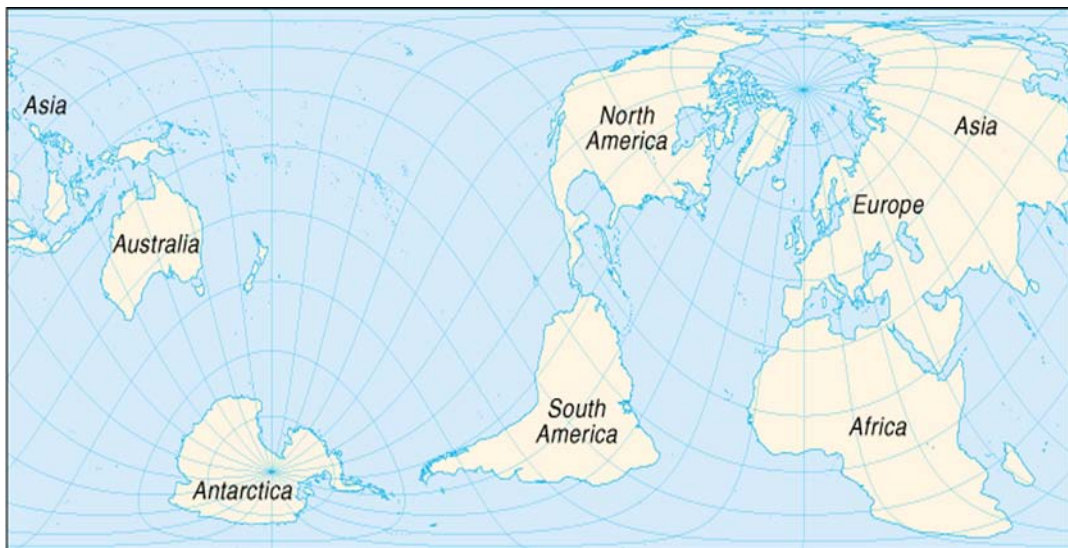
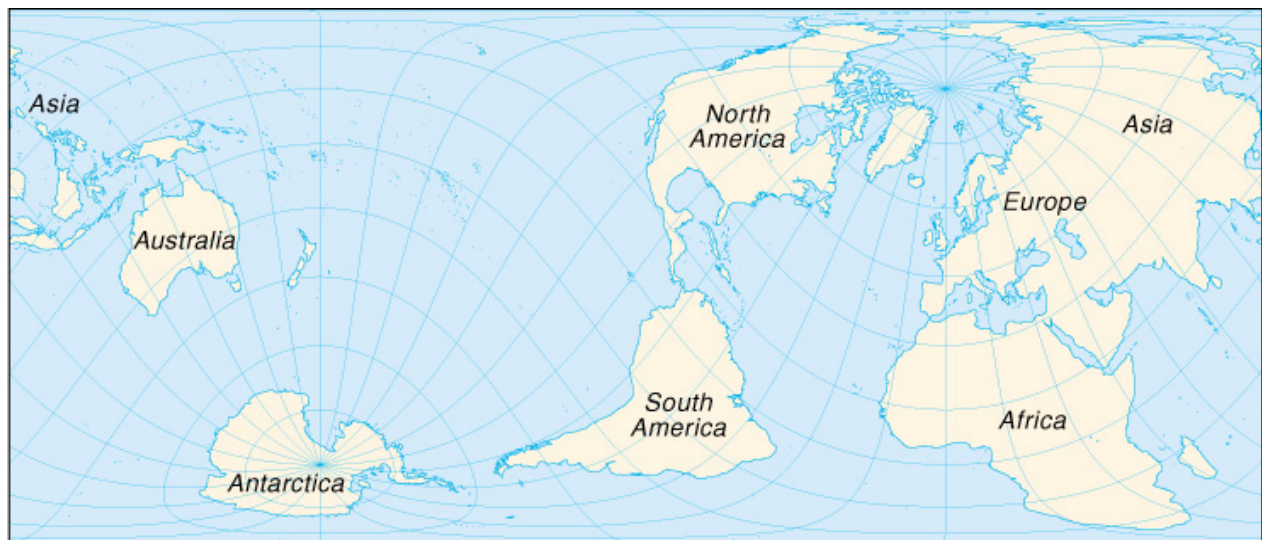


The 2009-2014 World Outlook for Worldwide Interoperability for Microwave Access (WiMAX) Equipment



by
Professor Philip M. Parker, Ph.D.
Chaired Professor of Management Science
INSEAD (Singapore and Fontainebleau, France)

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About the Author

Dr. Philip M. Parker is the Eli Lilly Chaired Professor of Innovation, Business and Society at INSEAD where he has taught courses on global competitive strategy since 1988. He has also taught courses at MIT, Stanford University, Harvard University, UCLA, UCSD, and the Hong Kong University of Science and Technology. Professor Parker is the author of six books on the economic convergence of nations. These books introduce the notion of “physioeconomics” which foresees a lack of global convergence in economic behaviors due to physiological and physiographic forces. His latest book is *Physioeconomics: the basis for long-run economic growth* (MIT Press 2000). He has also published numerous articles in academic journals, including, the *Rand Journal of Economics*, *Marketing Science*, the *Journal of International Business Studies*, *Technological Forecasting and Social Change*, the *International Journal of Forecasting*, the *European Management Journal*, the *European Journal of Operational Research*, the *Journal of Marketing*, the *International Journal of Research in Marketing*, and the *Journal of Marketing Research*. He is also on the editorial boards of several academic journals.

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About this Series

This series was created for international firms who rely on foreign markets for a substantial portion of their business or who might be threatened by international competition. The estimates given in this report were created using a methodology developed by and implemented under the direct supervision of Professor Philip M. Parker, the Eli Lilly Chaired Professor of Innovation, Business and Society, at INSEAD. The methodology relies on historical figures across countries. Reported figures should be seen as estimates of past and future levels of latent demand.

Acknowledgements

Some of the methodologies and research approaches used in this report have benefited from the R&D Committee at INSEAD, whose research support is gratefully acknowledged.

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Icon Group International, Inc.'s primary mission is to assist managers with their international information needs. U.S.-owned and operated, Icon Group has published hundreds of multi-client databases, and global/regional market data, industry and country publications.

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1 INTRODUCTION

1.1 OVERVIEW

This study covers the world outlook for worldwide interoperability for microwave access (WiMAX) equipment across more than 200 countries. For each year reported, estimates are given for the *latent demand*, or *potential industry earnings (P.I.E.)*, for the country in question (in millions of U.S. dollars), the percent share the country is of the region and of the globe. These comparative benchmarks allow the reader to quickly gauge a country vis-à-vis others. Using econometric models which project fundamental economic dynamics within each country and across countries, latent demand estimates are created. This report does not discuss the specific players in the market serving the latent demand, nor specific details at the product level. The study also does not consider short-term cyclicalities that might affect realized sales. The study, therefore, is strategic in nature, taking an aggregate and long-run view, irrespective of the players or products involved.

This study does not report actual sales data (which are simply unavailable, in a comparable or consistent manner in virtually all of the 230 countries of the world). This study gives, however, my estimates for the worldwide latent demand, or the P.I.E. for worldwide interoperability for microwave access (WiMAX) equipment. It also shows how the P.I.E. is divided across the world's regional and national markets. For each country, I also show my estimates of how the P.I.E. grows over time (positive or negative growth). In order to make these estimates, a multi-stage methodology was employed that is often taught in courses on international strategic planning at graduate schools of business.

Another reason why sales do not equate to latent demand is exchange rates. In this report, all figures assume the long-run efficiency of currency markets. Figures, therefore, equate values based on purchasing power parities across countries. Short-run distortions in the value of the dollar, therefore, do not figure into the estimates. Purchasing power parity estimates of country income were collected from official sources, and extrapolated using standard econometric models. The report uses the dollar as the currency of comparison, but not as a measure of transaction volume. The units used in this report are: US\$ Million.

1.2 WHAT IS LATENT DEMAND AND THE P.I.E.?

The concept of *latent demand* is rather subtle. The term *latent* typically refers to something that is dormant, not observable or not yet realized. *Demand* is the notion of an economic quantity that a target population or market requires under different assumptions of price, quality, and distribution, among other factors. Latent demand, therefore, is commonly defined by economists as the industry earnings of a market when that market becomes accessible and attractive to serve by competing firms. It is a measure, therefore, of *potential* industry earnings (P.I.E.) or total

revenues (not profit) if a market is served in an efficient manner. It is typically expressed as the total revenues potentially extracted by firms. The “market” is defined at a given level in the value chain. There can be latent demand at the retail level, at the wholesale level, the manufacturing level, and the raw materials level (the P.I.E. of higher levels of the value chain being always smaller than the P.I.E. of levels at lower levels of the same value chain, assuming all levels maintain minimum profitability).

The latent demand for worldwide interoperability for microwave access (WiMAX) equipment is not actual or historic sales. Nor is latent demand future sales. In fact, latent demand can be lower or higher than actual sales if a market is inefficient (i.e. not representative of relatively competitive levels). Inefficiencies arise from a number of factors, including the lack of international openness, cultural barriers to consumption, regulations, and cartel-like behavior on the part of firms. In general, however, latent demand is typically larger than actual sales in a country market.

For reasons discussed later, this report does not consider the notion of “unit quantities”, only total latent revenues (i.e. a calculation of price times quantity is never made, though one is implied). The units used in this report are U.S. dollars not adjusted for inflation (i.e. the figures incorporate inflationary trends) and not adjusted for future dynamics in exchange rates. If inflation rates or exchange rates vary in a substantial way compared to recent experience, actual sales can also exceed latent demand (when expressed in U.S. dollars, not adjusted for inflation). On the other hand, latent demand can be typically higher than actual sales as there are often distribution inefficiencies that reduce actual sales below the level of latent demand.

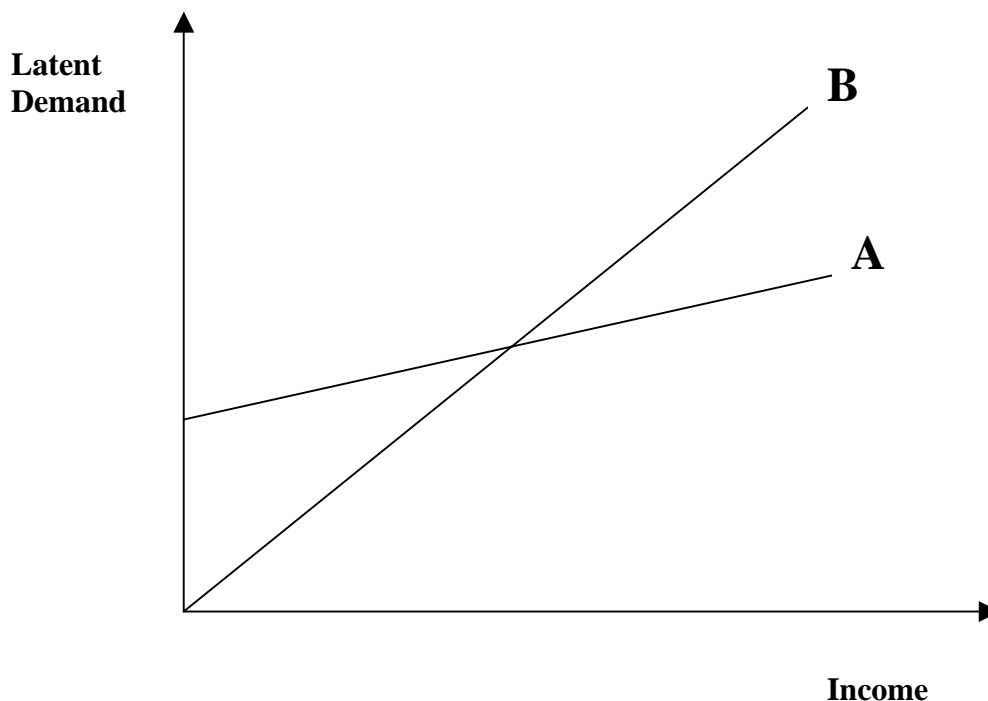
As mentioned in the introduction, this study is strategic in nature, taking an aggregate and long-run view, irrespective of the players or products involved. In fact, all the current products or services on the market can cease to exist in their present form (i.e. at a brand-, R&D specification, or corporate-image level) and all the players can be replaced by other firms (i.e. via exits, entries, mergers, bankruptcies, etc.), and there will still be an international latent demand for worldwide interoperability for microwave access (WiMAX) equipment at the aggregate level. Product and service offering details, and the actual identity of the players involved, while important for certain issues, are relatively unimportant for estimates of latent demand.

1.3 THE METHODOLOGY

In order to estimate the latent demand for worldwide interoperability for microwave access (WiMAX) equipment on a worldwide basis, I used a multi-stage approach. Before applying the approach, one needs a basic theory from which such estimates are created. In this case, I heavily rely on the use of certain basic economic assumptions. In particular, there is an assumption governing the shape and type of aggregate latent demand functions. Latent demand functions relate the income of a country, city, state, household, or individual to realized consumption. Latent demand (often realized as consumption when an industry is efficient), at any level of the

value chain, takes place if an equilibrium is realized. For firms to serve a market, they must perceive a latent demand and be able to serve that demand at a minimal return. The single most important variable determining consumption, assuming latent demand exists, is income (or other financial resources at higher levels of the value chain). Other factors that can pivot or shape demand curves include external or exogenous shocks (i.e. business cycles), and or changes in utility for the product in question.

Ignoring, for the moment, exogenous shocks and variations in utility across countries, the aggregate relation between income and consumption has been a central theme in economics. The figure below concisely summarizes one aspect of problem. In the 1930s, John Meynard Keynes conjectured that as incomes rise, the average propensity to consume would fall. The average propensity to consume is the level of consumption divided by the level of income, or the slope of the line from the origin to the consumption function. He estimated this relationship empirically and found it to be true in the short-run (mostly based on cross-sectional data). The higher the income, the lower the average propensity to consume. This type of consumption function is labeled "A" in the figure below (note the rather flat slope of the curve). In the 1940s, another macroeconomist, Simon Kuznets, estimated long-run consumption functions which indicated that the marginal propensity to consume was rather constant (using time series data across countries). This type of consumption function is show as "B" in the figure below (note the higher slope and zero-zero intercept).¹ The average propensity to consume is constant.



¹ For a general overview of this subject area, see *Principles of Macroeconomics* by N. Gregory Mankiw, South-Western College Publishing; ISBN: 0030340594; 2nd edition (February 2002).

Is it declining or is it constant? A number of other economists, notably Franco Modigliani and Milton Friedman, in the 1950s (and Irving Fisher earlier), explained why the two functions were different using various assumptions on intertemporal budget constraints, savings, and wealth. The shorter the time horizon, the more consumption can depend on wealth (earned in previous years) and business cycles. In the long-run, however, the propensity to consume is more constant. Similarly, in the long run, households, industries or countries with no income eventually have no consumption (wealth is depleted). While the debate surrounding beliefs about how income and consumption are related and interesting, in this study a very particular school of thought is adopted. In particular, we are considering the latent demand for worldwide interoperability for microwave access (WiMAX) equipment across some 230 countries. The smallest have fewer than 10,000 inhabitants. I assume that all of these countries fall along a "long-run" aggregate consumption function. This long-run function applies despite some of these countries having wealth, current income dominates the latent demand for worldwide interoperability for microwave access (WiMAX) equipment. So, latent demand in the long-run has a zero intercept. However, I allow firms to have different propensities to consume (including being on consumption functions with differing slopes, which can account for differences in industrial organization, and end-user preferences).

Given this overriding philosophy, I will now describe the methodology used to create the latent demand estimates for worldwide interoperability for microwave access (WiMAX) equipment. Since ICON Group has asked me to apply this methodology to a large number of categories, the rather academic discussion below is general and can be applied to a wide variety of categories, not just worldwide interoperability for microwave access (WiMAX) equipment.

1.3.1 Step 1. Product Definition and Data Collection

Any study of latent demand across countries requires that some standard be established to define "efficiently served". Having implemented various alternatives and matched these with market outcomes, I have found that the optimal approach is to assume that certain key countries are more likely to be at or near efficiency than others. These countries are given greater weight than others in the estimation of latent demand compared to other countries for which no known data are available. Of the many alternatives, I have found the assumption that the world's highest aggregate income and highest income-per-capita markets reflect the best standards for "efficiency". High aggregate income alone is not sufficient (i.e. China has high aggregate income, but low income per capita and can not assumed to be efficient). Aggregate income can be operationalized in a number of ways, including gross domestic product (for industrial categories), or total disposable income (for household categories; population times average income per capita, or number of households times average household income per capita). Brunei, Nauru, Kuwait, and Lichtenstein are examples of countries with high income per capita, but not assumed to be efficient, given low aggregate level of income (or gross domestic product); these countries have, however, high incomes per capita but may not benefit from the efficiencies derived from economies of scale associated with larger economies. Only countries with high income per capita and large aggregate income are assumed efficient. This greatly restricts the pool of countries to

those in the OECD (Organization for Economic Cooperation and Development), like the United States, or the United Kingdom (which were earlier than other large OECD economies to liberalize their markets).

The selection of countries is further reduced by the fact that not all countries in the OECD report industry revenues at the category level. Countries that typically have ample data at the aggregate level that meet the efficiency criteria include the United States, the United Kingdom and in some cases France and Germany.

Latent demand is therefore estimated using data collected for relatively efficient markets from independent data sources (e.g. Euromonitor, Mintel, Thomson Financial Services, the U.S. Industrial Outlook, the World Resources Institute, the Organization for Economic Cooperation and Development, various agencies from the United Nations, industry trade associations, the International Monetary Fund, and the World Bank). Depending on original data sources used, the definition of “worldwide interoperability for microwave access (WiMAX) equipment” is established. In the case of this report, the data were reported at the aggregate level, with no further breakdown or definition. In other words, any potential product or service that might be incorporated within worldwide interoperability for microwave access (WiMAX) equipment falls under this category. Public sources rarely report data at the disaggregated level in order to protect private information from individual firms that might dominate a specific product-market. These sources will therefore aggregate across components of a category and report only the aggregate to the public. While private data are certainly available, this report only relies on public data at the aggregate level without reliance on the summation of various category components. In other words, this report does not aggregate a number of components to arrive at the “whole”. Rather, it starts with the “whole”, and estimates the whole for all countries and the world at large (without needing to know the specific parts that went into the whole in the first place).

Given this caveat, in this report we define the sales of worldwide interoperability for microwave access (WiMAX) equipment as including all commonly understood products falling within this broad category, such as telecommunications technology that provides wireless data from point-to-point links to full mobile cellular type access, irrespective of product packaging, formulation, size, or form. Companies participating in this industry include Tranzeo Wireless Technologies, AirSync, WiNetworks, Fujitsu, and Intel. In addition to the sources indicated below, additional information available to the public via news and/or press releases published by players in the industry (including reports from AMR Research, Global Industry Analysts, Forrester Research, Frost & Sullivan, Gartner, IDC, and MarketResearch.com) was considered in defining and calibrating this category.

1.3.2 Step 2. Filtering and Smoothing

Based on the aggregate view of worldwide interoperability for microwave access (WiMAX) equipment as defined above, data were then collected for as many similar countries as possible for that same definition, at the same level of the value chain. This generates a convenience

sample of countries from which comparable figures are available. If the series in question do not reflect the same accounting period, then adjustments are made. In order to eliminate short-term effects of business cycles, the series are smoothed using an 2 year moving average weighting scheme (longer weighting schemes do not substantially change the results). If data are available for a country, but these reflect short-run aberrations due to exogenous shocks (such as would be the case of beef sales in a country stricken with foot and mouth disease), these observations were dropped or "filtered" from the analysis.

1.3.3 Step 3. Filling in Missing Values

In some cases, data are available for countries on a sporadic basis. In other cases, data from a country may be available for only one year. From a Bayesian perspective, these observations should be given greatest weight in estimating missing years. Assuming that other factors are held constant, the missing years are extrapolated using changes and growth in aggregate national income. Based on the overriding philosophy of a long-run consumption function (defined earlier), countries which have missing data for any given year, are estimated based on historical dynamics of aggregate income for that country.²

1.3.4 Step 4. Varying Parameter, Non-linear Estimation

Given the data available from the first three steps, the latent demand in additional countries is estimated using a "varying-parameter cross-sectionally pooled time series model".³ Simply stated, the effect of income on latent demand is assumed to be constant across countries unless there is empirical evidence to suggest that this effect varies (i.e. the slope of the income effect is not necessarily same for all countries). This assumption applies across countries along the aggregate consumption function, but also over time (i.e. not all countries are perceived to have the same income growth prospects over time and this effect can vary from country to country as well). Another way of looking at this is to say that latent demand for worldwide interoperability for microwave access (WiMAX) equipment is more likely to be similar across countries that have similar characteristics in terms of economic development (i.e. African countries will have similar

² This report was prepared from a variety of sources including excerpts from documents and official reports or databases published by the World Bank, the U.S. Department of Commerce, the U.S. State Department, various national agencies, the International Monetary Fund, the Central Intelligence Agency, various agencies from the United Nations (e.g. ILO, ITU, UNDP, etc.), and non-governmental sources, including Icon Group International, Inc., Euromonitor, the World Resources Institute, Mintel, the U.S. Industrial Outlook, and various public sources cited in the trade press.

³ The interested reader can find longer discussions of this type of modeling in *Studies in Global Econometrics (Advanced Studies in Theoretical and Applied Econometrics V. 30)*, by Henri Theil, et al., Kluwer Academic Publishers; ISBN: 0792336607; (June 1996), and in *Principles of Econometrics*, by Henri Theil John Wiley & Sons; ISBN: 0471858455; (December 1971), and in *Econometric Models and Economic Forecasts* by Robert S. Pindyck, Daniel L. Rubinfeld McGraw Hill Text; ISBN: 0070500983; 3rd edition (December 1991).

latent demand structures controlling for the income variation across the pool of African countries).

This approach is useful across countries for which some notion of non-linearity exists in the aggregate cross-country consumption function. For some categories, however, the reader must realize that the numbers will reflect a country's contribution to global latent demand and may never be realized in the form of local sales. For certain country-category combinations this will result in what at first glance will be odd results. For example, the latent demand for the category "space vehicles" will exist for "Togo" even though they have no space program. The assumption is that if the economies in these countries did not exist, the world aggregate for these categories would be lower. The share attributed to these countries is based on a proportion of their income (however small) being used to consume the category in question (i.e. perhaps via resellers).

1.3.5 Step 5. Fixed-Parameter Linear Estimation

Nonlinearities are assumed in cases where filtered data exist along the aggregate consumption function. Because the world consists of more than 200 countries, there will always be those countries, especially toward the bottom of the consumption function, where non-linear estimation is simply not possible. For these countries, equilibrium latent demand is assumed to be perfectly parametric and not a function of wealth (i.e. a country's stock of income), but a function of current income (a country's flow of income). In the long run, if a country has no current income, the latent demand for worldwide interoperability for microwave access (WiMAX) equipment is assumed to approach zero. The assumption is that wealth stocks fall rapidly to zero if flow income falls to zero (i.e. countries which earn low levels of income will not use their savings, in the long run, to demand worldwide interoperability for microwave access (WiMAX) equipment). In a graphical sense, for low income countries, latent demand approaches zero in a parametric linear fashion with a zero-zero intercept. In this stage of the estimation procedure, low-income countries are assumed to have a latent demand proportional to their income, based on the country closest to it on the aggregate consumption function.

1.3.6 Step 6. Aggregation and Benchmarking

Based on the models described above, latent demand figures are estimated for all countries of the world, including for the smallest economies. These are then aggregated to get world totals and regional totals. To make the numbers more meaningful, regional and global demand averages are presented. Figures are rounded, so minor inconsistencies may exist across tables.

1.3.7 Step 7. Latent Demand Density: Allocating Across Cities

With the advent of a “borderless world”, cities become a more important criteria in prioritizing markets, as opposed to regions, continents, or countries. This report also covers the world’s top 2000 cities. The purpose is to understand the density of demand within a country and the extent to which a city might be used as a point of distribution within its region. From an economic perspective, however, a city does not represent a population within rigid geographical boundaries. To an economist or strategic planner, a city represents an area of dominant influence over markets in adjacent areas. This influence varies from one industry to another, but also from one period of time to another.

Similar to country-level data, the reader needs to realize that latent demand allocated to a city may or may not represent real sales. For many items, latent demand is clearly observable in sales, as in the case for food or housing items. Consider, again, the category “satellite launch vehicles.” Clearly, there are no launch pads in most cities of the world. However, the core benefit of the vehicles (e.g. telecommunications, etc.) is "consumed" by residents or industries within the world's cities. Without certain cities, in other words, the world market for satellite launch vehicles would be lower for the world in general. One needs to allocate, therefore, a portion of the worldwide economic demand for launch vehicles to regions, countries and cities. This report takes the broader definition and considers, therefore, a city as a part of the global market. I allocate latent demand across areas of dominant influence based on the relative economic importance of cities within its home country, within its region and across the world total. Not all cities are estimated within each country as demand may be allocated to adjacent areas of influence. Since some cities have higher economic wealth than others within the same country, a city’s population is not generally used to allocate latent demand. Rather, the level of economic activity of the city vis-à-vis others.

2 SUMMARY OF FINDINGS

Based on the methodology described above, the latent demand for worldwide interoperability for microwave access (WiMAX) equipment is estimated to be \$4.3 billion in 2009. The distribution of the world latent demand (or potential industry earnings), however, is not be evenly distributed across regions. Asia & Oceania is the largest market with \$1.4 billion or 32.27 percent, followed by The Americas & the Caribbean with \$1.4 billion or 31.90 percent, and then Europe with \$1.1 billion or 26.64 percent of the world market. In essence, if firms target these top 3 regions, they cover come 90.81 percent of the global latent demand for worldwide interoperability for microwave access (WiMAX) equipment.

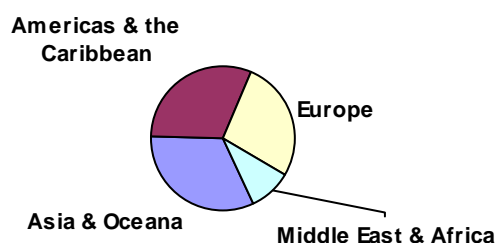
2.1 THE WORLDWIDE MARKET POTENTIAL

Worldwide Market Potential for Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): 2009

Region	Latent Demand US\$ Million	% of Globe
Asia & Oceania	1,392	32.3
Americas & the Caribbean	1,376	31.9
Europe	1,149	26.6
Middle East & Africa	396	9.2
Total	4,314	100.0

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Worldwide Market Potential for Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): 2009



**World Market for Worldwide Interoperability for Microwave Access (WiMAX)
Equipment: 2004 - 2014**

Year	World Market US\$ Million
2004	3,624.10
2005	3,751.46
2006	3,884.31
2007	4,022.94
2008	4,167.01
2009	4,313.55
2010	4,465.68
2011	4,624.28
2012	4,789.50
2013	4,960.78
2014	5,139.29

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3 ASIA & OCEANA

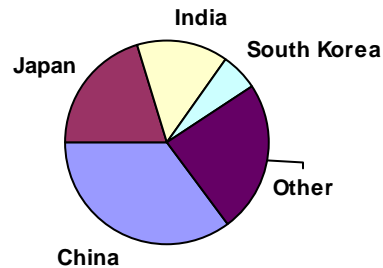
3.1 EXECUTIVE SUMMARY

Market Potential for Worldwide Interoperability for Microwave Access (WiMAX) Equipment in Asia & Oceana (US\$ Million): 2009

Country	Latent Demand US\$ Million	% of Asia & Oceana
China	487.31	35.00%
Japan	291.88	20.97%
India	202.32	14.53%
South Korea	80.87	5.81%
Indonesia	57.04	4.10%
Australia	51.20	3.68%
Taiwan	46.41	3.33%
Thailand	34.80	2.50%
Malaysia	24.09	1.73%
Philippines	20.28	1.46%
Hong Kong	19.76	1.42%
Vietnam	15.18	1.09%
Singapore	15.12	1.09%
Bangladesh	14.10	1.01%
New Zealand	7.48	0.54%
Burma	6.13	0.44%
Sri Lanka	5.61	0.40%
North Korea	2.60	0.19%
Nepal	2.03	0.15%
Cambodia	1.76	0.13%
Papua New Guinea	1.11	0.08%
Macau	0.88	0.06%
Laos	0.85	0.06%
Brunei	0.63	0.05%
Mongolia	0.58	0.04%
Other	2.14	0.15%
Total	1,392.18	100.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Market Potential for Worldwide Interoperability for Microwave Access (WiMAX)
Equipment in Asia & Oceana (US\$ Million): 2009**



**The Market for Worldwide Interoperability for Microwave Access (WiMAX)
Equipment in Asia & Oceana: 2004 - 2014**

Year	US\$ Million	% of Globe
2004	1,100.06	30.35
2005	1,152.78	30.73
2006	1,208.49	31.11
2007	1,267.38	31.50
2008	1,329.23	31.90
2009	1,392.18	32.27
2010	1,458.17	32.65
2011	1,527.77	33.04
2012	1,601.14	33.43
2013	1,678.27	33.83
2014	1,759.60	34.24

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.2 AMERICAN SAMOA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): American Samoa 2004 - 2014

Year	American Samoa	% of Region	% of Globe
2004	0.03	0.00%	0.00%
2005	0.03	0.00%	0.00%
2006	0.03	0.00%	0.00%
2007	0.03	0.00%	0.00%
2008	0.03	0.00%	0.00%
2009	0.03	0.00%	0.00%
2010	0.03	0.00%	0.00%
2011	0.04	0.00%	0.00%
2012	0.04	0.00%	0.00%
2013	0.04	0.00%	0.00%
2014	0.04	0.00%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

American Samoa: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Pago Pago	1,947	0.01	33.33	0.00	0.00
Leone	1,996	0.01	22.22	0.00	0.00
Fagatogo	1,997	0.01	22.22	0.00	0.00
Utulei	2,030	0.00	11.11	0.00	0.00
Vaitogi	2,031	0.00	11.11	0.00	0.00
Total		0.03	100.00	0.00	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.3 AUSTRALIA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Australia 2004 - 2014

Year	Australia	% of Region	% of Globe
2004	43.77	3.98%	1.21%
2005	45.17	3.92%	1.20%
2006	46.61	3.86%	1.20%
2007	48.11	3.80%	1.20%
2008	49.64	3.73%	1.19%
2009	51.20	3.68%	1.19%
2010	52.80	3.62%	1.18%
2011	54.45	3.56%	1.18%
2012	56.14	3.51%	1.17%
2013	57.89	3.45%	1.17%
2014	59.68	3.39%	1.16%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Australia: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Sydney	53	15.01	29.32	1.08	0.35
Melbourne	55	14.80	28.92	1.06	0.34
Brisbane	102	9.35	18.26	0.67	0.22
Perth	184	4.72	9.21	0.34	0.11
Adelaide	301	2.41	4.70	0.17	0.06
Canberra	429	1.61	3.15	0.12	0.04
Newcastle	727	0.76	1.49	0.05	0.02
Gold Coast	729	0.76	1.49	0.05	0.02
Hobart	889	0.53	1.03	0.04	0.01
Wollongong	1,055	0.37	0.73	0.03	0.01
Townsville	1,086	0.34	0.66	0.02	0.01
Darwin	1,171	0.28	0.55	0.02	0.01
Geelong	1,224	0.25	0.49	0.02	0.01
Total		51.20	100.00	3.68	1.19

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.4 BANGLADESH

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Bangladesh 2004 - 2014

Year	Bangladesh	% of Region	% of Globe
2004	11.46	1.04%	0.32%
2005	11.95	1.04%	0.32%
2006	12.46	1.03%	0.32%
2007	12.99	1.02%	0.32%
2008	13.54	1.02%	0.33%
2009	14.10	1.01%	0.33%
2010	14.69	1.01%	0.33%
2011	15.29	1.00%	0.33%
2012	15.92	0.99%	0.33%
2013	16.57	0.99%	0.33%
2014	17.25	0.98%	0.34%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Bangladesh: Worldwide Interoperability for Microwave Access (WiMAX)
Equipment in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Dhaka	160	5.89	41.79	0.42	0.14
Chittagong	298	2.44	17.31	0.18	0.06
Khulna	432	1.61	11.41	0.12	0.04
Narayanganj	780	0.68	4.79	0.05	0.02
Rajshahi	808	0.63	4.49	0.05	0.01
Mymensingh	937	0.48	3.37	0.03	0.01
Comilla	960	0.46	3.25	0.03	0.01
Barisal	988	0.43	3.06	0.03	0.01
Sylhet	1,004	0.42	2.97	0.03	0.01
Rangpur	1,048	0.38	2.70	0.03	0.01
Jessore	1,057	0.37	2.63	0.03	0.01
Saidpur	1,112	0.32	2.24	0.02	0.01
Total		14.10	100.00	1.01	0.33

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.5 BHUTAN

**Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$
Million): Bhutan 2004 - 2014**

Year	Bhutan	% of Region	% of Globe
2004	0.18	0.02%	0.00%
2005	0.19	0.02%	0.01%
2006	0.20	0.02%	0.01%
2007	0.21	0.02%	0.01%
2008	0.23	0.02%	0.01%
2009	0.24	0.02%	0.01%
2010	0.25	0.02%	0.01%
2011	0.27	0.02%	0.01%
2012	0.28	0.02%	0.01%
2013	0.30	0.02%	0.01%
2014	0.31	0.02%	0.01%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Bhutan: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Thimphu	1,683	0.06	25.32	0.00	0.00
Taga Dzong	1,694	0.06	24.05	0.00	0.00
Punakha	1,768	0.04	16.46	0.00	0.00
Bumthang	1,804	0.03	13.92	0.00	0.00
Phuntsholing	1,828	0.03	12.66	0.00	0.00
Tongsa Dzong	1,977	0.01	3.80	0.00	0.00
Paro	1,978	0.01	3.80	0.00	0.00
Total		0.24	100.00	0.02	0.01

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.6 BRUNEI

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Brunei 2004 - 2014

Year	Brunei	% of Region	% of Globe
2004	0.59	0.05%	0.02%
2005	0.59	0.05%	0.02%
2006	0.60	0.05%	0.02%
2007	0.61	0.05%	0.02%
2008	0.62	0.05%	0.01%
2009	0.63	0.05%	0.01%
2010	0.64	0.04%	0.01%
2011	0.64	0.04%	0.01%
2012	0.65	0.04%	0.01%
2013	0.66	0.04%	0.01%
2014	0.67	0.04%	0.01%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Brunei: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Bandar Seri Begawan	1,081	0.34	54.74	0.02	0.01
Seria	1,421	0.16	25.26	0.01	0.00
Kuala Belait	1,482	0.13	20.00	0.01	0.00
Total		0.63	100.00	0.05	0.01

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.7 BURMA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Burma 2004 - 2014

Year	Burma	% of Region	% of Globe
2004	5.04	0.46%	0.14%
2005	5.24	0.45%	0.14%
2006	5.45	0.45%	0.14%
2007	5.67	0.45%	0.14%
2008	5.90	0.44%	0.14%
2009	6.13	0.44%	0.14%
2010	6.37	0.44%	0.14%
2011	6.61	0.43%	0.14%
2012	6.87	0.43%	0.14%
2013	7.13	0.43%	0.14%
2014	7.41	0.42%	0.14%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Burma: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Yangon	208	3.94	64.22	0.28	0.09
Mandalay	680	0.85	13.92	0.06	0.02
Moulmein	1,074	0.35	5.75	0.03	0.01
Pegu	1,246	0.24	3.92	0.02	0.01
Bassein	1,265	0.23	3.76	0.02	0.01
Sittwe	1,386	0.17	2.82	0.01	0.00
Taunggye	1,387	0.17	2.82	0.01	0.00
Monywa	1,392	0.17	2.79	0.01	0.00
Total		6.13	100.00	0.44	0.14

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.8 CAMBODIA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Cambodia 2004 - 2014

Year	Cambodia	% of Region	% of Globe
2004	1.32	0.12%	0.04%
2005	1.40	0.12%	0.04%
2006	1.49	0.12%	0.04%
2007	1.58	0.12%	0.04%
2008	1.67	0.13%	0.04%
2009	1.76	0.13%	0.04%
2010	1.87	0.13%	0.04%
2011	1.97	0.13%	0.04%
2012	2.08	0.13%	0.04%
2013	2.20	0.13%	0.04%
2014	2.32	0.13%	0.05%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Cambodia: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Bhnom Penh	470	1.37	77.88	0.10	0.03
Kompong Cham	1,038	0.39	22.12	0.03	0.01
Total		1.76	100.00	0.13	0.04

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.9 CHINA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): China 2004 - 2014

Year	China	% of Region	% of Globe
2004	344.21	31.29%	9.50%
2005	369.33	32.04%	9.84%
2006	396.27	32.79%	10.20%
2007	425.19	33.55%	10.57%
2008	455.94	34.30%	10.94%
2009	487.31	35.00%	11.30%
2010	520.57	35.70%	11.66%
2011	556.09	36.40%	12.03%
2012	594.03	37.10%	12.40%
2013	634.44	37.80%	12.79%
2014	677.58	38.51%	13.18%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**China: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in
2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Shanghai	4	69.78	14.32	5.01	1.62
Beijing	6	58.15	11.93	4.18	1.35
Chongqing	8	49.21	10.10	3.53	1.14
Guangzhou	10	44.89	9.21	3.22	1.04
Chengdu	11	41.32	8.48	2.97	0.96
Tianjin	16	35.74	7.33	2.57	0.83
Harbin	28	23.58	4.84	1.69	0.55
Nanjing	29	23.38	4.80	1.68	0.54
Wuhan	30	23.28	4.78	1.67	0.54
Jinan	33	21.60	4.43	1.55	0.50
Shenyang	36	19.82	4.07	1.42	0.46
Changchun	40	18.95	3.89	1.36	0.44
Xi'an	41	18.77	3.85	1.35	0.44
Dalian	43	17.86	3.66	1.28	0.41
Shenzhen	73	12.40	2.54	0.89	0.29
Others		8.59	1.76	0.62	0.20
Total		487.31	100.00	35.00	11.30

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.10 CHRISTMAS ISLAND

**Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$
Million): Christmas Island 2004 - 2014**

Year	Christmas Island	% of Region	% of Globe
2004	0.00	0.00%	0.00%
2005	0.00	0.00%	0.00%
2006	0.00	0.00%	0.00%
2007	0.00	0.00%	0.00%
2008	0.00	0.00%	0.00%
2009	0.00	0.00%	0.00%
2010	0.00	0.00%	0.00%
2011	0.00	0.00%	0.00%
2012	0.00	0.00%	0.00%
2013	0.00	0.00%	0.00%
2014	0.00	0.00%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Christmas Island: Worldwide Interoperability for Microwave Access (WiMAX)
Equipment in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
The Settlement	2,052	0.00	100.00	0.00	0.00
Total		0.00	100.00	0.00	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.11 COOK ISLANDS

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Cook Islands 2004 - 2014

Year	Cook Islands	% of Region	% of Globe
2004	0.01	0.00%	0.00%
2005	0.01	0.00%	0.00%
2006	0.01	0.00%	0.00%
2007	0.01	0.00%	0.00%
2008	0.01	0.00%	0.00%
2009	0.01	0.00%	0.00%
2010	0.01	0.00%	0.00%
2011	0.01	0.00%	0.00%
2012	0.01	0.00%	0.00%
2013	0.01	0.00%	0.00%
2014	0.01	0.00%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Cook Islands: Worldwide Interoperability for Microwave Access (WiMAX)
Equipment in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Avarua	1,939	0.01	100.00	0.00	0.00
Total		0.01	100.00	0.00	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.12 FIJI

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Fiji 2004 - 2014

Year	Fiji	% of Region	% of Globe
2004	0.29	0.03%	0.01%
2005	0.30	0.03%	0.01%
2006	0.31	0.03%	0.01%
2007	0.32	0.03%	0.01%
2008	0.33	0.02%	0.01%
2009	0.34	0.02%	0.01%
2010	0.35	0.02%	0.01%
2011	0.36	0.02%	0.01%
2012	0.37	0.02%	0.01%
2013	0.38	0.02%	0.01%
2014	0.39	0.02%	0.01%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Fiji: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Suva	1,127	0.31	90.91	0.02	0.01
Nadi	1,821	0.03	9.09	0.00	0.00
Total		0.34	100.00	0.02	0.01

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.13 FRENCH POLYNESIA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): French Polynesia 2004 - 2014

Year	French Polynesia	% of Region	% of Globe
2004	0.26	0.02%	0.01%
2005	0.27	0.02%	0.01%
2006	0.28	0.02%	0.01%
2007	0.29	0.02%	0.01%
2008	0.30	0.02%	0.01%
2009	0.31	0.02%	0.01%
2010	0.32	0.02%	0.01%
2011	0.33	0.02%	0.01%
2012	0.34	0.02%	0.01%
2013	0.36	0.02%	0.01%
2014	0.37	0.02%	0.01%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**French Polynesia: Worldwide Interoperability for Microwave Access (WiMAX)
Equipment in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Papeete	1,417	0.16	52.17	0.01	0.00
Mahina	1,662	0.07	21.74	0.00	0.00
Papara	1,764	0.04	13.04	0.00	0.00
Mataiea	1,873	0.02	6.52	0.00	0.00
Afareaitu	1,923	0.01	4.35	0.00	0.00
Teahupoo	2,004	0.01	2.17	0.00	0.00
Total		0.31	100.00	0.02	0.01

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.14 GUAM

**Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$
Million): Guam 2004 - 2014**

Year	Guam	% of Region	% of Globe
2004	0.15	0.01%	0.00%
2005	0.15	0.01%	0.00%
2006	0.15	0.01%	0.00%
2007	0.16	0.01%	0.00%
2008	0.16	0.01%	0.00%
2009	0.17	0.01%	0.00%
2010	0.17	0.01%	0.00%
2011	0.17	0.01%	0.00%
2012	0.18	0.01%	0.00%
2013	0.18	0.01%	0.00%
2014	0.19	0.01%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Guam: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in
2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Dededo	1,598	0.08	49.80	0.01	0.00
Tamuning	1,750	0.04	26.17	0.00	0.00
Santa Rita	1,819	0.03	18.61	0.00	0.00
Talofofu	2,009	0.01	3.63	0.00	0.00
Agana	2,041	0.00	1.79	0.00	0.00
Total		0.17	100.00	0.01	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.15 HONG KONG

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Hong Kong 2004 - 2014

Year	Hong Kong	% of Region	% of Globe
2004	16.14	1.47%	0.45%
2005	16.81	1.46%	0.45%
2006	17.51	1.45%	0.45%
2007	18.24	1.44%	0.45%
2008	18.99	1.43%	0.46%
2009	19.76	1.42%	0.46%
2010	20.56	1.41%	0.46%
2011	21.38	1.40%	0.46%
2012	22.24	1.39%	0.46%
2013	23.13	1.38%	0.47%
2014	24.06	1.37%	0.47%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Hong Kong: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Hong Kong	38	19.76	100.00	1.42	0.46
Total		19.76	100.00	1.42	0.46

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.16 INDIA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): India 2004 - 2014

Year	India	% of Region	% of Globe
2004	154.10	14.01%	4.25%
2005	162.81	14.12%	4.34%
2006	172.02	14.23%	4.43%
2007	181.74	14.34%	4.52%
2008	191.94	14.44%	4.61%
2009	202.32	14.53%	4.69%
2010	213.20	14.62%	4.77%
2011	224.66	14.70%	4.86%
2012	236.72	14.78%	4.94%
2013	249.40	14.86%	5.03%
2014	262.74	14.93%	5.11%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

India: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Maharashtra State	17	34.90	17.25	2.51	0.81
Uttar Pradesh State	27	23.96	11.84	1.72	0.56
West Bengal State	48	16.17	7.99	1.16	0.37
Andhra Pradesh State	50	15.53	7.68	1.12	0.36
Tamil Nadu State	60	13.95	6.89	1.00	0.32
Gujarat State	70	12.61	6.23	0.91	0.29
Madhya Pradesh State	71	12.59	6.22	0.90	0.29
Karnataka State	80	11.43	5.65	0.82	0.26
Bihar State	81	11.40	5.64	0.82	0.26
Rajasthan State	110	8.92	4.41	0.64	0.21
Punjab State	111	8.86	4.38	0.64	0.21
Haryana State	145	6.37	3.15	0.46	0.15
Kerala State	158	5.93	2.93	0.43	0.14
Orissa State	177	5.05	2.50	0.36	0.12
Union Territories	187	4.66	2.31	0.34	0.11
Others		10.00	4.94	0.72	0.23
Total		202.32	100.00	14.53	4.69

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.17 INDONESIA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Indonesia 2004 - 2014

Year	Indonesia	% of Region	% of Globe
2004	46.21	4.20%	1.28%
2005	48.21	4.18%	1.29%
2006	50.30	4.16%	1.30%
2007	52.48	4.14%	1.30%
2008	54.74	4.12%	1.31%
2009	57.04	4.10%	1.32%
2010	59.42	4.07%	1.33%
2011	61.90	4.05%	1.34%
2012	64.48	4.03%	1.35%
2013	67.16	4.00%	1.35%
2014	69.95	3.98%	1.36%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Indonesia: Worldwide Interoperability for Microwave Access (WiMAX) Equipment
in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Jawa Barat	90	10.33	18.11	0.74	0.24
DKI Jakarta	106	9.09	15.94	0.65	0.21
Jawa Timur	113	8.73	15.31	0.63	0.20
Jawa Tengah	159	5.90	10.34	0.42	0.14
Sumatra Utara	237	3.21	5.62	0.23	0.07
Riau	281	2.61	4.58	0.19	0.06
Kalimantan Timur	356	2.04	3.58	0.15	0.05
Sumatra Selatan	364	1.97	3.46	0.14	0.05
Daerah Istimewa Aceh	414	1.69	2.97	0.12	0.04
Sulawesi Selatan	486	1.34	2.35	0.10	0.03
Sumatra Barat	594	1.06	1.86	0.08	0.02
Lampung	602	1.04	1.83	0.07	0.02
Kalimantan Barat	613	1.02	1.78	0.07	0.02
Bali	629	0.98	1.72	0.07	0.02
Irian Jaya	650	0.93	1.63	0.07	0.02
Others		5.08	8.91	0.36	0.12
Total		57.04	100.00	4.10	1.32

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.18 JAPAN

**Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$
Million): Japan 2004 - 2014**

Year	Japan	% of Region	% of Globe
2004	263.21	23.93%	7.26%
2005	268.72	23.31%	7.16%
2006	274.34	22.70%	7.06%
2007	280.09	22.10%	6.96%
2008	285.94	21.51%	6.86%
2009	291.88	20.97%	6.77%
2010	297.94	20.43%	6.67%
2011	304.12	19.91%	6.58%
2012	310.42	19.39%	6.48%
2013	316.79	18.88%	6.39%
2014	323.29	18.37%	6.29%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Japan: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Tokyo	9	48.89	16.75	3.51	1.13
Yokohama	37	19.81	6.79	1.42	0.46
Nagoya	82	11.33	3.88	0.81	0.26
Osaka	86	10.80	3.70	0.78	0.25
Sapporo	124	7.78	2.66	0.56	0.18
Kawasaki	135	7.03	2.41	0.51	0.16
Kyoto	144	6.42	2.20	0.46	0.15
Kobe	153	6.09	2.09	0.44	0.14
Fukuoka	163	5.75	1.97	0.41	0.13
Hiroshima	169	5.48	1.88	0.39	0.13
Chiba	188	4.64	1.59	0.33	0.11
Sendai	190	4.62	1.58	0.33	0.11
Kitakyushu	212	3.78	1.29	0.27	0.09
Sakai	220	3.60	1.23	0.26	0.08
Sagamihara	243	3.14	1.08	0.23	0.07
Others		142.71	48.89	10.25	3.31
Total		291.88	100.00	20.97	6.77

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.19 KIRIBATI

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Kiribati 2004 - 2014

Year	Kiribati	% of Region	% of Globe
2004	0.01	0.00%	0.00%
2005	0.01	0.00%	0.00%
2006	0.02	0.00%	0.00%
2007	0.02	0.00%	0.00%
2008	0.02	0.00%	0.00%
2009	0.02	0.00%	0.00%
2010	0.02	0.00%	0.00%
2011	0.02	0.00%	0.00%
2012	0.02	0.00%	0.00%
2013	0.02	0.00%	0.00%
2014	0.02	0.00%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Kiribati: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Tarawa	1,903	0.02	100.00	0.00	0.00
Total		0.02	100.00	0.00	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.20 LAOS

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Laos 2004 - 2014

Year	Laos	% of Region	% of Globe
2004	0.68	0.06%	0.02%
2005	0.71	0.06%	0.02%
2006	0.74	0.06%	0.02%
2007	0.78	0.06%	0.02%
2008	0.82	0.06%	0.02%
2009	0.85	0.06%	0.02%
2010	0.89	0.06%	0.02%
2011	0.94	0.06%	0.02%
2012	0.98	0.06%	0.02%
2013	1.02	0.06%	0.02%
2014	1.07	0.06%	0.02%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Laos: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Vientiane	839	0.59	69.30	0.04	0.01
Savannakhet	1,606	0.08	9.38	0.01	0.00
Pakse	1,641	0.07	8.27	0.01	0.00
Luang Prabang	1,652	0.07	8.09	0.00	0.00
Sayaboury	1,859	0.02	2.57	0.00	0.00
Khammouane	1,870	0.02	2.39	0.00	0.00
Total		0.85	100.00	0.06	0.02

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.21 MACAU

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Macau 2004 - 2014

Year	Macau	% of Region	% of Globe
2004	0.57	0.05%	0.02%
2005	0.62	0.05%	0.02%
2006	0.68	0.06%	0.02%
2007	0.74	0.06%	0.02%
2008	0.81	0.06%	0.02%
2009	0.88	0.06%	0.02%
2010	0.96	0.07%	0.02%
2011	1.04	0.07%	0.02%
2012	1.13	0.07%	0.02%
2013	1.22	0.07%	0.02%
2014	1.33	0.08%	0.03%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Macau: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Macau	697	0.83	94.12	0.06	0.02
Taipa	1,765	0.04	4.52	0.00	0.00
Coloane	1,941	0.01	1.36	0.00	0.00
Total		0.88	100.00	0.06	0.02

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.22 MALAYSIA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Malaysia 2004 - 2014

Year	Malaysia	% of Region	% of Globe
2004	19.72	1.79%	0.54%
2005	20.53	1.78%	0.55%
2006	21.38	1.77%	0.55%
2007	22.26	1.76%	0.55%
2008	23.17	1.74%	0.56%
2009	24.09	1.73%	0.56%
2010	25.05	1.72%	0.56%
2011	26.05	1.70%	0.56%
2012	27.08	1.69%	0.57%
2013	28.15	1.68%	0.57%
2014	29.26	1.66%	0.57%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Malaysia: Worldwide Interoperability for Microwave Access (WiMAX) Equipment
in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Kuala Lumpur	174	5.32	22.08	0.38	0.12
Ipoh	396	1.78	7.38	0.13	0.04
Johor Baharu	446	1.53	6.34	0.11	0.04
Melaka	469	1.38	5.71	0.10	0.03
Petaling Jaya	531	1.18	4.92	0.09	0.03
Tawai	545	1.14	4.72	0.08	0.03
Kelang	548	1.13	4.70	0.08	0.03
Kuala Terengganu	595	1.06	4.41	0.08	0.02
Sandakan	604	1.04	4.31	0.07	0.02
Kota Baharu	611	1.02	4.24	0.07	0.02
George Town	612	1.02	4.23	0.07	0.02
Kota Kinabalu	632	0.97	4.02	0.07	0.02
Kuantan	653	0.92	3.83	0.07	0.02
Taiping	681	0.85	3.53	0.06	0.02
Seremban	685	0.85	3.52	0.06	0.02
Others		2.91	12.06	0.21	0.07
Total		24.09	100.00	1.73	0.56

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.23 MALDIVES

**Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$
Million): Maldives 2004 - 2014**

Year	Maldives	% of Region	% of Globe
2004	0.16	0.01%	0.00%
2005	0.16	0.01%	0.00%
2006	0.17	0.01%	0.00%
2007	0.18	0.01%	0.00%
2008	0.18	0.01%	0.00%
2009	0.19	0.01%	0.00%
2010	0.20	0.01%	0.00%
2011	0.21	0.01%	0.00%
2012	0.21	0.01%	0.00%
2013	0.22	0.01%	0.00%
2014	0.23	0.01%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Maldives: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Male	1,343	0.19	100.00	0.01	0.00
Total		0.19	100.00	0.01	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.24 MARSHALL ISLANDS

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Marshall Islands 2004 - 2014

Year	Marshall Islands	% of Region	% of Globe
2004	0.01	0.00%	0.00%
2005	0.01	0.00%	0.00%
2006	0.01	0.00%	0.00%
2007	0.01	0.00%	0.00%
2008	0.01	0.00%	0.00%
2009	0.01	0.00%	0.00%
2010	0.01	0.00%	0.00%
2011	0.01	0.00%	0.00%
2012	0.01	0.00%	0.00%
2013	0.01	0.00%	0.00%
2014	0.01	0.00%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Marshall Islands: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Majuro	1,995	0.01	100.00	0.00	0.00
Total		0.01	100.00	0.00	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.25 MICRONESIA FEDERATION

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Micronesia Federation 2004 - 2014

Year	Micronesia Federation	% of Region	% of Globe
2004	0.02	0.00%	0.00%
2005	0.02	0.00%	0.00%
2006	0.02	0.00%	0.00%
2007	0.02	0.00%	0.00%
2008	0.02	0.00%	0.00%
2009	0.02	0.00%	0.00%
2010	0.02	0.00%	0.00%
2011	0.02	0.00%	0.00%
2012	0.02	0.00%	0.00%
2013	0.02	0.00%	0.00%
2014	0.02	0.00%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Micronesia Federation: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Palikir	1,884	0.02	100.00	0.00	0.00
Total		0.02	100.00	0.00	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.26 MONGOLIA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Mongolia 2004 - 2014

Year	Mongolia	% of Region	% of Globe
2004	0.43	0.04%	0.01%
2005	0.45	0.04%	0.01%
2006	0.48	0.04%	0.01%
2007	0.51	0.04%	0.01%
2008	0.55	0.04%	0.01%
2009	0.58	0.04%	0.01%
2010	0.62	0.04%	0.01%
2011	0.65	0.04%	0.01%
2012	0.69	0.04%	0.01%
2013	0.73	0.04%	0.01%
2014	0.78	0.04%	0.02%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Mongolia: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Ulaanbaatar	989	0.43	74.25	0.03	0.01
Darhan	1,675	0.06	10.84	0.00	0.00
Erdenedalay	1,801	0.03	5.83	0.00	0.00
Choybalsan	1,886	0.02	3.12	0.00	0.00
Nalayh	1,942	0.01	2.03	0.00	0.00
Ulaangom	1,943	0.01	2.03	0.00	0.00
Uliastay	1,951	0.01	1.90	0.00	0.00
Total		0.58	100.00	0.04	0.01

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.27 NAURU

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Nauru 2004 - 2014

Year	Nauru	% of Region	% of Globe
2004	0.00	0.00%	0.00%
2005	0.00	0.00%	0.00%
2006	0.00	0.00%	0.00%
2007	0.00	0.00%	0.00%
2008	0.00	0.00%	0.00%
2009	0.00	0.00%	0.00%
2010	0.00	0.00%	0.00%
2011	0.00	0.00%	0.00%
2012	0.00	0.00%	0.00%
2013	0.00	0.00%	0.00%
2014	0.00	0.00%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Nauru: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Yaren	2,026	0.00	100.00	0.00	0.00
Total		0.00	100.00	0.00	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.28 NEPAL

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Nepal 2004 - 2014

Year	Nepal	% of Region	% of Globe
2004	1.80	0.16%	0.05%
2005	1.85	0.16%	0.05%
2006	1.89	0.16%	0.05%
2007	1.94	0.15%	0.05%
2008	1.98	0.15%	0.05%
2009	2.03	0.15%	0.05%
2010	2.08	0.14%	0.05%
2011	2.13	0.14%	0.05%
2012	2.18	0.14%	0.05%
2013	2.23	0.13%	0.04%
2014	2.28	0.13%	0.04%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Nepal: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Kathmandu	878	0.54	26.43	0.04	0.01
Sallyan	1,078	0.35	17.10	0.02	0.01
Pyuthan	1,083	0.34	16.65	0.02	0.01
Jumla	1,138	0.30	14.85	0.02	0.01
Biratnagar	1,292	0.21	10.57	0.02	0.00
Lalitpur	1,360	0.18	9.00	0.01	0.00
Bhaktapur	1,521	0.11	5.40	0.01	0.00
Total		2.03	100.00	0.15	0.05

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.29 NEW CALEDONIA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): New Caledonia 2004 - 2014

Year	New Caledonia	% of Region	% of Globe
2004	0.18	0.02%	0.01%
2005	0.19	0.02%	0.01%
2006	0.19	0.02%	0.00%
2007	0.20	0.02%	0.00%
2008	0.20	0.02%	0.00%
2009	0.21	0.02%	0.00%
2010	0.22	0.01%	0.00%
2011	0.22	0.01%	0.00%
2012	0.23	0.01%	0.00%
2013	0.23	0.01%	0.00%
2014	0.24	0.01%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

New Caledonia: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Noumea	1,414	0.16	76.74	0.01	0.00
Dumbea	1,910	0.01	6.98	0.00	0.00
Bourail	1,967	0.01	4.65	0.00	0.00
Canala	1,968	0.01	4.65	0.00	0.00
Thio	1,999	0.01	3.49	0.00	0.00
Hienghene	2,020	0.00	2.33	0.00	0.00
Houailu	2,054	0.00	1.16	0.00	0.00
Total		0.21	100.00	0.02	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.30 NEW ZEALAND

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): New Zealand 2004 - 2014

Year	New Zealand	% of Region	% of Globe
2004	6.56	0.60%	0.18%
2005	6.74	0.58%	0.18%
2006	6.92	0.57%	0.18%
2007	7.10	0.56%	0.18%
2008	7.29	0.55%	0.17%
2009	7.48	0.54%	0.17%
2010	7.68	0.53%	0.17%
2011	7.88	0.52%	0.17%
2012	8.09	0.50%	0.17%
2013	8.30	0.49%	0.17%
2014	8.51	0.48%	0.17%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

New Zealand: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Auckland	259	2.84	38.01	0.20	0.07
Wellington	636	0.96	12.80	0.07	0.02
Christchurch	648	0.93	12.46	0.07	0.02
Hamilton	965	0.45	6.06	0.03	0.01
Napier-Hastings	1,100	0.32	4.32	0.02	0.01
Dunedin	1,107	0.32	4.25	0.02	0.01
Waitemata	1,161	0.29	3.87	0.02	0.01
Tauranga	1,256	0.24	3.15	0.02	0.01
Palmerston North	1,300	0.21	2.83	0.02	0.00
Rotorua	1,433	0.15	2.03	0.01	0.00
Nelson	1,445	0.15	1.94	0.01	0.00
Invercargill	1,449	0.14	1.89	0.01	0.00
New Plymouth	1,452	0.14	1.87	0.01	0.00
Whangarei	1,479	0.13	1.69	0.01	0.00
Wanganui	1,497	0.12	1.57	0.01	0.00
Others		0.09	1.25	0.01	0.00
Total		7.48	100.00	0.54	0.17

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.31 NIUE

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Niue 2004 - 2014

Year	Niue	% of Region	% of Globe
2004	0.00	0.00%	0.00%
2005	0.00	0.00%	0.00%
2006	0.00	0.00%	0.00%
2007	0.00	0.00%	0.00%
2008	0.00	0.00%	0.00%
2009	0.00	0.00%	0.00%
2010	0.00	0.00%	0.00%
2011	0.00	0.00%	0.00%
2012	0.00	0.00%	0.00%
2013	0.00	0.00%	0.00%
2014	0.00	0.00%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Niue: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Alofi	2,076	0.00	100.00	0.00	0.00
Total		0.00	100.00	0.00	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.32 NORFOLK ISLAND

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Norfolk Island 2004 - 2014

Year	Norfolk Island	% of Region	% of Globe
2004	0.00	0.00%	0.00%
2005	0.00	0.00%	0.00%
2006	0.00	0.00%	0.00%
2007	0.00	0.00%	0.00%
2008	0.00	0.00%	0.00%
2009	0.00	0.00%	0.00%
2010	0.00	0.00%	0.00%
2011	0.00	0.00%	0.00%
2012	0.00	0.00%	0.00%
2013	0.00	0.00%	0.00%
2014	0.00	0.00%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Norfolk Island: Worldwide Interoperability for Microwave Access (WiMAX)
Equipment in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Kingston	2,034	0.00	100.00	0.00	0.00
Total		0.00	100.00	0.00	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.33 NORTH KOREA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): North Korea 2004 - 2014

Year	North Korea	% of Region	% of Globe
2004	2.53	0.23%	0.07%
2005	2.55	0.22%	0.07%
2006	2.56	0.21%	0.07%
2007	2.58	0.20%	0.06%
2008	2.59	0.19%	0.06%
2009	2.60	0.19%	0.06%
2010	2.62	0.18%	0.06%
2011	2.63	0.17%	0.06%
2012	2.65	0.17%	0.06%
2013	2.66	0.16%	0.05%
2014	2.68	0.15%	0.05%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**North Korea: Worldwide Interoperability for Microwave Access (WiMAX)
Equipment in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Pyongyang	605	1.04	39.81	0.07	0.02
Chongjin	1,147	0.30	11.37	0.02	0.01
Nampo	1,187	0.27	10.42	0.02	0.01
Sinuiju	1,329	0.20	7.54	0.01	0.00
Hungnam	1,424	0.16	6.03	0.01	0.00
Wonsan	1,459	0.14	5.28	0.01	0.00
Kaesong	1,461	0.14	5.22	0.01	0.00
Hamhung	1,475	0.13	4.90	0.01	0.00
Kimchaek	1,518	0.11	4.24	0.01	0.00
Haeju	1,594	0.08	3.21	0.01	0.00
Sariwon	1,719	0.05	1.96	0.00	0.00
Total		2.60	100.00	0.19	0.06

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.34 PALAU

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Palau 2004 - 2014

Year	Palau	% of Region	% of Globe
2004	0.01	0.00%	0.00%
2005	0.01	0.00%	0.00%
2006	0.01	0.00%	0.00%
2007	0.01	0.00%	0.00%
2008	0.01	0.00%	0.00%
2009	0.01	0.00%	0.00%
2010	0.01	0.00%	0.00%
2011	0.01	0.00%	0.00%
2012	0.01	0.00%	0.00%
2013	0.01	0.00%	0.00%
2014	0.01	0.00%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Palau: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Koror	1,986	0.01	100.00	0.00	0.00
Total		0.01	100.00	0.00	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.35 PAPUA NEW GUINEA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Papua New Guinea 2004 - 2014

Year	Papua New Guinea	% of Region	% of Globe
2004	0.95	0.09%	0.03%
2005	0.98	0.08%	0.03%
2006	1.01	0.08%	0.03%
2007	1.04	0.08%	0.03%
2008	1.07	0.08%	0.03%
2009	1.11	0.08%	0.03%
2010	1.14	0.08%	0.03%
2011	1.18	0.08%	0.03%
2012	1.21	0.08%	0.03%
2013	1.25	0.07%	0.03%
2014	1.29	0.07%	0.03%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Papua New Guinea: Worldwide Interoperability for Microwave Access (WiMAX)
Equipment in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Port Moresby	900	0.51	45.92	0.04	0.01
Lae	1,195	0.27	24.17	0.02	0.01
Madang	1,596	0.08	7.55	0.01	0.00
Wewak	1,616	0.08	6.95	0.01	0.00
Goroka	1,634	0.07	6.65	0.01	0.00
Rabaul	1,712	0.05	4.83	0.00	0.00
Mount Hagen	1,751	0.04	3.93	0.00	0.00
Total		1.11	100.00	0.08	0.03

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.36 PHILIPPINES

**Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$
Million): Philippines 2004 - 2014**

Year	Philippines	% of Region	% of Globe
2004	15.93	1.45%	0.44%
2005	16.73	1.45%	0.45%
2006	17.56	1.45%	0.45%
2007	18.44	1.45%	0.46%
2008	19.35	1.46%	0.46%
2009	20.28	1.46%	0.47%
2010	21.25	1.46%	0.48%
2011	22.26	1.46%	0.48%
2012	23.32	1.46%	0.49%
2013	24.43	1.46%	0.49%
2014	25.59	1.45%	0.50%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Philippines: Worldwide Interoperability for Microwave Access (WiMAX)
Equipment in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Manila	42	17.94	88.46	1.29	0.42
Quezon City	1,006	0.42	2.05	0.03	0.01
Davao	1,250	0.24	1.18	0.02	0.01
Cebu	1,394	0.17	0.84	0.01	0.00
Caloocan	1,418	0.16	0.79	0.01	0.00
Makati	1,512	0.11	0.55	0.01	0.00
Zamboanga	1,520	0.11	0.54	0.01	0.00
Cagayan de Oro	1,538	0.10	0.51	0.01	0.00
Pasig	1,555	0.10	0.49	0.01	0.00
Pasay	1,560	0.10	0.48	0.01	0.00
Las Pinas	1,564	0.09	0.47	0.01	0.00
Bacolod	1,586	0.09	0.42	0.01	0.00
Valenzuela	1,590	0.08	0.42	0.01	0.00
Marikina	1,615	0.08	0.38	0.01	0.00
Paranaque	1,619	0.08	0.38	0.01	0.00
Others		0.42	2.06	0.03	0.01
Total		20.28	100.00	1.46	0.47

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.37 SEYCHELLES

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Seychelles 2004 - 2014

Year	Seychelles	% of Region	% of Globe
2004	0.09	0.01%	0.00%
2005	0.09	0.01%	0.00%
2006	0.10	0.01%	0.00%
2007	0.10	0.01%	0.00%
2008	0.11	0.01%	0.00%
2009	0.11	0.01%	0.00%
2010	0.12	0.01%	0.00%
2011	0.12	0.01%	0.00%
2012	0.13	0.01%	0.00%
2013	0.13	0.01%	0.00%
2014	0.14	0.01%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Seychelles: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Victoria	1,610	0.08	69.70	0.01	0.00
Anse Boileau	1,918	0.01	12.12	0.00	0.00
Cascade	1,962	0.01	9.09	0.00	0.00
Anse Royale	1,963	0.01	9.09	0.00	0.00
Total		0.11	100.00	0.01	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.38 SINGAPORE

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Singapore 2004 - 2014

Year	Singapore	% of Region	% of Globe
2004	11.82	1.07%	0.33%
2005	12.42	1.08%	0.33%
2006	13.06	1.08%	0.34%
2007	13.72	1.08%	0.34%
2008	14.42	1.08%	0.35%
2009	15.12	1.09%	0.35%
2010	15.86	1.09%	0.36%
2011	16.63	1.09%	0.36%
2012	17.44	1.09%	0.36%
2013	18.29	1.09%	0.37%
2014	19.18	1.09%	0.37%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Singapore: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Singapore	52	15.12	100.00	1.09	0.35
Total		15.12	100.00	1.09	0.35

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.39 SOLOMON ISLANDS

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Solomon Islands 2004 - 2014

Year	Solomon Islands	% of Region	% of Globe
2004	0.05	0.00%	0.00%
2005	0.05	0.00%	0.00%
2006	0.05	0.00%	0.00%
2007	0.05	0.00%	0.00%
2008	0.05	0.00%	0.00%
2009	0.05	0.00%	0.00%
2010	0.06	0.00%	0.00%
2011	0.06	0.00%	0.00%
2012	0.06	0.00%	0.00%
2013	0.06	0.00%	0.00%
2014	0.06	0.00%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Solomon Islands: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Honiara	1,711	0.05	100.00	0.00	0.00
Total		0.05	100.00	0.00	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.40 SOUTH KOREA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): South Korea 2004 - 2014

Year	South Korea	% of Region	% of Globe
2004	67.57	6.14%	1.86%
2005	70.06	6.08%	1.87%
2006	72.64	6.01%	1.87%
2007	75.31	5.94%	1.87%
2008	78.07	5.87%	1.87%
2009	80.87	5.81%	1.87%
2010	83.76	5.74%	1.88%
2011	86.76	5.68%	1.88%
2012	89.86	5.61%	1.88%
2013	93.05	5.54%	1.88%
2014	96.35	5.48%	1.87%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**South Korea: Worldwide Interoperability for Microwave Access (WiMAX)
Equipment in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Seoul	13	39.50	48.85	2.84	0.92
Pusan	94	9.94	12.29	0.71	0.23
Inchon	136	7.02	8.68	0.50	0.16
Taegu	164	5.70	7.05	0.41	0.13
Taejon	229	3.36	4.16	0.24	0.08
Kwangju	230	3.36	4.16	0.24	0.08
Ulsan	234	3.23	3.99	0.23	0.07
Suwon	255	2.93	3.62	0.21	0.07
Masan	369	1.92	2.37	0.14	0.04
Chonju	430	1.61	1.99	0.12	0.04
Cheju	459	1.46	1.81	0.11	0.03
Mokpo	696	0.83	1.03	0.06	0.02
Total		80.87	100.00	5.81	1.87

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.41 SRI LANKA

**Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$
Million): Sri Lanka 2004 - 2014**

Year	Sri Lanka	% of Region	% of Globe
2004	4.56	0.41%	0.13%
2005	4.75	0.41%	0.13%
2006	4.96	0.41%	0.13%
2007	5.17	0.41%	0.13%
2008	5.39	0.41%	0.13%
2009	5.61	0.40%	0.13%
2010	5.84	0.40%	0.13%
2011	6.08	0.40%	0.13%
2012	6.33	0.40%	0.13%
2013	6.59	0.39%	0.13%
2014	6.86	0.39%	0.13%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Sri Lanka: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Colombo	286	2.56	45.56	0.18	0.06
Dehiwala	757	0.71	12.74	0.05	0.02
Jaffna	881	0.54	9.54	0.04	0.01
Moratuwa	895	0.52	9.21	0.04	0.01
Kandy	929	0.49	8.67	0.03	0.01
Galle	1,019	0.41	7.27	0.03	0.01
Negombo	1,268	0.23	4.07	0.02	0.01
Trincomalee	1,412	0.16	2.94	0.01	0.00
Total		5.61	100.00	0.40	0.13

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.42 TAIWAN

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Taiwan 2004 - 2014

Year	Taiwan	% of Region	% of Globe
2004	38.19	3.47%	1.05%
2005	39.72	3.45%	1.06%
2006	41.31	3.42%	1.06%
2007	42.96	3.39%	1.07%
2008	44.67	3.36%	1.07%
2009	46.41	3.33%	1.08%
2010	48.21	3.31%	1.08%
2011	50.08	3.28%	1.08%
2012	52.02	3.25%	1.09%
2013	54.02	3.22%	1.09%
2014	56.10	3.19%	1.09%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Taiwan: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Taipei	62	13.90	29.96	1.00	0.32
Kaohsiung	162	5.85	12.60	0.42	0.14
Taichung	207	3.95	8.52	0.28	0.09
Tainan	303	2.39	5.14	0.17	0.06
Panchiao	377	1.89	4.07	0.14	0.04
Hsinchu	465	1.39	2.99	0.10	0.03
Chungho	468	1.38	2.97	0.10	0.03
Sanchung	482	1.36	2.92	0.10	0.03
Keelung	505	1.28	2.77	0.09	0.03
Chungli	584	1.07	2.30	0.08	0.02
Chiayi	607	1.03	2.23	0.07	0.02
Taoyuan	635	0.96	2.07	0.07	0.02
Fengshan	646	0.93	2.01	0.07	0.02
Hsintien	664	0.89	1.92	0.06	0.02
Yungho	695	0.83	1.79	0.06	0.02
Others		7.30	15.72	0.52	0.17
Total		46.41	100.00	3.33	1.08

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.43 THAILAND

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Thailand 2004 - 2014

Year	Thailand	% of Region	% of Globe
2004	29.37	2.67%	0.81%
2005	30.39	2.64%	0.81%
2006	31.44	2.60%	0.81%
2007	32.53	2.57%	0.81%
2008	33.66	2.53%	0.81%
2009	34.80	2.50%	0.81%
2010	35.97	2.47%	0.81%
2011	37.18	2.43%	0.80%
2012	38.44	2.40%	0.80%
2013	39.73	2.37%	0.80%
2014	41.06	2.33%	0.80%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Thailand: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Bangkok	18	32.40	93.11	2.33	0.75
Chon Buri	524	1.20	3.46	0.09	0.03
Songkhla	1,064	0.37	1.06	0.03	0.01
Nakhon Ratchasima	1,287	0.22	0.63	0.02	0.01
Chiang Mai	1,297	0.21	0.61	0.02	0.00
Khon Kaen	1,344	0.19	0.55	0.01	0.00
Nakhon Si Thammarat	1,457	0.14	0.40	0.01	0.00
Phitsanulok	1,687	0.06	0.17	0.00	0.00
Hat Yai	1,988	0.01	0.02	0.00	0.00
Total		34.80	100.00	2.50	0.81

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.44 THE NORTHERN MARIANA ISLAND

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): The Northern Mariana Island 2004 - 2014

Year	The Northern Mariana Island	% of Region	% of Globe
2004	0.05	0.00%	0.00%
2005	0.05	0.00%	0.00%
2006	0.06	0.00%	0.00%
2007	0.06	0.00%	0.00%
2008	0.06	0.00%	0.00%
2009	0.06	0.00%	0.00%
2010	0.06	0.00%	0.00%
2011	0.06	0.00%	0.00%
2012	0.06	0.00%	0.00%
2013	0.07	0.00%	0.00%
2014	0.07	0.00%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

The Northern Mariana Island: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Saipan	1,688	0.06	100.00	0.00	0.00
Total		0.06	100.00	0.00	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.45 TOKELAU

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Tokelau 2004 - 2014

Year	Tokelau	% of Region	% of Globe
2004	0.00	0.00%	0.00%
2005	0.00	0.00%	0.00%
2006	0.00	0.00%	0.00%
2007	0.00	0.00%	0.00%
2008	0.00	0.00%	0.00%
2009	0.00	0.00%	0.00%
2010	0.00	0.00%	0.00%
2011	0.00	0.00%	0.00%
2012	0.00	0.00%	0.00%
2013	0.00	0.00%	0.00%
2014	0.00	0.00%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Tokelau: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Tokelau	2,077	0.00	100.00	0.00	0.00
Total		0.00	100.00	0.00	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.46 TONGA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Tonga 2004 - 2014

Year	Tonga	% of Region	% of Globe
2004	0.06	0.01%	0.00%
2005	0.06	0.00%	0.00%
2006	0.06	0.00%	0.00%
2007	0.06	0.00%	0.00%
2008	0.06	0.00%	0.00%
2009	0.06	0.00%	0.00%
2010	0.06	0.00%	0.00%
2011	0.06	0.00%	0.00%
2012	0.06	0.00%	0.00%
2013	0.06	0.00%	0.00%
2014	0.06	0.00%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Tonga: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Nuku'alofa	1,700	0.06	100.00	0.00	0.00
Total		0.06	100.00	0.00	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.47 TUVALU

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Tuvalu 2004 - 2014

Year	Tuvalu	% of Region	% of Globe
2004	0.00	0.00%	0.00%
2005	0.00	0.00%	0.00%
2006	0.00	0.00%	0.00%
2007	0.00	0.00%	0.00%
2008	0.00	0.00%	0.00%
2009	0.00	0.00%	0.00%
2010	0.00	0.00%	0.00%
2011	0.00	0.00%	0.00%
2012	0.00	0.00%	0.00%
2013	0.00	0.00%	0.00%
2014	0.00	0.00%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Tuvalu: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Funafuti	2,072	0.00	100.00	0.00	0.00
Total		0.00	100.00	0.00	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.48 VANUATU

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Vanuatu 2004 - 2014

Year	Vanuatu	% of Region	% of Globe
2004	0.04	0.00%	0.00%
2005	0.04	0.00%	0.00%
2006	0.04	0.00%	0.00%
2007	0.05	0.00%	0.00%
2008	0.05	0.00%	0.00%
2009	0.05	0.00%	0.00%
2010	0.05	0.00%	0.00%
2011	0.05	0.00%	0.00%
2012	0.06	0.00%	0.00%
2013	0.06	0.00%	0.00%
2014	0.06	0.00%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Vanuatu: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Port Vila	1,723	0.05	100.00	0.00	0.00
Total		0.05	100.00	0.00	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.49 VIETNAM

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Vietnam 2004 - 2014

Year	Vietnam	% of Region	% of Globe
2004	11.56	1.05%	0.32%
2005	12.22	1.06%	0.33%
2006	12.91	1.07%	0.33%
2007	13.64	1.08%	0.34%
2008	14.40	1.08%	0.35%
2009	15.18	1.09%	0.35%
2010	16.00	1.10%	0.36%
2011	16.86	1.10%	0.36%
2012	17.76	1.11%	0.37%
2013	18.72	1.12%	0.38%
2014	19.72	1.12%	0.38%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Vietnam: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Ho Chi Minh	182	4.78	31.46	0.34	0.11
Can Tho	203	4.05	26.70	0.29	0.09
Hanoi	267	2.74	18.05	0.20	0.06
Thai Nguyen	528	1.19	7.83	0.09	0.03
Da Nang	529	1.19	7.81	0.09	0.03
Hue	647	0.93	6.15	0.07	0.02
Pleyku	1,137	0.30	2.00	0.02	0.01
Total		15.18	100.00	1.09	0.35

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.50 WALLIS AND FUTUNA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Wallis and Futuna 2004 - 2014

Year	Wallis and Futuna	% of Region	% of Globe
2004	0.00	0.00%	0.00%
2005	0.00	0.00%	0.00%
2006	0.00	0.00%	0.00%
2007	0.00	0.00%	0.00%
2008	0.00	0.00%	0.00%
2009	0.00	0.00%	0.00%
2010	0.00	0.00%	0.00%
2011	0.00	0.00%	0.00%
2012	0.00	0.00%	0.00%
2013	0.00	0.00%	0.00%
2014	0.00	0.00%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Wallis and Futuna: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Mata-Utu	2,025	0.00	100.00	0.00	0.00
Total		0.00	100.00	0.00	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

3.51 WESTERN SAMOA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Western Samoa 2004 - 2014

Year	Western Samoa	% of Region	% of Globe
2004	0.07	0.01%	0.00%
2005	0.07	0.01%	0.00%
2006	0.07	0.01%	0.00%
2007	0.08	0.01%	0.00%
2008	0.08	0.01%	0.00%
2009	0.08	0.01%	0.00%
2010	0.09	0.01%	0.00%
2011	0.09	0.01%	0.00%
2012	0.09	0.01%	0.00%
2013	0.10	0.01%	0.00%
2014	0.10	0.01%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Western Samoa: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Apia	1,600	0.08	100.00	0.01	0.00
Total		0.08	100.00	0.01	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4 EUROPE

4.1 EXECUTIVE SUMMARY

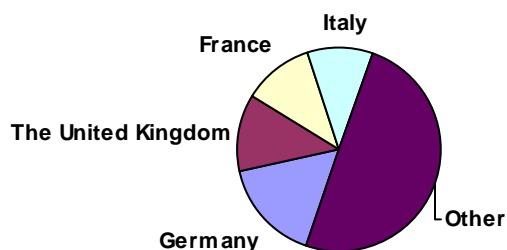
Market Potential for Worldwide Interoperability for Microwave Access (WiMAX)

Equipment in Europe (US\$ Million): 2009

Country	Latent Demand US\$ Million	% of Europe
Germany	187.85	16.35%
The United Kingdom	142.58	12.41%
France	136.52	11.88%
Italy	118.95	10.35%
Spain	90.85	7.91%
Russia	70.69	6.15%
The Netherlands	42.55	3.70%
Poland	42.21	3.67%
Belgium	25.14	2.19%
Sweden	22.17	1.93%
Greece	21.76	1.89%
Ukraine	21.76	1.89%
Austria	21.27	1.85%
Switzerland	19.95	1.74%
Norway	17.26	1.50%
Czech Republic	16.77	1.46%
Romania	16.62	1.45%
Portugal	15.33	1.33%
Denmark	13.51	1.18%
Hungary	12.85	1.12%
Ireland	12.60	1.10%
Finland	12.44	1.08%
Kazakhstan	11.03	0.96%
Slovakia	7.35	0.64%
Belarus	7.09	0.62%
Other	41.90	3.65%
Total	1,149.00	100.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Market Potential for Worldwide Interoperability for Microwave Access (WiMAX)
Equipment in Europe (US\$ Million): 2009**



**The Market for Worldwide Interoperability for Microwave Access (WiMAX)
Equipment in Europe: 2004 - 2014**

Year	US\$ Million	% of Globe
2004	992.78	27.39
2005	1,022.16	27.25
2006	1,052.52	27.10
2007	1,083.89	26.94
2008	1,116.21	26.79
2009	1,149.00	26.64
2010	1,182.76	26.49
2011	1,217.62	26.33
2012	1,253.60	26.17
2013	1,290.53	26.01
2014	1,328.63	25.85

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.2 ALBANIA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Albania 2004 - 2014

Year	Albania	% of Region	% of Globe
2004	1.10	0.11%	0.03%
2005	1.15	0.11%	0.03%
2006	1.19	0.11%	0.03%
2007	1.23	0.11%	0.03%
2008	1.28	0.11%	0.03%
2009	1.33	0.12%	0.03%
2010	1.37	0.12%	0.03%
2011	1.42	0.12%	0.03%
2012	1.48	0.12%	0.03%
2013	1.53	0.12%	0.03%
2014	1.58	0.12%	0.03%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Albania: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Tirane	992	0.43	32.42	0.04	0.01
Durres	1,437	0.15	11.33	0.01	0.00
Elbasan	1,440	0.15	11.19	0.01	0.00
Shkoder	1,446	0.14	10.90	0.01	0.00
Vlore	1,474	0.13	9.76	0.01	0.00
Korce	1,496	0.12	8.90	0.01	0.00
Berat	1,608	0.08	5.88	0.01	0.00
Fier	1,621	0.08	5.74	0.01	0.00
Lushnje	1,718	0.05	3.87	0.00	0.00
Total		1.33	100.00	0.12	0.03

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.3 ANDORRA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Andorra 2004 - 2014

Year	Andorra	% of Region	% of Globe
2004	0.16	0.02%	0.00%
2005	0.16	0.02%	0.00%
2006	0.17	0.02%	0.00%
2007	0.17	0.02%	0.00%
2008	0.18	0.02%	0.00%
2009	0.18	0.02%	0.00%
2010	0.19	0.02%	0.00%
2011	0.20	0.02%	0.00%
2012	0.20	0.02%	0.00%
2013	0.21	0.02%	0.00%
2014	0.21	0.02%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Andorra: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Andorra la Vella	1,516	0.11	60.00	0.01	0.00
Les Escaldes	1,632	0.07	40.00	0.01	0.00
Total		0.18	100.00	0.02	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.4 AUSTRIA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Austria 2004 - 2014

Year	Austria	% of Region	% of Globe
2004	18.51	1.86%	0.51%
2005	19.04	1.86%	0.51%
2006	19.57	1.86%	0.50%
2007	20.13	1.86%	0.50%
2008	20.70	1.85%	0.50%
2009	21.27	1.85%	0.49%
2010	21.86	1.85%	0.49%
2011	22.47	1.85%	0.49%
2012	23.09	1.84%	0.48%
2013	23.73	1.84%	0.48%
2014	24.38	1.83%	0.47%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Austria: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Vienna	68	12.78	60.06	1.11	0.30
Graz	358	2.03	9.53	0.18	0.05
Linz	419	1.67	7.85	0.15	0.04
Salzburg	537	1.16	5.45	0.10	0.03
Innsbruck	630	0.98	4.59	0.08	0.02
Klagenfurt	750	0.73	3.41	0.06	0.02
Villach	976	0.44	2.08	0.04	0.01
Wels	995	0.43	2.00	0.04	0.01
Sankt Poelten	1,005	0.42	1.96	0.04	0.01
Steyr	1,108	0.32	1.49	0.03	0.01
Bregenz	1,261	0.23	1.10	0.02	0.01
Eisenstadt	1,548	0.10	0.47	0.01	0.00
Total		21.27	100.00	1.85	0.49

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.5 BELARUS

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Belarus 2004 - 2014

Year	Belarus	% of Region	% of Globe
2004	5.63	0.57%	0.16%
2005	5.90	0.58%	0.16%
2006	6.18	0.59%	0.16%
2007	6.47	0.60%	0.16%
2008	6.78	0.61%	0.16%
2009	7.09	0.62%	0.16%
2010	7.41	0.63%	0.17%
2011	7.75	0.64%	0.17%
2012	8.11	0.65%	0.17%
2013	8.48	0.66%	0.17%
2014	8.86	0.67%	0.17%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Belarus: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Minsk	274	2.69	37.91	0.23	0.06
Gomel	688	0.85	11.93	0.07	0.02
Mogilyov	831	0.60	8.49	0.05	0.01
Vitebsk	840	0.59	8.35	0.05	0.01
Grodno	963	0.46	6.44	0.04	0.01
Brest	982	0.44	6.15	0.04	0.01
Bobruysk	1,052	0.38	5.32	0.03	0.01
Baranovichi	1,192	0.27	3.79	0.02	0.01
Borisov	1,239	0.24	3.44	0.02	0.01
Orsha	1,307	0.21	2.93	0.02	0.00
Pinsk	1,318	0.20	2.84	0.02	0.00
Mozyr	1,393	0.17	2.41	0.01	0.00
Total		7.09	100.00	0.62	0.16

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.6 BELGIUM

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Belgium 2004 - 2014

Year	Belgium	% of Region	% of Globe
2004	22.21	2.24%	0.61%
2005	22.77	2.23%	0.61%
2006	23.34	2.22%	0.60%
2007	23.93	2.21%	0.59%
2008	24.53	2.20%	0.59%
2009	25.14	2.19%	0.58%
2010	25.76	2.18%	0.58%
2011	26.40	2.17%	0.57%
2012	27.05	2.16%	0.56%
2013	27.71	2.15%	0.56%
2014	28.39	2.14%	0.55%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Belgium: Worldwide Interoperability for Microwave Access (WiMAX) Equipment
in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Brussels	112	8.77	34.89	0.76	0.20
Antwerp	200	4.30	17.12	0.37	0.10
Ghent	341	2.11	8.38	0.18	0.05
Charleroi	376	1.89	7.52	0.16	0.04
Liege	392	1.81	7.19	0.16	0.04
Bruges	585	1.07	4.24	0.09	0.02
Namur	649	0.93	3.71	0.08	0.02
Mons	701	0.81	3.24	0.07	0.02
Leuven	730	0.76	3.02	0.07	0.02
Aalst	770	0.70	2.77	0.06	0.02
Mechelen	774	0.69	2.73	0.06	0.02
Kortrijk	775	0.69	2.73	0.06	0.02
Oostende	820	0.61	2.45	0.05	0.01
Total		25.14	100.00	2.19	0.58

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.7 BOSNIA AND HERZEGOVINA

**Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$
Million): Bosnia and Herzegovina 2004 - 2014**

Year	Bosnia and Herzegovina	% of Region	% of Globe
2004	1.65	0.17%	0.05%
2005	1.72	0.17%	0.05%
2006	1.79	0.17%	0.05%
2007	1.86	0.17%	0.05%
2008	1.93	0.17%	0.05%
2009	2.01	0.17%	0.05%
2010	2.09	0.18%	0.05%
2011	2.17	0.18%	0.05%
2012	2.25	0.18%	0.05%
2013	2.34	0.18%	0.05%
2014	2.43	0.18%	0.05%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Bosnia and Herzegovina: Worldwide Interoperability for Microwave Access
(WiMAX) Equipment in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Sarajevo	715	0.79	39.33	0.07	0.02
Banja Luca	1,154	0.29	14.57	0.03	0.01
Zenica	1,288	0.22	10.84	0.02	0.01
Tuzla	1,327	0.20	9.80	0.02	0.00
Mostar	1,349	0.19	9.44	0.02	0.00
Prijedor	1,405	0.17	8.37	0.01	0.00
Doboj	1,430	0.15	7.63	0.01	0.00
Total		2.01	100.00	0.17	0.05

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.8 BULGARIA

**Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$
Million): Bulgaria 2004 - 2014**

Year	Bulgaria	% of Region	% of Globe
2004	4.74	0.48%	0.13%
2005	4.95	0.48%	0.13%
2006	5.16	0.49%	0.13%
2007	5.38	0.50%	0.13%
2008	5.61	0.50%	0.13%
2009	5.85	0.51%	0.14%
2010	6.09	0.52%	0.14%
2011	6.35	0.52%	0.14%
2012	6.61	0.53%	0.14%
2013	6.89	0.53%	0.14%
2014	7.17	0.54%	0.14%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Bulgaria: Worldwide Interoperability for Microwave Access (WiMAX) Equipment
in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Sofia	315	2.28	39.05	0.20	0.05
Plovdiv	751	0.72	12.35	0.06	0.02
Varna	816	0.62	10.58	0.05	0.01
Burgas	1,027	0.40	6.85	0.03	0.01
Ruse	1,044	0.38	6.57	0.03	0.01
Stara Zagora	1,114	0.32	5.40	0.03	0.01
Pleven	1,188	0.27	4.64	0.02	0.01
Tolbukhin	1,277	0.22	3.84	0.02	0.01
Sliven	1,291	0.22	3.70	0.02	0.01
Shumen	1,293	0.21	3.67	0.02	0.00
Pernik	1,331	0.20	3.36	0.02	0.00
Total		5.85	100.00	0.51	0.14

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.9 CROATIA

**Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$
Million): Croatia 2004 - 2014**

Year	Croatia	% of Region	% of Globe
2004	3.83	0.39%	0.11%
2005	3.99	0.39%	0.11%
2006	4.15	0.39%	0.11%
2007	4.32	0.40%	0.11%
2008	4.50	0.40%	0.11%
2009	4.67	0.41%	0.11%
2010	4.86	0.41%	0.11%
2011	5.05	0.41%	0.11%
2012	5.24	0.42%	0.11%
2013	5.45	0.42%	0.11%
2014	5.66	0.43%	0.11%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Croatia: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Zagreb	279	2.64	56.52	0.23	0.06
Rijeka	979	0.44	9.38	0.04	0.01
Split	1,020	0.41	8.71	0.04	0.01
Osijek	1,070	0.36	7.65	0.03	0.01
Zadar	1,209	0.26	5.58	0.02	0.01
Slavonski Brod	1,252	0.24	5.10	0.02	0.01
Vukovar	1,363	0.18	3.90	0.02	0.00
Dubrovnik	1,441	0.15	3.17	0.01	0.00
Total		4.67	100.00	0.41	0.11

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.10 CYPRUS

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Cyprus 2004 - 2014

Year	Cyprus	% of Region	% of Globe
2004	1.21	0.12%	0.03%
2005	1.25	0.12%	0.03%
2006	1.30	0.12%	0.03%
2007	1.34	0.12%	0.03%
2008	1.39	0.12%	0.03%
2009	1.43	0.12%	0.03%
2010	1.48	0.13%	0.03%
2011	1.53	0.13%	0.03%
2012	1.58	0.13%	0.03%
2013	1.63	0.13%	0.03%
2014	1.69	0.13%	0.03%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Cyprus: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Nicosia	809	0.63	43.83	0.05	0.01
Limassol	969	0.45	31.50	0.04	0.01
Larnaca	1,324	0.20	13.91	0.02	0.00
Famagusta	1,427	0.15	10.76	0.01	0.00
Total		1.43	100.00	0.12	0.03

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.11 CZECH REPUBLIC

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Czech Republic 2004 - 2014

Year	Czech Republic	% of Region	% of Globe
2004	13.73	1.38%	0.38%
2005	14.29	1.40%	0.38%
2006	14.88	1.41%	0.38%
2007	15.49	1.43%	0.39%
2008	16.13	1.44%	0.39%
2009	16.77	1.46%	0.39%
2010	17.44	1.47%	0.39%
2011	18.13	1.49%	0.39%
2012	18.85	1.50%	0.39%
2013	19.59	1.52%	0.39%
2014	20.37	1.53%	0.40%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Czech Republic: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Prague	131	7.48	44.62	0.65	0.17
Brno	300	2.41	14.35	0.21	0.06
Ostrava	353	2.05	12.21	0.18	0.05
Plzen	575	1.09	6.47	0.09	0.03
Olomouc	795	0.66	3.92	0.06	0.02
Usti nad Labem	798	0.65	3.88	0.06	0.02
Liberec	806	0.64	3.81	0.06	0.01
Hradec Kralove	815	0.62	3.70	0.05	0.01
Pardubice	841	0.59	3.51	0.05	0.01
Ceske Budejovice	842	0.59	3.51	0.05	0.01
Total		16.77	100.00	1.46	0.39

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.12 DENMARK

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Denmark 2004 - 2014

Year	Denmark	% of Region	% of Globe
2004	12.24	1.23%	0.34%
2005	12.49	1.22%	0.33%
2006	12.73	1.21%	0.33%
2007	12.99	1.20%	0.32%
2008	13.25	1.19%	0.32%
2009	13.51	1.18%	0.31%
2010	13.77	1.16%	0.31%
2011	14.05	1.15%	0.30%
2012	14.32	1.14%	0.30%
2013	14.60	1.13%	0.29%
2014	14.89	1.12%	0.29%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Denmark: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Copenhagen	130	7.52	55.68	0.65	0.17
Aarhus	460	1.44	10.63	0.12	0.03
Odense	633	0.97	7.17	0.08	0.02
Aalborg	677	0.86	6.38	0.08	0.02
Esbjerg	970	0.45	3.34	0.04	0.01
Randers	1,082	0.34	2.51	0.03	0.01
Helsingor	1,109	0.32	2.35	0.03	0.01
Kolding	1,110	0.32	2.35	0.03	0.01
Herning	1,119	0.31	2.31	0.03	0.01
Horsens	1,133	0.31	2.27	0.03	0.01
Vejle	1,232	0.24	1.81	0.02	0.01
Roskilde	1,280	0.22	1.65	0.02	0.01
Naestved	1,301	0.21	1.57	0.02	0.00
Total		13.51	100.00	1.18	0.31

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.13 ESTONIA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Estonia 2004 - 2014

Year	Estonia	% of Region	% of Globe
2004	1.56	0.16%	0.04%
2005	1.64	0.16%	0.04%
2006	1.72	0.16%	0.04%
2007	1.81	0.17%	0.04%
2008	1.90	0.17%	0.05%
2009	1.99	0.17%	0.05%
2010	2.09	0.18%	0.05%
2011	2.19	0.18%	0.05%
2012	2.29	0.18%	0.05%
2013	2.40	0.19%	0.05%
2014	2.51	0.19%	0.05%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Estonia: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Tallinn	552	1.13	56.71	0.10	0.03
Tartu	1,196	0.27	13.41	0.02	0.01
Narva	1,341	0.19	9.65	0.02	0.00
Kohtla-Järve	1,367	0.18	9.06	0.02	0.00
Pärnu	1,477	0.13	6.35	0.01	0.00
Sillamäe	1,726	0.05	2.47	0.00	0.00
Rakvere	1,740	0.05	2.35	0.00	0.00
Total		1.99	100.00	0.17	0.05

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.14 FINLAND

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Finland 2004 - 2014

Year	Finland	% of Region	% of Globe
2004	10.52	1.06%	0.29%
2005	10.88	1.06%	0.29%
2006	11.25	1.07%	0.29%
2007	11.64	1.07%	0.29%
2008	12.03	1.08%	0.29%
2009	12.44	1.08%	0.29%
2010	12.85	1.09%	0.29%
2011	13.28	1.09%	0.29%
2012	13.72	1.09%	0.29%
2013	14.17	1.10%	0.29%
2014	14.64	1.10%	0.28%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Finland: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Helsinki	213	3.77	30.33	0.33	0.09
Tampere	492	1.31	10.54	0.11	0.03
Espoo	501	1.29	10.36	0.11	0.03
Turku	515	1.24	9.99	0.11	0.03
Vantaa	539	1.16	9.31	0.10	0.03
Oulu	731	0.76	6.10	0.07	0.02
Lahti	752	0.72	5.80	0.06	0.02
Pori	822	0.61	4.93	0.05	0.01
Kuopio	826	0.61	4.87	0.05	0.01
Jyvaskyla	902	0.51	4.07	0.04	0.01
Kotka	956	0.46	3.70	0.04	0.01
Total		12.44	100.00	1.08	0.29

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.15 FRANCE

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): France 2004 - 2014

Year	France	% of Region	% of Globe
2004	123.43	12.43%	3.41%
2005	125.94	12.32%	3.36%
2006	128.51	12.21%	3.31%
2007	131.14	12.10%	3.26%
2008	133.81	11.99%	3.21%
2009	136.52	11.88%	3.16%
2010	139.29	11.78%	3.12%
2011	142.11	11.67%	3.07%
2012	144.98	11.57%	3.03%
2013	147.88	11.46%	2.98%
2014	150.84	11.35%	2.94%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

France: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Paris	2	95.97	70.30	8.35	2.22
Marseille	126	7.69	5.63	0.67	0.18
Lyon	128	7.61	5.57	0.66	0.18
Lille	167	5.53	4.05	0.48	0.13
Toulouse	338	2.13	1.56	0.19	0.05
Nice	383	1.84	1.34	0.16	0.04
Strasbourg	387	1.82	1.34	0.16	0.04
Nantes	438	1.55	1.14	0.14	0.04
Rennes	467	1.38	1.01	0.12	0.03
Bordeaux	483	1.35	0.99	0.12	0.03
Saint-Etienne	500	1.29	0.94	0.11	0.03
Reims	532	1.18	0.87	0.10	0.03
Le Havre	533	1.18	0.87	0.10	0.03
Toulon	547	1.13	0.83	0.10	0.03
Grenoble	564	1.11	0.81	0.10	0.03
Others		3.75	2.75	0.33	0.09
Total		136.52	100.00	11.88	3.16

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.16 GEORGIA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Georgia 2004 - 2014

Year	Georgia	% of Region	% of Globe
2004	0.95	0.10%	0.03%
2005	1.02	0.10%	0.03%
2006	1.10	0.10%	0.03%
2007	1.18	0.11%	0.03%
2008	1.27	0.11%	0.03%
2009	1.36	0.12%	0.03%
2010	1.46	0.12%	0.03%
2011	1.56	0.13%	0.03%
2012	1.68	0.13%	0.03%
2013	1.80	0.14%	0.04%
2014	1.92	0.14%	0.04%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Georgia: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
T'Bilisi	683	0.85	62.35	0.07	0.02
Kutaisi	1,419	0.16	11.63	0.01	0.00
Rustavi	1,525	0.11	7.87	0.01	0.00
Batumi	1,570	0.09	6.73	0.01	0.00
Sukhumi	1,601	0.08	5.99	0.01	0.00
Poti	1,798	0.03	2.52	0.00	0.00
Tskhinvali	1,857	0.02	1.63	0.00	0.00
Chiatura	1,892	0.02	1.29	0.00	0.00
Total		1.36	100.00	0.12	0.03

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.17 GERMANY

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Germany 2004 - 2014

Year	Germany	% of Region	% of Globe
2004	166.42	16.76%	4.59%
2005	170.52	16.68%	4.55%
2006	174.71	16.60%	4.50%
2007	179.01	16.52%	4.45%
2008	183.40	16.43%	4.40%
2009	187.85	16.35%	4.35%
2010	192.41	16.27%	4.31%
2011	197.07	16.19%	4.26%
2012	201.85	16.10%	4.21%
2013	206.70	16.02%	4.17%
2014	211.66	15.93%	4.12%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Germany: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Berlin	14	38.17	20.32	3.32	0.88
Cologne	88	10.64	5.66	0.93	0.25
Dresden	141	6.59	3.51	0.57	0.15
Dusseldorf	148	6.31	3.36	0.55	0.15
Dortmund	149	6.27	3.34	0.55	0.15
Bremen	155	6.06	3.23	0.53	0.14
Duisburg	161	5.88	3.13	0.51	0.14
Cottbus	462	1.41	0.75	0.12	0.03
Dessau	541	1.15	0.61	0.10	0.03
Total		82.48	43.91	7.18	1.91

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.18 GREECE

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Greece 2004 - 2014

Year	Greece	% of Region	% of Globe
2004	18.75	1.89%	0.52%
2005	19.32	1.89%	0.51%
2006	19.90	1.89%	0.51%
2007	20.51	1.89%	0.51%
2008	21.13	1.89%	0.51%
2009	21.76	1.89%	0.50%
2010	22.41	1.89%	0.50%
2011	23.07	1.90%	0.50%
2012	23.76	1.90%	0.50%
2013	24.46	1.90%	0.49%
2014	25.18	1.90%	0.49%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Greece: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Athens	101	9.37	43.07	0.82	0.22
Thessaloniki	201	4.29	19.74	0.37	0.10
Piraeus	348	2.08	9.58	0.18	0.05
Patras	450	1.50	6.90	0.13	0.03
Larissa	573	1.09	5.01	0.09	0.03
Iraklion	577	1.08	4.96	0.09	0.03
Volos	736	0.75	3.45	0.07	0.02
Kavalla	828	0.60	2.77	0.05	0.01
Canea	916	0.50	2.28	0.04	0.01
Serrai	928	0.49	2.24	0.04	0.01
Total		21.76	100.00	1.89	0.50

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.19 HUNGARY

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Hungary 2004 - 2014

Year	Hungary	% of Region	% of Globe
2004	11.53	1.16%	0.32%
2005	11.78	1.15%	0.31%
2006	12.04	1.14%	0.31%
2007	12.30	1.13%	0.31%
2008	12.57	1.13%	0.30%
2009	12.85	1.12%	0.30%
2010	13.12	1.11%	0.29%
2011	13.41	1.10%	0.29%
2012	13.70	1.09%	0.29%
2013	14.00	1.08%	0.28%
2014	14.30	1.08%	0.28%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Hungary: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Budapest	127	7.64	59.51	0.67	0.18
Debrecen	713	0.80	6.19	0.07	0.02
Miskolc	735	0.75	5.85	0.07	0.02
Szeged	777	0.68	5.32	0.06	0.02
Pécs	793	0.66	5.15	0.06	0.02
Győr	933	0.48	3.71	0.04	0.01
Nyiregyha	990	0.43	3.35	0.04	0.01
Szekesfehervar	1,012	0.41	3.21	0.04	0.01
Kecskemét	1,046	0.38	2.98	0.03	0.01
Szombathely	1,117	0.31	2.45	0.03	0.01
Szolnok	1,155	0.29	2.28	0.03	0.01
Total		12.85	100.00	1.12	0.30

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.20 ICELAND

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Iceland 2004 - 2014

Year	Iceland	% of Region	% of Globe
2004	0.71	0.07%	0.02%
2005	0.72	0.07%	0.02%
2006	0.74	0.07%	0.02%
2007	0.75	0.07%	0.02%
2008	0.77	0.07%	0.02%
2009	0.79	0.07%	0.02%
2010	0.80	0.07%	0.02%
2011	0.82	0.07%	0.02%
2012	0.83	0.07%	0.02%
2013	0.85	0.07%	0.02%
2014	0.87	0.07%	0.02%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Iceland: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Reykjavik	957	0.46	58.54	0.04	0.01
Kopavogur	1,638	0.07	9.15	0.01	0.00
Hafnarfjordhur	1,660	0.07	8.54	0.01	0.00
Akureyri	1,661	0.07	8.54	0.01	0.00
Keflavik	1,803	0.03	4.27	0.00	0.00
Vestmannaeyjar	1,849	0.02	3.05	0.00	0.00
Akranes	1,850	0.02	3.05	0.00	0.00
Isafjorour	1,914	0.01	1.83	0.00	0.00
Husavik	1,915	0.01	1.83	0.00	0.00
Neskaupstaour	1,970	0.01	1.22	0.00	0.00
Total		0.79	100.00	0.07	0.02

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.21 IRELAND

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Ireland 2004 - 2014

Year	Ireland	% of Region	% of Globe
2004	10.42	1.05%	0.29%
2005	10.82	1.06%	0.29%
2006	11.25	1.07%	0.29%
2007	11.68	1.08%	0.29%
2008	12.14	1.09%	0.29%
2009	12.60	1.10%	0.29%
2010	13.07	1.11%	0.29%
2011	13.57	1.11%	0.29%
2012	14.08	1.12%	0.29%
2013	14.61	1.13%	0.29%
2014	15.15	1.14%	0.29%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Ireland: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Dublin	105	9.21	73.10	0.80	0.21
Cork	404	1.74	13.81	0.15	0.04
Limerick	725	0.77	6.11	0.07	0.02
Galway	942	0.47	3.73	0.04	0.01
Waterford	1,015	0.41	3.25	0.04	0.01
Total		12.60	100.00	1.10	0.29

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.22 ITALY

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Italy 2004 - 2014

Year	Italy	% of Region	% of Globe
2004	107.26	10.80%	2.96%
2005	109.51	10.71%	2.92%
2006	111.80	10.62%	2.88%
2007	114.14	10.53%	2.84%
2008	116.53	10.44%	2.80%
2009	118.95	10.35%	2.76%
2010	121.41	10.27%	2.72%
2011	123.93	10.18%	2.68%
2012	126.50	10.09%	2.64%
2013	129.10	10.00%	2.60%
2014	131.74	9.92%	2.56%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Italy: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Rome	19	30.15	25.35	2.62	0.70
Milan	49	15.83	13.31	1.38	0.37
Naples	67	12.85	10.81	1.12	0.30
Turin	84	10.97	9.22	0.95	0.25
Palermo	123	7.80	6.56	0.68	0.18
Genoa	125	7.73	6.50	0.67	0.18
Bologna	191	4.57	3.84	0.40	0.11
Florence	193	4.51	3.79	0.39	0.10
Catania	206	3.98	3.35	0.35	0.09
Bari	210	3.84	3.23	0.33	0.09
Venice	224	3.51	2.95	0.31	0.08
Messina	256	2.90	2.44	0.25	0.07
Verona	264	2.77	2.33	0.24	0.06
Taranto	280	2.62	2.20	0.23	0.06
Trieste	290	2.54	2.13	0.22	0.06
Others		2.38	2.00	0.21	0.06
Total		118.95	100.00	10.35	2.76

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.23 KAZAKHSTAN

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Kazakhstan 2004 - 2014

Year	Kazakhstan	% of Region	% of Globe
2004	8.36	0.84%	0.23%
2005	8.84	0.86%	0.24%
2006	9.35	0.89%	0.24%
2007	9.89	0.91%	0.25%
2008	10.45	0.94%	0.25%
2009	11.03	0.96%	0.26%
2010	11.63	0.98%	0.26%
2011	12.27	1.01%	0.27%
2012	12.94	1.03%	0.27%
2013	13.65	1.06%	0.28%
2014	14.39	1.08%	0.28%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Kazakhstan: Worldwide Interoperability for Microwave Access (WiMAX)
Equipment in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Almaty	325	2.18	19.81	0.19	0.05
Karaganda	527	1.19	10.78	0.10	0.03
Chimkent	728	0.76	6.90	0.07	0.02
Semipalatinsk	800	0.65	5.86	0.06	0.01
Pavlodar	804	0.64	5.81	0.06	0.01
Ust-Kamenogorsk	810	0.63	5.69	0.05	0.01
Dzhambul	834	0.59	5.39	0.05	0.01
Tselinograd	880	0.54	4.86	0.05	0.01
Aktyubinsk	924	0.49	4.44	0.04	0.01
Petropavlovsk	945	0.47	4.23	0.04	0.01
Kustanay	986	0.43	3.93	0.04	0.01
Temirtau	1,013	0.41	3.72	0.04	0.01
Uralsk	1,042	0.39	3.51	0.03	0.01
Shevchenko	1,128	0.31	2.79	0.03	0.01
Kzyl-Orda	1,146	0.30	2.69	0.03	0.01
Others		1.06	9.57	0.09	0.02
Total		11.03	100.00	0.96	0.26

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.24 LATVIA

**Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$
Million): Latvia 2004 - 2014**

Year	Latvia	% of Region	% of Globe
2004	2.00	0.20%	0.06%
2005	2.14	0.21%	0.06%
2006	2.28	0.22%	0.06%
2007	2.43	0.22%	0.06%
2008	2.59	0.23%	0.06%
2009	2.76	0.24%	0.06%
2010	2.93	0.25%	0.07%
2011	3.11	0.26%	0.07%
2012	3.31	0.26%	0.07%
2013	3.51	0.27%	0.07%
2014	3.73	0.28%	0.07%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Latvia: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Riga	390	1.81	65.78	0.16	0.04
Daugavpils	1,218	0.25	9.18	0.02	0.01
Liepaja	1,272	0.23	8.25	0.02	0.01
Jelgava	1,442	0.15	5.38	0.01	0.00
Jurmala	1,472	0.13	4.73	0.01	0.00
Ventspils	1,552	0.10	3.59	0.01	0.00
Rezekne	1,587	0.09	3.08	0.01	0.00
Total		2.76	100.00	0.24	0.06

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.25 LIECHTENSTEIN

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Liechtenstein 2004 - 2014

Year	Liechtenstein	% of Region	% of Globe
2004	0.09	0.01%	0.00%
2005	0.09	0.01%	0.00%
2006	0.10	0.01%	0.00%
2007	0.11	0.01%	0.00%
2008	0.12	0.01%	0.00%
2009	0.12	0.01%	0.00%
2010	0.13	0.01%	0.00%
2011	0.14	0.01%	0.00%
2012	0.15	0.01%	0.00%
2013	0.16	0.01%	0.00%
2014	0.17	0.01%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Liechtenstein: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Schaan	1,844	0.02	20.00	0.00	0.00
Vaduz	1,845	0.02	20.00	0.00	0.00
Balzers	1,874	0.02	16.00	0.00	0.00
Mauren	1,907	0.01	12.00	0.00	0.00
Eschen	1,908	0.01	12.00	0.00	0.00
Triesen	1,909	0.01	12.00	0.00	0.00
Triesenberg	1,965	0.01	8.00	0.00	0.00
Total		0.12	100.00	0.01	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.26 LITHUANIA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Lithuania 2004 - 2014

Year	Lithuania	% of Region	% of Globe
2004	3.13	0.32%	0.09%
2005	3.30	0.32%	0.09%
2006	3.48	0.33%	0.09%
2007	3.66	0.34%	0.09%
2008	3.86	0.35%	0.09%
2009	4.06	0.35%	0.09%
2010	4.26	0.36%	0.10%
2011	4.48	0.37%	0.10%
2012	4.71	0.38%	0.10%
2013	4.95	0.38%	0.10%
2014	5.21	0.39%	0.10%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Lithuania: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Vilnius	417	1.68	41.37	0.15	0.04
Kaunas	557	1.12	27.56	0.10	0.03
Klaipeda	879	0.54	13.24	0.05	0.01
Siauliai	1,043	0.38	9.48	0.03	0.01
Panevezys	1,085	0.34	8.34	0.03	0.01
Total		4.06	100.00	0.35	0.09

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.27 LUXEMBOURG

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Luxembourg 2004 - 2014

Year	Luxembourg	% of Region	% of Globe
2004	2.17	0.22%	0.06%
2005	2.25	0.22%	0.06%
2006	2.33	0.22%	0.06%
2007	2.42	0.22%	0.06%
2008	2.51	0.22%	0.06%
2009	2.60	0.23%	0.06%
2010	2.70	0.23%	0.06%
2011	2.79	0.23%	0.06%
2012	2.90	0.23%	0.06%
2013	3.00	0.23%	0.06%
2014	3.11	0.23%	0.06%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Luxembourg: Worldwide Interoperability for Microwave Access (WiMAX)
Equipment in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Luxembourg	497	1.29	49.68	0.11	0.03
Esch	1,024	0.40	15.48	0.04	0.01
Differdange	1,193	0.27	10.32	0.02	0.01
Dudelange	1,257	0.24	9.03	0.02	0.01
Petange	1,316	0.20	7.74	0.02	0.00
Remich	1,317	0.20	7.74	0.02	0.00
Total		2.60	100.00	0.23	0.06

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.28 MALTA

**Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$
Million): Malta 2004 - 2014**

Year	Malta	% of Region	% of Globe
2004	0.54	0.05%	0.01%
2005	0.56	0.05%	0.01%
2006	0.57	0.05%	0.01%
2007	0.59	0.05%	0.01%
2008	0.60	0.05%	0.01%
2009	0.62	0.05%	0.01%
2010	0.64	0.05%	0.01%
2011	0.66	0.05%	0.01%
2012	0.68	0.05%	0.01%
2013	0.70	0.05%	0.01%
2014	0.71	0.05%	0.01%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Malta: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in
2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Birkirkara	1,358	0.19	29.85	0.02	0.00
Qormi	1,377	0.18	28.36	0.02	0.00
Sliema	1,473	0.13	20.90	0.01	0.00
Valletta	1,595	0.08	13.43	0.01	0.00
Victoria	1,742	0.05	7.46	0.00	0.00
Total		0.62	100.00	0.05	0.01

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.29 MOLDOVA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Moldova 2004 - 2014

Year	Moldova	% of Region	% of Globe
2004	0.55	0.06%	0.02%
2005	0.57	0.06%	0.02%
2006	0.60	0.06%	0.02%
2007	0.62	0.06%	0.02%
2008	0.65	0.06%	0.02%
2009	0.67	0.06%	0.02%
2010	0.70	0.06%	0.02%
2011	0.73	0.06%	0.02%
2012	0.76	0.06%	0.02%
2013	0.79	0.06%	0.02%
2014	0.82	0.06%	0.02%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Moldova: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Chisinau	1,035	0.39	58.54	0.03	0.01
Tiraspol	1,522	0.11	16.02	0.01	0.00
Beltsy	1,565	0.09	14.00	0.01	0.00
Bendery	1,613	0.08	11.44	0.01	0.00
Total		0.67	100.00	0.06	0.02

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.30 MONACO

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Monaco 2004 - 2014

Year	Monaco	% of Region	% of Globe
2004	0.06	0.01%	0.00%
2005	0.06	0.01%	0.00%
2006	0.06	0.01%	0.00%
2007	0.06	0.01%	0.00%
2008	0.06	0.01%	0.00%
2009	0.06	0.01%	0.00%
2010	0.07	0.01%	0.00%
2011	0.07	0.01%	0.00%
2012	0.07	0.01%	0.00%
2013	0.07	0.01%	0.00%
2014	0.07	0.01%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Monaco: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Monte Carlo	1,706	0.06	86.67	0.00	0.00
Monaco	1,984	0.01	13.33	0.00	0.00
Total		0.06	100.00	0.01	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.31 NORWAY

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Norway 2004 - 2014

Year	Norway	% of Region	% of Globe
2004	14.42	1.45%	0.40%
2005	14.95	1.46%	0.40%
2006	15.50	1.47%	0.40%
2007	16.07	1.48%	0.40%
2008	16.66	1.49%	0.40%
2009	17.26	1.50%	0.40%
2010	17.88	1.51%	0.40%
2011	18.52	1.52%	0.40%
2012	19.18	1.53%	0.40%
2013	19.86	1.54%	0.40%
2014	20.56	1.55%	0.40%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Norway: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Oslo	138	6.93	40.14	0.60	0.16
Bergen	238	3.21	18.57	0.28	0.07
Trondheim	349	2.08	12.06	0.18	0.05
Stavanger	454	1.47	8.54	0.13	0.03
Kristiansand	638	0.96	5.55	0.08	0.02
Drammen	716	0.79	4.58	0.07	0.02
Tromso	740	0.74	4.31	0.06	0.02
Alesund	873	0.55	3.17	0.05	0.01
Bodo	886	0.53	3.08	0.05	0.01
Total		17.26	100.00	1.50	0.40

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.32 POLAND

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Poland 2004 - 2014

Year	Poland	% of Region	% of Globe
2004	33.85	3.41%	0.93%
2005	35.39	3.46%	0.94%
2006	37.00	3.52%	0.95%
2007	38.68	3.57%	0.96%
2008	40.43	3.62%	0.97%
2009	42.21	3.67%	0.98%
2010	44.06	3.73%	0.99%
2011	45.99	3.78%	0.99%
2012	48.00	3.83%	1.00%
2013	50.09	3.88%	1.01%
2014	52.26	3.93%	1.02%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Poland: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Warsaw	89	10.55	24.99	0.92	0.24
Lodz	172	5.33	12.64	0.46	0.12
Krakow	185	4.70	11.14	0.41	0.11
Wroclaw	204	4.04	9.57	0.35	0.09
Poznan	216	3.70	8.76	0.32	0.09
Gdansk	253	2.96	7.01	0.26	0.07
Szczecin	294	2.50	5.92	0.22	0.06
Bydgoszcz	308	2.35	5.58	0.20	0.05
Katowice	311	2.33	5.52	0.20	0.05
Lublin	342	2.10	4.98	0.18	0.05
Sosnowiec	422	1.64	3.89	0.14	0.04
Total		42.21	100.00	3.67	0.98

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.33 PORTUGAL

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Portugal 2004 - 2014

Year	Portugal	% of Region	% of Globe
2004	13.83	1.39%	0.38%
2005	14.11	1.38%	0.38%
2006	14.41	1.37%	0.37%
2007	14.71	1.36%	0.37%
2008	15.02	1.35%	0.36%
2009	15.33	1.33%	0.36%
2010	15.65	1.32%	0.35%
2011	15.97	1.31%	0.35%
2012	16.30	1.30%	0.34%
2013	16.64	1.29%	0.34%
2014	16.98	1.28%	0.33%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Portugal: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Lisbon	129	7.53	49.14	0.66	0.17
Oporto	242	3.15	20.54	0.27	0.07
Amadora	675	0.87	5.68	0.08	0.02
Setubal	764	0.71	4.62	0.06	0.02
Coimbra	778	0.68	4.44	0.06	0.02
Braga	853	0.57	3.73	0.05	0.01
Vila Nova de Gaia	862	0.56	3.67	0.05	0.01
Barreiro	951	0.46	3.02	0.04	0.01
Funchal	1,030	0.40	2.61	0.03	0.01
Almada	1,039	0.39	2.55	0.03	0.01
Total		15.33	100.00	1.33	0.36

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.34 ROMANIA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Romania 2004 - 2014

Year	Romania	% of Region	% of Globe
2004	13.54	1.36%	0.37%
2005	14.11	1.38%	0.38%
2006	14.71	1.40%	0.38%
2007	15.33	1.41%	0.38%
2008	15.97	1.43%	0.38%
2009	16.62	1.45%	0.39%
2010	17.30	1.46%	0.39%
2011	18.01	1.48%	0.39%
2012	18.74	1.49%	0.39%
2013	19.50	1.51%	0.39%
2014	20.29	1.53%	0.39%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Romania: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Bucharest	139	6.78	40.80	0.59	0.16
Brasov	526	1.20	7.20	0.10	0.03
Constanta	558	1.12	6.72	0.10	0.03
Timisoara	565	1.11	6.66	0.10	0.03
Iasi	587	1.07	6.42	0.09	0.02
Cluj-Napoca	599	1.06	6.36	0.09	0.02
Galati	619	1.01	6.05	0.09	0.02
Craiova	637	0.96	5.76	0.08	0.02
Braila	706	0.80	4.84	0.07	0.02
Ploiesti	709	0.80	4.82	0.07	0.02
Oradea	748	0.73	4.39	0.06	0.02
Total		16.62	100.00	1.45	0.39

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.35 RUSSIA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Russia 2004 - 2014

Year	Russia	% of Region	% of Globe
2004	54.40	5.48%	1.50%
2005	57.36	5.61%	1.53%
2006	60.47	5.75%	1.56%
2007	63.76	5.88%	1.58%
2008	67.20	6.02%	1.61%
2009	70.69	6.15%	1.64%
2010	74.35	6.29%	1.66%
2011	78.20	6.42%	1.69%
2012	82.24	6.56%	1.72%
2013	86.48	6.70%	1.74%
2014	90.94	6.84%	1.77%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Russia: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Moscow	35	21.32	30.16	1.86	0.49
Saint Petersburg	75	11.94	16.88	1.04	0.28
Nizhni Novgorod	226	3.42	4.84	0.30	0.08
Novosibirsk	227	3.41	4.83	0.30	0.08
Yekaterinburg	233	3.25	4.60	0.28	0.08
Kuybyshev	250	2.99	4.23	0.26	0.07
Omsk	268	2.73	3.86	0.24	0.06
Chelyabinsk	271	2.72	3.84	0.24	0.06
Kazan	282	2.60	3.68	0.23	0.06
Rostov-on-Don	299	2.43	3.43	0.21	0.06
Volgograd	306	2.38	3.36	0.21	0.06
Krasnoyark	331	2.17	3.07	0.19	0.05
Saratov	335	2.15	3.04	0.19	0.05
Vladivostok	440	1.54	2.18	0.13	0.04
Irkutsk	453	1.49	2.11	0.13	0.03
Others		4.17	5.90	0.36	0.10
Total		70.69	100.00	6.15	1.64

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.36 SAN MARINO

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): San Marino 2004 - 2014

Year	San Marino	% of Region	% of Globe
2004	0.05	0.00%	0.00%
2005	0.05	0.00%	0.00%
2006	0.05	0.00%	0.00%
2007	0.05	0.00%	0.00%
2008	0.06	0.00%	0.00%
2009	0.06	0.00%	0.00%
2010	0.06	0.00%	0.00%
2011	0.06	0.01%	0.00%
2012	0.06	0.01%	0.00%
2013	0.07	0.01%	0.00%
2014	0.07	0.01%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

San Marino: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Serravalle	1,787	0.04	63.64	0.00	0.00
San Marino	1,867	0.02	36.36	0.00	0.00
Total		0.06	100.00	0.00	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.37 SLOVAKIA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Slovakia 2004 - 2014

Year	Slovakia	% of Region	% of Globe
2004	5.56	0.56%	0.15%
2005	5.88	0.58%	0.16%
2006	6.22	0.59%	0.16%
2007	6.58	0.61%	0.16%
2008	6.97	0.62%	0.17%
2009	7.35	0.64%	0.17%
2010	7.76	0.66%	0.17%
2011	8.19	0.67%	0.18%
2012	8.64	0.69%	0.18%
2013	9.12	0.71%	0.18%
2014	9.62	0.72%	0.19%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Slovakia: Worldwide Interoperability for Microwave Access (WiMAX) Equipment
in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Bratislava	180	4.80	65.25	0.42	0.11
Kosice	287	2.56	34.75	0.22	0.06
Total		7.35	100.00	0.64	0.17

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.38 SLOVENIA

**Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$
Million): Slovenia 2004 - 2014**

Year	Slovenia	% of Region	% of Globe
2004	3.01	0.30%	0.08%
2005	3.14	0.31%	0.08%
2006	3.27	0.31%	0.08%
2007	3.41	0.31%	0.08%
2008	3.55	0.32%	0.09%
2009	3.69	0.32%	0.09%
2010	3.84	0.32%	0.09%
2011	3.99	0.33%	0.09%
2012	4.15	0.33%	0.09%
2013	4.32	0.33%	0.09%
2014	4.49	0.34%	0.09%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Slovenia: Worldwide Interoperability for Microwave Access (WiMAX) Equipment
in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Ljubljana	400	1.76	47.66	0.15	0.04
Maribor	580	1.07	29.06	0.09	0.02
Koper	1,241	0.24	6.56	0.02	0.01
Kranj	1,332	0.20	5.31	0.02	0.00
Celje	1,346	0.19	5.16	0.02	0.00
Trbovlje	1,502	0.12	3.13	0.01	0.00
Jesenice	1,503	0.12	3.13	0.01	0.00
Total		3.69	100.00	0.32	0.09

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.39 SPAIN

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Spain 2004 - 2014

Year	Spain	% of Region	% of Globe
2004	78.06	7.86%	2.15%
2005	80.48	7.87%	2.15%
2006	82.97	7.88%	2.14%
2007	85.53	7.89%	2.13%
2008	88.17	7.90%	2.12%
2009	90.85	7.91%	2.11%
2010	93.59	7.91%	2.10%
2011	96.42	7.92%	2.09%
2012	99.34	7.92%	2.07%
2013	102.32	7.93%	2.06%
2014	105.39	7.93%	2.05%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Spain: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Madrid	20	26.15	28.79	2.28	0.61
Barcelona	57	14.37	15.82	1.25	0.33
Valencia	150	6.17	6.80	0.54	0.14
Sevilla	168	5.52	6.08	0.48	0.13
Zaragoza	179	4.85	5.34	0.42	0.11
Malaga	183	4.77	5.25	0.42	0.11
Bilbao	236	3.22	3.55	0.28	0.07
Las Palmas	249	3.02	3.32	0.26	0.07
Valladolid	263	2.77	3.05	0.24	0.06
Palma	283	2.59	2.85	0.23	0.06
Murcia	284	2.57	2.83	0.22	0.06
Cordoba	293	2.51	2.77	0.22	0.06
Hospitalet	310	2.34	2.58	0.20	0.05
Alicante	326	2.18	2.40	0.19	0.05
Granada	332	2.17	2.39	0.19	0.05
Others		5.63	6.19	0.49	0.13
Total		90.85	100.00	7.91	2.11

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.40 SWEDEN

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Sweden 2004 - 2014

Year	Sweden	% of Region	% of Globe
2004	19.25	1.94%	0.53%
2005	19.80	1.94%	0.53%
2006	20.37	1.94%	0.52%
2007	20.96	1.93%	0.52%
2008	21.56	1.93%	0.52%
2009	22.17	1.93%	0.51%
2010	22.80	1.93%	0.51%
2011	23.44	1.93%	0.51%
2012	24.11	1.92%	0.50%
2013	24.78	1.92%	0.50%
2014	25.48	1.92%	0.50%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Sweden: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Stockholm	165	5.63	25.41	0.49	0.13
Göteborg	218	3.63	16.37	0.32	0.08
Malmö	367	1.95	8.81	0.17	0.05
Uppsala	474	1.36	6.15	0.12	0.03
Örebro	617	1.01	4.56	0.09	0.02
Norrköping	621	1.00	4.52	0.09	0.02
Linköping	622	1.00	4.52	0.09	0.02
Västerås	623	1.00	4.52	0.09	0.02
Jönköping	651	0.93	4.18	0.08	0.02
Helsingborg	663	0.90	4.06	0.08	0.02
Boras	682	0.85	3.84	0.07	0.02
Sundsvall	720	0.78	3.53	0.07	0.02
Umeå	737	0.75	3.38	0.07	0.02
Gävle	742	0.74	3.34	0.06	0.02
Skellefteå	813	0.62	2.81	0.05	0.01
Total		22.17	100.00	1.93	0.51

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.41 SWITZERLAND

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Switzerland 2004 - 2014

Year	Switzerland	% of Region	% of Globe
2004	17.68	1.78%	0.49%
2005	18.11	1.77%	0.48%
2006	18.56	1.76%	0.48%
2007	19.01	1.75%	0.47%
2008	19.48	1.75%	0.47%
2009	19.95	1.74%	0.46%
2010	20.44	1.73%	0.46%
2011	20.93	1.72%	0.45%
2012	21.44	1.71%	0.45%
2013	21.95	1.70%	0.44%
2014	22.48	1.69%	0.44%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Switzerland: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Zürich	170	5.41	27.10	0.47	0.13
Basel	275	2.68	13.44	0.23	0.06
Geneva	292	2.53	12.66	0.22	0.06
Bern	339	2.13	10.66	0.19	0.05
Lausanne	368	1.94	9.73	0.17	0.05
Winterthur	493	1.31	6.56	0.11	0.03
Saint Gallen	555	1.12	5.64	0.10	0.03
Luzern	652	0.92	4.63	0.08	0.02
Biel	719	0.79	3.94	0.07	0.02
Thun	858	0.57	2.86	0.05	0.01
Koniz	867	0.55	2.78	0.05	0.01
Total		19.95	100.00	1.74	0.46

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.42 THE NETHERLANDS

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): The Netherlands 2004 - 2014

Year	The Netherlands	% of Region	% of Globe
2004	36.85	3.71%	1.02%
2005	37.93	3.71%	1.01%
2006	39.04	3.71%	1.01%
2007	40.18	3.71%	1.00%
2008	41.36	3.71%	0.99%
2009	42.55	3.70%	0.99%
2010	43.78	3.70%	0.98%
2011	45.03	3.70%	0.97%
2012	46.33	3.70%	0.97%
2013	47.65	3.69%	0.96%
2014	49.01	3.69%	0.95%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

The Netherlands: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Rotterdam	93	10.04	23.59	0.87	0.23
Amsterdam - Haarlem	134	7.27	17.08	0.63	0.17
Eindhoven - Tilberg	147	6.35	14.93	0.55	0.15
Gelderland	195	4.41	10.37	0.38	0.10
Utrecht	240	3.19	7.50	0.28	0.07
Limburg	257	2.87	6.75	0.25	0.07
Overijssel	291	2.53	5.94	0.22	0.06
Groningen	374	1.89	4.44	0.16	0.04
Friesland	477	1.36	3.20	0.12	0.03
Zeeland	598	1.06	2.49	0.09	0.02
Drenthe	608	1.03	2.42	0.09	0.02
Flevoland	874	0.54	1.27	0.05	0.01
Total		42.55	100.00	3.70	0.99

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.43 THE UNITED KINGDOM

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): The United Kingdom 2004 - 2014

Year	The United Kingdom	% of Region	% of Globe
2004	125.35	12.63%	3.46%
2005	128.63	12.58%	3.43%
2006	132.00	12.54%	3.40%
2007	135.45	12.50%	3.37%
2008	138.99	12.45%	3.34%
2009	142.58	12.41%	3.31%
2010	146.25	12.36%	3.27%
2011	150.01	12.32%	3.24%
2012	153.87	12.27%	3.21%
2013	157.80	12.23%	3.18%
2014	161.82	12.18%	3.15%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

The United Kingdom: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
London	7	49.95	35.03	4.35	1.16
Birmingham	63	13.88	9.73	1.21	0.32
Manchester	64	13.79	9.67	1.20	0.32
Bradford	77	11.53	8.09	1.00	0.27
Leeds	78	11.53	8.09	1.00	0.27
Liverpool	132	7.43	5.21	0.65	0.17
Sheffield	140	6.63	4.65	0.58	0.15
Bristol	154	6.06	4.25	0.53	0.14
Coventry	157	6.02	4.22	0.52	0.14
Nottingham	166	5.63	3.95	0.49	0.13
Leicester	173	5.32	3.73	0.46	0.12
Hull	181	4.79	3.36	0.42	0.11
Total		142.58	100.00	12.41	3.31

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

4.44 UKRAINE

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Ukraine 2004 - 2014

Year	Ukraine	% of Region	% of Globe
2004	17.27	1.74%	0.48%
2005	18.09	1.77%	0.48%
2006	18.95	1.80%	0.49%
2007	19.86	1.83%	0.49%
2008	20.80	1.86%	0.50%
2009	21.76	1.89%	0.50%
2010	22.75	1.92%	0.51%
2011	23.79	1.95%	0.51%
2012	24.88	1.98%	0.52%
2013	26.01	2.02%	0.52%
2014	27.20	2.05%	0.53%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Ukraine: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Kiev	205	4.01	18.44	0.35	0.09
Kharkiv	295	2.50	11.48	0.22	0.06
Dnipropetrovsk	386	1.83	8.40	0.16	0.04
Odessa	405	1.73	7.95	0.15	0.04
Donetsk	407	1.72	7.91	0.15	0.04
Zaporozhye	473	1.37	6.30	0.12	0.03
Lviv	519	1.22	5.63	0.11	0.03
Krivoy Rog	568	1.11	5.08	0.10	0.03
Mariupol (Zhdanov)	708	0.80	3.68	0.07	0.02
Nikolayev	722	0.78	3.58	0.07	0.02
Lugansk	724	0.77	3.54	0.07	0.02
Makeyevka	787	0.67	3.06	0.06	0.02
Vinnitsa	849	0.58	2.67	0.05	0.01
Sevastopol	868	0.55	2.54	0.05	0.01
Kherson	870	0.55	2.53	0.05	0.01
Others		1.57	7.20	0.14	0.04
Total		21.76	100.00	1.89	0.50

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5 THE AMERICAS & THE CARIBBEAN

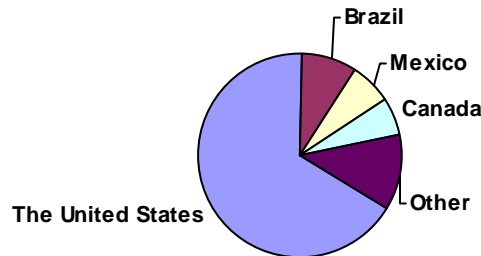
5.1 EXECUTIVE SUMMARY

Market Potential for Worldwide Interoperability for Microwave Access (WiMAX) Equipment in The Americas & the Caribbean (US\$ Million): 2009

Country	Latent Demand US\$ Million	% of The Americas & the Caribbean
The United States	917.46	66.67%
Brazil	123.01	8.94%
Mexico	89.89	6.53%
Canada	84.52	6.14%
Argentina	35.74	2.60%
Venezuela	22.84	1.66%
Colombia	21.65	1.57%
Chile	15.74	1.14%
Peru	14.77	1.07%
Ecuador	6.52	0.47%
Dominican Republic	5.79	0.42%
Puerto Rico	5.04	0.37%
Guatemala	4.54	0.33%
Costa Rica	3.77	0.27%
Cuba	3.46	0.25%
Bolivia	2.66	0.19%
Uruguay	2.51	0.18%
El Salvador	2.41	0.18%
Panama	1.98	0.14%
Paraguay	1.78	0.13%
Honduras	1.66	0.12%
Trinidad and Tobago	1.54	0.11%
Nicaragua	1.21	0.09%
Haiti	1.05	0.08%
Jamaica	0.89	0.06%
Other	3.70	0.27%
Total	1,376.14	100.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Market Potential for Worldwide Interoperability for Microwave Access (WiMAX) Equipment in The Americas & the Caribbean (US\$ Million): 2009



The Market for Worldwide Interoperability for Microwave Access (WiMAX) Equipment in The Americas & the Caribbean: 2004 - 2014

Year	US\$ Million	% of Globe
2004	1,207.61	33.32
2005	1,239.50	33.04
2006	1,272.31	32.76
2007	1,306.07	32.47
2008	1,340.77	32.18
2009	1,376.14	31.90
2010	1,412.46	31.63
2011	1,449.84	31.35
2012	1,488.22	31.07
2013	1,527.26	30.79
2014	1,567.36	30.50

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.2 ANTIGUA AND BARBUDA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Antigua and Barbuda 2004 - 2014

Year	Antigua and Barbuda	% of Region	% of Globe
2004	0.07	0.01%	0.00%
2005	0.07	0.01%	0.00%
2006	0.07	0.01%	0.00%
2007	0.07	0.01%	0.00%
2008	0.08	0.01%	0.00%
2009	0.08	0.01%	0.00%
2010	0.08	0.01%	0.00%
2011	0.08	0.01%	0.00%
2012	0.09	0.01%	0.00%
2013	0.09	0.01%	0.00%
2014	0.09	0.01%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Antigua and Barbuda: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Saint John's	1,612	0.08	97.30	0.01	0.00
Codrington	2,057	0.00	2.70	0.00	0.00
Total		0.08	100.00	0.01	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.3 ARGENTINA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Argentina 2004 - 2014

Year	Argentina	% of Region	% of Globe
2004	27.22	2.25%	0.75%
2005	28.76	2.32%	0.77%
2006	30.38	2.39%	0.78%
2007	32.10	2.46%	0.80%
2008	33.90	2.53%	0.81%
2009	35.74	2.60%	0.83%
2010	37.66	2.67%	0.84%
2011	39.68	2.74%	0.86%
2012	41.81	2.81%	0.87%
2013	44.05	2.88%	0.89%
2014	46.41	2.96%	0.90%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Argentina: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Buenos Aires	197	4.36	12.21	0.32	0.10
Santa Fe	198	4.36	12.20	0.32	0.10
Cordoba	199	4.34	12.15	0.32	0.10
Mendoza	319	2.25	6.30	0.16	0.05
Tucumán	391	1.81	5.07	0.13	0.04
Entre Rios	436	1.57	4.40	0.11	0.04
Salta	455	1.47	4.11	0.11	0.03
Rosario	472	1.37	3.84	0.10	0.03
Misiones	476	1.36	3.82	0.10	0.03
Chaco	487	1.33	3.73	0.10	0.03
Corrientes	503	1.29	3.60	0.09	0.03
Santiago del Estero	609	1.03	2.87	0.07	0.02
Río Negro	679	0.85	2.39	0.06	0.02
Jujuy	692	0.84	2.35	0.06	0.02
San Juan	700	0.82	2.29	0.06	0.02
Others		6.67	18.67	0.48	0.15
Total		35.74	100.00	2.60	0.83

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.4 ARUBA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Aruba 2004 - 2014

Year	Aruba	% of Region	% of Globe
2004	0.13	0.01%	0.00%
2005	0.14	0.01%	0.00%
2006	0.14	0.01%	0.00%
2007	0.14	0.01%	0.00%
2008	0.15	0.01%	0.00%
2009	0.15	0.01%	0.00%
2010	0.15	0.01%	0.00%
2011	0.16	0.01%	0.00%
2012	0.16	0.01%	0.00%
2013	0.16	0.01%	0.00%
2014	0.17	0.01%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Aruba: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Oranjestad	1,602	0.08	54.05	0.01	0.00
Sint Nicolaas	1,655	0.07	45.95	0.00	0.00
Total		0.15	100.00	0.01	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.5 BARBADOS

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Barbados 2004 - 2014

Year	Barbados	% of Region	% of Globe
2004	0.32	0.03%	0.01%
2005	0.33	0.03%	0.01%
2006	0.34	0.03%	0.01%
2007	0.35	0.03%	0.01%
2008	0.36	0.03%	0.01%
2009	0.37	0.03%	0.01%
2010	0.38	0.03%	0.01%
2011	0.39	0.03%	0.01%
2012	0.40	0.03%	0.01%
2013	0.42	0.03%	0.01%
2014	0.43	0.03%	0.01%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Barbados: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Bridgetown	1,060	0.37	100.00	0.03	0.01
Total		0.37	100.00	0.03	0.01

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.6 BELIZE

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Belize 2004 - 2014

Year	Belize	% of Region	% of Globe
2004	0.14	0.01%	0.00%
2005	0.14	0.01%	0.00%
2006	0.14	0.01%	0.00%
2007	0.15	0.01%	0.00%
2008	0.15	0.01%	0.00%
2009	0.16	0.01%	0.00%
2010	0.16	0.01%	0.00%
2011	0.16	0.01%	0.00%
2012	0.17	0.01%	0.00%
2013	0.17	0.01%	0.00%
2014	0.18	0.01%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Belize: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Belize City	1,569	0.09	60.00	0.01	0.00
Orange Walk	1,877	0.02	12.50	0.00	0.00
Corozal	1,878	0.02	12.50	0.00	0.00
Dangriga	1,905	0.02	10.00	0.00	0.00
Belmopan	1,994	0.01	5.00	0.00	0.00
Total		0.16	100.00	0.01	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.7 BERMUDA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Bermuda 2004 - 2014

Year	Bermuda	% of Region	% of Globe
2004	0.25	0.02%	0.01%
2005	0.26	0.02%	0.01%
2006	0.27	0.02%	0.01%
2007	0.28	0.02%	0.01%
2008	0.29	0.02%	0.01%
2009	0.30	0.02%	0.01%
2010	0.31	0.02%	0.01%
2011	0.32	0.02%	0.01%
2012	0.33	0.02%	0.01%
2013	0.34	0.02%	0.01%
2014	0.36	0.02%	0.01%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Bermuda: Worldwide Interoperability for Microwave Access (WiMAX) Equipment
in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Hamilton	1,366	0.18	60.00	0.01	0.00
Saint George	1,489	0.12	40.00	0.01	0.00
Total		0.30	100.00	0.02	0.01

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.8 BOLIVIA

**Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$
Million): Bolivia 2004 - 2014**

Year	Bolivia	% of Region	% of Globe
2004	2.27	0.19%	0.06%
2005	2.34	0.19%	0.06%
2006	2.42	0.19%	0.06%
2007	2.50	0.19%	0.06%
2008	2.58	0.19%	0.06%
2009	2.66	0.19%	0.06%
2010	2.74	0.19%	0.06%
2011	2.82	0.19%	0.06%
2012	2.91	0.20%	0.06%
2013	3.00	0.20%	0.06%
2014	3.10	0.20%	0.06%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Bolivia: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in
2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
La Paz	567	1.11	41.65	0.08	0.03
Santa Cruz	796	0.66	24.74	0.05	0.02
Cochabamba	1,031	0.40	15.01	0.03	0.01
Oruro	1,309	0.21	7.72	0.01	0.00
Potosi	1,493	0.12	4.49	0.01	0.00
Sucre	1,547	0.10	3.78	0.01	0.00
Tarija	1,653	0.07	2.60	0.01	0.00
Total		2.66	100.00	0.19	0.06

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.9 BRAZIL

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Brazil 2004 - 2014

Year	Brazil	% of Region	% of Globe
2004	103.84	8.60%	2.87%
2005	107.44	8.67%	2.86%
2006	111.16	8.74%	2.86%
2007	115.01	8.81%	2.86%
2008	118.99	8.87%	2.86%
2009	123.01	8.94%	2.85%
2010	127.17	9.00%	2.85%
2011	131.46	9.07%	2.84%
2012	135.89	9.13%	2.84%
2013	140.45	9.20%	2.83%
2014	145.15	9.26%	2.82%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Brazil: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Sao Paulo	47	16.43	13.35	1.19	0.38
Rio de Janeiro	104	9.26	7.53	0.67	0.21
Salvador	219	3.63	2.95	0.26	0.08
Belo Horizonte	225	3.44	2.80	0.25	0.08
Fortaleza	245	3.08	2.51	0.22	0.07
Brasilia	248	3.03	2.47	0.22	0.07
Curitiba	317	2.28	1.85	0.17	0.05
Recife	324	2.19	1.78	0.16	0.05
Belem	333	2.17	1.76	0.16	0.05
Póрто Alegre	337	2.14	1.74	0.16	0.05
Manaus	394	1.80	1.46	0.13	0.04
Goiânia	433	1.60	1.30	0.12	0.04
Campinas	456	1.47	1.19	0.11	0.03
Guarulhos	466	1.39	1.13	0.10	0.03
Sao Gonçalo	484	1.35	1.10	0.10	0.03
Others		67.77	55.09	4.92	1.57
Total		123.01	100.00	8.94	2.85

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.10 CANADA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Canada 2004 - 2014

Year	Canada	% of Region	% of Globe
2004	74.69	6.18%	2.06%
2005	76.56	6.18%	2.04%
2006	78.49	6.17%	2.02%
2007	80.46	6.16%	2.00%
2008	82.47	6.15%	1.98%
2009	84.52	6.14%	1.96%
2010	86.61	6.13%	1.94%
2011	88.75	6.12%	1.92%
2012	90.95	6.11%	1.90%
2013	93.18	6.10%	1.88%
2014	95.46	6.09%	1.86%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Canada: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Toronto	24	25.27	29.90	1.84	0.59
Montreal	34	21.54	25.49	1.57	0.50
Vancouver	91	10.19	12.05	0.74	0.24
Ottawa	156	6.04	7.15	0.44	0.14
Calgary	186	4.69	5.55	0.34	0.11
Winnipeg	196	4.39	5.19	0.32	0.10
Edmonton	202	4.23	5.01	0.31	0.10
Hamilton	318	2.26	2.68	0.16	0.05
Regina	499	1.29	1.53	0.09	0.03
Quebec	521	1.22	1.44	0.09	0.03
Halifax	690	0.84	0.99	0.06	0.02
Thunder Bay	699	0.83	0.98	0.06	0.02
Saint John's	763	0.71	0.84	0.05	0.02
Niagara Falls	888	0.53	0.63	0.04	0.01
Victoria	927	0.49	0.58	0.04	0.01
Total		84.52	100.00	6.14	1.96

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.11 CHILE

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Chile 2004 - 2014

Year	Chile	% of Region	% of Globe
2004	13.05	1.08%	0.36%
2005	13.55	1.09%	0.36%
2006	14.07	1.11%	0.36%
2007	14.61	1.12%	0.36%
2008	15.17	1.13%	0.36%
2009	15.74	1.14%	0.36%
2010	16.33	1.16%	0.37%
2011	16.94	1.17%	0.37%
2012	17.57	1.18%	0.37%
2013	18.22	1.19%	0.37%
2014	18.89	1.21%	0.37%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Chile: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Santiago	92	10.10	64.14	0.73	0.23
Concepcion	723	0.78	4.92	0.06	0.02
Viña del Mar	758	0.71	4.53	0.05	0.02
Valparaiso	792	0.66	4.21	0.05	0.02
Talcahuano	847	0.58	3.70	0.04	0.01
Temuco	856	0.57	3.62	0.04	0.01
Antofagasta	882	0.53	3.40	0.04	0.01
Rancagua	978	0.44	2.79	0.03	0.01
Talca	1,026	0.40	2.55	0.03	0.01
Arica	1,033	0.40	2.52	0.03	0.01
Puerto Montt	1,136	0.30	1.93	0.02	0.01
Punta Arenas	1,200	0.27	1.69	0.02	0.01
Total		15.74	100.00	1.14	0.36

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.12 COLOMBIA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Colombia 2004 - 2014

Year	Colombia	% of Region	% of Globe
2004	17.37	1.44%	0.48%
2005	18.15	1.46%	0.48%
2006	18.98	1.49%	0.49%
2007	19.84	1.52%	0.49%
2008	20.74	1.55%	0.50%
2009	21.65	1.57%	0.50%
2010	22.60	1.60%	0.51%
2011	23.59	1.63%	0.51%
2012	24.62	1.65%	0.51%
2013	25.69	1.68%	0.52%
2014	26.81	1.71%	0.52%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Colombia: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Bogota	96	9.82	45.36	0.71	0.23
Cali	260	2.84	13.10	0.21	0.07
Medell;n	262	2.77	12.81	0.20	0.06
Barranquilla	554	1.13	5.21	0.08	0.03
Cartagena	559	1.12	5.16	0.08	0.03
Bucaramanga	844	0.59	2.71	0.04	0.01
Cucuta	872	0.55	2.53	0.04	0.01
Pereira	921	0.49	2.28	0.04	0.01
Manizales	991	0.43	1.99	0.03	0.01
Ibague	1,007	0.41	1.91	0.03	0.01
Armenia	1,111	0.32	1.46	0.02	0.01
Santa Marta	1,244	0.24	1.12	0.02	0.01
Neiva	1,296	0.21	0.99	0.02	0.00
Pasto	1,321	0.20	0.92	0.01	0.00
Monteria	1,354	0.19	0.87	0.01	0.00
Others		0.34	1.58	0.02	0.01
Total		21.65	100.00	1.57	0.50

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.13 COSTA RICA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Costa Rica 2004 - 2014

Year	Costa Rica	% of Region	% of Globe
2004	3.06	0.25%	0.08%
2005	3.19	0.26%	0.09%
2006	3.33	0.26%	0.09%
2007	3.47	0.27%	0.09%
2008	3.62	0.27%	0.09%
2009	3.77	0.27%	0.09%
2010	3.93	0.28%	0.09%
2011	4.10	0.28%	0.09%
2012	4.27	0.29%	0.09%
2013	4.44	0.29%	0.09%
2014	4.63	0.30%	0.09%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Costa Rica: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
San Jose	475	1.36	36.14	0.10	0.03
Alajuela	753	0.72	19.04	0.05	0.02
Cartago	920	0.49	13.08	0.04	0.01
Puntarenas	1,002	0.42	11.14	0.03	0.01
Limon	1,129	0.31	8.16	0.02	0.01
Heredia	1,130	0.31	8.16	0.02	0.01
Liberia	1,413	0.16	4.27	0.01	0.00
Total		3.77	100.00	0.27	0.09

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.14 CUBA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Cuba 2004 - 2014

Year	Cuba	% of Region	% of Globe
2004	2.74	0.23%	0.08%
2005	2.87	0.23%	0.08%
2006	3.01	0.24%	0.08%
2007	3.16	0.24%	0.08%
2008	3.31	0.25%	0.08%
2009	3.46	0.25%	0.08%
2010	3.62	0.26%	0.08%
2011	3.79	0.26%	0.08%
2012	3.97	0.27%	0.08%
2013	4.15	0.27%	0.08%
2014	4.34	0.28%	0.08%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Cuba: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Havana	385	1.83	52.92	0.13	0.04
Santiago de Cuba	1,080	0.35	10.02	0.03	0.01
Camagüey	1,235	0.24	7.07	0.02	0.01
Holguin	1,339	0.19	5.60	0.01	0.00
Guantanamo	1,390	0.17	4.96	0.01	0.00
Santa Clara	1,409	0.17	4.83	0.01	0.00
Bayamo	1,530	0.11	3.06	0.01	0.00
Cienfuegos	1,536	0.10	2.98	0.01	0.00
Pinar del Rio	1,549	0.10	2.88	0.01	0.00
Las Tunas	1,553	0.10	2.85	0.01	0.00
Matanzas	1,557	0.10	2.83	0.01	0.00
Total		3.46	100.00	0.25	0.08

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.15 DOMINICA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Dominica 2004 - 2014

Year	Dominica	% of Region	% of Globe
2004	0.03	0.00%	0.00%
2005	0.03	0.00%	0.00%
2006	0.03	0.00%	0.00%
2007	0.03	0.00%	0.00%
2008	0.03	0.00%	0.00%
2009	0.03	0.00%	0.00%
2010	0.03	0.00%	0.00%
2011	0.03	0.00%	0.00%
2012	0.03	0.00%	0.00%
2013	0.04	0.00%	0.00%
2014	0.04	0.00%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Dominica: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Roseau	1,865	0.02	64.71	0.00	0.00
Portsmouth	2,045	0.00	8.82	0.00	0.00
Marigot	2,046	0.00	8.82	0.00	0.00
Saint Joseph	2,047	0.00	8.82	0.00	0.00
Berekua	2,048	0.00	8.82	0.00	0.00
Total		0.03	100.00	0.00	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.16 DOMINICAN REPUBLIC

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Dominican Republic 2004 - 2014

Year	Dominican Republic	% of Region	% of Globe
2004	4.56	0.38%	0.13%
2005	4.79	0.39%	0.13%
2006	5.02	0.39%	0.13%
2007	5.27	0.40%	0.13%
2008	5.53	0.41%	0.13%
2009	5.79	0.42%	0.13%
2010	6.06	0.43%	0.14%
2011	6.35	0.44%	0.14%
2012	6.65	0.45%	0.14%
2013	6.96	0.46%	0.14%
2014	7.29	0.47%	0.14%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Dominican Republic: Worldwide Interoperability for Microwave Access (WiMAX)
Equipment in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Santo Domingo	214	3.75	64.68	0.27	0.09
Santiago	732	0.76	13.07	0.06	0.02
La Romana	1,194	0.27	4.63	0.02	0.01
San Pedro de Macoris	1,248	0.24	4.13	0.02	0.01
San Francisco de Macoris	1,279	0.22	3.85	0.02	0.01
La Vega	1,397	0.17	2.94	0.01	0.00
San Juan	1,466	0.13	2.29	0.01	0.00
Barahona	1,467	0.13	2.29	0.01	0.00
Puerto Plata	1,485	0.12	2.11	0.01	0.00
Total		5.79	100.00	0.42	0.13

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.17 ECUADOR

**Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$
Million): Ecuador 2004 - 2014**

Year	Ecuador	% of Region	% of Globe
2004	5.77	0.48%	0.16%
2005	5.92	0.48%	0.16%
2006	6.06	0.48%	0.16%
2007	6.21	0.48%	0.15%
2008	6.36	0.47%	0.15%
2009	6.52	0.47%	0.15%
2010	6.67	0.47%	0.15%
2011	6.84	0.47%	0.15%
2012	7.00	0.47%	0.15%
2013	7.17	0.47%	0.14%
2014	7.34	0.47%	0.14%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Ecuador: Worldwide Interoperability for Microwave Access (WiMAX) Equipment
in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Guayaquil	265	2.77	42.53	0.20	0.06
Quito	361	2.01	30.89	0.15	0.05
Cuenca	1,073	0.36	5.46	0.03	0.01
Machala	1,211	0.26	3.98	0.02	0.01
Portoviejo	1,216	0.25	3.90	0.02	0.01
Riobamba	1,236	0.24	3.75	0.02	0.01
Ambato	1,285	0.22	3.35	0.02	0.01
Manta	1,299	0.21	3.25	0.02	0.00
Esmeraldas	1,356	0.19	2.88	0.01	0.00
Total		6.52	100.00	0.47	0.15

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.18 EL SALVADOR

**Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$
Million): El Salvador 2004 - 2014**

Year	El Salvador	% of Region	% of Globe
2004	2.02	0.17%	0.06%
2005	2.10	0.17%	0.06%
2006	2.17	0.17%	0.06%
2007	2.25	0.17%	0.06%
2008	2.33	0.17%	0.06%
2009	2.41	0.18%	0.06%
2010	2.49	0.18%	0.06%
2011	2.58	0.18%	0.06%
2012	2.67	0.18%	0.06%
2013	2.76	0.18%	0.06%
2014	2.86	0.18%	0.06%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**El Salvador: Worldwide Interoperability for Microwave Access (WiMAX)
Equipment in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
San Salvador	481	1.36	56.44	0.10	0.03
Santa Ana	1,018	0.41	16.93	0.03	0.01
San Miguel	1,214	0.26	10.67	0.02	0.01
Nueva San Salvador	1,429	0.15	6.38	0.01	0.00
Sonsonate	1,454	0.14	5.77	0.01	0.00
Cojutepeque	1,571	0.09	3.80	0.01	0.00
Total		2.41	100.00	0.18	0.06

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.19 FRENCH GUIANA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): French Guiana 2004 - 2014

Year	French Guiana	% of Region	% of Globe
2004	0.10	0.01%	0.00%
2005	0.10	0.01%	0.00%
2006	0.10	0.01%	0.00%
2007	0.11	0.01%	0.00%
2008	0.11	0.01%	0.00%
2009	0.11	0.01%	0.00%
2010	0.12	0.01%	0.00%
2011	0.12	0.01%	0.00%
2012	0.12	0.01%	0.00%
2013	0.13	0.01%	0.00%
2014	0.13	0.01%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

French Guiana: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Cayenne	1,625	0.08	66.67	0.01	0.00
Kourou	1,925	0.01	11.67	0.00	0.00
Remire	1,945	0.01	10.00	0.00	0.00
Saint Laurent	1,974	0.01	8.33	0.00	0.00
Sinnamary	2,029	0.00	3.33	0.00	0.00
Total		0.11	100.00	0.01	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.20 GREENLAND

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Greenland 2004 - 2014

Year	Greenland	% of Region	% of Globe
2004	0.07	0.01%	0.00%
2005	0.07	0.01%	0.00%
2006	0.07	0.01%	0.00%
2007	0.07	0.01%	0.00%
2008	0.07	0.01%	0.00%
2009	0.07	0.01%	0.00%
2010	0.07	0.01%	0.00%
2011	0.08	0.01%	0.00%
2012	0.08	0.01%	0.00%
2013	0.08	0.01%	0.00%
2014	0.08	0.01%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Greenland: Worldwide Interoperability for Microwave Access (WiMAX)
Equipment in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Nuuk	1,866	0.02	28.57	0.00	0.00
Holsteinsborg	1,980	0.01	11.90	0.00	0.00
Jakobshavn	2,002	0.01	9.52	0.00	0.00
Egedesminde	2,015	0.01	7.14	0.00	0.00
Sukkertoppen	2,016	0.01	7.14	0.00	0.00
Julianehab	2,017	0.01	7.14	0.00	0.00
Narsarsuaq	2,035	0.00	4.76	0.00	0.00
Frederikshab	2,036	0.00	4.76	0.00	0.00
Christianshab	2,037	0.00	4.76	0.00	0.00
Nanortalik	2,062	0.00	2.38	0.00	0.00
Godhavn	2,063	0.00	2.38	0.00	0.00
Scoresbysund	2,064	0.00	2.38	0.00	0.00
Thule	2,065	0.00	2.38	0.00	0.00
Uppernavik	2,066	0.00	2.38	0.00	0.00
Ammassalik	2,067	0.00	2.38	0.00	0.00
Total		0.07	100.00	0.01	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.21 GRENADA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Grenada 2004 - 2014

Year	Grenada	% of Region	% of Globe
2004	0.06	0.00%	0.00%
2005	0.06	0.00%	0.00%
2006	0.06	0.00%	0.00%
2007	0.06	0.00%	0.00%
2008	0.06	0.00%	0.00%
2009	0.06	0.00%	0.00%
2010	0.07	0.00%	0.00%
2011	0.07	0.00%	0.00%
2012	0.07	0.00%	0.00%
2013	0.07	0.00%	0.00%
2014	0.07	0.00%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Grenada: Worldwide Interoperability for Microwave Access (WiMAX) Equipment
in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Saint George's	1,717	0.05	80.00	0.00	0.00
Gouyave	1,931	0.01	20.00	0.00	0.00
Total		0.06	100.00	0.00	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.22 GUADELOUPE

**Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$
Million): Guadeloupe 2004 - 2014**

Year	Guadeloupe	% of Region	% of Globe
2004	0.23	0.02%	0.01%
2005	0.23	0.02%	0.01%
2006	0.24	0.02%	0.01%
2007	0.24	0.02%	0.01%
2008	0.25	0.02%	0.01%
2009	0.26	0.02%	0.01%
2010	0.26	0.02%	0.01%
2011	0.27	0.02%	0.01%
2012	0.28	0.02%	0.01%
2013	0.28	0.02%	0.01%
2014	0.29	0.02%	0.01%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Guadeloupe: Worldwide Interoperability for Microwave Access (WiMAX)
Equipment in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Les Abymes	1,624	0.08	29.44	0.01	0.00
Pointe-a-Pitre	1,817	0.03	12.15	0.00	0.00
Le Gosier	1,842	0.03	9.81	0.00	0.00
Moule	1,862	0.02	8.41	0.00	0.00
Sainte Anne	1,871	0.02	7.94	0.00	0.00
Morne-a-l'Eau	1,879	0.02	7.48	0.00	0.00
Petit Bourg	1,887	0.02	7.01	0.00	0.00
Sainte Rose	1,895	0.02	6.54	0.00	0.00
Basse-Terre	1,896	0.02	6.54	0.00	0.00
Saint-Claude	1,940	0.01	4.67	0.00	0.00
Total		0.26	100.00	0.02	0.01

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.23 GUATEMALA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Guatemala 2004 - 2014

Year	Guatemala	% of Region	% of Globe
2004	3.72	0.31%	0.10%
2005	3.88	0.31%	0.10%
2006	4.03	0.32%	0.10%
2007	4.20	0.32%	0.10%
2008	4.37	0.33%	0.10%
2009	4.54	0.33%	0.11%
2010	4.72	0.33%	0.11%
2011	4.90	0.34%	0.11%
2012	5.09	0.34%	0.11%
2013	5.29	0.35%	0.11%
2014	5.50	0.35%	0.11%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Guatemala: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Guatemala City	231	3.36	74.02	0.24	0.08
Escuintla	1,234	0.24	5.39	0.02	0.01
Quezaltenango	1,262	0.23	5.11	0.02	0.01
Puerto Barrios	1,432	0.15	3.36	0.01	0.00
Retalhuleu	1,438	0.15	3.29	0.01	0.00
Coban	1,453	0.14	3.08	0.01	0.00
Chiquimula	1,460	0.14	3.01	0.01	0.00
Mazatenango	1,484	0.12	2.73	0.01	0.00
Total		4.54	100.00	0.33	0.11

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.24 GUYANA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Guyana 2004 - 2014

Year	Guyana	% of Region	% of Globe
2004	0.23	0.02%	0.01%
2005	0.24	0.02%	0.01%
2006	0.25	0.02%	0.01%
2007	0.25	0.02%	0.01%
2008	0.26	0.02%	0.01%
2009	0.27	0.02%	0.01%
2010	0.28	0.02%	0.01%
2011	0.29	0.02%	0.01%
2012	0.30	0.02%	0.01%
2013	0.31	0.02%	0.01%
2014	0.32	0.02%	0.01%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Guyana: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Georgetown	1,310	0.20	75.19	0.01	0.00
Linden	1,824	0.03	11.28	0.00	0.00
New Amsterdam	1,869	0.02	7.52	0.00	0.00
Corriverton	1,949	0.01	4.14	0.00	0.00
Mahaicony	2,018	0.01	1.88	0.00	0.00
Total		0.27	100.00	0.02	0.01

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.25 HAITI

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Haiti 2004 - 2014

Year	Haiti	% of Region	% of Globe
2004	0.91	0.08%	0.03%
2005	0.94	0.08%	0.03%
2006	0.97	0.08%	0.02%
2007	1.00	0.08%	0.02%
2008	1.02	0.08%	0.02%
2009	1.05	0.08%	0.02%
2010	1.08	0.08%	0.02%
2011	1.12	0.08%	0.02%
2012	1.15	0.08%	0.02%
2013	1.18	0.08%	0.02%
2014	1.21	0.08%	0.02%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Haiti: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Port-au-Prince	741	0.74	70.39	0.05	0.02
Cap-Haitien	1,526	0.11	10.12	0.01	0.00
Petionville	1,693	0.06	5.51	0.00	0.00
Gonaives	1,702	0.06	5.36	0.00	0.00
Les Cayes	1,703	0.06	5.36	0.00	0.00
Port-de-Paix	1,795	0.03	3.27	0.00	0.00
Total		1.05	100.00	0.08	0.02

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.26 HONDURAS

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Honduras 2004 - 2014

Year	Honduras	% of Region	% of Globe
2004	1.35	0.11%	0.04%
2005	1.41	0.11%	0.04%
2006	1.47	0.12%	0.04%
2007	1.53	0.12%	0.04%
2008	1.60	0.12%	0.04%
2009	1.66	0.12%	0.04%
2010	1.73	0.12%	0.04%
2011	1.80	0.12%	0.04%
2012	1.88	0.13%	0.04%
2013	1.96	0.13%	0.04%
2014	2.04	0.13%	0.04%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Honduras: Worldwide Interoperability for Microwave Access (WiMAX) Equipment
in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Tegucigalpa	739	0.75	44.79	0.05	0.02
San Pedro Sula	914	0.50	29.98	0.04	0.01
La Ceiba	1,617	0.08	4.61	0.01	0.00
Choluteca	1,623	0.08	4.54	0.01	0.00
El Progreso	1,639	0.07	4.26	0.01	0.00
Puerto Cortes	1,728	0.05	2.94	0.00	0.00
Comayagua	1,779	0.04	2.24	0.00	0.00
Tela	1,805	0.03	1.96	0.00	0.00
Siguatepeque	1,829	0.03	1.82	0.00	0.00
Santa Rosa de Copan	1,847	0.02	1.47	0.00	0.00
Danli	1,854	0.02	1.40	0.00	0.00
Total		1.66	100.00	0.12	0.04

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.27 JAMAICA

**Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$
Million): Jamaica 2004 - 2014**

Year	Jamaica	% of Region	% of Globe
2004	0.81	0.07%	0.02%
2005	0.82	0.07%	0.02%
2006	0.84	0.07%	0.02%
2007	0.86	0.07%	0.02%
2008	0.87	0.07%	0.02%
2009	0.89	0.06%	0.02%
2010	0.91	0.06%	0.02%
2011	0.92	0.06%	0.02%
2012	0.94	0.06%	0.02%
2013	0.96	0.06%	0.02%
2014	0.97	0.06%	0.02%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Jamaica: Worldwide Interoperability for Microwave Access (WiMAX) Equipment
in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Kingston	829	0.60	67.83	0.04	0.01
Spanish Town	1,542	0.10	11.50	0.01	0.00
Montego Bay	1,603	0.08	9.04	0.01	0.00
May Pen	1,738	0.05	5.30	0.00	0.00
Mandeville	1,762	0.04	4.52	0.00	0.00
Savanna-la-Mar	1,902	0.02	1.81	0.00	0.00
Total		0.89	100.00	0.06	0.02

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.28 MARTINIQUE

**Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$
Million): Martinique 2004 - 2014**

Year	Martinique	% of Region	% of Globe
2004	0.39	0.03%	0.01%
2005	0.40	0.03%	0.01%
2006	0.41	0.03%	0.01%
2007	0.42	0.03%	0.01%
2008	0.44	0.03%	0.01%
2009	0.45	0.03%	0.01%
2010	0.46	0.03%	0.01%
2011	0.47	0.03%	0.01%
2012	0.48	0.03%	0.01%
2013	0.50	0.03%	0.01%
2014	0.51	0.03%	0.01%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Martinique: Worldwide Interoperability for Microwave Access (WiMAX)
Equipment in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Fort-de-France	1,247	0.24	53.66	0.02	0.01
Le Lamentin	1,689	0.06	13.17	0.00	0.00
Sainte Marie	1,770	0.04	8.78	0.00	0.00
Schoelcher	1,794	0.03	7.80	0.00	0.00
Le François	1,826	0.03	6.83	0.00	0.00
La Trinité	1,861	0.02	4.88	0.00	0.00
Saint Pierre	1,952	0.01	2.44	0.00	0.00
Ducos	1,953	0.01	2.44	0.00	0.00
Total		0.45	100.00	0.03	0.01

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.29 MEXICO

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Mexico 2004 - 2014

Year	Mexico	% of Region	% of Globe
2004	78.83	6.53%	2.18%
2005	80.94	6.53%	2.16%
2006	83.10	6.53%	2.14%
2007	85.32	6.53%	2.12%
2008	87.59	6.53%	2.10%
2009	89.89	6.53%	2.08%
2010	92.25	6.53%	2.07%
2011	94.67	6.53%	2.05%
2012	97.16	6.53%	2.03%
2013	99.68	6.53%	2.01%
2014	102.28	6.53%	1.99%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Mexico: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Mexico City	22	25.54	28.42	1.86	0.59
Guadalajara	178	4.92	5.47	0.36	0.11
Nezahualcoyotl	215	3.72	4.13	0.27	0.09
Puebla	217	3.68	4.10	0.27	0.09
Monterrey	232	3.28	3.64	0.24	0.08
Leon	244	3.14	3.49	0.23	0.07
Ciudad Juarez	246	3.05	3.39	0.22	0.07
Tijuana	251	2.99	3.32	0.22	0.07
Culiacan	344	2.10	2.33	0.15	0.05
Mexicali	345	2.10	2.33	0.15	0.05
Acapulco	351	2.07	2.30	0.15	0.05
Chihuahua	375	1.89	2.10	0.14	0.04
S. Luis Potosi	378	1.88	2.10	0.14	0.04
Aguascalientes	401	1.75	1.95	0.13	0.04
Morelia	403	1.74	1.94	0.13	0.04
Others		26.06	28.99	1.89	0.60
Total		89.89	100.00	6.53	2.08

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.30 NICARAGUA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Nicaragua 2004 - 2014

Year	Nicaragua	% of Region	% of Globe
2004	1.06	0.09%	0.03%
2005	1.09	0.09%	0.03%
2006	1.12	0.09%	0.03%
2007	1.15	0.09%	0.03%
2008	1.18	0.09%	0.03%
2009	1.21	0.09%	0.03%
2010	1.24	0.09%	0.03%
2011	1.27	0.09%	0.03%
2012	1.30	0.09%	0.03%
2013	1.34	0.09%	0.03%
2014	1.37	0.09%	0.03%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Nicaragua: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Managua	855	0.57	47.30	0.04	0.01
Rosita	1,186	0.27	22.54	0.02	0.01
Leon	1,589	0.08	7.00	0.01	0.00
Granada	1,629	0.07	6.17	0.01	0.00
Masaya	1,677	0.06	5.20	0.00	0.00
Chinandega	1,698	0.06	4.72	0.00	0.00
Matagalpa	1,818	0.03	2.57	0.00	0.00
San Carlos	1,836	0.03	2.36	0.00	0.00
Esteli	1,838	0.03	2.15	0.00	0.00
Total		1.21	100.00	0.09	0.03

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.31 PANAMA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Panama 2004 - 2014

Year	Panama	% of Region	% of Globe
2004	1.54	0.13%	0.04%
2005	1.62	0.13%	0.04%
2006	1.70	0.13%	0.04%
2007	1.79	0.14%	0.04%
2008	1.89	0.14%	0.05%
2009	1.98	0.14%	0.05%
2010	2.08	0.15%	0.05%
2011	2.19	0.15%	0.05%
2012	2.30	0.15%	0.05%
2013	2.41	0.16%	0.05%
2014	2.53	0.16%	0.05%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Panama: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Panama	512	1.25	62.90	0.09	0.03
Colon	1,306	0.21	10.55	0.02	0.00
David	1,434	0.15	7.64	0.01	0.00
La Chorrera	1,458	0.14	6.94	0.01	0.00
Penonome	1,578	0.09	4.51	0.01	0.00
Santiago	1,580	0.09	4.46	0.01	0.00
Bocas del Toro	1,825	0.03	1.54	0.00	0.00
Tocumen	1,835	0.03	1.46	0.00	0.00
Total		1.98	100.00	0.14	0.05

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.32 PARAGUAY

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Paraguay 2004 - 2014

Year	Paraguay	% of Region	% of Globe
2004	1.50	0.12%	0.04%
2005	1.55	0.13%	0.04%
2006	1.61	0.13%	0.04%
2007	1.66	0.13%	0.04%
2008	1.72	0.13%	0.04%
2009	1.78	0.13%	0.04%
2010	1.84	0.13%	0.04%
2011	1.90	0.13%	0.04%
2012	1.96	0.13%	0.04%
2013	2.03	0.13%	0.04%
2014	2.10	0.13%	0.04%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Paraguay: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Asuncion	592	1.06	59.85	0.08	0.02
Puerto Stroessner	1,415	0.16	9.03	0.01	0.00
Pedro Juan Caballero	1,500	0.12	6.57	0.01	0.00
San Lorenzo	1,501	0.12	6.57	0.01	0.00
Fernando de la Mora	1,533	0.11	5.91	0.01	0.00
Encarnacion	1,747	0.05	2.55	0.00	0.00
Concepción	1,775	0.04	2.13	0.00	0.00
Pilar	1,776	0.04	2.13	0.00	0.00
Coronel Oviedo	1,810	0.03	1.81	0.00	0.00
Villarrica	1,811	0.03	1.81	0.00	0.00
Caaguazu	1,833	0.03	1.64	0.00	0.00
Total		1.78	100.00	0.13	0.04

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.33 PERU

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Peru 2004 - 2014

Year	Peru	% of Region	% of Globe
2004	11.54	0.96%	0.32%
2005	12.13	0.98%	0.32%
2006	12.75	1.00%	0.33%
2007	13.40	1.03%	0.33%
2008	14.08	1.05%	0.34%
2009	14.77	1.07%	0.34%
2010	15.49	1.10%	0.35%
2011	16.25	1.12%	0.35%
2012	17.04	1.14%	0.36%
2013	17.86	1.17%	0.36%
2014	18.73	1.20%	0.36%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Peru: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Lima	116	8.29	56.10	0.60	0.19
Arequipa	591	1.07	7.21	0.08	0.02
Callao	618	1.01	6.82	0.07	0.02
Trujillo	670	0.88	5.98	0.06	0.02
Chiclayo	762	0.71	4.81	0.05	0.02
Piura	883	0.53	3.62	0.04	0.01
Chimbote	908	0.50	3.40	0.04	0.01
Cuzco	958	0.46	3.11	0.03	0.01
Iquitos	973	0.45	3.02	0.03	0.01
Huancayo	1,069	0.36	2.42	0.03	0.01
Sullana	1,203	0.26	1.78	0.02	0.01
Pucallpa	1,217	0.25	1.72	0.02	0.01
Total		14.77	100.00	1.07	0.34

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.34 PUERTO RICO

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Puerto Rico 2004 - 2014

Year	Puerto Rico	% of Region	% of Globe
2004	4.91	0.41%	0.14%
2005	4.94	0.40%	0.13%
2006	4.96	0.39%	0.13%
2007	4.99	0.38%	0.12%
2008	5.01	0.37%	0.12%
2009	5.04	0.37%	0.12%
2010	5.06	0.36%	0.11%
2011	5.09	0.35%	0.11%
2012	5.12	0.34%	0.11%
2013	5.14	0.34%	0.10%
2014	5.17	0.33%	0.10%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Puerto Rico: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
San Juan	538	1.16	22.99	0.08	0.03
Bayamon	817	0.62	12.29	0.04	0.01
Ponce	901	0.51	10.07	0.04	0.01
Carolina	906	0.50	9.99	0.04	0.01
Caguas	1,054	0.37	7.43	0.03	0.01
Guaynabo	1,174	0.28	5.56	0.02	0.01
Mayaguez	1,190	0.27	5.35	0.02	0.01
Arecibo	1,191	0.27	5.34	0.02	0.01
Toa Baja	1,227	0.25	4.91	0.02	0.01
Trujillo Alto	1,323	0.20	3.96	0.01	0.00
Aguadilla	1,383	0.17	3.46	0.01	0.00
Cayey	1,463	0.14	2.69	0.01	0.00
Guayama	1,513	0.11	2.23	0.01	0.00
Fajardo	1,539	0.10	2.03	0.01	0.00
Catano	1,583	0.09	1.72	0.01	0.00
Total		5.04	100.00	0.37	0.12

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.35 ST. KITTS AND NEVIS

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): St. Kitts and Nevis 2004 - 2014

Year	St. Kitts and Nevis	% of Region	% of Globe
2004	0.04	0.00%	0.00%
2005	0.04	0.00%	0.00%
2006	0.04	0.00%	0.00%
2007	0.05	0.00%	0.00%
2008	0.05	0.00%	0.00%
2009	0.05	0.00%	0.00%
2010	0.05	0.00%	0.00%
2011	0.05	0.00%	0.00%
2012	0.06	0.00%	0.00%
2013	0.06	0.00%	0.00%
2014	0.06	0.00%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

St. Kitts and Nevis: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Basseterre	1,741	0.05	95.00	0.00	0.00
Charlestown	2,053	0.00	5.00	0.00	0.00
Total		0.05	100.00	0.00	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.36 ST. LUCIA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): St. Lucia 2004 - 2014

Year	St. Lucia	% of Region	% of Globe
2004	0.07	0.01%	0.00%
2005	0.07	0.01%	0.00%
2006	0.07	0.01%	0.00%
2007	0.07	0.01%	0.00%
2008	0.08	0.01%	0.00%
2009	0.08	0.01%	0.00%
2010	0.08	0.01%	0.00%
2011	0.09	0.01%	0.00%
2012	0.09	0.01%	0.00%
2013	0.09	0.01%	0.00%
2014	0.09	0.01%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

St. Lucia: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Castries	1,665	0.07	82.81	0.00	0.00
Vieux Fort	1,917	0.01	17.19	0.00	0.00
Total		0.08	100.00	0.01	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.37 ST. VINCENT AND THE GRENADINES

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): St. Vincent and the Grenadines 2004 - 2014

Year	St. Vincent and the Grenadines	% of Region	% of Globe
2004	0.05	0.00%	0.00%
2005	0.05	0.00%	0.00%
2006	0.05	0.00%	0.00%
2007	0.06	0.00%	0.00%
2008	0.06	0.00%	0.00%
2009	0.06	0.00%	0.00%
2010	0.06	0.00%	0.00%
2011	0.06	0.00%	0.00%
2012	0.07	0.00%	0.00%
2013	0.07	0.00%	0.00%
2014	0.07	0.00%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

St. Vincent and the Grenadines: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Kingstown	1,696	0.06	95.00	0.00	0.00
Georgetown	2,040	0.00	5.00	0.00	0.00
Total		0.06	100.00	0.00	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.38 SURINAME

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Suriname 2004 - 2014

Year	Suriname	% of Region	% of Globe
2004	0.19	0.02%	0.01%
2005	0.20	0.02%	0.01%
2006	0.21	0.02%	0.01%
2007	0.22	0.02%	0.01%
2008	0.22	0.02%	0.01%
2009	0.23	0.02%	0.01%
2010	0.24	0.02%	0.01%
2011	0.25	0.02%	0.01%
2012	0.26	0.02%	0.01%
2013	0.27	0.02%	0.01%
2014	0.28	0.02%	0.01%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Suriname: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Paramaribo	1,314	0.20	87.39	0.01	0.00
Nieuw Nickerie	1,904	0.02	6.72	0.00	0.00
Marienburg	1,993	0.01	3.36	0.00	0.00
Moengo	2,027	0.00	1.68	0.00	0.00
Totness	2,058	0.00	0.84	0.00	0.00
Total		0.23	100.00	0.02	0.01

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.39 THE BAHAMAS

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): The Bahamas 2004 - 2014

Year	The Bahamas	% of Region	% of Globe
2004	0.41	0.03%	0.01%
2005	0.42	0.03%	0.01%
2006	0.43	0.03%	0.01%
2007	0.44	0.03%	0.01%
2008	0.45	0.03%	0.01%
2009	0.46	0.03%	0.01%
2010	0.47	0.03%	0.01%
2011	0.48	0.03%	0.01%
2012	0.50	0.03%	0.01%
2013	0.51	0.03%	0.01%
2014	0.52	0.03%	0.01%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**The Bahamas: Worldwide Interoperability for Microwave Access (WiMAX)
Equipment in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Nassau	1,040	0.39	84.91	0.03	0.01
Freeport	1,650	0.07	15.09	0.01	0.00
Total		0.46	100.00	0.03	0.01

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.40 THE BRITISH VIRGIN ISLANDS

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): The British Virgin Islands 2004 - 2014

Year	The British Virgin Islands	% of Region	% of Globe
2004	0.05	0.00%	0.00%
2005	0.05	0.00%	0.00%
2006	0.05	0.00%	0.00%
2007	0.05	0.00%	0.00%
2008	0.06	0.00%	0.00%
2009	0.06	0.00%	0.00%
2010	0.06	0.00%	0.00%
2011	0.06	0.00%	0.00%
2012	0.06	0.00%	0.00%
2013	0.06	0.00%	0.00%
2014	0.06	0.00%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

The British Virgin Islands: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Road Town	1,705	0.06	100.00	0.00	0.00
Total		0.06	100.00	0.00	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.41 THE CAYMAN ISLANDS

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): The Cayman Islands 2004 - 2014

Year	The Cayman Islands	% of Region	% of Globe
2004	0.12	0.01%	0.00%
2005	0.12	0.01%	0.00%
2006	0.12	0.01%	0.00%
2007	0.12	0.01%	0.00%
2008	0.13	0.01%	0.00%
2009	0.13	0.01%	0.00%
2010	0.13	0.01%	0.00%
2011	0.13	0.01%	0.00%
2012	0.13	0.01%	0.00%
2013	0.14	0.01%	0.00%
2014	0.14	0.01%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

The Cayman Islands: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
George Town	1,630	0.07	58.33	0.01	0.00
West Bay	1,781	0.04	29.17	0.00	0.00
Savannah	1,956	0.01	8.33	0.00	0.00
Bodden Town	2,014	0.01	4.17	0.00	0.00
Total		0.13	100.00	0.01	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.42 THE FALKLAND ISLANDS

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): The Falkland Islands 2004 - 2014

Year	The Falkland Islands	% of Region	% of Globe
2004	0.00	0.00%	0.00%
2005	0.00	0.00%	0.00%
2006	0.00	0.00%	0.00%
2007	0.00	0.00%	0.00%
2008	0.00	0.00%	0.00%
2009	0.01	0.00%	0.00%
2010	0.01	0.00%	0.00%
2011	0.01	0.00%	0.00%
2012	0.01	0.00%	0.00%
2013	0.01	0.00%	0.00%
2014	0.01	0.00%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

The Falkland Islands: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Stanley	2,019	0.01	100.00	0.00	0.00
Total		0.01	100.00	0.00	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.43 THE NETHERLANDS ANTILLES

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): The Netherlands Antilles 2004 - 2014

Year	The Netherlands Antilles	% of Region	% of Globe
2004	0.17	0.01%	0.00%
2005	0.17	0.01%	0.00%
2006	0.18	0.01%	0.00%
2007	0.18	0.01%	0.00%
2008	0.18	0.01%	0.00%
2009	0.18	0.01%	0.00%
2010	0.19	0.01%	0.00%
2011	0.19	0.01%	0.00%
2012	0.19	0.01%	0.00%
2013	0.20	0.01%	0.00%
2014	0.20	0.01%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

The Netherlands Antilles: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Willemstad	1,382	0.17	94.70	0.01	0.00
Philipsburg	1,987	0.01	4.55	0.00	0.00
Kralendijk	2,069	0.00	0.76	0.00	0.00
Total		0.18	100.00	0.01	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.44 THE U.S. VIRGIN ISLANDS

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): The U.S. Virgin Islands 2004 - 2014

Year	The U.S. Virgin Islands	% of Region	% of Globe
2004	0.09	0.01%	0.00%
2005	0.10	0.01%	0.00%
2006	0.10	0.01%	0.00%
2007	0.10	0.01%	0.00%
2008	0.10	0.01%	0.00%
2009	0.10	0.01%	0.00%
2010	0.11	0.01%	0.00%
2011	0.11	0.01%	0.00%
2012	0.11	0.01%	0.00%
2013	0.11	0.01%	0.00%
2014	0.12	0.01%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

The U.S. Virgin Islands: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Charlotte Amalie	1,684	0.06	57.58	0.00	0.00
Frederiksted	1,933	0.01	12.12	0.00	0.00
Road Town	1,934	0.01	12.12	0.00	0.00
Christiansted	1,972	0.01	9.09	0.00	0.00
Cruz Bay	2,007	0.01	6.06	0.00	0.00
Spanish Town	2,038	0.00	3.03	0.00	0.00
Total		0.10	100.00	0.01	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.45 THE UNITED STATES

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): The United States 2004 - 2014

Year	The United States	% of Region	% of Globe
2004	820.89	67.98%	22.65%
2005	839.35	67.72%	22.37%
2006	858.23	67.45%	22.09%
2007	877.54	67.19%	21.81%
2008	897.28	66.92%	21.53%
2009	917.46	66.67%	21.27%
2010	938.10	66.42%	21.01%
2011	959.20	66.16%	20.74%
2012	980.72	65.90%	20.48%
2013	1,002.36	65.63%	20.21%
2014	1,024.41	65.36%	19.93%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

The United States: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
New York	1	208.71	22.75	15.17	4.84
Los Angeles	3	75.55	8.23	5.49	1.75
Chicago	5	69.45	7.57	5.05	1.61
Houston	12	40.42	4.41	2.94	0.94
Philadelphia	15	35.83	3.91	2.60	0.83
Dallas	21	25.60	2.79	1.86	0.59
San Jose	23	25.30	2.76	1.84	0.59
San Francisco	25	24.91	2.71	1.81	0.58
San Diego	26	24.24	2.64	1.76	0.56
Detroit	31	23.23	2.53	1.69	0.54
Phoenix	32	23.09	2.52	1.68	0.54
San Antonio	39	19.33	2.11	1.40	0.45
Indianapolis	46	16.48	1.80	1.20	0.38
Baltimore	51	15.39	1.68	1.12	0.36
Washington D.C.	54	14.99	1.63	1.09	0.35
Others		274.94	29.97	19.98	6.37
Total		917.46	100.00	66.67	21.27

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.46 TRINIDAD AND TOBAGO

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Trinidad and Tobago 2004 - 2014

Year	Trinidad and Tobago	% of Region	% of Globe
2004	1.27	0.11%	0.04%
2005	1.32	0.11%	0.04%
2006	1.37	0.11%	0.04%
2007	1.43	0.11%	0.04%
2008	1.48	0.11%	0.04%
2009	1.54	0.11%	0.04%
2010	1.60	0.11%	0.04%
2011	1.66	0.11%	0.04%
2012	1.73	0.12%	0.04%
2013	1.80	0.12%	0.04%
2014	1.86	0.12%	0.04%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Trinidad and Tobago: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Port-of-Spain	767	0.70	45.67	0.05	0.02
San Fernando	1,010	0.41	26.77	0.03	0.01
Arima	1,075	0.35	22.83	0.03	0.01
Scarborough	1,635	0.07	4.72	0.01	0.00
Total		1.54	100.00	0.11	0.04

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.47 URUGUAY

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Uruguay 2004 - 2014

Year	Uruguay	% of Region	% of Globe
2004	1.98	0.16%	0.05%
2005	2.08	0.17%	0.06%
2006	2.18	0.17%	0.06%
2007	2.29	0.18%	0.06%
2008	2.40	0.18%	0.06%
2009	2.51	0.18%	0.06%
2010	2.63	0.19%	0.06%
2011	2.76	0.19%	0.06%
2012	2.89	0.19%	0.06%
2013	3.02	0.20%	0.06%
2014	3.16	0.20%	0.06%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Uruguay: Worldwide Interoperability for Microwave Access (WiMAX) Equipment
in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Montevideo	380	1.87	74.51	0.14	0.04
Salto	1,487	0.12	4.84	0.01	0.00
Paysandu	1,511	0.11	4.48	0.01	0.00
Las Piedras	1,573	0.09	3.64	0.01	0.00
Rivera	1,593	0.08	3.34	0.01	0.00
Melo	1,674	0.06	2.51	0.00	0.00
Tacuarembó	1,685	0.06	2.39	0.00	0.00
Mercedes	1,707	0.06	2.21	0.00	0.00
Minas	1,714	0.05	2.09	0.00	0.00
Total		2.51	100.00	0.18	0.06

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

5.48 VENEZUELA

**Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$
Million): Venezuela 2004 - 2014**

Year	Venezuela	% of Region	% of Globe
2004	17.48	1.45%	0.48%
2005	18.45	1.49%	0.49%
2006	19.48	1.53%	0.50%
2007	20.56	1.57%	0.51%
2008	21.69	1.62%	0.52%
2009	22.84	1.66%	0.53%
2010	24.04	1.70%	0.54%
2011	25.31	1.75%	0.55%
2012	26.64	1.79%	0.56%
2013	28.04	1.84%	0.57%
2014	29.52	1.88%	0.57%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Venezuela: Worldwide Interoperability for Microwave Access (WiMAX) Equipment
in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Caracas	152	6.10	26.70	0.44	0.14
Maracaibo	312	2.32	10.15	0.17	0.05
Valencia	352	2.06	9.01	0.15	0.05
Maracay	437	1.55	6.80	0.11	0.04
Barquisimeto	498	1.29	5.65	0.09	0.03
Petare	659	0.91	3.97	0.07	0.02
Ciudad Guayana	668	0.89	3.89	0.06	0.02
San Cristobal	827	0.60	2.65	0.04	0.01
La Guaira	852	0.57	2.51	0.04	0.01
Baruta	938	0.47	2.08	0.03	0.01
Ciudad Bolivar	944	0.47	2.04	0.03	0.01
Maturin	964	0.45	1.99	0.03	0.01
Merida	968	0.45	1.98	0.03	0.01
Cumana	975	0.44	1.95	0.03	0.01
Barcelona	1,008	0.41	1.81	0.03	0.01
Others		3.84	16.83	0.28	0.09
Total		22.84	100.00	1.66	0.53

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6 THE MIDDLE EAST & AFRICA

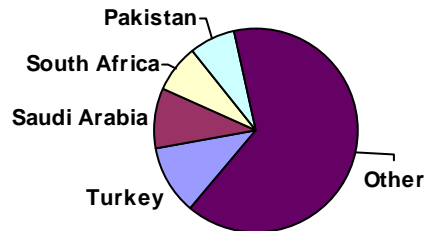
6.1 EXECUTIVE SUMMARY

Market Potential for Worldwide Interoperability for Microwave Access (WiMAX) Equipment in the Middle East & Africa (US\$ Million): 2009

Country	Latent Demand US\$ Million	% of the Middle East & Africa
Turkey	44.82	11.31%
Saudi Arabia	38.33	9.67%
South Africa	31.37	7.92%
Pakistan	30.12	7.60%
Egypt	29.29	7.39%
Iran	28.50	7.19%
Nigeria	19.90	5.02%
Algeria	18.01	4.54%
Israel	12.41	3.13%
The United Arab Emirates	9.95	2.51%
Kuwait	9.33	2.35%
Morocco	8.40	2.12%
Sudan	7.51	1.89%
Iraq	6.71	1.69%
Angola	5.70	1.44%
Syrian Arab Republic	5.52	1.39%
Libya	5.30	1.34%
Tunisia	5.21	1.31%
Azerbaijan	5.08	1.28%
Uzbekistan	4.24	1.07%
Oman	4.11	1.04%
Qatar	3.92	0.99%
Kenya	3.89	0.98%
Ethiopia	3.78	0.95%
Yemen	3.50	0.88%
Other	51.34	12.96%
Total	396.24	100.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Market Potential for Worldwide Interoperability for Microwave Access (WiMAX) Equipment in the Middle East & Africa (US\$ Million): 2009



The Market for Worldwide Interoperability for Microwave Access (WiMAX) Equipment in the Middle East & Africa: 2004 - 2014

Year	US\$ Million	% of Globe
2004	323.65	8.93
2005	337.02	8.98
2006	350.99	9.04
2007	365.60	9.09
2008	380.80	9.14
2009	396.24	9.19
2010	412.29	9.23
2011	429.05	9.28
2012	446.54	9.32
2013	464.72	9.37
2014	483.70	9.41

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.2 AFGHANISTAN

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Afghanistan 2004 - 2014

Year	Afghanistan	% of Region	% of Globe
2004	1.86	0.57%	0.05%
2005	1.95	0.58%	0.05%
2006	2.05	0.58%	0.05%
2007	2.16	0.59%	0.05%
2008	2.27	0.60%	0.05%
2009	2.38	0.60%	0.06%
2010	2.49	0.60%	0.06%
2011	2.61	0.61%	0.06%
2012	2.74	0.61%	0.06%
2013	2.87	0.62%	0.06%
2014	3.01	0.62%	0.06%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Afghanistan: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Kabul	447	1.53	64.17	0.38	0.04
Qandahar	1,243	0.24	10.18	0.06	0.01
Herat	1,350	0.19	7.98	0.05	0.00
Mazar-e-Sharif	1,450	0.14	5.90	0.04	0.00
Jalalabad	1,679	0.06	2.61	0.02	0.00
Qonduz	1,681	0.06	2.57	0.02	0.00
Baghlan	1,749	0.04	1.85	0.01	0.00
Meymaneh	1,754	0.04	1.80	0.01	0.00
Pol-e-Khomri	1,790	0.04	1.49	0.01	0.00
Ghazni	1,799	0.03	1.44	0.01	0.00
Total		2.38	100.00	0.60	0.06

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.3 ALGERIA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Algeria 2004 - 2014

Year	Algeria	% of Region	% of Globe
2004	15.16	4.68%	0.42%
2005	15.69	4.66%	0.42%
2006	16.25	4.63%	0.42%
2007	16.82	4.60%	0.42%
2008	17.41	4.57%	0.42%
2009	18.01	4.54%	0.42%
2010	18.62	4.52%	0.42%
2011	19.26	4.49%	0.42%
2012	19.92	4.46%	0.42%
2013	20.60	4.43%	0.42%
2014	21.30	4.40%	0.41%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Algeria: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Algiers	143	6.51	36.17	1.64	0.15
Oran	270	2.72	15.09	0.69	0.06
Constantine	371	1.91	10.58	0.48	0.04
Annaba	490	1.32	7.34	0.33	0.03
Batna	718	0.79	4.37	0.20	0.02
Blida	744	0.74	4.10	0.19	0.02
Setif	747	0.73	4.08	0.19	0.02
Sidi-Bel-Abbes	794	0.66	3.67	0.17	0.02
Ech-Cheliff	863	0.56	3.12	0.14	0.01
Skikda	865	0.56	3.10	0.14	0.01
Tlemcen	871	0.55	3.05	0.14	0.01
Bejaia	917	0.50	2.76	0.13	0.01
Bechar	953	0.46	2.57	0.12	0.01
Total		18.01	100.00	4.54	0.42

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.4 ANGOLA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Angola 2004 - 2014

Year	Angola	% of Region	% of Globe
2004	3.66	1.13%	0.10%
2005	4.01	1.19%	0.11%
2006	4.38	1.25%	0.11%
2007	4.79	1.31%	0.12%
2008	5.24	1.38%	0.13%
2009	5.70	1.44%	0.13%
2010	6.19	1.50%	0.14%
2011	6.72	1.57%	0.15%
2012	7.30	1.64%	0.15%
2013	7.93	1.71%	0.16%
2014	8.61	1.78%	0.17%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Angola: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Luanda	194	4.47	78.48	1.13	0.10
Lubango	1,103	0.32	5.65	0.08	0.01
Namibe	1,132	0.31	5.38	0.08	0.01
Huambo	1,348	0.19	3.34	0.05	0.00
Lobito	1,359	0.18	3.23	0.05	0.00
Benguela	1,481	0.13	2.21	0.03	0.00
Malanje	1,556	0.10	1.72	0.02	0.00
Total		5.70	100.00	1.44	0.13

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.5 ARMENIA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Armenia 2004 - 2014

Year	Armenia	% of Region	% of Globe
2004	0.78	0.24%	0.02%
2005	0.85	0.25%	0.02%
2006	0.92	0.26%	0.02%
2007	1.00	0.27%	0.02%
2008	1.09	0.29%	0.03%
2009	1.18	0.30%	0.03%
2010	1.27	0.31%	0.03%
2011	1.37	0.32%	0.03%
2012	1.48	0.33%	0.03%
2013	1.60	0.34%	0.03%
2014	1.73	0.36%	0.03%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Armenia: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Yerevan	789	0.67	56.57	0.17	0.02
Gyumri	1,517	0.11	9.39	0.03	0.00
Kirovakan	1,574	0.09	7.74	0.02	0.00
Hrazdan	1,800	0.03	2.89	0.01	0.00
Echmiadzin	1,807	0.03	2.75	0.01	0.00
Abovian	1,812	0.03	2.70	0.01	0.00
Kaphan	1,840	0.03	2.15	0.01	0.00
Hoktemberian	1,852	0.02	2.02	0.01	0.00
Charentsavan	1,876	0.02	1.65	0.00	0.00
Artashat	1,891	0.02	1.51	0.00	0.00
Kamo	1,893	0.02	1.47	0.00	0.00
Goris	1,911	0.01	1.24	0.00	0.00
Sevan	1,912	0.01	1.24	0.00	0.00
Massis	1,920	0.01	1.15	0.00	0.00
Others		0.05	4.40	0.01	0.00
Total		1.18	100.00	0.30	0.03

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.6 AZERBAIJAN

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Azerbaijan 2004 - 2014

Year	Azerbaijan	% of Region	% of Globe
2004	3.27	1.01%	0.09%
2005	3.57	1.06%	0.10%
2006	3.91	1.11%	0.10%
2007	4.28	1.17%	0.11%
2008	4.67	1.23%	0.11%
2009	5.08	1.28%	0.12%
2010	5.52	1.34%	0.12%
2011	6.00	1.40%	0.13%
2012	6.51	1.46%	0.14%
2013	7.07	1.52%	0.14%
2014	7.68	1.59%	0.15%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Azerbaijan: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Baku	223	3.52	69.28	0.89	0.08
Gyandzha	866	0.56	10.96	0.14	0.01
Sumgait	952	0.46	9.11	0.12	0.01
Mingechaur	1,451	0.14	2.76	0.04	0.00
Sheki	1,527	0.11	2.09	0.03	0.00
Nakhichevan	1,540	0.10	2.01	0.03	0.00
Lenkoran	1,592	0.08	1.66	0.02	0.00
Stepanakert	1,645	0.07	1.38	0.02	0.00
Shemakha	1,773	0.04	0.75	0.01	0.00
Total		5.08	100.00	1.28	0.12

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.7 BAHRAIN

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Bahrain 2004 - 2014

Year	Bahrain	% of Region	% of Globe
2004	1.33	0.41%	0.04%
2005	1.39	0.41%	0.04%
2006	1.46	0.41%	0.04%
2007	1.52	0.42%	0.04%
2008	1.59	0.42%	0.04%
2009	1.66	0.42%	0.04%
2010	1.74	0.42%	0.04%
2011	1.81	0.42%	0.04%
2012	1.89	0.42%	0.04%
2013	1.98	0.43%	0.04%
2014	2.07	0.43%	0.04%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Bahrain: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Manama	698	0.83	49.67	0.21	0.02
Muharraq	996	0.42	25.49	0.11	0.01
Jidd Hafs	1,208	0.26	15.69	0.07	0.01
Isa Town	1,506	0.11	6.86	0.03	0.00
Al Hidd	1,774	0.04	2.29	0.01	0.00
Total		1.66	100.00	0.42	0.04

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.8 BENIN

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Benin 2004 - 2014

Year	Benin	% of Region	% of Globe
2004	0.69	0.21%	0.02%
2005	0.71	0.21%	0.02%
2006	0.74	0.21%	0.02%
2007	0.76	0.21%	0.02%
2008	0.79	0.21%	0.02%
2009	0.82	0.21%	0.02%
2010	0.84	0.20%	0.02%
2011	0.87	0.20%	0.02%
2012	0.90	0.20%	0.02%
2013	0.93	0.20%	0.02%
2014	0.96	0.20%	0.02%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Benin: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Cotonou	959	0.46	56.24	0.12	0.01
Porto-Novo	1,334	0.20	24.02	0.05	0.00
Parakou	1,678	0.06	7.62	0.02	0.00
Abomey	1,720	0.05	6.24	0.01	0.00
Natitingou	1,731	0.05	5.89	0.01	0.00
Total		0.82	100.00	0.21	0.02

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.9 BOTSWANA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Botswana 2004 - 2014

Year	Botswana	% of Region	% of Globe
2004	1.36	0.42%	0.04%
2005	1.41	0.42%	0.04%
2006	1.46	0.42%	0.04%
2007	1.51	0.41%	0.04%
2008	1.56	0.41%	0.04%
2009	1.62	0.41%	0.04%
2010	1.67	0.41%	0.04%
2011	1.73	0.40%	0.04%
2012	1.79	0.40%	0.04%
2013	1.85	0.40%	0.04%
2014	1.92	0.40%	0.04%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Botswana: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Gaborone	1,181	0.28	17.02	0.07	0.01
Mahalapye	1,222	0.25	15.49	0.06	0.01
Serowe	1,264	0.23	14.26	0.06	0.01
Tutume	1,302	0.21	13.04	0.05	0.00
Bobonong	1,464	0.13	8.28	0.03	0.00
Francistown	1,486	0.12	7.52	0.03	0.00
Selebi-Phikwe	1,507	0.11	7.06	0.03	0.00
Lobatse	1,670	0.06	3.99	0.02	0.00
Molepolole	1,716	0.05	3.22	0.01	0.00
Kanye	1,725	0.05	3.07	0.01	0.00
Mochudi	1,748	0.04	2.76	0.01	0.00
Maun	1,780	0.04	2.30	0.01	0.00
Ramotswa	1,808	0.03	1.99	0.01	0.00
Total		1.62	100.00	0.41	0.04

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.10 BURKINA FASO

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Burkina Faso 2004 - 2014

Year	Burkina Faso	% of Region	% of Globe
2004	0.99	0.31%	0.03%
2005	1.03	0.30%	0.03%
2006	1.06	0.30%	0.03%
2007	1.10	0.30%	0.03%
2008	1.13	0.30%	0.03%
2009	1.17	0.30%	0.03%
2010	1.21	0.29%	0.03%
2011	1.25	0.29%	0.03%
2012	1.29	0.29%	0.03%
2013	1.33	0.29%	0.03%
2014	1.37	0.28%	0.03%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Burkina Faso: Worldwide Interoperability for Microwave Access (WiMAX)
Equipment in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Ouagadougou	811	0.63	53.58	0.16	0.01
Bobo-Dioulasso	1,095	0.33	28.00	0.08	0.01
Koudougou	1,633	0.07	6.30	0.02	0.00
Ouahigouya	1,709	0.06	4.73	0.01	0.00
Banfora	1,724	0.05	4.24	0.01	0.00
Kaya	1,782	0.04	3.15	0.01	0.00
Total		1.17	100.00	0.30	0.03

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.11 BURUNDI

**Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$
Million): Burundi 2004 - 2014**

Year	Burundi	% of Region	% of Globe
2004	0.35	0.11%	0.01%
2005	0.37	0.11%	0.01%
2006	0.38	0.11%	0.01%
2007	0.40	0.11%	0.01%
2008	0.41	0.11%	0.01%
2009	0.43	0.11%	0.01%
2010	0.45	0.11%	0.01%
2011	0.46	0.11%	0.01%
2012	0.48	0.11%	0.01%
2013	0.50	0.11%	0.01%
2014	0.52	0.11%	0.01%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Burundi: Worldwide Interoperability for Microwave Access (WiMAX) Equipment
in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Bujumbura	1,134	0.30	70.91	0.08	0.01
Gitega	1,529	0.11	24.68	0.03	0.00
Bururi	1,979	0.01	2.08	0.00	0.00
Rumonge	2,012	0.01	1.30	0.00	0.00
Ngozi	2,023	0.00	1.04	0.00	0.00
Total		0.43	100.00	0.11	0.01

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.12 CAMEROON

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Cameroon 2004 - 2014

Year	Cameroon	% of Region	% of Globe
2004	2.32	0.72%	0.06%
2005	2.39	0.71%	0.06%
2006	2.45	0.70%	0.06%
2007	2.52	0.69%	0.06%
2008	2.59	0.68%	0.06%
2009	2.66	0.67%	0.06%
2010	2.73	0.66%	0.06%
2011	2.81	0.65%	0.06%
2012	2.88	0.65%	0.06%
2013	2.96	0.64%	0.06%
2014	3.04	0.63%	0.06%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Cameroon: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Douala	516	1.24	46.52	0.31	0.03
Yaounde	717	0.79	29.65	0.20	0.02
Nkongsamba	1,483	0.12	4.66	0.03	0.00
Maroua	1,499	0.12	4.41	0.03	0.00
Garoua	1,510	0.11	4.25	0.03	0.00
Bafoussam	1,591	0.08	3.17	0.02	0.00
Kumba	1,686	0.06	2.25	0.02	0.00
Bamenda	1,713	0.05	2.00	0.01	0.00
Foumban	1,746	0.05	1.71	0.01	0.00
Limbe	1,785	0.04	1.37	0.01	0.00
Total		2.66	100.00	0.67	0.06

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.13 CAPE VERDE

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Cape Verde 2004 - 2014

Year	Cape Verde	% of Region	% of Globe
2004	0.20	0.06%	0.01%
2005	0.21	0.06%	0.01%
2006	0.22	0.06%	0.01%
2007	0.23	0.06%	0.01%
2008	0.24	0.06%	0.01%
2009	0.25	0.06%	0.01%
2010	0.26	0.06%	0.01%
2011	0.28	0.06%	0.01%
2012	0.29	0.06%	0.01%
2013	0.30	0.06%	0.01%
2014	0.31	0.07%	0.01%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Cape Verde: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Praia	1,456	0.14	54.95	0.03	0.00
Mindelo	1,541	0.10	40.66	0.03	0.00
Ribeira Grande	2,013	0.01	2.20	0.00	0.00
Santa Maria	2,050	0.00	1.10	0.00	0.00
Sal Rei	2,051	0.00	1.10	0.00	0.00
Total		0.25	100.00	0.06	0.01

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.14 CENTRAL AFRICAN REPUBLIC

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Central African Republic 2004 - 2014

Year	Central African Republic	% of Region	% of Globe
2004	0.18	0.05%	0.00%
2005	0.18	0.05%	0.00%
2006	0.19	0.05%	0.00%
2007	0.19	0.05%	0.00%
2008	0.20	0.05%	0.00%
2009	0.21	0.05%	0.00%
2010	0.21	0.05%	0.00%
2011	0.22	0.05%	0.00%
2012	0.23	0.05%	0.00%
2013	0.23	0.05%	0.00%
2014	0.24	0.05%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Central African Republic: Worldwide Interoperability for Microwave Access
(WiMAX) Equipment in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Bangui	1,448	0.14	68.70	0.04	0.00
Berberati	1,851	0.02	11.51	0.01	0.00
Bouar	1,926	0.01	6.33	0.00	0.00
Bambari	1,937	0.01	5.98	0.00	0.00
Bangassou	1,983	0.01	4.14	0.00	0.00
Mbaiki	2,003	0.01	3.34	0.00	0.00
Total		0.21	100.00	0.05	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.15 CHAD

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Chad 2004 - 2014

Year	Chad	% of Region	% of Globe
2004	1.01	0.31%	0.03%
2005	1.02	0.30%	0.03%
2006	1.02	0.29%	0.03%
2007	1.03	0.28%	0.03%
2008	1.03	0.27%	0.02%
2009	1.04	0.26%	0.02%
2010	1.04	0.25%	0.02%
2011	1.05	0.24%	0.02%
2012	1.05	0.24%	0.02%
2013	1.06	0.23%	0.02%
2014	1.06	0.22%	0.02%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Chad: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
N'Djamena	893	0.52	50.05	0.13	0.01
Sarh	1,480	0.13	12.12	0.03	0.00
Moundou	1,581	0.09	8.50	0.02	0.00
Abeche	1,637	0.07	6.94	0.02	0.00
Bongor	1,647	0.07	6.74	0.02	0.00
Doba	1,666	0.06	6.26	0.02	0.00
Lai	1,692	0.06	5.67	0.01	0.00
Koumra	1,872	0.02	1.96	0.01	0.00
Kelo	1,883	0.02	1.76	0.00	0.00
Total		1.04	100.00	0.26	0.02

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.16 COMOROS

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Comoros 2004 - 2014

Year	Comoros	% of Region	% of Globe
2004	0.08	0.02%	0.00%
2005	0.08	0.02%	0.00%
2006	0.08	0.02%	0.00%
2007	0.08	0.02%	0.00%
2008	0.08	0.02%	0.00%
2009	0.08	0.02%	0.00%
2010	0.08	0.02%	0.00%
2011	0.08	0.02%	0.00%
2012	0.08	0.02%	0.00%
2013	0.08	0.02%	0.00%
2014	0.08	0.02%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Comoros: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Moroni	1,763	0.04	48.84	0.01	0.00
Mutsamudu	1,843	0.02	30.23	0.01	0.00
Fomboni	1,944	0.01	13.95	0.00	0.00
Mitsamiouli	2,010	0.01	6.98	0.00	0.00
Total		0.08	100.00	0.02	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.17 CONGO (FORMERLY ZAIRE)

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Congo (formerly Zaire) 2004 - 2014

Year	Congo (formerly Zaire)	% of Region	% of Globe
2004	1.02	0.32%	0.03%
2005	1.07	0.32%	0.03%
2006	1.12	0.32%	0.03%
2007	1.18	0.32%	0.03%
2008	1.23	0.32%	0.03%
2009	1.29	0.33%	0.03%
2010	1.35	0.33%	0.03%
2011	1.41	0.33%	0.03%
2012	1.48	0.33%	0.03%
2013	1.55	0.33%	0.03%
2014	1.62	0.33%	0.03%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Congo (formerly Zaire): Worldwide Interoperability for Microwave Access
(WiMAX) Equipment in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Kinshasa	802	0.65	50.00	0.16	0.01
Lubumbashi	1,469	0.13	10.23	0.03	0.00
Mbuji-Mayi	1,537	0.10	7.97	0.03	0.00
Kananga	1,640	0.07	5.48	0.02	0.00
Kisangani	1,654	0.07	5.33	0.02	0.00
Likasi	1,737	0.05	3.65	0.01	0.00
Kalemie	1,756	0.04	3.24	0.01	0.00
Bukavu	1,757	0.04	3.22	0.01	0.00
Kamina	1,771	0.04	3.01	0.01	0.00
Kikwit	1,789	0.04	2.77	0.01	0.00
Matadi	1,791	0.04	2.73	0.01	0.00
Mbandaka	1,827	0.03	2.35	0.01	0.00
Total		1.29	100.00	0.33	0.03

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.18 COTE D'IVOIRE

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Cote d'Ivoire 2004 - 2014

Year	Cote d'Ivoire	% of Region	% of Globe
2004	1.97	0.61%	0.05%
2005	2.01	0.59%	0.05%
2006	2.05	0.58%	0.05%
2007	2.09	0.57%	0.05%
2008	2.13	0.56%	0.05%
2009	2.17	0.55%	0.05%
2010	2.21	0.54%	0.05%
2011	2.26	0.53%	0.05%
2012	2.30	0.52%	0.05%
2013	2.35	0.50%	0.05%
2014	2.39	0.49%	0.05%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Cote d'Ivoire: Worldwide Interoperability for Microwave Access (WiMAX)
Equipment in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Abidjan	428	1.62	74.60	0.41	0.04
Bouake	1,340	0.19	8.87	0.05	0.00
Yamoussoukro	1,534	0.10	4.84	0.03	0.00
Daloa	1,646	0.07	3.23	0.02	0.00
Port-Bouet	1,715	0.05	2.42	0.01	0.00
Man	1,730	0.05	2.22	0.01	0.00
Korhogo	1,743	0.05	2.14	0.01	0.00
Gagnoa	1,783	0.04	1.69	0.01	0.00
Total		2.17	100.00	0.55	0.05

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.19 DJIBOUTI

**Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$
Million): Djibouti 2004 - 2014**

Year	Djibouti	% of Region	% of Globe
2004	0.11	0.03%	0.00%
2005	0.11	0.03%	0.00%
2006	0.11	0.03%	0.00%
2007	0.12	0.03%	0.00%
2008	0.12	0.03%	0.00%
2009	0.13	0.03%	0.00%
2010	0.13	0.03%	0.00%
2011	0.13	0.03%	0.00%
2012	0.14	0.03%	0.00%
2013	0.14	0.03%	0.00%
2014	0.14	0.03%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Djibouti: Worldwide Interoperability for Microwave Access (WiMAX) Equipment
in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Djibouti	1,597	0.08	66.67	0.02	0.00
Dikhil	1,932	0.01	10.11	0.00	0.00
Tadjourah	1,964	0.01	8.05	0.00	0.00
Ali-Sabiah	1,966	0.01	7.82	0.00	0.00
Obock	1,975	0.01	7.36	0.00	0.00
Total		0.13	100.00	0.03	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.20 EGYPT

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Egypt 2004 - 2014

Year	Egypt	% of Region	% of Globe
2004	23.07	7.13%	0.64%
2005	24.21	7.18%	0.65%
2006	25.40	7.24%	0.65%
2007	26.65	7.29%	0.66%
2008	27.96	7.34%	0.67%
2009	29.29	7.39%	0.68%
2010	30.67	7.44%	0.69%
2011	32.12	7.49%	0.69%
2012	33.64	7.53%	0.70%
2013	35.22	7.58%	0.71%
2014	36.87	7.62%	0.72%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Egypt: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Cairo	44	17.45	59.57	4.40	0.40
Alexandria	189	4.63	15.80	1.17	0.11
Giza	278	2.65	9.05	0.67	0.06
Al-Mahallah al Kubra	823	0.61	2.09	0.15	0.01
Port Said	825	0.61	2.07	0.15	0.01
Tanta	837	0.59	2.03	0.15	0.01
Al-Mansurah	859	0.57	1.94	0.14	0.01
Helwan	864	0.56	1.91	0.14	0.01
Asyut	954	0.46	1.58	0.12	0.01
Zagazig	985	0.43	1.48	0.11	0.01
Suez	1,003	0.42	1.44	0.11	0.01
Aswan	1,121	0.31	1.06	0.08	0.01
Total		29.29	100.00	7.39	0.68

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.21 EQUATORIAL GUINEA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Equatorial Guinea 2004 - 2014

Year	Equatorial Guinea	% of Region	% of Globe
2004	1.22	0.38%	0.03%
2005	1.32	0.39%	0.04%
2006	1.43	0.41%	0.04%
2007	1.54	0.42%	0.04%
2008	1.66	0.44%	0.04%
2009	1.79	0.45%	0.04%
2010	1.92	0.47%	0.04%
2011	2.07	0.48%	0.04%
2012	2.22	0.50%	0.05%
2013	2.39	0.51%	0.05%
2014	2.56	0.53%	0.05%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Equatorial Guinea: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Malabo	689	0.84	47.24	0.21	0.02
Bata	1,016	0.41	22.83	0.10	0.01
Luba	1,123	0.31	17.32	0.08	0.01
Mbini	1,274	0.23	12.60	0.06	0.01
Total		1.79	100.00	0.45	0.04

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.22 ETHIOPIA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Ethiopia 2004 - 2014

Year	Ethiopia	% of Region	% of Globe
2004	2.78	0.86%	0.08%
2005	2.96	0.88%	0.08%
2006	3.15	0.90%	0.08%
2007	3.35	0.92%	0.08%
2008	3.57	0.94%	0.09%
2009	3.78	0.95%	0.09%
2010	4.01	0.97%	0.09%
2011	4.25	0.99%	0.09%
2012	4.51	1.01%	0.09%
2013	4.78	1.03%	0.10%
2014	5.06	1.05%	0.10%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Ethiopia: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Addis Ababa	309	2.35	62.14	0.59	0.05
Asmera	948	0.47	12.30	0.12	0.01
Dire Dawa	1,428	0.15	4.07	0.04	0.00
Gondar	1,476	0.13	3.37	0.03	0.00
Dessye	1,490	0.12	3.16	0.03	0.00
Nazret	1,491	0.12	3.16	0.03	0.00
Jimma	1,545	0.10	2.66	0.03	0.00
Harar	1,551	0.10	2.62	0.02	0.00
Mekele	1,558	0.10	2.58	0.02	0.00
Bahr Dar	1,584	0.09	2.29	0.02	0.00
Debre Markos	1,676	0.06	1.66	0.02	0.00
Total		3.78	100.00	0.95	0.09

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.23 GABON

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Gabon 2004 - 2014

Year	Gabon	% of Region	% of Globe
2004	1.13	0.35%	0.03%
2005	1.17	0.35%	0.03%
2006	1.22	0.35%	0.03%
2007	1.26	0.34%	0.03%
2008	1.30	0.34%	0.03%
2009	1.34	0.34%	0.03%
2010	1.39	0.34%	0.03%
2011	1.44	0.33%	0.03%
2012	1.49	0.33%	0.03%
2013	1.54	0.33%	0.03%
2014	1.59	0.33%	0.03%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Gabon: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Libreville	704	0.81	60.07	0.20	0.02
Port Gentil	1,053	0.38	27.99	0.09	0.01
Lambarene	1,695	0.06	4.27	0.01	0.00
Mouila	1,784	0.04	2.73	0.01	0.00
Tchibanga	1,797	0.03	2.56	0.01	0.00
Oyem	1,809	0.03	2.39	0.01	0.00
Total		1.34	100.00	0.34	0.03

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.24 GHANA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Ghana 2004 - 2014

Year	Ghana	% of Region	% of Globe
2004	1.70	0.53%	0.05%
2005	1.78	0.53%	0.05%
2006	1.86	0.53%	0.05%
2007	1.94	0.53%	0.05%
2008	2.02	0.53%	0.05%
2009	2.11	0.53%	0.05%
2010	2.20	0.53%	0.05%
2011	2.29	0.53%	0.05%
2012	2.39	0.53%	0.05%
2013	2.49	0.54%	0.05%
2014	2.59	0.54%	0.05%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Ghana: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Accra	603	1.04	49.30	0.26	0.02
Kumasi	999	0.42	20.00	0.11	0.01
Tamale	1,411	0.17	7.84	0.04	0.00
Tema	1,492	0.12	5.66	0.03	0.00
Sekondi-Takoradi	1,508	0.11	5.40	0.03	0.00
Cape Coast	1,668	0.06	3.06	0.02	0.00
Koforidua	1,669	0.06	3.06	0.02	0.00
Sunyani	1,755	0.04	2.03	0.01	0.00
Ho	1,758	0.04	1.97	0.01	0.00
Bolgatanga	1,793	0.04	1.66	0.01	0.00
Total		2.11	100.00	0.53	0.05

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.25 GUINEA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Guinea 2004 - 2014

Year	Guinea	% of Region	% of Globe
2004	0.59	0.18%	0.02%
2005	0.60	0.18%	0.02%
2006	0.61	0.17%	0.02%
2007	0.62	0.17%	0.02%
2008	0.63	0.17%	0.02%
2009	0.64	0.16%	0.01%
2010	0.65	0.16%	0.01%
2011	0.67	0.16%	0.01%
2012	0.68	0.15%	0.01%
2013	0.69	0.15%	0.01%
2014	0.70	0.15%	0.01%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Guinea: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Conakry	899	0.51	79.93	0.13	0.01
Kankan	1,667	0.06	10.09	0.02	0.00
Labe	1,734	0.05	7.37	0.01	0.00
Nzerekore	1,897	0.02	2.61	0.00	0.00
Total		0.64	100.00	0.16	0.01

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.26 GUINEA-BISSAU

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Guinea-Bissau 2004 - 2014

Year	Guinea-Bissau	% of Region	% of Globe
2004	0.05	0.02%	0.00%
2005	0.05	0.02%	0.00%
2006	0.05	0.02%	0.00%
2007	0.06	0.02%	0.00%
2008	0.06	0.02%	0.00%
2009	0.06	0.02%	0.00%
2010	0.06	0.02%	0.00%
2011	0.06	0.01%	0.00%
2012	0.07	0.01%	0.00%
2013	0.07	0.01%	0.00%
2014	0.07	0.01%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Guinea-Bissau: Worldwide Interoperability for Microwave Access (WiMAX)
Equipment in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Bissau	1,745	0.05	75.76	0.01	0.00
Bafata	2,021	0.00	7.88	0.00	0.00
Gabu	2,044	0.00	4.85	0.00	0.00
Catio	2,059	0.00	3.03	0.00	0.00
Mansoa	2,060	0.00	3.03	0.00	0.00
Cantchungo	2,061	0.00	3.03	0.00	0.00
Farim	2,068	0.00	2.42	0.00	0.00
Total		0.06	100.00	0.02	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.27 IRAN

**Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$
Million): Iran 2004 - 2014**

Year	Iran	% of Region	% of Globe
2004	24.18	7.47%	0.67%
2005	25.00	7.42%	0.67%
2006	25.84	7.36%	0.67%
2007	26.70	7.30%	0.66%
2008	27.60	7.25%	0.66%
2009	28.50	7.19%	0.66%
2010	29.44	7.14%	0.66%
2011	30.40	7.09%	0.66%
2012	31.40	7.03%	0.66%
2013	32.42	6.98%	0.65%
2014	33.47	6.92%	0.65%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Iran: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Tehran	74	12.22	42.86	3.08	0.28
Mashad	254	2.96	10.38	0.75	0.07
Isfahan	363	2.00	7.00	0.50	0.05
Tabriz	365	1.96	6.89	0.50	0.05
Shiraz	408	1.71	6.01	0.43	0.04
Ahvaz	534	1.17	4.11	0.30	0.03
Bakhtaran	546	1.13	3.98	0.29	0.03
Qom	569	1.10	3.85	0.28	0.03
Karaj	590	1.07	3.74	0.27	0.02
Orumiyeh	824	0.61	2.13	0.15	0.01
Abadan	835	0.59	2.09	0.15	0.01
Rasht	843	0.59	2.06	0.15	0.01
Kerman	892	0.52	1.82	0.13	0.01
Yazd	949	0.46	1.63	0.12	0.01
Bandar 'Abbas	1,017	0.41	1.43	0.10	0.01
Total		28.50	100.00	7.19	0.66

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.28 IRAQ

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Iraq 2004 - 2014

Year	Iraq	% of Region	% of Globe
2004	5.59	1.73%	0.15%
2005	5.80	1.72%	0.15%
2006	6.02	1.71%	0.15%
2007	6.24	1.71%	0.16%
2008	6.47	1.70%	0.16%
2009	6.71	1.69%	0.16%
2010	6.95	1.69%	0.16%
2011	7.20	1.68%	0.16%
2012	7.47	1.67%	0.16%
2013	7.73	1.66%	0.16%
2014	8.01	1.66%	0.16%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Iraq: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Baghdad	211	3.80	56.60	0.96	0.09
Basra	904	0.50	7.51	0.13	0.01
Mosul	946	0.47	6.95	0.12	0.01
Kirkuk	981	0.44	6.51	0.11	0.01
Irbil	1,185	0.27	4.07	0.07	0.01
As-Sulaymaniyah	1,271	0.23	3.40	0.06	0.01
An-Najaf	1,326	0.20	2.96	0.05	0.00
Al-Hillah	1,380	0.18	2.62	0.04	0.00
Karbala	1,435	0.15	2.25	0.04	0.00
An-Nasiriyah	1,509	0.11	1.69	0.03	0.00
Ar-Ramadi	1,514	0.11	1.67	0.03	0.00
Al-Amarah	1,523	0.11	1.61	0.03	0.00
Ba'qubah	1,567	0.09	1.40	0.02	0.00
Samarra	1,721	0.05	0.75	0.01	0.00
Total		6.71	100.00	1.69	0.16

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.29 ISRAEL

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Israel 2004 - 2014

Year	Israel	% of Region	% of Globe
2004	10.32	3.19%	0.28%
2005	10.71	3.18%	0.29%
2006	11.11	3.17%	0.29%
2007	11.53	3.15%	0.29%
2008	11.97	3.14%	0.29%
2009	12.41	3.13%	0.29%
2010	12.87	3.12%	0.29%
2011	13.34	3.11%	0.29%
2012	13.83	3.10%	0.29%
2013	14.34	3.08%	0.29%
2014	14.86	3.07%	0.29%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Israel: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Jerusalem	221	3.60	28.97	0.91	0.08
Tel Aviv	296	2.45	19.77	0.62	0.06
Haifa	410	1.71	13.77	0.43	0.04
Holon	579	1.07	8.65	0.27	0.02
Petach-Tikva	620	1.00	8.09	0.25	0.02
Ramat Gan	666	0.89	7.16	0.22	0.02
Beersheba	671	0.88	7.10	0.22	0.02
Bene Beraq	705	0.80	6.49	0.20	0.02
Total		12.41	100.00	3.13	0.29

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.30 JORDAN

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Jordan 2004 - 2014

Year	Jordan	% of Region	% of Globe
2004	1.55	0.48%	0.04%
2005	1.62	0.48%	0.04%
2006	1.68	0.48%	0.04%
2007	1.75	0.48%	0.04%
2008	1.82	0.48%	0.04%
2009	1.90	0.48%	0.04%
2010	1.97	0.48%	0.04%
2011	2.05	0.48%	0.04%
2012	2.13	0.48%	0.04%
2013	2.22	0.48%	0.04%
2014	2.30	0.48%	0.04%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Jordan: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Amman	597	1.06	55.97	0.27	0.02
Zarqa	1,068	0.36	19.09	0.09	0.01
Irbid	1,342	0.19	10.07	0.05	0.00
Salt	1,422	0.16	8.33	0.04	0.00
Ajlun	1,708	0.06	2.92	0.01	0.00
Jarash	1,777	0.04	1.99	0.01	0.00
Madaba	1,822	0.03	1.62	0.01	0.00
Total		1.90	100.00	0.48	0.04

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.31 KENYA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Kenya 2004 - 2014

Year	Kenya	% of Region	% of Globe
2004	3.14	0.97%	0.09%
2005	3.28	0.97%	0.09%
2006	3.42	0.98%	0.09%
2007	3.57	0.98%	0.09%
2008	3.73	0.98%	0.09%
2009	3.89	0.98%	0.09%
2010	4.06	0.98%	0.09%
2011	4.23	0.99%	0.09%
2012	4.41	0.99%	0.09%
2013	4.60	0.99%	0.09%
2014	4.80	0.99%	0.09%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Kenya: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Nairobi	334	2.16	55.53	0.55	0.05
Mombasa	693	0.83	21.43	0.21	0.02
Kisumu	1,097	0.33	8.40	0.08	0.01
Nakuru	1,322	0.20	5.13	0.05	0.00
Eldoret	1,498	0.12	3.02	0.03	0.00
Thika	1,604	0.08	2.06	0.02	0.00
Nyeri	1,643	0.07	1.81	0.02	0.00
Nanyuki	1,832	0.03	0.75	0.01	0.00
Kitale	1,837	0.03	0.70	0.01	0.00
Malindi	1,853	0.02	0.60	0.01	0.00
Kericho	1,863	0.02	0.55	0.01	0.00
Total		3.89	100.00	0.98	0.09

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.32 KUWAIT

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Kuwait 2004 - 2014

Year	Kuwait	% of Region	% of Globe
2004	7.65	2.36%	0.21%
2005	7.96	2.36%	0.21%
2006	8.29	2.36%	0.21%
2007	8.62	2.36%	0.21%
2008	8.97	2.36%	0.22%
2009	9.33	2.35%	0.22%
2010	9.69	2.35%	0.22%
2011	10.07	2.35%	0.22%
2012	10.47	2.34%	0.22%
2013	10.88	2.34%	0.22%
2014	11.30	2.34%	0.22%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Kuwait: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Salmiya	241	3.15	33.77	0.79	0.07
Hawalli	252	2.99	32.01	0.75	0.07
Jahra	314	2.29	24.50	0.58	0.05
Kuwait	660	0.91	9.71	0.23	0.02
Total		9.33	100.00	2.35	0.22

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.33 KYRGYZSTAN

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Kyrgyzstan 2004 - 2014

Year	Kyrgyzstan	% of Region	% of Globe
2004	0.56	0.17%	0.02%
2005	0.59	0.17%	0.02%
2006	0.61	0.18%	0.02%
2007	0.64	0.18%	0.02%
2008	0.67	0.18%	0.02%
2009	0.70	0.18%	0.02%
2010	0.73	0.18%	0.02%
2011	0.76	0.18%	0.02%
2012	0.80	0.18%	0.02%
2013	0.83	0.18%	0.02%
2014	0.87	0.18%	0.02%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Kyrgyzstan: Worldwide Interoperability for Microwave Access (WiMAX)
Equipment in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Bishkek	984	0.44	62.08	0.11	0.01
Osh	1,444	0.15	20.92	0.04	0.00
Dzhalal-Abad	1,761	0.04	5.80	0.01	0.00
Przhevalsk	1,772	0.04	5.50	0.01	0.00
Kyzyl-Kiya	1,858	0.02	3.14	0.01	0.00
Naryn	1,888	0.02	2.55	0.00	0.00
Total		0.70	100.00	0.18	0.02

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.34 LEBANON

**Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$
Million): Lebanon 2004 - 2014**

Year	Lebanon	% of Region	% of Globe
2004	2.50	0.77%	0.07%
2005	2.53	0.75%	0.07%
2006	2.57	0.73%	0.07%
2007	2.60	0.71%	0.06%
2008	2.63	0.69%	0.06%
2009	2.67	0.67%	0.06%
2010	2.70	0.65%	0.06%
2011	2.73	0.64%	0.06%
2012	2.77	0.62%	0.06%
2013	2.80	0.60%	0.06%
2014	2.84	0.59%	0.06%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Lebanon: Worldwide Interoperability for Microwave Access (WiMAX) Equipment
in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Beirut	406	1.73	64.82	0.44	0.04
Tripoli	851	0.58	21.61	0.15	0.01
Zahle	1,266	0.23	8.64	0.06	0.01
Sidon	1,504	0.12	4.32	0.03	0.00
Tyre	1,900	0.02	0.61	0.00	0.00
Total		2.67	100.00	0.67	0.06

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.35 LESOTHO

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Lesotho 2004 - 2014

Year	Lesotho	% of Region	% of Globe
2004	0.17	0.05%	0.00%
2005	0.18	0.05%	0.00%
2006	0.19	0.05%	0.00%
2007	0.19	0.05%	0.00%
2008	0.20	0.05%	0.00%
2009	0.21	0.05%	0.00%
2010	0.21	0.05%	0.00%
2011	0.22	0.05%	0.00%
2012	0.23	0.05%	0.00%
2013	0.24	0.05%	0.00%
2014	0.25	0.05%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Lesotho: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Maseru	1,378	0.18	85.16	0.04	0.00
Teyateyaneng	1,929	0.01	6.25	0.00	0.00
Leribe	1,969	0.01	4.69	0.00	0.00
Mafeteng	1,989	0.01	3.91	0.00	0.00
Total		0.21	100.00	0.05	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.36 LIBERIA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Liberia 2004 - 2014

Year	Liberia	% of Region	% of Globe
2004	0.08	0.02%	0.00%
2005	0.08	0.02%	0.00%
2006	0.09	0.02%	0.00%
2007	0.09	0.03%	0.00%
2008	0.10	0.03%	0.00%
2009	0.10	0.03%	0.00%
2010	0.11	0.03%	0.00%
2011	0.11	0.03%	0.00%
2012	0.12	0.03%	0.00%
2013	0.13	0.03%	0.00%
2014	0.13	0.03%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Liberia: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Monrovia	1,605	0.08	78.41	0.02	0.00
Harbel	1,935	0.01	12.18	0.00	0.00
Buchanan	2,022	0.00	4.43	0.00	0.00
Tubmanburg	2,049	0.00	2.77	0.00	0.00
Harper	2,055	0.00	2.21	0.00	0.00
Total		0.10	100.00	0.03	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.37 LIBYA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Libya 2004 - 2014

Year	Libya	% of Region	% of Globe
2004	4.37	1.35%	0.12%
2005	4.54	1.35%	0.12%
2006	4.72	1.35%	0.12%
2007	4.91	1.34%	0.12%
2008	5.10	1.34%	0.12%
2009	5.30	1.34%	0.12%
2010	5.50	1.33%	0.12%
2011	5.71	1.33%	0.12%
2012	5.93	1.33%	0.12%
2013	6.15	1.32%	0.12%
2014	6.39	1.32%	0.12%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Libya: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Tripoli	273	2.70	50.89	0.68	0.06
Benghazi	463	1.40	26.45	0.35	0.03
Misurata	1,045	0.38	7.24	0.10	0.01
Az Zawiyah	1,197	0.27	5.04	0.07	0.01
Al-Bayda	1,546	0.10	1.90	0.03	0.00
Ajdabiya	1,559	0.10	1.84	0.02	0.00
Darnah	1,566	0.09	1.78	0.02	0.00
Sebha	1,575	0.09	1.72	0.02	0.00
Tubruq	1,582	0.09	1.66	0.02	0.00
Al-Marj	1,607	0.08	1.48	0.02	0.00
Total		5.30	100.00	1.34	0.12

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.38 MADAGASCAR

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Madagascar 2004 - 2014

Year	Madagascar	% of Region	% of Globe
2004	1.09	0.34%	0.03%
2005	1.13	0.34%	0.03%
2006	1.18	0.34%	0.03%
2007	1.24	0.34%	0.03%
2008	1.29	0.34%	0.03%
2009	1.35	0.34%	0.03%
2010	1.40	0.34%	0.03%
2011	1.46	0.34%	0.03%
2012	1.53	0.34%	0.03%
2013	1.59	0.34%	0.03%
2014	1.66	0.34%	0.03%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Madagascar: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Antananarivo	733	0.75	56.02	0.19	0.02
Toamasina	1,439	0.15	11.08	0.04	0.00
Mahajanga	1,494	0.12	8.84	0.03	0.00
Fianarantsoa	1,495	0.12	8.84	0.03	0.00
Antsirabe	1,588	0.08	6.29	0.02	0.00
Toliara	1,671	0.06	4.70	0.02	0.00
Antsiranana	1,699	0.06	4.22	0.01	0.00
Total		1.35	100.00	0.34	0.03

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.39 MALAWI

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Malawi 2004 - 2014

Year	Malawi	% of Region	% of Globe
2004	0.58	0.18%	0.02%
2005	0.60	0.18%	0.02%
2006	0.63	0.18%	0.02%
2007	0.65	0.18%	0.02%
2008	0.68	0.18%	0.02%
2009	0.70	0.18%	0.02%
2010	0.73	0.18%	0.02%
2011	0.76	0.18%	0.02%
2012	0.79	0.18%	0.02%
2013	0.82	0.18%	0.02%
2014	0.86	0.18%	0.02%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Malawi: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Blantyre	1,077	0.35	49.45	0.09	0.01
Lilongwe	1,347	0.19	26.99	0.05	0.00
Mzuzu	1,550	0.10	14.11	0.03	0.00
Zomba	1,744	0.05	6.50	0.01	0.00
Karonga	1,948	0.01	1.60	0.00	0.00
Nkhotakota	1,971	0.01	1.35	0.00	0.00
Total		0.70	100.00	0.18	0.02

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.40 MALI

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Mali 2004 - 2014

Year	Mali	% of Region	% of Globe
2004	0.80	0.25%	0.02%
2005	0.83	0.25%	0.02%
2006	0.86	0.24%	0.02%
2007	0.89	0.24%	0.02%
2008	0.92	0.24%	0.02%
2009	0.95	0.24%	0.02%
2010	0.98	0.24%	0.02%
2011	1.01	0.24%	0.02%
2012	1.04	0.23%	0.02%
2013	1.08	0.23%	0.02%
2014	1.11	0.23%	0.02%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Mali: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Bamako	781	0.67	71.15	0.17	0.02
Segou	1,659	0.07	7.16	0.02	0.00
Mopti	1,704	0.06	5.95	0.01	0.00
Sikasso	1,727	0.05	5.18	0.01	0.00
Kayes	1,739	0.05	4.96	0.01	0.00
Gao	1,806	0.03	3.41	0.01	0.00
Timbuktu	1,864	0.02	2.20	0.01	0.00
Total		0.95	100.00	0.24	0.02

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.41 MAURITANIA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Mauritania 2004 - 2014

Year	Mauritania	% of Region	% of Globe
2004	0.35	0.11%	0.01%
2005	0.36	0.11%	0.01%
2006	0.36	0.10%	0.01%
2007	0.37	0.10%	0.01%
2008	0.38	0.10%	0.01%
2009	0.38	0.10%	0.01%
2010	0.39	0.09%	0.01%
2011	0.40	0.09%	0.01%
2012	0.41	0.09%	0.01%
2013	0.41	0.09%	0.01%
2014	0.42	0.09%	0.01%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Mauritania: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Nouakchott	1,106	0.32	82.92	0.08	0.01
Nouadhibou	1,916	0.01	3.65	0.00	0.00
Kaedi	1,924	0.01	3.48	0.00	0.00
Zouerate	1,955	0.01	2.82	0.00	0.00
Atar	1,960	0.01	2.65	0.00	0.00
Rosso	1,961	0.01	2.65	0.00	0.00
Kiffa	2,001	0.01	1.82	0.00	0.00
Total		0.38	100.00	0.10	0.01

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.42 MAURITIUS

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Mauritius 2004 - 2014

Year	Mauritius	% of Region	% of Globe
2004	0.82	0.25%	0.02%
2005	0.86	0.25%	0.02%
2006	0.89	0.25%	0.02%
2007	0.93	0.25%	0.02%
2008	0.96	0.25%	0.02%
2009	1.00	0.25%	0.02%
2010	1.04	0.25%	0.02%
2011	1.08	0.25%	0.02%
2012	1.13	0.25%	0.02%
2013	1.17	0.25%	0.02%
2014	1.21	0.25%	0.02%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Mauritius: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Port Louis	1,090	0.33	33.33	0.08	0.01
Beau Bassin	1,278	0.22	22.30	0.06	0.01
Quatre Bornes	1,425	0.16	15.59	0.04	0.00
Curepipe	1,426	0.16	15.59	0.04	0.00
Vacoas-Phoenix	1,468	0.13	13.19	0.03	0.00
Total		1.00	100.00	0.25	0.02

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.43 MOROCCO

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Morocco 2004 - 2014

Year	Morocco	% of Region	% of Globe
2004	7.54	2.33%	0.21%
2005	7.70	2.29%	0.21%
2006	7.87	2.24%	0.20%
2007	8.05	2.20%	0.20%
2008	8.22	2.16%	0.20%
2009	8.40	2.12%	0.19%
2010	8.58	2.08%	0.19%
2011	8.77	2.04%	0.19%
2012	8.96	2.01%	0.19%
2013	9.15	1.97%	0.18%
2014	9.35	1.93%	0.18%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Morocco: Worldwide Interoperability for Microwave Access (WiMAX) Equipment
in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Casablanca	350	2.07	24.65	0.52	0.05
Marrakech	614	1.02	12.09	0.26	0.02
Rabat	655	0.92	10.92	0.23	0.02
Fez	790	0.67	7.92	0.17	0.02
Oujda	807	0.64	7.60	0.16	0.01
Kenitra	836	0.59	7.07	0.15	0.01
Tetouan	857	0.57	6.79	0.14	0.01
Safi	861	0.57	6.73	0.14	0.01
Meknes	909	0.50	5.97	0.13	0.01
Agadir	913	0.50	5.94	0.13	0.01
Tangier	1,066	0.36	4.32	0.09	0.01
Total		8.40	100.00	2.12	0.19

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.44 MOZAMBIQUE

**Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$
Million): Mozambique 2004 - 2014**

Year	Mozambique	% of Region	% of Globe
2004	0.95	0.29%	0.03%
2005	0.99	0.29%	0.03%
2006	1.04	0.30%	0.03%
2007	1.10	0.30%	0.03%
2008	1.15	0.30%	0.03%
2009	1.21	0.31%	0.03%
2010	1.27	0.31%	0.03%
2011	1.33	0.31%	0.03%
2012	1.40	0.31%	0.03%
2013	1.46	0.31%	0.03%
2014	1.53	0.32%	0.03%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Mozambique: Worldwide Interoperability for Microwave Access (WiMAX)
Equipment in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Maputo	745	0.74	60.83	0.19	0.02
Beira	1,320	0.20	16.60	0.05	0.00
Nampula	1,462	0.14	11.20	0.03	0.00
Nacala	1,644	0.07	5.80	0.02	0.00
Machaze	1,814	0.03	2.62	0.01	0.00
Chibuto	1,889	0.02	1.48	0.00	0.00
Mandie	1,890	0.02	1.48	0.00	0.00
Total		1.21	100.00	0.31	0.03

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.45 NAMIBIA

**Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$
Million): Namibia 2004 - 2014**

Year	Namibia	% of Region	% of Globe
2004	0.60	0.19%	0.02%
2005	0.62	0.19%	0.02%
2006	0.65	0.18%	0.02%
2007	0.67	0.18%	0.02%
2008	0.69	0.18%	0.02%
2009	0.71	0.18%	0.02%
2010	0.74	0.18%	0.02%
2011	0.76	0.18%	0.02%
2012	0.79	0.18%	0.02%
2013	0.82	0.18%	0.02%
2014	0.84	0.17%	0.02%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Namibia: Worldwide Interoperability for Microwave Access (WiMAX) Equipment
in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Windhoek	905	0.50	70.55	0.13	0.01
Tsumeb	1,697	0.06	7.98	0.01	0.00
Keetmanshoop	1,729	0.05	6.75	0.01	0.00
Otjiwarongo	1,766	0.04	5.52	0.01	0.00
Luderitz	1,792	0.04	4.91	0.01	0.00
Swakopmund	1,823	0.03	4.29	0.01	0.00
Total		0.71	100.00	0.18	0.02

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.46 NIGER

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Niger 2004 - 2014

Year	Niger	% of Region	% of Globe
2004	0.51	0.16%	0.01%
2005	0.53	0.16%	0.01%
2006	0.54	0.16%	0.01%
2007	0.56	0.15%	0.01%
2008	0.58	0.15%	0.01%
2009	0.60	0.15%	0.01%
2010	0.62	0.15%	0.01%
2011	0.64	0.15%	0.01%
2012	0.67	0.15%	0.01%
2013	0.69	0.15%	0.01%
2014	0.71	0.15%	0.01%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Niger: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Niamey	1,056	0.37	61.99	0.09	0.01
Zinder	1,609	0.08	12.93	0.02	0.00
Maradi	1,682	0.06	10.12	0.02	0.00
Tahoua	1,767	0.04	6.54	0.01	0.00
Agadez	1,841	0.03	4.21	0.01	0.00
Birni N'Konni	1,906	0.02	2.49	0.00	0.00
Filingue	1,959	0.01	1.71	0.00	0.00
Total		0.60	100.00	0.15	0.01

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.47 NIGERIA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Nigeria 2004 - 2014

Year	Nigeria	% of Region	% of Globe
2004	16.04	4.96%	0.44%
2005	16.76	4.97%	0.45%
2006	17.50	4.99%	0.45%
2007	18.28	5.00%	0.45%
2008	19.08	5.01%	0.46%
2009	19.90	5.02%	0.46%
2010	20.75	5.03%	0.46%
2011	21.64	5.04%	0.47%
2012	22.57	5.05%	0.47%
2013	23.53	5.06%	0.47%
2014	24.53	5.07%	0.48%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Nigeria: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Lagos	228	3.40	17.07	0.86	0.08
Ibadan	239	3.20	16.09	0.81	0.07
Ogbomosho	424	1.63	8.20	0.41	0.04
Kano	449	1.51	7.57	0.38	0.03
Oshogbo	583	1.07	5.37	0.27	0.02
Ilorin	589	1.07	5.35	0.27	0.02
Abeokuta	639	0.96	4.81	0.24	0.02
Port Harcourt	656	0.92	4.60	0.23	0.02
Zaria	686	0.85	4.26	0.21	0.02
Ilesha	687	0.85	4.26	0.21	0.02
Onitsha	694	0.83	4.18	0.21	0.02
Kaduna	726	0.77	3.85	0.19	0.02
Enugu	765	0.71	3.55	0.18	0.02
Aba	785	0.67	3.36	0.17	0.02
Benin City	897	0.51	2.59	0.13	0.01
Others		0.97	4.90	0.25	0.02
Total		19.90	100.00	5.02	0.46

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.48 OMAN

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Oman 2004 - 2014

Year	Oman	% of Region	% of Globe
2004	3.40	1.05%	0.09%
2005	3.53	1.05%	0.09%
2006	3.67	1.05%	0.09%
2007	3.81	1.04%	0.09%
2008	3.96	1.04%	0.10%
2009	4.11	1.04%	0.10%
2010	4.27	1.04%	0.10%
2011	4.43	1.03%	0.10%
2012	4.60	1.03%	0.10%
2013	4.77	1.03%	0.10%
2014	4.95	1.02%	0.10%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Oman: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Muscat	307	2.36	57.47	0.60	0.05
Matrah	707	0.80	19.54	0.20	0.02
Salala	940	0.47	11.49	0.12	0.01
Nizwa	941	0.47	11.49	0.12	0.01
Total		4.11	100.00	1.04	0.10

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.49 PAKISTAN

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Pakistan 2004 - 2014

Year	Pakistan	% of Region	% of Globe
2004	24.28	7.50%	0.67%
2005	25.36	7.52%	0.68%
2006	26.48	7.54%	0.68%
2007	27.66	7.56%	0.69%
2008	28.88	7.58%	0.69%
2009	30.12	7.60%	0.70%
2010	31.41	7.62%	0.70%
2011	32.75	7.63%	0.71%
2012	34.15	7.65%	0.71%
2013	35.60	7.66%	0.72%
2014	37.11	7.67%	0.72%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Pakistan: Worldwide Interoperability for Microwave Access (WiMAX) Equipment
in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Karachi	76	11.56	38.40	2.92	0.27
Lahore	142	6.56	21.77	1.65	0.15
Faisalabad	297	2.45	8.14	0.62	0.06
Rawalpindi	398	1.77	5.86	0.45	0.04
Hyderabad	418	1.67	5.54	0.42	0.04
Multan	427	1.62	5.38	0.41	0.04
Gujranwala	458	1.46	4.86	0.37	0.03
Peshawar	510	1.26	4.17	0.32	0.03
Sialkot	784	0.67	2.23	0.17	0.02
Sargodha	801	0.65	2.15	0.16	0.01
Islamabad	966	0.45	1.50	0.11	0.01
Total		30.12	100.00	7.60	0.70

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.50 PALESTINE

**Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$
Million): Palestine 2004 - 2014**

Year	Palestine	% of Region	% of Globe
2004	0.16	0.05%	0.00%
2005	0.16	0.05%	0.00%
2006	0.17	0.05%	0.00%
2007	0.17	0.05%	0.00%
2008	0.18	0.05%	0.00%
2009	0.18	0.05%	0.00%
2010	0.19	0.04%	0.00%
2011	0.19	0.04%	0.00%
2012	0.19	0.04%	0.00%
2013	0.20	0.04%	0.00%
2014	0.21	0.04%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Palestine: Worldwide Interoperability for Microwave Access (WiMAX) Equipment
in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
West Bank	1,505	0.11	63.56	0.03	0.00
Gaza Strip	1,664	0.07	36.44	0.02	0.00
Total		0.18	100.00	0.05	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.51 QATAR

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Qatar 2004 - 2014

Year	Qatar	% of Region	% of Globe
2004	3.04	0.94%	0.08%
2005	3.20	0.95%	0.09%
2006	3.37	0.96%	0.09%
2007	3.55	0.97%	0.09%
2008	3.73	0.98%	0.09%
2009	3.92	0.99%	0.09%
2010	4.12	1.00%	0.09%
2011	4.33	1.01%	0.09%
2012	4.54	1.02%	0.09%
2013	4.77	1.03%	0.10%
2014	5.01	1.04%	0.10%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Qatar: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Doha	209	3.92	100.00	0.99	0.09
Total		3.92	100.00	0.99	0.09

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.52 REPUBLIC OF CONGO

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Republic of Congo 2004 - 2014

Year	Republic of Congo	% of Region	% of Globe
2004	0.82	0.25%	0.02%
2005	0.84	0.25%	0.02%
2006	0.86	0.24%	0.02%
2007	0.88	0.24%	0.02%
2008	0.90	0.24%	0.02%
2009	0.93	0.23%	0.02%
2010	0.95	0.23%	0.02%
2011	0.97	0.23%	0.02%
2012	1.00	0.22%	0.02%
2013	1.02	0.22%	0.02%
2014	1.05	0.22%	0.02%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Republic of Congo: Worldwide Interoperability for Microwave Access (WiMAX)
Equipment in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Brazzaville	876	0.54	58.32	0.14	0.01
Pointe-Noire	1,189	0.27	29.16	0.07	0.01
Nkayi	1,796	0.03	3.72	0.01	0.00
Loubomo	1,802	0.03	3.62	0.01	0.00
Ngamaba-Mfilou	1,856	0.02	2.45	0.01	0.00
Loandjili	1,913	0.01	1.57	0.00	0.00
Mossendjo	1,954	0.01	1.17	0.00	0.00
Total		0.93	100.00	0.23	0.02

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.53 REUNION

**Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$
Million): Reunion 2004 - 2014**

Year	Reunion	% of Region	% of Globe
2004	0.28	0.09%	0.01%
2005	0.29	0.08%	0.01%
2006	0.29	0.08%	0.01%
2007	0.30	0.08%	0.01%
2008	0.31	0.08%	0.01%
2009	0.32	0.08%	0.01%
2010	0.33	0.08%	0.01%
2011	0.33	0.08%	0.01%
2012	0.34	0.08%	0.01%
2013	0.35	0.08%	0.01%
2014	0.36	0.07%	0.01%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Reunion: Worldwide Interoperability for Microwave Access (WiMAX) Equipment
in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Saint-Denis	1,535	0.10	32.61	0.03	0.00
Saint-Paul	1,680	0.06	19.41	0.02	0.00
Saint-Pierre	1,722	0.05	15.90	0.01	0.00
Le Tampon	1,760	0.04	12.94	0.01	0.00
Saint-Louis	1,813	0.03	9.97	0.01	0.00
Le Port	1,834	0.03	9.16	0.01	0.00
Total		0.32	100.00	0.08	0.01

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.54 RWANDA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Rwanda 2004 - 2014

Year	Rwanda	% of Region	% of Globe
2004	0.47	0.15%	0.01%
2005	0.49	0.15%	0.01%
2006	0.51	0.15%	0.01%
2007	0.53	0.15%	0.01%
2008	0.56	0.15%	0.01%
2009	0.58	0.15%	0.01%
2010	0.60	0.15%	0.01%
2011	0.63	0.15%	0.01%
2012	0.65	0.15%	0.01%
2013	0.68	0.15%	0.01%
2014	0.71	0.15%	0.01%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Rwanda: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Kigali	1,023	0.40	69.78	0.10	0.01
Butare	1,701	0.06	9.78	0.01	0.00
Ruhengeri	1,759	0.04	7.11	0.01	0.00
Gisenyi	1,820	0.03	5.33	0.01	0.00
Nyabisindu	1,839	0.03	4.44	0.01	0.00
Cyangugu	1,868	0.02	3.56	0.01	0.00
Total		0.58	100.00	0.15	0.01

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.55 SAO TOME E PRINCIPE

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Sao Tome E Principe 2004 - 2014

Year	Sao Tome E Principe	% of Region	% of Globe
2004	0.02	0.00%	0.00%
2005	0.02	0.00%	0.00%
2006	0.02	0.00%	0.00%
2007	0.02	0.00%	0.00%
2008	0.02	0.00%	0.00%
2009	0.02	0.00%	0.00%
2010	0.02	0.00%	0.00%
2011	0.02	0.00%	0.00%
2012	0.02	0.00%	0.00%
2013	0.02	0.00%	0.00%
2014	0.02	0.00%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Sao Tome E Principe: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Sao Tome	1,882	0.02	97.22	0.00	0.00
Santo Antonio	2,075	0.00	2.78	0.00	0.00
Total		0.02	100.00	0.00	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.56 SAUDI ARABIA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Saudi Arabia 2004 - 2014

Year	Saudi Arabia	% of Region	% of Globe
2004	32.19	9.95%	0.89%
2005	33.34	9.89%	0.89%
2006	34.53	9.84%	0.89%
2007	35.77	9.78%	0.89%
2008	37.04	9.73%	0.89%
2009	38.33	9.67%	0.89%
2010	39.67	9.62%	0.89%
2011	41.04	9.57%	0.89%
2012	42.47	9.51%	0.89%
2013	43.94	9.45%	0.89%
2014	45.45	9.40%	0.88%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Saudi Arabia: Worldwide Interoperability for Microwave Access (WiMAX)
Equipment in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Jiddah	58	14.30	37.31	3.61	0.33
Riyadh	146	6.36	16.59	1.61	0.15
Mecca	175	5.24	13.68	1.32	0.12
Taif	258	2.86	7.46	0.72	0.07
Medina	266	2.77	7.21	0.70	0.06
Dammam	370	1.91	4.98	0.48	0.04
Hufuf	634	0.96	2.51	0.24	0.02
Haradh	642	0.95	2.49	0.24	0.02
Tabuk	756	0.72	1.87	0.18	0.02
Buraydah	786	0.67	1.74	0.17	0.02
Al-Mubarraz	896	0.51	1.34	0.13	0.01
Khamis-Mushait	936	0.48	1.24	0.12	0.01
Jizan	1,116	0.31	0.82	0.08	0.01
Abha	1,165	0.29	0.75	0.07	0.01
Total		38.33	100.00	9.67	0.89

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.57 SENEGAL

**Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$
Million): Senegal 2004 - 2014**

Year	Senegal	% of Region	% of Globe
2004	1.16	0.36%	0.03%
2005	1.20	0.36%	0.03%
2006	1.24	0.35%	0.03%
2007	1.29	0.35%	0.03%
2008	1.33	0.35%	0.03%
2009	1.38	0.35%	0.03%
2010	1.43	0.35%	0.03%
2011	1.48	0.35%	0.03%
2012	1.53	0.34%	0.03%
2013	1.59	0.34%	0.03%
2014	1.64	0.34%	0.03%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Senegal: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Dakar	626	0.99	71.64	0.25	0.02
Thies	1,515	0.11	8.09	0.03	0.00
Kaolack	1,563	0.09	6.84	0.02	0.00
Zinguinchor	1,618	0.08	5.55	0.02	0.00
Saint-Louis	1,649	0.07	5.03	0.02	0.00
Diourbel	1,769	0.04	2.85	0.01	0.00
Total		1.38	100.00	0.35	0.03

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.58 SIERRA LEONE

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Sierra Leone 2004 - 2014

Year	Sierra Leone	% of Region	% of Globe
2004	0.26	0.08%	0.01%
2005	0.28	0.08%	0.01%
2006	0.29	0.08%	0.01%
2007	0.30	0.08%	0.01%
2008	0.32	0.08%	0.01%
2009	0.33	0.08%	0.01%
2010	0.35	0.08%	0.01%
2011	0.36	0.08%	0.01%
2012	0.38	0.08%	0.01%
2013	0.39	0.08%	0.01%
2014	0.41	0.09%	0.01%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Sierra Leone: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Freetown	1,156	0.29	88.18	0.07	0.01
Bo	1,901	0.02	4.88	0.00	0.00
Kenema	1,990	0.01	2.44	0.00	0.00
Makeni	1,998	0.01	2.25	0.00	0.00
Bonthe	2,032	0.00	1.13	0.00	0.00
Port Loko	2,033	0.00	1.13	0.00	0.00
Total		0.33	100.00	0.08	0.01

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.59 SOMALIA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Somalia 2004 - 2014

Year	Somalia	% of Region	% of Globe
2004	0.33	0.10%	0.01%
2005	0.34	0.10%	0.01%
2006	0.34	0.10%	0.01%
2007	0.35	0.10%	0.01%
2008	0.36	0.09%	0.01%
2009	0.37	0.09%	0.01%
2010	0.38	0.09%	0.01%
2011	0.39	0.09%	0.01%
2012	0.40	0.09%	0.01%
2013	0.41	0.09%	0.01%
2014	0.42	0.09%	0.01%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Somalia: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Mogadishu	1,423	0.16	42.66	0.04	0.00
Hargeysa	1,673	0.06	17.06	0.02	0.00
Baidoa	1,735	0.05	12.80	0.01	0.00
Burao	1,736	0.05	12.80	0.01	0.00
Kismaayo	1,815	0.03	8.53	0.01	0.00
Berbera	1,950	0.01	2.99	0.00	0.00
Marka	1,973	0.01	2.56	0.00	0.00
Giohar	2,056	0.00	0.60	0.00	0.00
Total		0.37	100.00	0.09	0.01

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.60 SOUTH AFRICA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): South Africa 2004 - 2014

Year	South Africa	% of Region	% of Globe
2004	26.15	8.08%	0.72%
2005	27.12	8.05%	0.72%
2006	28.13	8.02%	0.72%
2007	29.19	7.98%	0.73%
2008	30.27	7.95%	0.73%
2009	31.37	7.92%	0.73%
2010	32.51	7.89%	0.73%
2011	33.69	7.85%	0.73%
2012	34.91	7.82%	0.73%
2013	36.17	7.78%	0.73%
2014	37.47	7.75%	0.73%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

South Africa: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Johannesburg	95	9.87	31.46	2.49	0.23
Cape Town	117	8.24	26.26	2.08	0.19
Pretoria	122	7.81	24.90	1.97	0.18
Durban	327	2.17	6.93	0.55	0.05
Roodepoort	771	0.69	2.21	0.17	0.02
Germiston	854	0.57	1.82	0.14	0.01
Boksburg	875	0.54	1.73	0.14	0.01
Umlazi	1,032	0.40	1.27	0.10	0.01
Bloemfontein	1,135	0.30	0.97	0.08	0.01
Pietermaritzburg	1,145	0.30	0.95	0.07	0.01
Port Elizabeth	1,180	0.28	0.88	0.07	0.01
East London	1,330	0.20	0.63	0.05	0.00
Total		31.37	100.00	7.92	0.73

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.61 SUDAN

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Sudan 2004 - 2014

Year	Sudan	% of Region	% of Globe
2004	5.11	1.58%	0.14%
2005	5.53	1.64%	0.15%
2006	5.98	1.70%	0.15%
2007	6.46	1.77%	0.16%
2008	6.98	1.83%	0.17%
2009	7.51	1.89%	0.17%
2010	8.07	1.96%	0.18%
2011	8.68	2.02%	0.19%
2012	9.33	2.09%	0.19%
2013	10.03	2.16%	0.20%
2014	10.79	2.23%	0.21%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Sudan: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Omdurman	320	2.24	29.89	0.57	0.05
Khartoum	360	2.02	26.85	0.51	0.05
Port Sudan	654	0.92	12.24	0.23	0.02
Wadi Medani	832	0.60	8.01	0.15	0.01
Al Obeid	838	0.59	7.90	0.15	0.01
Atbara	983	0.44	5.81	0.11	0.01
Kassala	998	0.42	5.64	0.11	0.01
Kosti	1,182	0.28	3.67	0.07	0.01
Total		7.51	100.00	1.89	0.17

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.62 SWAZILAND

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Swaziland 2004 - 2014

Year	Swaziland	% of Region	% of Globe
2004	0.33	0.10%	0.01%
2005	0.33	0.10%	0.01%
2006	0.34	0.10%	0.01%
2007	0.34	0.09%	0.01%
2008	0.35	0.09%	0.01%
2009	0.36	0.09%	0.01%
2010	0.36	0.09%	0.01%
2011	0.37	0.09%	0.01%
2012	0.38	0.08%	0.01%
2013	0.39	0.08%	0.01%
2014	0.39	0.08%	0.01%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Swaziland: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Mbabane	1,406	0.17	46.99	0.04	0.00
Manzini	1,611	0.08	21.69	0.02	0.00
Big Bend	1,753	0.04	12.05	0.01	0.00
Mhlume	1,830	0.03	8.43	0.01	0.00
Nhlangano	1,894	0.02	4.82	0.00	0.00
Pigg's Peak	1,930	0.01	3.61	0.00	0.00
Siteki	1,981	0.01	2.41	0.00	0.00
Total		0.36	100.00	0.09	0.01

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.63 SYRIAN ARAB REPUBLIC

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Syrian Arab Republic 2004 - 2014

Year	Syrian Arab Republic	% of Region	% of Globe
2004	4.81	1.49%	0.13%
2005	4.94	1.47%	0.13%
2006	5.08	1.45%	0.13%
2007	5.23	1.43%	0.13%
2008	5.37	1.41%	0.13%
2009	5.52	1.39%	0.13%
2010	5.68	1.38%	0.13%
2011	5.83	1.36%	0.13%
2012	5.99	1.34%	0.13%
2013	6.16	1.33%	0.12%
2014	6.33	1.31%	0.12%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Syrian Arab Republic: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Damascus	379	1.88	33.99	0.47	0.04
Aleppo	397	1.77	31.99	0.45	0.04
Homs	812	0.63	11.34	0.16	0.01
Latakia	1,076	0.35	6.34	0.09	0.01
Hama	1,120	0.31	5.63	0.08	0.01
Dayr az-Zawr	1,465	0.13	2.42	0.03	0.00
Raqqqa	1,478	0.13	2.29	0.03	0.00
Hasakeh	1,528	0.11	1.92	0.03	0.00
Tartus	1,614	0.08	1.39	0.02	0.00
Idlib	1,626	0.08	1.37	0.02	0.00
Dar'a	1,636	0.07	1.32	0.02	0.00
Total		5.52	100.00	1.39	0.13

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.64 TAJIKISTAN

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Tajikistan 2004 - 2014

Year	Tajikistan	% of Region	% of Globe
2004	0.63	0.19%	0.02%
2005	0.66	0.20%	0.02%
2006	0.69	0.20%	0.02%
2007	0.73	0.20%	0.02%
2008	0.77	0.20%	0.02%
2009	0.81	0.20%	0.02%
2010	0.85	0.21%	0.02%
2011	0.89	0.21%	0.02%
2012	0.94	0.21%	0.02%
2013	0.98	0.21%	0.02%
2014	1.03	0.21%	0.02%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Tajikistan: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Dushanbe	898	0.51	63.64	0.13	0.01
Khodzhent	1,455	0.14	17.11	0.03	0.00
Kulyab	1,710	0.05	6.63	0.01	0.00
Kurgan-Tyube	1,733	0.05	5.88	0.01	0.00
Kanibadam	1,848	0.02	2.99	0.01	0.00
Tursunzade	1,885	0.02	2.25	0.00	0.00
Khorog	1,938	0.01	1.50	0.00	0.00
Total		0.81	100.00	0.20	0.02

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.65 TANZANIA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Tanzania 2004 - 2014

Year	Tanzania	% of Region	% of Globe
2004	2.34	0.72%	0.06%
2005	2.45	0.73%	0.07%
2006	2.57	0.73%	0.07%
2007	2.69	0.74%	0.07%
2008	2.82	0.74%	0.07%
2009	2.94	0.74%	0.07%
2010	3.08	0.75%	0.07%
2011	3.22	0.75%	0.07%
2012	3.37	0.75%	0.07%
2013	3.52	0.76%	0.07%
2014	3.68	0.76%	0.07%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Tanzania: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Dar es Salaam	413	1.69	57.47	0.43	0.04
Mwanza	1,237	0.24	8.30	0.06	0.01
Zanzibar	1,242	0.24	8.22	0.06	0.01
Tanga	1,273	0.23	7.70	0.06	0.01
Mbeya	1,399	0.17	5.75	0.04	0.00
Tabora	1,443	0.15	5.01	0.04	0.00
Arusha	1,488	0.12	4.11	0.03	0.00
Dodoma	1,543	0.10	3.44	0.03	0.00
Total		2.94	100.00	0.74	0.07

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.66 THE GAMBIA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): The Gambia 2004 - 2014

Year	The Gambia	% of Region	% of Globe
2004	0.07	0.02%	0.00%
2005	0.08	0.02%	0.00%
2006	0.08	0.02%	0.00%
2007	0.08	0.02%	0.00%
2008	0.09	0.02%	0.00%
2009	0.09	0.02%	0.00%
2010	0.09	0.02%	0.00%
2011	0.10	0.02%	0.00%
2012	0.10	0.02%	0.00%
2013	0.11	0.02%	0.00%
2014	0.11	0.02%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

The Gambia: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Serrekunda	1,752	0.04	47.69	0.01	0.00
Banjul	1,881	0.02	20.37	0.00	0.00
Brikama	1,985	0.01	9.26	0.00	0.00
Bakau	1,992	0.01	8.80	0.00	0.00
Farefenni	2,024	0.00	4.63	0.00	0.00
Gunjur	2,042	0.00	3.24	0.00	0.00
Sukuta	2,043	0.00	3.24	0.00	0.00
Basse Santa Su	2,070	0.00	1.39	0.00	0.00
Georgetown	2,071	0.00	1.39	0.00	0.00
Total		0.09	100.00	0.02	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.67 THE UNITED ARAB EMIRATES

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): The United Arab Emirates 2004 - 2014

Year	The United Arab Emirates	% of Region	% of Globe
2004	7.58	2.34%	0.21%
2005	8.01	2.38%	0.21%
2006	8.46	2.41%	0.22%
2007	8.94	2.44%	0.22%
2008	9.44	2.48%	0.23%
2009	9.95	2.51%	0.23%
2010	10.48	2.54%	0.23%
2011	11.05	2.57%	0.24%
2012	11.64	2.61%	0.24%
2013	12.26	2.64%	0.25%
2014	12.92	2.67%	0.25%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

The United Arab Emirates: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Dubai	222	3.53	35.47	0.89	0.08
Abu Dhabi	235	3.22	32.40	0.81	0.07
Sharjah	421	1.66	16.67	0.42	0.04
Ras al-Khaimah	442	1.54	15.47	0.39	0.04
Total		9.95	100.00	2.51	0.23

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.68 TOGO

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Togo 2004 - 2014

Year	Togo	% of Region	% of Globe
2004	0.30	0.09%	0.01%
2005	0.31	0.09%	0.01%
2006	0.32	0.09%	0.01%
2007	0.32	0.09%	0.01%
2008	0.33	0.09%	0.01%
2009	0.34	0.09%	0.01%
2010	0.35	0.08%	0.01%
2011	0.36	0.08%	0.01%
2012	0.36	0.08%	0.01%
2013	0.37	0.08%	0.01%
2014	0.38	0.08%	0.01%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Togo: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Lome	1,275	0.22	66.06	0.06	0.01
Sokodé	1,831	0.03	8.66	0.01	0.00
Palimé	1,875	0.02	5.78	0.00	0.00
Atakpamé	1,898	0.02	4.87	0.00	0.00
Bassari	1,919	0.01	3.97	0.00	0.00
Tsévié	1,958	0.01	3.07	0.00	0.00
Anécho	1,982	0.01	2.53	0.00	0.00
Mango	1,991	0.01	2.35	0.00	0.00
Bafilo	2,008	0.01	1.81	0.00	0.00
Tabligbo	2,039	0.00	0.90	0.00	0.00
Total		0.34	100.00	0.09	0.01

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.69 TUNISIA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Tunisia 2004 - 2014

Year	Tunisia	% of Region	% of Globe
2004	4.20	1.30%	0.12%
2005	4.39	1.30%	0.12%
2006	4.58	1.31%	0.12%
2007	4.78	1.31%	0.12%
2008	5.00	1.31%	0.12%
2009	5.21	1.31%	0.12%
2010	5.43	1.32%	0.12%
2011	5.66	1.32%	0.12%
2012	5.91	1.32%	0.12%
2013	6.16	1.33%	0.12%
2014	6.42	1.33%	0.12%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Tunisia: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Tunis	346	2.09	40.17	0.53	0.05
Sfax	702	0.81	15.61	0.21	0.02
Ariana	1,079	0.35	6.66	0.09	0.01
Bizerte	1,092	0.33	6.39	0.08	0.01
Gabes	1,101	0.32	6.19	0.08	0.01
Djerba	1,102	0.32	6.19	0.08	0.01
Sousse	1,153	0.29	5.65	0.07	0.01
Kairouan	1,220	0.25	4.85	0.06	0.01
La Goulette	1,290	0.22	4.17	0.05	0.01
Gafsa	1,294	0.21	4.10	0.05	0.00
Total		5.21	100.00	1.31	0.12

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.70 TURKEY

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Turkey 2004 - 2014

Year	Turkey	% of Region	% of Globe
2004	37.26	11.51%	1.03%
2005	38.67	11.47%	1.03%
2006	40.13	11.43%	1.03%
2007	41.65	11.39%	1.04%
2008	43.22	11.35%	1.04%
2009	44.82	11.31%	1.04%
2010	46.47	11.27%	1.04%
2011	48.17	11.23%	1.04%
2012	49.94	11.18%	1.04%
2013	51.77	11.14%	1.04%
2014	53.66	11.09%	1.04%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Turkey: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Istanbul	45	17.22	38.42	4.35	0.40
Izmir	171	5.38	12.01	1.36	0.12
Ankara	176	5.16	11.51	1.30	0.12
Bursa	277	2.66	5.94	0.67	0.06
Adana	304	2.38	5.30	0.60	0.06
Mersin (Icel)	347	2.09	4.65	0.53	0.05
Antalya	357	2.03	4.54	0.51	0.05
Konya	388	1.82	4.07	0.46	0.04
Samsun	574	1.09	2.42	0.27	0.03
Gaziantep	610	1.02	2.28	0.26	0.02
Kayseri	665	0.89	1.99	0.23	0.02
Diyarbakir	672	0.88	1.97	0.22	0.02
Eskisehir	674	0.87	1.95	0.22	0.02
Sanli-Urfa	766	0.71	1.57	0.18	0.02
Malatya	819	0.62	1.37	0.16	0.01
Total		44.82	100.00	11.31	1.04

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.71 TURKMENISTAN

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Turkmenistan 2004 - 2014

Year	Turkmenistan	% of Region	% of Globe
2004	2.54	0.79%	0.07%
2005	2.66	0.79%	0.07%
2006	2.79	0.80%	0.07%
2007	2.93	0.80%	0.07%
2008	3.07	0.81%	0.07%
2009	3.21	0.81%	0.07%
2010	3.36	0.81%	0.08%
2011	3.51	0.82%	0.08%
2012	3.68	0.82%	0.08%
2013	3.84	0.83%	0.08%
2014	4.02	0.83%	0.08%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Turkmenistan: Worldwide Interoperability for Microwave Access (WiMAX)
Equipment in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Ashgabat	399	1.76	54.82	0.44	0.04
Chardzhou	760	0.71	22.18	0.18	0.02
Tashauz	919	0.50	15.43	0.12	0.01
Krasnovodsk	1,240	0.24	7.58	0.06	0.01
Total		3.21	100.00	0.81	0.07

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.72 UGANDA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Uganda 2004 - 2014

Year	Uganda	% of Region	% of Globe
2004	1.72	0.53%	0.05%
2005	1.80	0.53%	0.05%
2006	1.87	0.53%	0.05%
2007	1.95	0.53%	0.05%
2008	2.04	0.53%	0.05%
2009	2.12	0.54%	0.05%
2010	2.21	0.54%	0.05%
2011	2.30	0.54%	0.05%
2012	2.40	0.54%	0.05%
2013	2.49	0.54%	0.05%
2014	2.60	0.54%	0.05%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Uganda: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Kampala	451	1.50	70.72	0.38	0.03
Jinja	1,384	0.17	8.17	0.04	0.00
Masaka	1,562	0.09	4.47	0.02	0.00
Mbale	1,572	0.09	4.31	0.02	0.00
Mbarara	1,627	0.08	3.54	0.02	0.00
Entebbe	1,656	0.07	3.24	0.02	0.00
Gulu	1,690	0.06	2.77	0.01	0.00
Tororo	1,691	0.06	2.77	0.01	0.00
Total		2.12	100.00	0.54	0.05

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.73 UZBEKISTAN

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Uzbekistan 2004 - 2014

Year	Uzbekistan	% of Region	% of Globe
2004	3.26	1.01%	0.09%
2005	3.44	1.02%	0.09%
2006	3.63	1.03%	0.09%
2007	3.82	1.05%	0.10%
2008	4.03	1.06%	0.10%
2009	4.24	1.07%	0.10%
2010	4.46	1.08%	0.10%
2011	4.69	1.09%	0.10%
2012	4.93	1.10%	0.10%
2013	5.19	1.12%	0.10%
2014	5.46	1.13%	0.11%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Uzbekistan: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Tashkent	402	1.75	41.18	0.44	0.04
Samarkand	934	0.48	11.24	0.12	0.01
Namangan	1,210	0.26	6.12	0.07	0.01
Andizhan	1,229	0.25	5.82	0.06	0.01
Bukhara	1,351	0.19	4.45	0.05	0.00
Fergana	1,404	0.17	3.97	0.04	0.00
Kokand	1,431	0.15	3.62	0.04	0.00
Nukus	1,447	0.14	3.36	0.04	0.00
Karshi	1,470	0.13	3.10	0.03	0.00
Chirchik	1,471	0.13	3.10	0.03	0.00
Angren	1,519	0.11	2.60	0.03	0.00
Urgench	1,524	0.11	2.54	0.03	0.00
Margilan	1,532	0.11	2.48	0.03	0.00
Almalyk	1,561	0.10	2.26	0.02	0.00
Navoi	1,577	0.09	2.13	0.02	0.00
Others		0.09	2.03	0.02	0.00
Total		4.24	100.00	1.07	0.10

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.74 WESTERN SAHARA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Western Sahara 2004 - 2014

Year	Western Sahara	% of Region	% of Globe
2004	0.00	0.00%	0.00%
2005	0.00	0.00%	0.00%
2006	0.00	0.00%	0.00%
2007	0.01	0.00%	0.00%
2008	0.01	0.00%	0.00%
2009	0.01	0.00%	0.00%
2010	0.01	0.00%	0.00%
2011	0.01	0.00%	0.00%
2012	0.01	0.00%	0.00%
2013	0.01	0.00%	0.00%
2014	0.01	0.00%	0.00%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Western Sahara: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Laayoune	2,028	0.00	72.31	0.00	0.00
Dakhla	2,073	0.00	13.85	0.00	0.00
Semara	2,074	0.00	13.85	0.00	0.00
Total		0.01	100.00	0.00	0.00

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.75 YEMEN

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Yemen 2004 - 2014

Year	Yemen	% of Region	% of Globe
2004	3.05	0.94%	0.08%
2005	3.14	0.93%	0.08%
2006	3.22	0.92%	0.08%
2007	3.31	0.91%	0.08%
2008	3.41	0.89%	0.08%
2009	3.50	0.88%	0.08%
2010	3.59	0.87%	0.08%
2011	3.69	0.86%	0.08%
2012	3.79	0.85%	0.08%
2013	3.90	0.84%	0.08%
2014	4.00	0.83%	0.08%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Yemen: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Sanaa	535	1.17	33.39	0.29	0.03
Aden	676	0.87	24.86	0.22	0.02
Taizz	926	0.49	13.92	0.12	0.01
Hodeida	997	0.42	12.12	0.11	0.01
Mukalla	1,001	0.42	12.04	0.11	0.01
Dhamar	1,599	0.08	2.35	0.02	0.00
El Beida	1,846	0.02	0.70	0.01	0.00
Hajja	1,860	0.02	0.63	0.01	0.00
Total		3.50	100.00	0.88	0.08

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.76 ZAMBIA

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Zambia 2004 - 2014

Year	Zambia	% of Region	% of Globe
2004	0.87	0.27%	0.02%
2005	0.91	0.27%	0.02%
2006	0.95	0.27%	0.02%
2007	0.99	0.27%	0.02%
2008	1.03	0.27%	0.02%
2009	1.07	0.27%	0.02%
2010	1.12	0.27%	0.03%
2011	1.16	0.27%	0.03%
2012	1.21	0.27%	0.03%
2013	1.26	0.27%	0.03%
2014	1.31	0.27%	0.03%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

Zambia: Worldwide Interoperability for Microwave Access (WiMAX) Equipment in 2009, US\$ Million

City	World Rank	US \$ mln	%Country	%Region	%World
Lusaka	1,093	0.33	30.87	0.08	0.01
Kitwe	1,368	0.18	16.75	0.05	0.00
Ndola	1,402	0.17	15.72	0.04	0.00
Kabwe	1,620	0.08	7.10	0.02	0.00
Mufulira	1,622	0.08	7.06	0.02	0.00
Chingola	1,631	0.07	6.88	0.02	0.00
Luanshya	1,672	0.06	5.89	0.02	0.00
Livingstone	1,778	0.04	3.48	0.01	0.00
Kalulushi	1,788	0.04	3.34	0.01	0.00
Chililabombwe	1,816	0.03	2.91	0.01	0.00
Total		1.07	100.00	0.27	0.02

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

6.77 ZIMBABWE

Worldwide Interoperability for Microwave Access (WiMAX) Equipment (US\$ Million): Zimbabwe 2004 - 2014

Year	Zimbabwe	% of Region	% of Globe
2004	0.40	0.12%	0.01%
2005	0.40	0.12%	0.01%
2006	0.40	0.11%	0.01%
2007	0.40	0.11%	0.01%
2008	0.40	0.11%	0.01%
2009	0.40	0.10%	0.01%
2010	0.40	0.10%	0.01%
2011	0.40	0.09%	0.01%
2012	0.40	0.09%	0.01%
2013	0.40	0.09%	0.01%
2014	0.40	0.08%	0.01%

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

**Zimbabwe: Worldwide Interoperability for Microwave Access (WiMAX)
Equipment in 2009, US\$ Million**

City	World Rank	US \$ mln	%Country	%Region	%World
Harare	1,416	0.16	40.01	0.04	0.00
Bulawayo	1,544	0.10	25.21	0.03	0.00
Chitungwiza	1,732	0.05	11.87	0.01	0.00
Gweru	1,880	0.02	4.64	0.00	0.00
Mutare	1,899	0.02	4.11	0.00	0.00
Kwekwe	1,946	0.01	2.82	0.00	0.00
Kadoma	1,957	0.01	2.64	0.00	0.00
Hwange	1,976	0.01	2.29	0.00	0.00
Masvingo	2,000	0.01	1.82	0.00	0.00
Zvishavane	2,005	0.01	1.59	0.00	0.00
Chegutu	2,006	0.01	1.59	0.00	0.00
Chinhoyi	2,011	0.01	1.41	0.00	0.00
Total		0.40	100.00	0.10	0.01

Source: Philip M. Parker, INSEAD, copyright 2008, www.icongrouponline.com

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