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## **FUTURE INTERNET EXCHANGE**

**MANAGEMENT FOR THE ASIA-PACIFIC INFORMATION SUPERHIGHWAY**

**INCHEON, REPUBLIC OF KOREA, 1-2 SEPTEMBER, 2015**

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# 1. INTRODUCTION

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World Telecommunication Development Conference, Dubai, United Arab Emirates 30 March – 10 April 2014

► **Programme: Telecommunication/ICT networks, including conformance and interoperability and bridging the standardization gap**

The objective of this programme is to assist ITU Member States and ITU-D Sector Members and Associates in maximizing the use of appropriate new technologies for the development of their information and communication infrastructures and services

*Promoting Internet exchange points (IXPs) as a long term solution to advance connectivity, and supporting ITU members with deployment/transition to IPv6-based networks and applications, in collaboration with relevant expert organizations.*

# Accepted best practices

- ▶ widely accepted best practices for the design, installation and operation of IXPs. Issues concerning peering as an effective way for Internet Service Providers (ISPs) to improve the efficiency of operations and interconnection business relationships including related policy and regulatory challenges





Welcome to the ITU Interactive Transmission Map. Select map layers below and navigate using the icons in the map window.  
For help using this application please refer to the Sources & Help section below.  
Alternatively, visit the [Public 2D version of the Map](#) or the public [Google Earth - 3D version](#)

Base Layer

- UI Map
- Natural Earth
- Population Density

Overlays

- Range to Nodes
- Asian Highway
- Trans-Asian Railway
- Validation Status
- World Transmission Links
- Submarine Cables
- Satellite Earth Stations

Line data

Operator: Telecommunications  
From: Oravita  
To: Sam  
Distance: 26.94 km

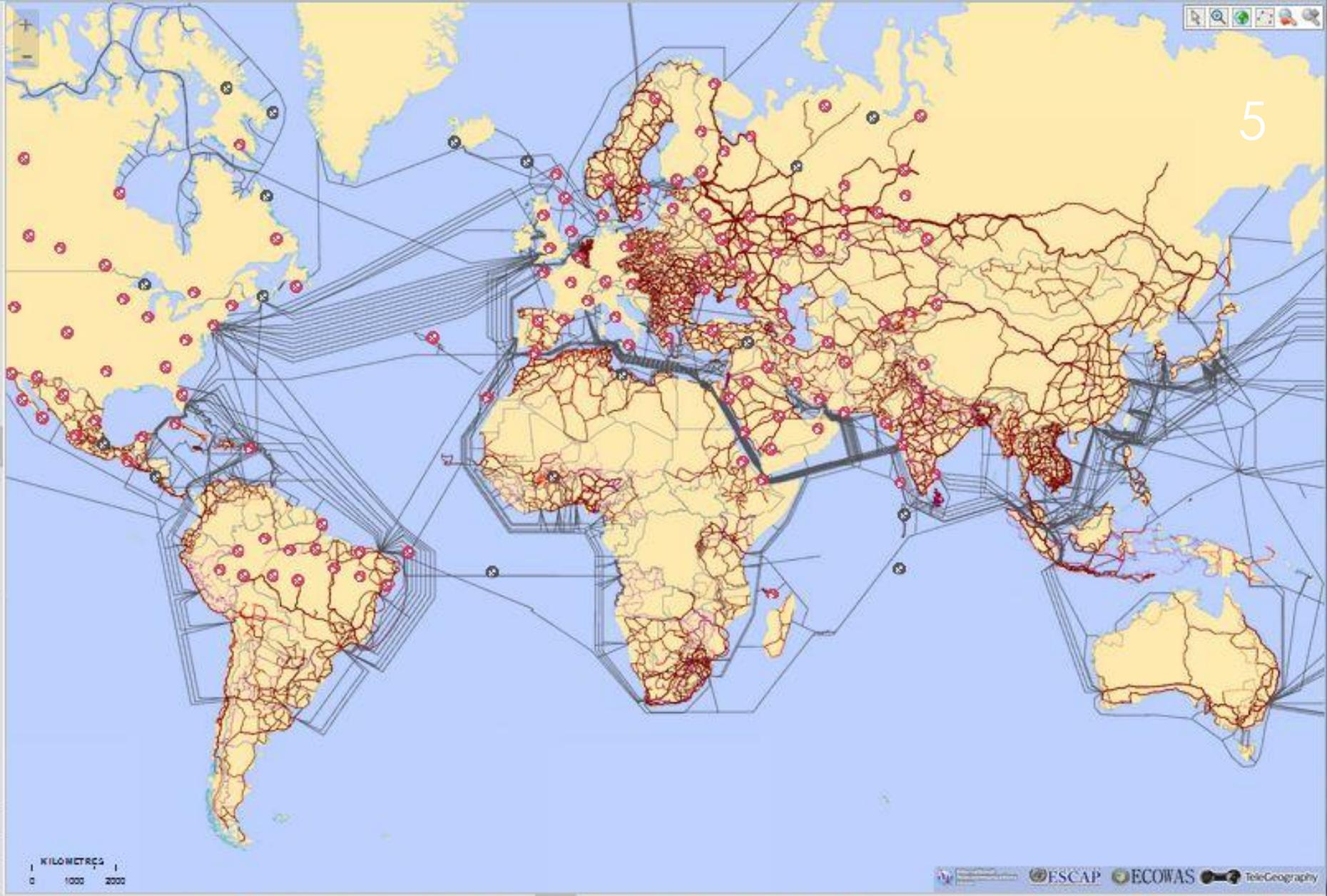


Legend

Validation and Feedback

Sources & Help

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Sources: [UI Map base layer](#): The base map for this Infographic is based on the UIMap database of the United Nations Cartographic Section. The UIMap is prepared at a scale of 1:1,000,000. UIMap is being updated on a continuous basis. [Transmission Map data](#): The data for building the infographic have been collected through: Primary sources: Reply to an official request for information (RFI) document has been sent to all Regions outlining the purpose of the project for operators, indicating what level of detail is required, and what format the data is to be published. Secondary sources: On average, around 25 to 40% of the data was readily available in the public domain, from operator websites, annual reports, company presentations, and presentations at industry conferences. Partnerships: A number of organizations do already research and produce transmission network maps for particular countries or regions, for various technical reasons. Whenever possible, partnerships with these organizations were established, to seek permission to display their networks work through the ITU world transmission map. The collection of data as well as their validation from concerned Operators/Administrations is currently a work in progress. The source for the Asian Highway and Trans-Asian Railway networks is the ESCAP Secretariat. [Submarine Cables](#): Data concerning submarine cables are provided by TeleGeography. The submarine cables displayed in this map are dated 11 March 2015 and it will be constantly updated with new data available at TeleGeography's GitHub account (<https://github.com/telegeography/www-submarinecablemap.com>). For more information: <http://www.submarinecablemap.com>

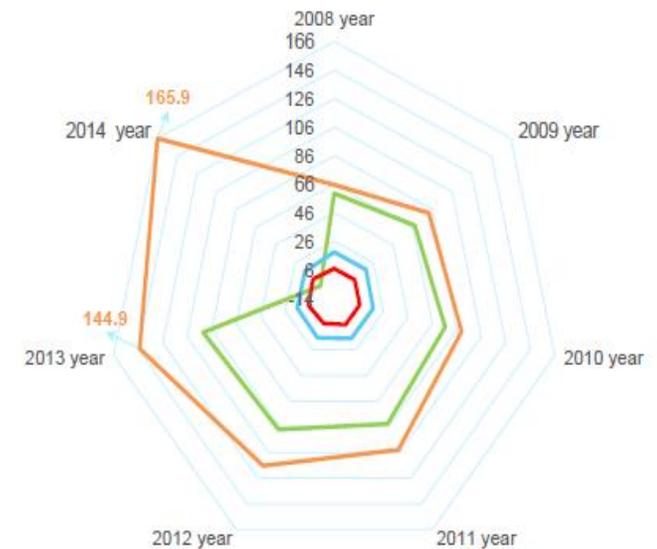
## 2. MONGOLIA: Number of Internet Subscribers / Mobile and Landline Telephone Density (2014)

2014.12.31/thousand subscribers/



year	Dial-Up	xDSL	Optic cable	Coaxial cable	GPRS, EDG E, 3G, EVDO	Wi-Fi	Wi-MAX	VSAT	VPN	Total
2012 year	33	36,695	65,256	9	520,012	5,281	24,587	174	1,962	654,009
2013 year	271	40,684	107,886	165	655,107	10,444	24,322	110	2,154	841,143
2014 year		29,244	188,003		1,734,414	11,700	16,394	82	2312	1,962,149

/Telephone line density per 100 people/ 2014.12.31/



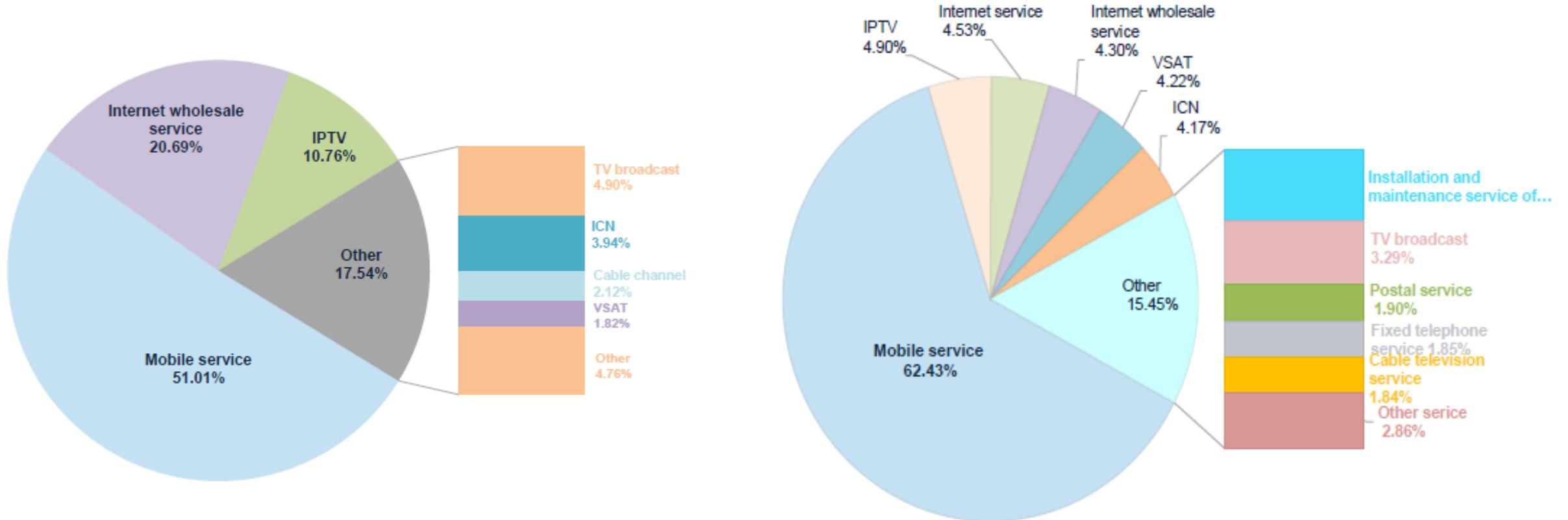
MOBILE (world) 2014  
96.0

MOBILE (Mongolia)  
165.9

FIXED (World) 2014  
16.0

FIXED (Mongolia) 2014  
7.6

# Mongolia Investment & Revenues in ICT Sector (2014)



# International Bandwidth /Percentage of Internet Connection Types (2014)



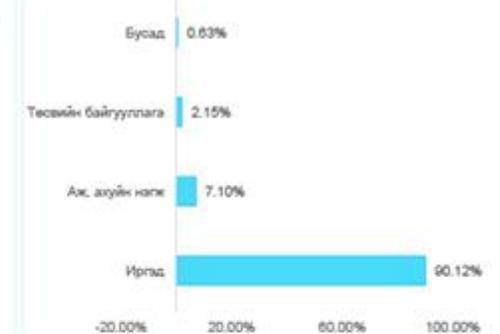
Mobicom  
Networks LLC

Gemnet  
LLC

Market share by technology



Market share by type



预览已结束，完整报告链接和二维码如下：

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