

Broadband Internet Infrastructure and International Connectivity: Status and Future Plan

Dr. Rajendra Kumar, IAS

Joint Secretary (e-Gov)

Department of Electronics and Information Technology

Government of India

02.10.2014

Agenda

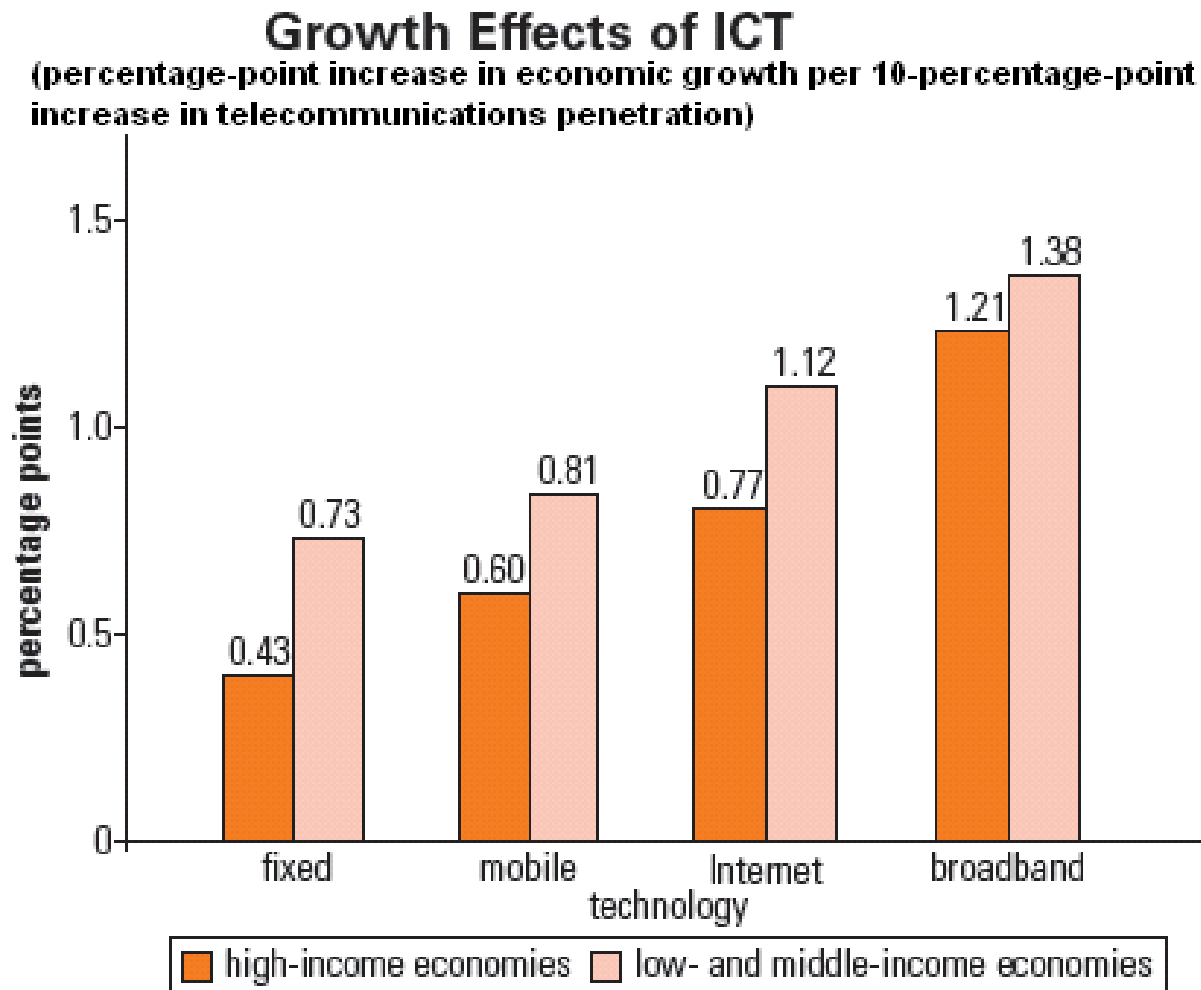
- Role of Broadband in Empowerment
- Broadband Status in India
- Future Plan
 - National Optical Fiber Network
 - National Information Infrastructure

Role of Broadband in Empowerment

- Broadband can empower lives both in urban /rural areas
- In India, greater impact in rural areas where ~70% people
 - Key sectors: Health, Education, Governance and Democratization of information, Livelihood and employment opportunities
- Broadband touches Bottom of Pyramid: through convergence, policy, regulation & action

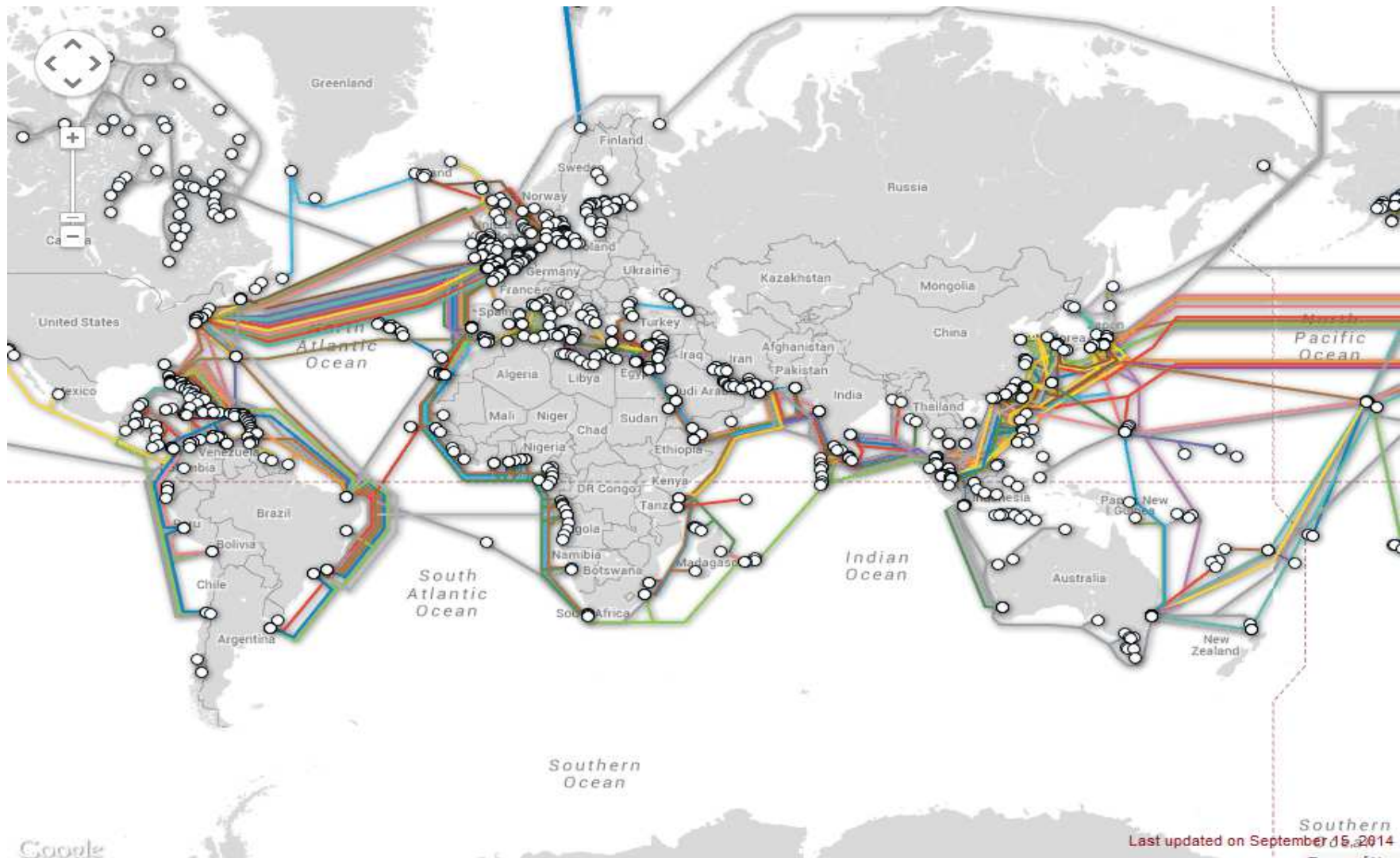
Impact of Broadband on Economy

Studies indicate that there is 1.38 % increase in GDP for every 10 percentage point increase in broadband penetration.

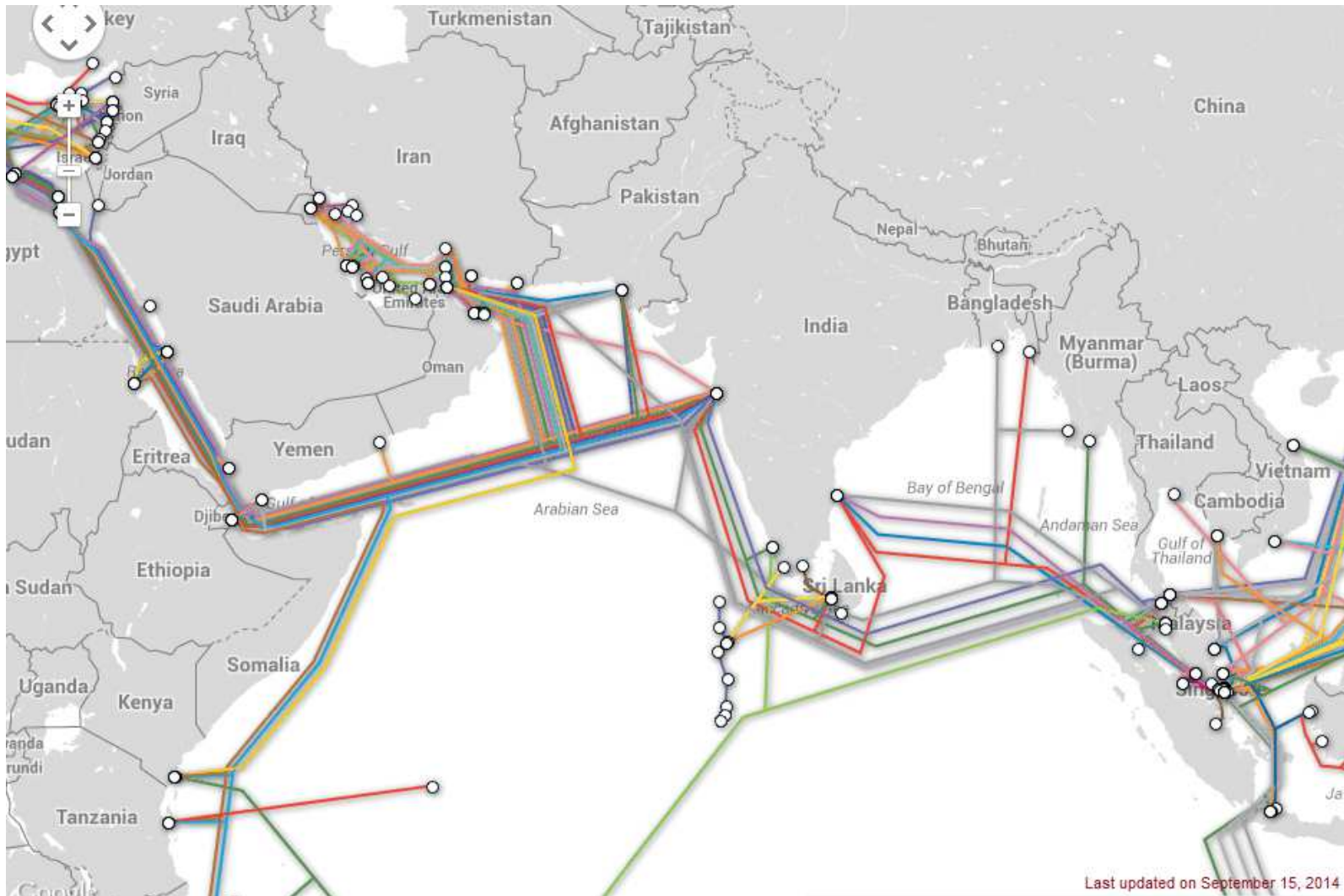


Source: World Bank


Submarine Cable Map of World



Submarine Cable Map of India



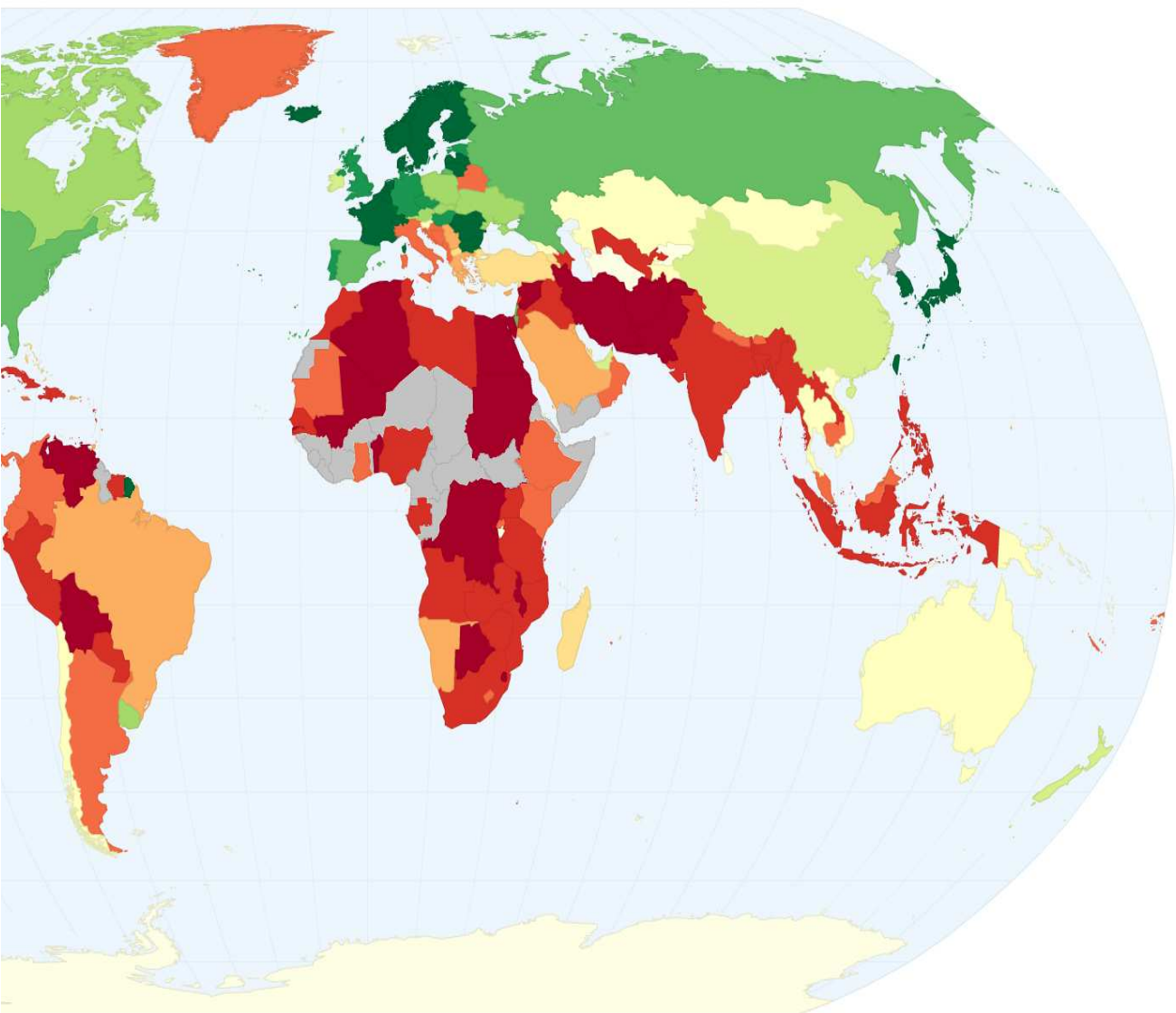
Existing Fibre In India

Service Provider	Total Fibre Laid	Cities / Towns Covered	Metros / Tier I Cities*	Other Cities / Towns	Gram Panchayats	Mid Sized Villages	Small Villages
BSNL 	814,755 Rkm**	All cities & 28 K gram panchayats					
Reliance 	190,000 Rkm**	44					
Airtel 	126,357 Rkm**	130					
Tata Communications 	40,000 Rkm**	00					
RaiTel 	37,720 Rkm	800					
PowerGrid 	21,852 Rkm	110					
GAILTEL 	13,000 Rkm	200					

Level of Backbone Infrastructure Coverage : Very High  High  Medium  Low  No Coverage 

Source: Analysis Mason⁵⁵

Average Download Speeds



预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/reportId=5_5038

