

Enhancing India-Pakistan Trade *Telecommunication Networks*

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India-Pakistan Telecom Stats

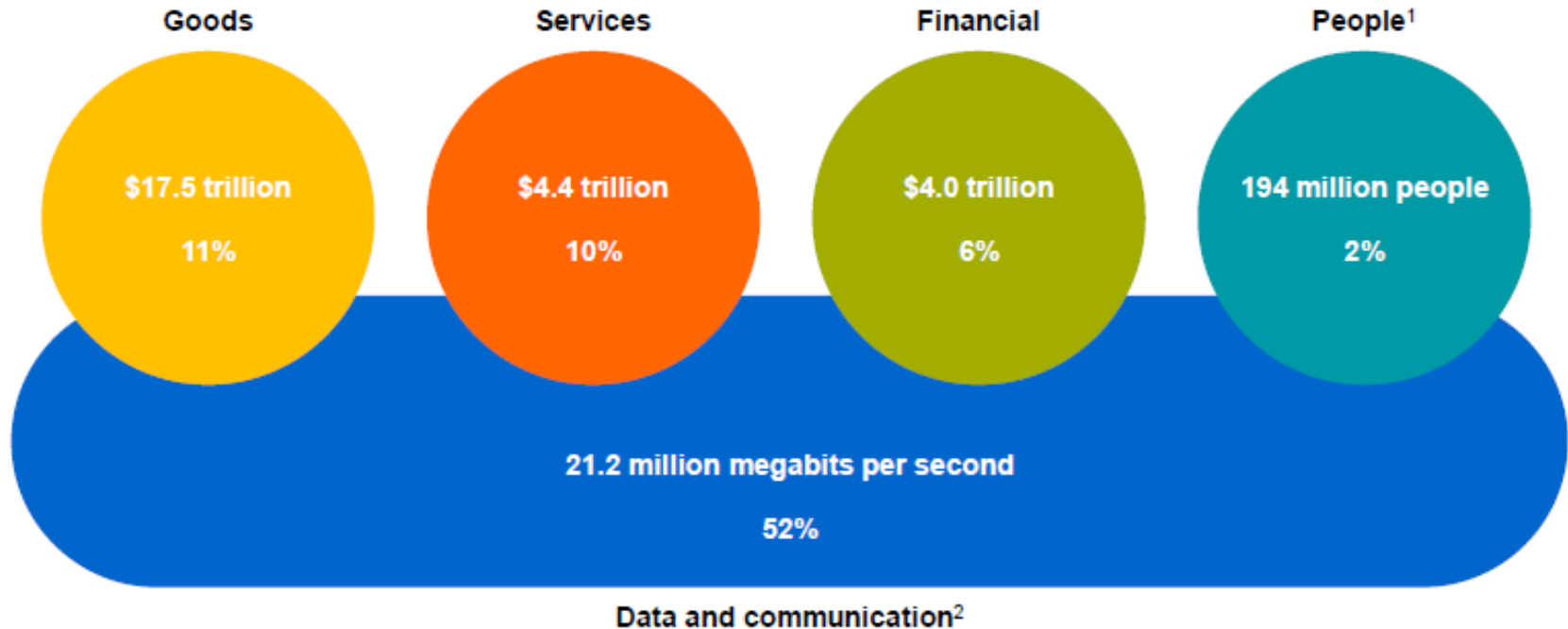
	INDIA	PAKISTAN
Network Readiness Index	3.8 (83)	3.3 (111)
Mobile Network Coverage (% of population)	83 %	93 %
Broadband Internet subscribers per 100 Pop: Fixed/ Mobile	1.2/5.0	0.5/ 0.7
Internet & Telecom Competition (Rank)	1	1
Internet Bandwidth (Kbps per Internet User)	5.423	4.752
Pre-paid mobile cellular tariffs PPP (\$/min)	0.04	0.06
Impact of ICTs on new products and services (Scale: 1-7)	4.8	4.0
Market share HHI	0.18	0.23
Revenue (\$)/ Investment(\$)/% of GDP	35 B/ 93 B/2%	4.65 B/1.8 B/ 2%
Laws relating to ICTs (Scale: 1-7)	4.2	3.1

Digital Flows

	INDIA	PAKISTAN
International Phone Calls (Minutes per Capita) Outbound/ Inbound	6/ 15	18/40
Percentage of International Phone Calls within region (Outbound/ Inbound)	21%/ 0%	4%/ 0%
Internet Traffic (Gbps)/ Country Rank	233/ 64	39/ 79
FDI in Telecom/ As % of total FDI	1.65 B/ 6%	0.9 B/ 34%
Global Country Connectivity Index in Data and Communication (Rank out of 131 countries)	64	79

- * Cross border voice traffic has doubled in the past decade
- * Online traffic has grown to more than 40,000 petabytes a month
- * Skype call minutes account for about 40% of international voice call minutes

Data Communications Flow



Mckinsey Global Institute (MGI). (2014). Global flows in a digital age: How trade, finance, people, and data connect the world economy. Available at www.mckinsey.com/mgi accessed on 1 Aug 2014.

Data and communication, people flows between regions

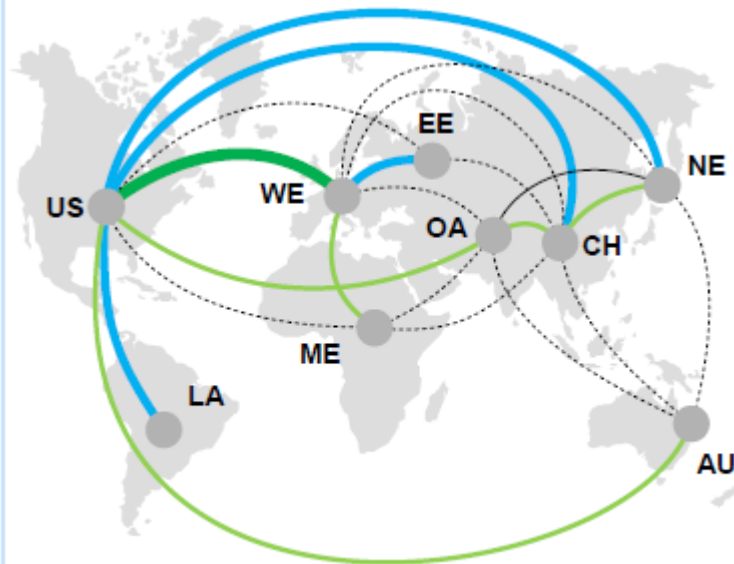
● Size of increase

Regions	US	LA	ME	WE	EE	CH	NE	AU	OA
	United States and Canada	Latin America	Africa and Middle East	Western Europe	Eastern Europe and Central Asia	China region	Northeast Asia	Australasia	Other Asia

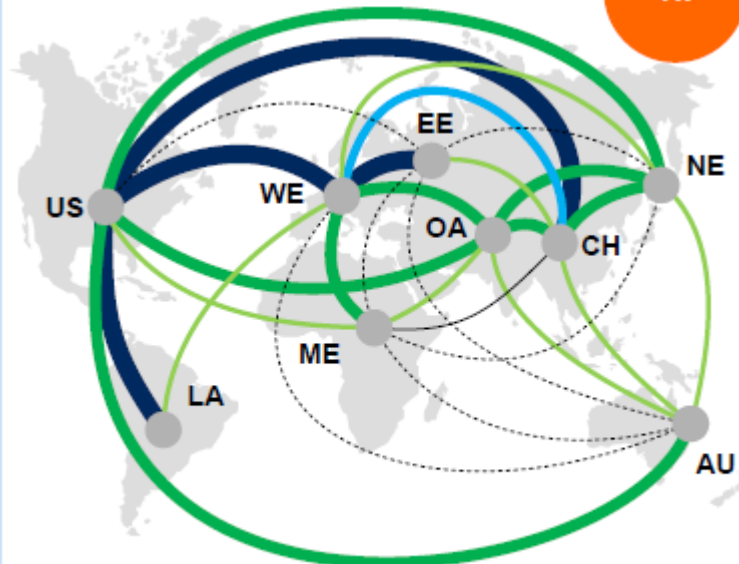
Data and communication flows (total cross-border bandwidth)

Bandwidth Mbps	<50,000	50,000–100,000	100,000–500,000	500,000–1 million	1 million–5 million	>5 million
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2008
100% = 29 million Mbps



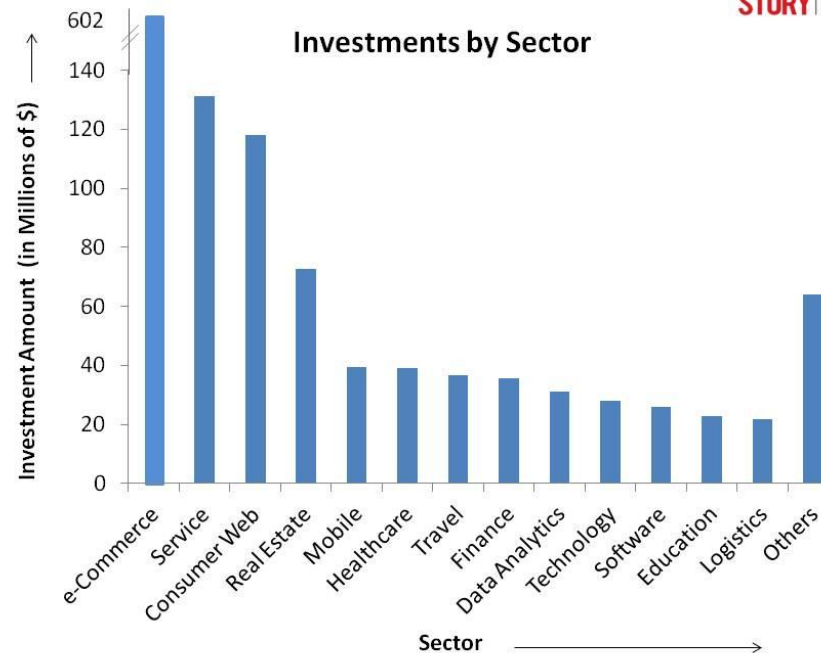
2013
100% = 201 million Mbps



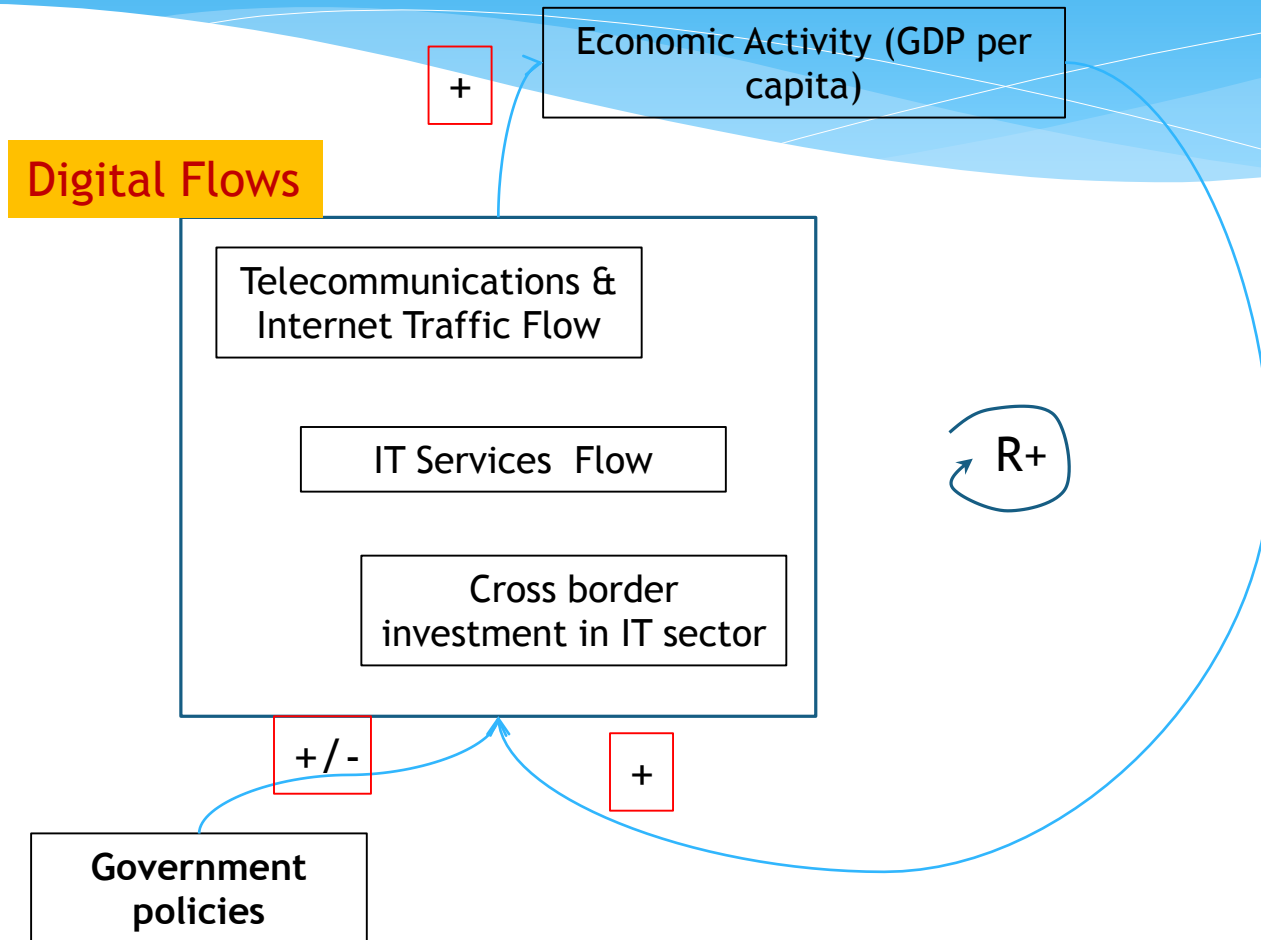
Investment in 6 months of 2014 in Digital Start-ups in India

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Relationship between Digital Flows and Economic Trade



Government Policies

Calls/ Internet traffic flow

IT services flow

Decrease in terminal charges
for International incoming
calls

Deregulation of Voice over
Internet Protocol (VoIP)

Government investment in
Internet Exchanges

Tax incentives for telecom
equipment

Tax incentives for the ICT
sector

Special Economic Zones for
IT Export

Investment flow in
ICT sector

Increase in FDI cap

Start-up incubation fund