

Connectivity in Central Asia

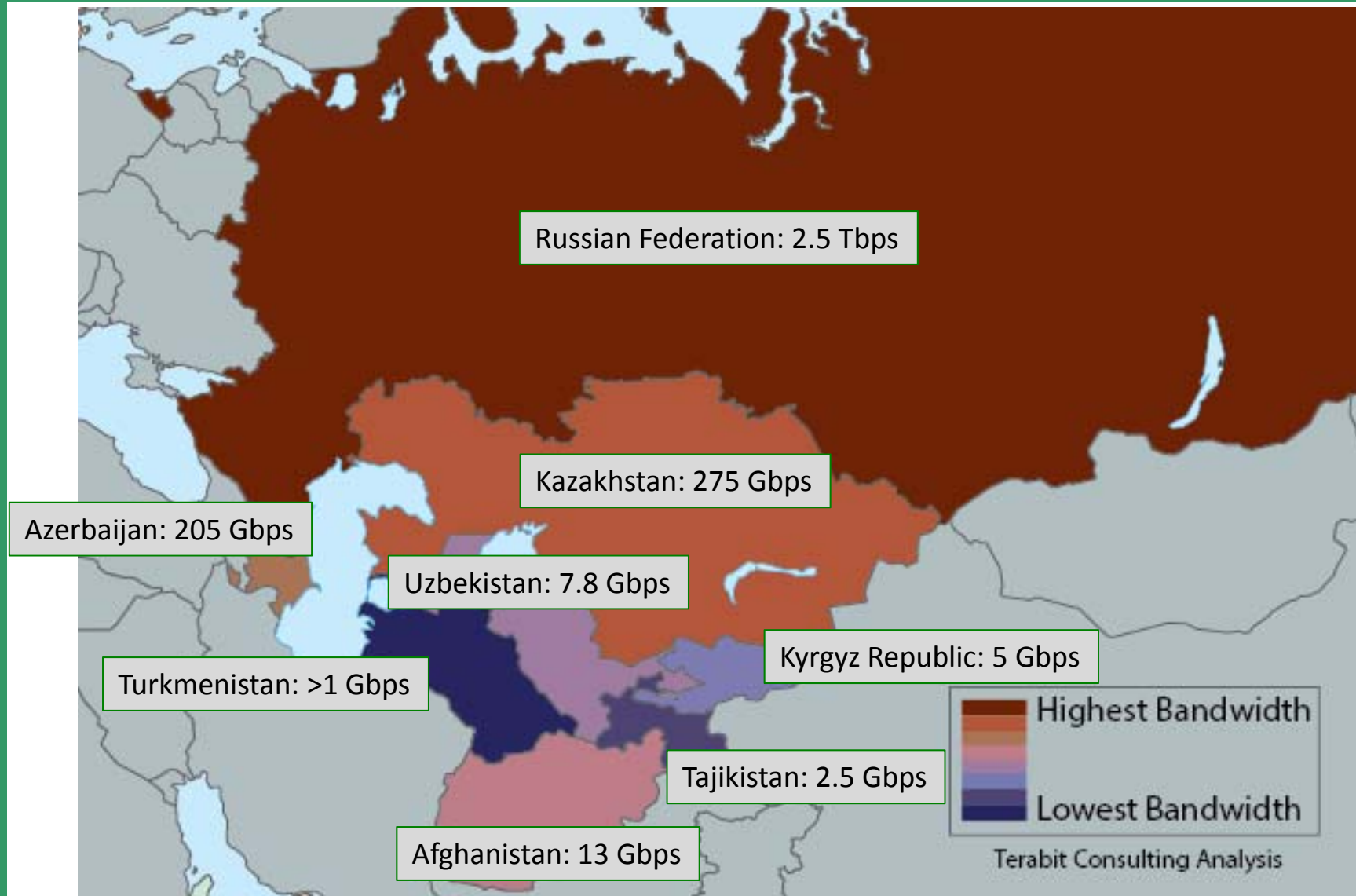
Markets, Infrastructure, and Policy Options for Enhancing Cross-Border Connectivity

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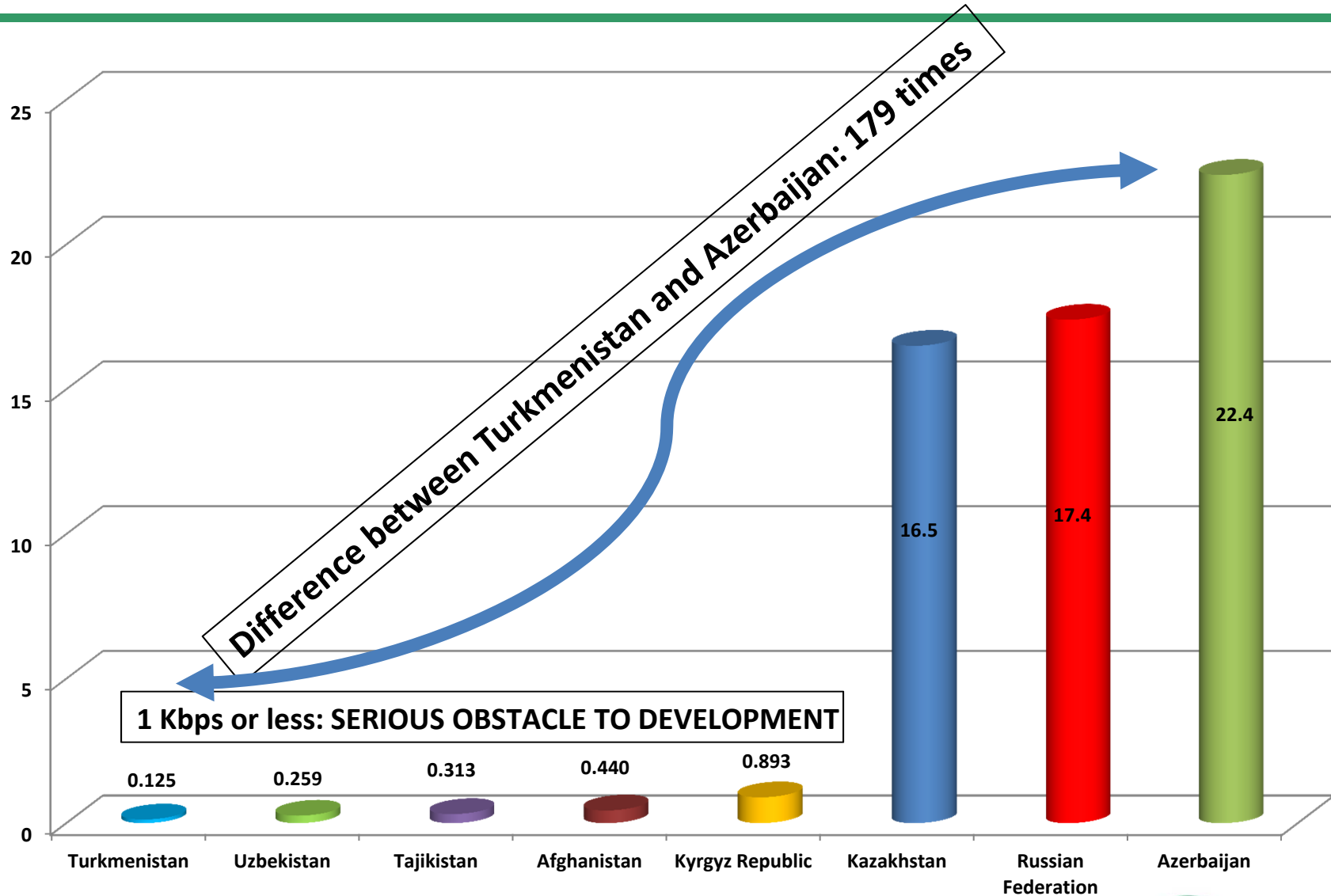
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Int'l Internet Bandwidth Heat Map, YE12



Int'l. Internet Bandwidth per Capita (Kbps)



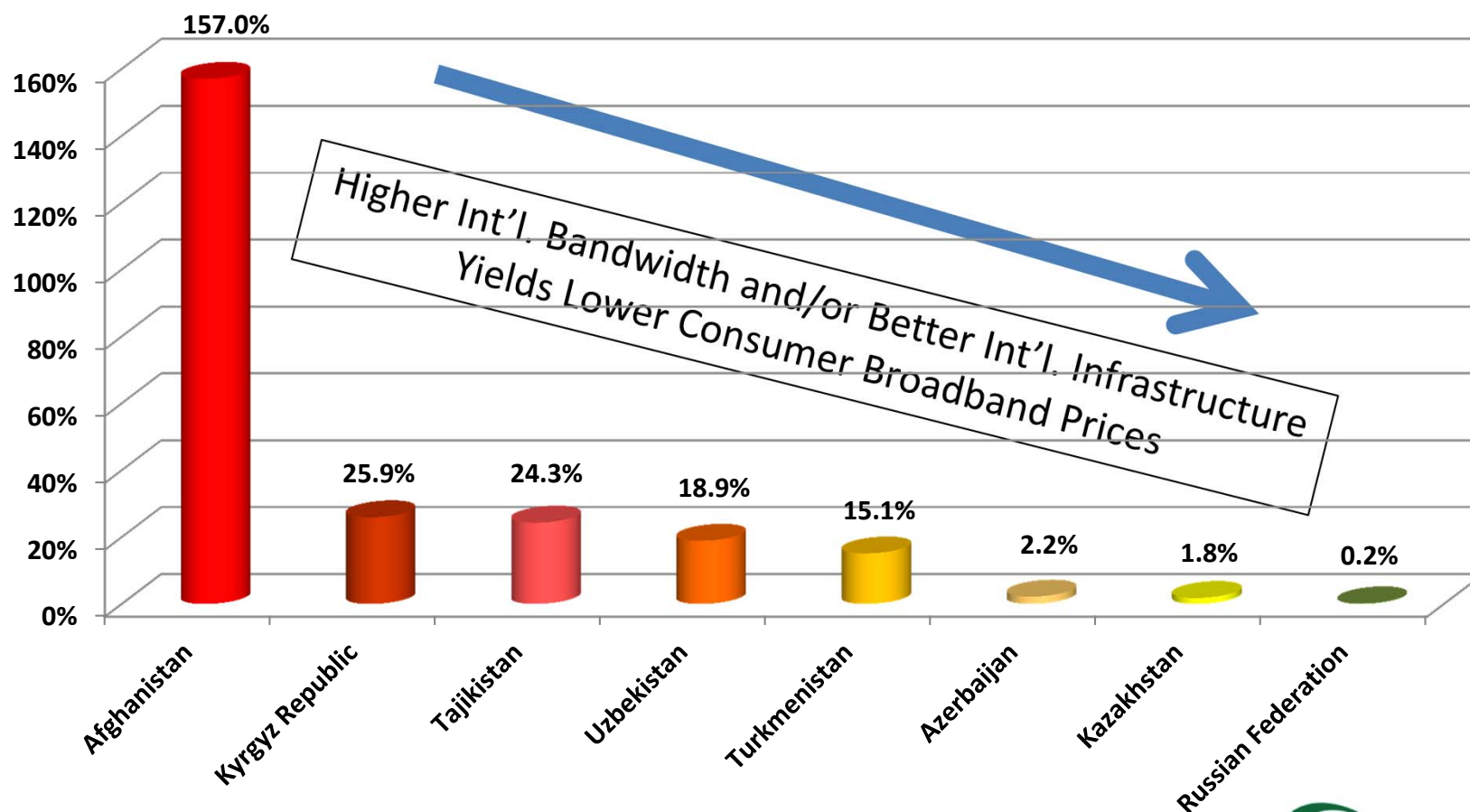
**Why a Coherent,
Open-Access, Cost-Effective
Pan-Asian Fiber Infrastructure
Would Benefit the Entire Region**

Reason #1

In Kyrgyz Republic, Tajikistan, Turkmenistan, Uzbekistan, and Afghanistan the development of telecommunications and Internet services, as well as each country's overall economy, has been restrained as a result of weak international infrastructure.

Weak Int'l. Bandwidth Impacts Consumer Pricing

1 Mbps Broadband Connection: Annual Subscription + Installation as a % of Per-Capita GDP



Reason #2

Despite their developed international connectivity, the three wealthiest markets in the study (Azerbaijan, Kazakhstan, and Russia) would greatly benefit from improved pan-regional terrestrial fiber.



Why Pan-Asian Infrastructure Would Benefit the Region

Reason #3

Pan-Asian terrestrial fiber optic infrastructure address one of the international bandwidth most pressing concerns, namely the lack of effective Europe-to-Asia bandwidth.

Furthermore, the viability of constructing coherent terrestrial fiber optic connectivity can likely be supported by capturing even a small portion of demand between Asia and Western Europe.