

Telecommunications / Information & Communication Technology PPPs

Full Description

Innovations in information and communication technologies (ICT) and a rise in market demand have had strong implications for government-owned telecom utilities and ICT infrastructure, including a trend toward deregulation and liberalization of telecommunications markets.

Within this section of the PPP in Infrastructure Resource Center (PPPLRC) website, you'll find resources for understanding, evaluating and implementing reform in a country's telecommunications and ICT sector, with emphasis on national telecom frameworks, licensing, universal access /universal service, price regulation and competition policies.

Navigate the following subsections for more information and sample laws, licenses and policies.

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Further Reading

- [BroadbandUSA: An introduction to effective public-private partnerships for broadband investments](#), BroadbandUSA, National Telecommunications and Information Administration (NTIA), United States Department of Commerce, January 2015.
- [Connectivity](#), Handshake, International Finance Corporation's (IFC's) quarterly journal on public-

private partnerships (PPPs), Issue #15, October 2014.

- [A Framework to Approach Shared Use of Mining-Related Infrastructure](#) by Perrine Toledano, Sophie Thomashausen, Nicolas Maennling, and Alpa Shah, Vale Columbia Center on Sustainable International Investment, Columbia University, 2014. The publication presents an economically, legally and operationally rational framework to enable shared use of mining-related infrastructure, including rail, ports, power, water, and internet and telecommunications (ICT)
- [Developing successful Public-Private Partnerships to foster investment in universal broadband networks](#), International Telecommunication Union (ITU), the United Nations specialized agency for information and communication technologies, September 2012.
- [Broadband – Delivering Next Generation Access through PPP](#), European PPP Expertise Centre (EPEC) 2012.
- [A Model for Calculating Interconnection Costs in Telecoms, Public-Private Infrastructure Advisory Facility \(PPIAF\) 2004 \(pdf\)](#): This guidebook provides a sound methodology to help regulators and telecommunications operators adopt a tariff regime and deal with interconnection disputes on the basis of a rigorous cost model.
- [Public-Private Partnerships \(PPPs\) in e-Government: Knowledge Map Information for Development Program \(InfoDev\) June 2009](#): This publication is designed to provide policy makers, development agency staff, private sector partners, and other key practitioners with guidance on the policies, programs, services, and instruments that may facilitate the engagement of the private sector into areas traditionally seen as those solely of government.
- [Next Generation Connectivity - A review of broadband Internet transitions and policy from around the world February 2010 \(pdf\)](#): An independent expert review conducted by the Berkeman Center for Internet & Society at Harvard University for the benefit of the Federal Communications Commission (FCC).
- [Report on Next Generation Access - Economic Analysis and Regulatory Principles \(June 2009\)](#): Produced by the European Regulators Group (ERG), this report discussed current regulatory developments in the European Union addressed to the economic and technical challenges and various PPP practice at the local level to build out fiber infrastructure in collaboration with local communities.
- [The Economics of Next Generation Access—Final Report September 2008](#): In this study for the European Competitive Telecommunications Association (ECTA), public private partnerships are presented as an effective vehicle for achieving “open access” to multiple competitors.
- [Implementing Electronic Business Registry \(e-BR\) Services: Recommendations for policy makers based on the experience of EU Accession Countries](#), by Lewin, Anat, Leora Klapper, Bruno Lanvin, David Satola, Sophie Sirtaine, Richard Symonds, and Cara Zappala, June 2008.
- [Sources of Performance Improvements in Privatized Firms: A Clinical Study of the Global Telecommunications Industry](#), April 2001 (pdf). This paper examines the financial and operating performance of 31 national telecommunication companies in 25 countries that were fully or partially privatized through public share offering between 1981 and 1998
- [The Impact of Privatization and Competition in the Telecommunications Sector around the World](#), October 2002 (pdf) - this study shows that half of the output growth between 1990 and 1998 was attributable to privatization and competition after controlling for input growth. Competition appeared to have a larger impact on labor and total factor productivity than privatization.

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