Photo Credit

Traffic

Image not found or type unknown

Transportation Toolkits

Download Chatbot

Find toolkits on transportation below.

General Transport

Toolkit for Legislators

- PPP for transportation: Toolkit for Legislators - This toolkit provides expert guidance, dependable counsel and a compilation of best practices to assist state legislatures as they consider whether and how to pursue PPPs in their states. The centerpiece of the toolkit is nine principles that promote a sound public policy approach to the consideration of PPPs. Clear explanations of PPP approaches, benefits and controversies, and roles and responsibilities are provided as well. In addition, the appendices have a wealth of specific state legislative information and detailed instruction on PPP issues.
- The NCSL Public-Private Partnerships for Transportation: A Toolkit for Legislators - The National Conference of State Legislatures (NCSL) Partners Project on PPPs for Transportation produced this toolkit in December 2010. The toolkit provides expert guidance, dependable counsel and a compilation of best practices to assist state legislatures as they consider whether and how to pursue PPPs in their states. The centerpiece of the toolkit is nine principles that promote a sound public policy approach to the consideration of PPPs.

PPP Structuring Toolkit

- Public Private Partnership in India - Toolkit - PPIAF, World Bank and AusAID - This PPP Structuring Toolkit has been designed to strengthen decision-making at all key stages of the project cycle and improve the quality of the PPPs being developed. This web-based toolkit was structured to cover the full project life cycle, facilitating identification, assessment, development, procurement, and monitoring of PPP projects. While the general structure has incorporated international best practices, the toolkit has been built following specific approaches used in India. The toolkit provides tools, methodologies and processes to assist the governments/agencies to strengthen decision-making at all key stages of the PPP project cycle. It covers highways, water and sanitation, ports, solid waste management and urban transport sectors.
- Big Data Toolkit for Transport Sector Engagements Across the Project Cycle - Data underpins every aspect of the investment project lifecycle and is essential for policy dialogue. This toolkit demonstrates how analyses of congestion patterns or the identification of infrastructure gaps are the kindling that can ignite discussions for business development. Criticality and accessibility analyses are necessary inputs into the design of impactful investment projects and for measuring their outcomes.

Urban Passenger Transport

Light Rail

- Private Sector Participation in Light Rail - Light Metro Transit Initiatives by Cledan Mandri-Perrott (with Iain Menzies), Public-Private Advisory Facility (PPIAF) 2010 – Toolkit on PPP arrangements for the establishment of effective light-rail metro transit (LRMT) systems. Presents options and

discusses practical issues related to preparing and implementing new LRMT PPP schemes. The toolkit is intended as a practical guide to developing LRMT PPPs in both developed and developing countries. It aims to help government and public authorities to make informed decisions, adapted to local policy and objectives.

Bus Rapid Transit

- IFC E-Bus Toolkit - Enabling Green and Efficient Urban Transport. To address the globally growing interest in the electrification of public transit through electric buses, IFC has developed the "E-Bus Toolkit", 2023. The E-Bus Toolkit aims to help staff systematically support cities in their unique journey of adopting electric buses. It assists teams from project origination to advisory delivery and investment commitment.
- Urban Bus Toolkit - World Bank and Public-Private Infrastructure Advisory Facility (PPIAF) 2011 - This toolkit is designed to help government officials and policy makers evaluate existing and alternative urban bus systems in developing and transitional countries. It offers practical advice to enact fundamental system reforms (available in English, French and Chinese).
- Toolkit for Public-Private Partnerships in Urban Transport - Maharashtra, India - Asian Development Bank (ADB) 2011 - This toolkit was prepared to assist public entities in the state of Maharashtra in India in developing public-private partnership (PPP) urban bus transport projects. It includes case studies and detailed term sheets for the different PPP options that aim to facilitate the drafting of contracts. Terms sheets are provided for (a) cost-plus contracts and net-cost contracts (typically lease contracts) where the private sector owns, operates and maintains the buses while the public authority collects the revenue, (b) licensing contracts (typically operation & maintenance contracts) where the buses are owned by the public authority and the private party operates and maintains the buses and collect the revenue, and (c) a bus depot contract (design-build-operate contract) as well as (d) a monorail operation and maintenance contract.
- Bus Rapid Transit (BRT): Toolkit for Feasibility Studies - This Toolkit is Module 2 of the Guidelines and Toolkits for Urban Transport Development prepared by the Asian Development Bank (ADB) and the Ministry of Urban Development of India in 2008. The documents in this toolkit are designed to help decision makers and practitioners in states and municipal governments who are concerned with urban transport development in medium-sized cities in India.
- Toolkit on Market-Based Approaches in Private Sector Provision of Bus Services - This toolkit is designed to help government officials and policy makers evaluate existing and alternative urban bus systems in developing and transitional countries. It offers practical advice to enact fundamental system reforms.

Fare Collection and Intelligent Transport Systems (ITS)

- World Bank Toolkit for Intelligent Transport Systems (ITS) for Urban Passenger Transport - Online tool providing guidance in the planning, design, implementation and evaluation of an ITS program. The online resource includes sections on fare collection and case studies as well as a downloadable Handbook and Companion Guide.
- European ITS Toolkit - Decision-support toolkit for Intelligent Transport Solutions (ITS) - The toolkit was developed by the European project 2DECIDE. It covers ITS solutions for road and public transport in Europe. The toolkit is available to the public for free upon registration. It is available in English, French, Spanish and other European languages.
- A Toolkit for Self-Service, Barrier-Free Fare Collection -Transport Research Board (TRB) of the United States, Transit Cooperative Research Program (TRCP) Report 80, 2002. The report addresses the full range of issues and parameters - including policy and enforcement issues, operational issues, and capital and equipment issues - that an agency must consider in determining the applicability of self-service fare collection systems. In 2012, TRB released TCRP Synthesis 96: Off-Board Fare Payment Using Proof-of-Payment Verification, as an update to TCRP Report 80.

Roads and Highways

- Climate Toolkits: Roads - This toolkit is part of the World Bank Group's Climate Toolkits for Infrastructure PPPs. The roads toolkit addresses key climate-related aspects in road projects by helping map climate policies and assess project alignment; focusing on climate risk assessment, carbon footprint estimation, and mitigation strategies; and guiding prioritization of climate strategies and checks their economic viability. The toolkit includes specific tools, reference libraries, and reporting templates.
- Toolkit for Public-Private Partnerships in Roads and Highways - World Bank and Public-Private Infrastructure Advisory Facility (PPIAF), 2009 (English and Russian) - This toolkit for PPPs in roads and highways aims to assist transport sector policy makers in low- and middle-income countries in implementing procedures to promote private sector participation and financing in the development of their road and highway sector. The Toolkit is presented in six modules, each presenting a specific subject matter for the development of PPP. Module 2 (Key Components) provides information on risk assessment, finance and public accounting. Module 4 (Laws and Contracts) examines the legal and regulatory environment to PPP. It provides a framework for diagnosis and reform and the basis for preparation of PPP contracts.
- Understanding Transport Resilience: Assessment Approaches and Tools - The report highlights two emerging tools that reflect recent advancements in the cost efficiency of resilience analysis.

Railways

- A Railway Concessioning Toolkit - Guide de mise en concession ferroviaire, Sub-Saharan Africa Transport Policy Program (SSATP), Working Paper No. 74, World Bank, April 2003 (English and French). Includes sample concession agreement for railways in civil law jurisdiction (commentary on sample concession agreement).
- Railway Reform: A Toolkit for Improving Rail Sector Performance - Public-Private Advisory Facility (PPIAF), June 2011 (English, Spanish French and Russian). This toolkit provides an experienced-based set of best practices and selected case studies to aid in the planning and execution of railway reforms. It is based on international experiences with railway reform under a range of railway organizational forms—state agencies, state-owned, or private enterprises.

Ports

- World Bank Port Reform Toolkit - Ports are undergoing constant transformation, induced by changes in the global economy, technology, or the environment. Port reform is influenced by factors that include aspirations for change underpinned by complex internal and external drivers. In a sector where public and private interests must work together, closely managing change is important. Having the right tools is key for a successful port reform and improvement process which enables economic growth, creates jobs, and fosters sustainable development. For over two decades, the Port Reform Toolkit has been one of the most comprehensive guides for implementing port reforms.
- The Container Port Performance Index 2020 to 2024: Trends and Lessons Learned - The Container Port Performance Index (CPPI) provides a global benchmark of how container ports perform in handling vessel calls. Developed jointly by the World Bank and S&P Global Market Intelligence, it measures the time ships spend in port and relates this to the number of containers moved during that time. This approach makes the CPPI a unique diagnostic tool that can highlight patterns in port operations and shed light on global and regional supply chain dynamics.

Related Content

- **Public-Private Partnerships for Transport**
- **Public-Private Partnerships in Airports**
- **Public Private Partnerships in Ports / Port Reform**
- **Public-Private Partnerships in Roads**
- **Railway PPPs**
- **Urban Passenger Transport**
- **Transportation Toolkits**
- **Gender & Transport Projects**
- **Case Studies: Municipal PPP Framework**

Additional Resources

- Guidelines & Tools
- Benchmarking
- Checklists for Key Legal/ Drafting Issues in PPPs and sample clauses
- Sample PPP Clauses
- TORs for Advisors
- Welcome to ChatPPP!

Subsections

transport Image not found or type unknown

PPP for transportation: Toolkit for Legislators

Conference room Image not found or type unknown

National Conference of State Legislatures (NCSL)

Image not found or type unknown
glassware, infrastructure

PPP Structuring Toolkit

Image not found or type unknown
Private Sector Participation in Light Rail - Light Metro Transit Initiatives

Private Sector Participation in Light Rail - Light Metro Transit Initiatives

Image not found or type unknown
E-bus

IFC E-Bus Toolkit

Image not found or type unknown
PPIAF - The Urban Bus Toolkit (2007)

PPIAF - The Urban Bus Toolkit (2007)

Image not found or type unknown
Toolkit for Public-Private Partnerships in Urban Bus Transport - Maharashtra India - Bus

Toolkit for Public-Private Partnerships in Urban Bus Transport - Maharashtra India

Image not found or type unknown
Bus Rapid Transport: Toolkit for Feasibility Studies - Bus

Bus Rapid Transport: Toolkit for Feasibility Studies

Image not found or type unknown
infrastructure

Toolkit on Market-Based Approaches in Private Sector Provision of Bus Services

Image not found or type unknown
Toolkit for Intelligent Transport Systems for Urban Passenger Transport - Bus

Toolkit for Intelligent Transport Systems for Urban Passenger Transport

Image not found or type unknown
Intelligent Transport Systems - ITS - Toolkit for European Union, image of train

Intelligent Transport Systems - ITS - Toolkit for European Union

Image not found or type unknown
transport

A Toolkit for Self Service Barrier Free Fare Collection - Transportation Research Board (TRB)

Image not found or type unknown
Climate Toolkit for Infrastructure, Roads, Road cutting through greenery

Climate Toolkits: Roads

Image not found or type unknown
Toolkit for Public-Private Partnerships in Roads and Highways

Toolkit for Public-Private Partnerships in Roads and Highways

Image not found or type unknown
A Railway Concessioning Toolkit (Guide de mise en concession ferroviaire)

A Railway Concessioning Toolkit (Guide de mise en concession ferroviaire)

Railway Reform: Toolkit for Improving Rail Sector Performance, image of railway

Railway Reform: Toolkit for Improving Rail Sector Performance

Port Reform Toolkit PPIAF, World Bank, 2nd Edition: Port

Port Reform Toolkit PPIAF, World Bank, 2nd Edition

highway

Understanding Transport Resilience: Assessment Approaches and Tools

business office

Big Data Toolkit for Transport Sector Engagements Across the Project Cycle

Disclaimer: *The resources on this site is usually managed by third party websites. The World Bank does not take responsibility for the accuracy, completeness, or quality of the information provided, or for any broken links or moved resources. Any changes in the underlying website or link may result in changes to the analysis and recommendations set forth on the* Public-Private Partnership Resource Center. *The inclusion of documents on this website should not be construed as either a commitment to provide financing or an endorsement by the World Bank of the quality of the document or project. If you have any comments on any of the links provided on the* Public-Private Partnership Resource Center, *please get in touch here*