



IRF
GLOBAL

Performance- based Contracts: Management & Implementation

Online Training
April 26 – May 6, 2021



Online Training



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Online Workshop

Background

In traditional road construction and maintenance contracts, contractors are responsible for the execution of works and are paid on the basis of unit prices for different work items. The results are in many cases less-than-optimal because the contractor is incentivized to carry out the maximum amount of works, in order to maximize its turnover and profits. Under Performance-based contracts, contractors have a strong financial incentive to be both efficient and effective whenever they undertake work through intelligently designed interventions which ensure that pre-defined indicators of Service Level are achieved and maintained over time.

This on-line training course will focus on how to manage and implement Performance-based contracts to help road agencies meet their desired outcomes. Agencies that are seeking more effective mechanisms for privatizing maintenance programs will profit by sending key staff to learn from the experience of counterparts in the public and private sectors and from international financing institutions.

Format

The lectures will be taught during a two-week period with live 2 – 2.5 hours on-line sessions held on Monday through Thursday of each week. Upon completion of the training program, the IRF will administer an on-line knowledge test. Participants with a score of 80% or higher will be awarded with a certificate verifying their successful completion of the course.

Learning Objectives

- ✓ Develop a Business Case for PBCs
- ✓ Defining and Measure Risk under Performance-Based Road Contracts
- ✓ Successfully manage the Client-contractor Relationship
- ✓ Learn the key implementation success factors
- ✓ Get exposed to global and regional PBC best practices
- ✓ Discover solutions to road delivery and maintenance problems faced in your country
- ✓ Receive IRF Certification

Target Audience

- ✓ Road Authorities & Operators
- ✓ Road Design Consultants
- ✓ Road Contractors
- ✓ Maintenance Personnel
- ✓ Pavement design engineers
- ✓ Geotechnical engineers
- ✓ Materials engineers

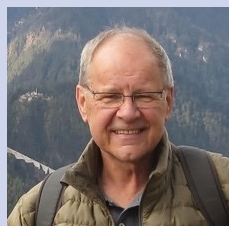
Speakers



Dr. Asif Faiz

Advisor, Asian Development Bank & World Bank

Dr. Asif Faiz is a former World Bank Highways Adviser and Infrastructure Sector Manager with some 40 years of experience in designing, managing and implementing transport development policies, programs and projects in more than 40 developing countries. After retiring from the World Bank in 2008, he has consulted as a technical and policy advisor for the World Bank Group- public investment programs and projects covering motorways, airports, highway improvement and maintenance programs, rural roads, and transport services in more than 20 countries. He managed the World Bank's infrastructure program in Latin America in 1990s, under which area-wide performance-based road maintenance contracts were implemented in Argentina and Uruguay. He helped initiate similar maintenance contracts in Georgia and hybrid PBMCs in Tonga. Dr. Faiz owns and operates Faiz and Associates LLC, an advisory consultancy in international development, transport, urban planning and fragile states.



Janusz Sobieniak

PBC Consultant, ADB & The World Bank

Janusz Sobieniak is a professional engineer and transport sector specialist with more than 30 years of experience the fields of national/regional planning, project preparation, project management, asset management and institutional strengthening in the road and civil aviation sectors. He has led multi-disciplinary teams in successfully planning and implementing improvements to transport infrastructure and services across the Americas, Africa, Europe, Asia and the Pacific. His focus is assisting national and local transport administrations to strengthen their business processes and adopt international best practices in infrastructure planning, design, procurement, project management and maintenance. He has worked with the World Bank, Asian Development Bank, European Bank of Reconstruction and Development, European Union and Canadian, UK and US bilateral development agencies and is familiar with donor policies and procedures.



Robert Fergerstrom

Consultant, IRF

For more than 40 years, Mr. Fergerstrom's career has focused on management consulting to public transportation agencies in the United States and overseas. In the course of his career, he has assisted more than 30 public works agencies to strengthen institutional capacity. On most of these projects he has managed diverse teams of highly specialized experts working with client agencies to develop strategies for institutional strengthening and implement structural reform. His areas of expertise include maintenance contracting, organizational reviews, restructuring, management systems, conducting workshops and assessing potential for privatization.



Andreas Schliessler

Transport Economist and Transport Infrastructure Specialist

Andreas Schliessler is a Transport Economist and Transport Infrastructure Specialist with 35 years of international work experience. After completing his university studies in Germany and the USA, he started his career in an

international freight forwarding company based in Germany, but quickly moved on to work as a consultant specializing in transport infrastructure planning and transport project development (roads, rail, ports and airports). His numerous assignments took him to more than 50 countries, mostly in Latin America, Africa, Europe and the Middle East.

Registration

- 1,700 USD IRF Members
- 2,000 USD Non IRF Members
- 1,400 USD Groups of 3 or More
- 1,000 USD IFIs, US State DOTs & City Officials

Registration: <https://www.irf.global/event/pbc21-ws-online-training>

For any support, please contact melabyad@irf.global

Schedule

Monday - Thursdays (9:00 AM– 11:30 AM US EDT / 1:00 – 3:30 PM GMT)

Monday, April 26

1. Introduction to PBM (evolution, definitions, pure vs. hybrid)
2. International examples

Tuesday, April 27

3. Key features of PBMC (scope, LOS, payments etc.)
4. Decide scope of work (Assets, PB, QB)
5. Case study OPRC
6. Recording on OPRC framework

Wednesday, April 28

7. Asset management – prerequisite
8. Road data requirements for PBMC
9. Case study
10. Recording on risk management

Thursday April 29

11. Contract document preparation
12. Risk factors from contractor viewpoint
13. Case studies demonstrating data collection issues

Monday, May 3

14. Specifications 1 basic description
15. Specifications 2 issues and choices
16. Case study with winter maintenance

Tuesday, May 4

17. Contract management procedures
18. Contract safeguards (environment, safety, health, social)
19. Contract reporting forms with case study
20. Recording on procurement for WBG contracts

Wednesday, May 5

21. Road network performance evaluation
22. Implementation challenges from contractor
23. Case studies Georgia, Zambia, Tonga

Thursday, May 6

24. Summary of successful and unsuccessful practices
25. Sources for references and sample bid documents

System Requirements

Computer Requirements

Operating System

Windows 7 - Windows 10, Mac OS X 10.9 (Mavericks), macOS Catalina (10.15), Linux, Google Chrome OS, Android OS 5 (Lollipop) - Android 9 (Pie), iOS 10 - iOS 12, Windows Phone 8+, Windows 8RT+

Web browser

Google Chrome (most recent 2 versions)

Mozilla Firefox (most recent 2 versions)

Internet Explorer v11 (with Adobe Flash if running Windows 7)

Apple Safari (most recent 2 versions)

Microsoft Edge (most recent 2 versions)

Internet connection

1 Mbps or better (broadband recommended)

Hardware

2GB of RAM (minimum), 4GB or more of RAM (recommended)

Microphone and speakers (USB headset recommended)

GLOBAL

KNOWLEDGE • ADVOCACY • EDUCATION
BEST PRACTICES • BUSINESS OPPORTUNITIES

Better Roads. Better World.



IRF[®]
— GLOBAL —

International Road Federation

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