



Performance-Based Contracts

Deliver higher levels of service across the network

Amsterdam, Netherlands
March 5-11, 2017



Executive Seminar

The Road Industry's Most Trusted Brand in Continuing Education



For more than 50 years, an essential part of the IRF's mission has been the organization and delivery of training courses that provide continuing professional development for individuals and contribute to the dissemination of knowledge and expertise throughout the world.

As a strong believer in continuing education, the IRF provides members, as well as road professionals worldwide with educational opportunities that are recognized by engineering and transportation societies worldwide. The IRF's Global Training Curriculum provides technical expertise in classroom and practical settings where attendees can learn from and have direct access to seasoned professionals. Each course not only provides the most relevant, up-to-date information and best practices and solutions, but is also designed to assist attendees in learning to correctly apply the knowledge gained.

IRF Workshops are specifically developed to meet the needs of today's highway managers. Whether you are a representative of a highway agency, a member of a financing institution, consultant or contractor, IRF workshops will give you the necessary tools to make improvements in your organization. Our mission is facilitate road progress whenever and wherever we can by organizing constructive events, furnishing needed information and assisting with the training and transfer of best practices and technologies around the world.

As Chairman of the International Road Federation, I encourage you to make the most of these opportunities and help fulfill the IRF's vision of better roads for a better world.



Abdullah A. Al-Mogbel
IRF Chairman

About the IRF

OUR MISSION: Building Partnerships

We assist countries in progressing towards better, safer and smarter road systems.

We develop and deliver world-class knowledge resources, advocacy services, and continuing education programs, which together offer a global marketplace for best practices and industry solutions.

We serve a wide range of member organizations from both the public and private sectors of the road and transport industry. Together, we form a global network for information exchange and business development.

We invest in the next generation of transport leaders. Since 1949, the IRF has awarded educational scholarships to individuals in 119 countries to pursue careers in the road and transport industry.

OUR VISION: Better Roads. Better World

We believe that well-planned, safe, accessible and environmentally sound road networks are fundamental building blocks for human and economic development.

We are committed to increasing road and transport investments to meet the demands for safe and efficient travel and flow of goods and services to help improve the lives of people worldwide.

We engage with governments, development institutions, businesses, and academia around the world to make our vision a reality.

OUR ORGANIZATION: A Global Federation

The International Road Federation welcomes members from government, academia, road associations, research institutes, and private industry.

We are a global not-for-profit organization, headquartered in Washington, DC since 1948 and supported by regional offices throughout the world.

The IRF serves a network of public and private sector members in more than 70 countries by providing world-class knowledge resources, advocacy services, and continuing education programs which together offer a global marketplace for best practices and industry solutions.

Course Description

Performance Based Road Contracts (PBCs) represent a significant shift away from more traditional approaches to the delivery and maintenance of road infrastructure and associated services, with focus placed on measurable outcomes and the incentives to the achievement of those outcomes. As part of a global effort to foster awareness of the importance of Sustainable Infrastructure Development, international lending organizations and donor agencies such as the World Bank and the European Bank for Reconstruction and Development are increasingly providing loans and technical assistance with a PBC component to support the development and implementation of programs that assist highway agencies and strengthen local commerce and industry.

This Executive Seminar includes a program of presentations and discussions about PBCs and how they can help road agencies meet their desired outcomes. Participants will engage in working groups with experts who are actively involved in maintenance contracting and asset management to discuss the application of best practices under different country conditions. All engineers and managers who are involved in highway maintenance and operation will benefit from this experience. 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.

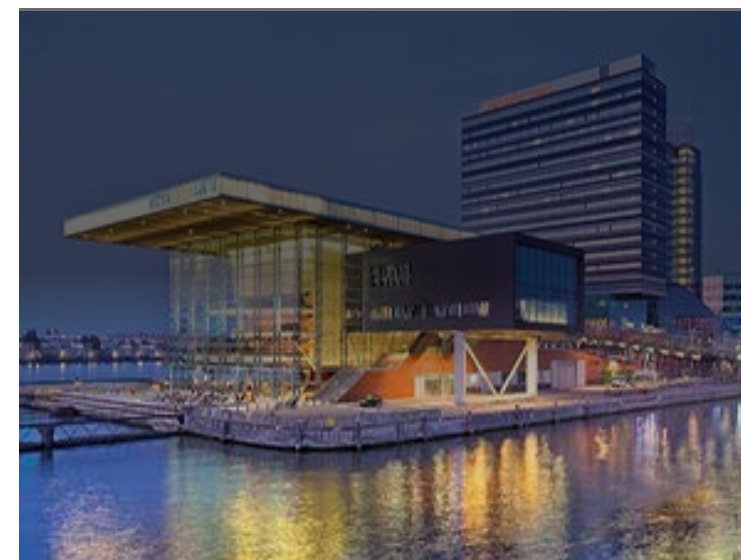
Learning Outcomes

- Understand PBCs and their role in maintaining road infrastructure services
- Develop a Business Case for PBCs
- Understand the role of service levels and the associated data requirements
- Defining and Measure Risk under Performance-Based Road Contracts
- Successfully manage the Client-contractor Relationship
- Get exposed to global and regional PBC best practices
- Discover solutions to road delivery and maintenance problems faced in your country

Target Audience

- Road & Transport Agency Executives
- Municipal and Local Government Engineers
- Development and IFI Professionals
- Highway Maintenance Professionals
- Consultants & Contractors
- Service Providers

Venue



Mövenpick Hotel Amsterdam City Centre

<http://www.movenpick.com/en/europe/netherlands/amsterdam/hotel-amsterdam>

DAY 0 SUNDAY, MARCH 5 HOTEL CHECK-IN STARTING AT 14:00

DAY 1 MONDAY, MARCH 6 PBC PRINCIPLES & LESSONS FROM INT'L EXPERIENCE

8:00 – 8:45	Registration
9:00	Opening Session
10:00	A Conceptual Framework for Performance-Based Contracts
11:00	Break
11:15	Principles and Lessons for Performance-Based Contracts
12:00	Lunch
13:30	International Overview Performance-Based Contracts (OECD Countries)
14:30	The Development Agency Perspective (The World Bank)
15:15	Break
15:30 – 16:30	The Development Agency Perspective (European Bank for Reconstruction and Development)

DAY 2 TUESDAY, MARCH 7 PBC DESIGN & IMPLEMENTATION

9:00	Framework for Addressing Road Asset Management Challenges
10:00	Asset Management: Prerequisite for PBCs & Data Requirements
11:00	Break
11:15	Designing a Road Asset Maintenance Delivery Program
12:00	Lunch
13:30	Defining Risks Under Performance-Based Road Contracts
14:15	Country Preparation for Output and Performance-Based Type Contracts
15:15	Break
15:30 – 17:30	New Zealand Case: Past, Present & Future

DAY 3 WEDNESDAY, MARCH 8 PBC ESSENTIALS AND KEY CONTRACT FEATURES

9:00	Scope of the Works for PBC
10:00	Specifications & Performance Evaluation for PBC
11:00	Break
11:20	Implementation of PBC: Challenges from Contractor's Perspectives
12:00	Lunch
13:30	Assembling the Contract Document
14:30	Managing the PBC Contract
15:30	Break
15:45 – 16:30	Rijkswaterstaat Experience (Netherlands)

DAY 4 THURSDAY, MARCH 9 ROAD MAINTENANCE CHALLENGES & SOLUTIONS

9:00	Quality Control (Contractor)
10:00	Combining Routine and Heavy Maintenance
11:00	Break
11:20	Argentine CREM Experience
12:30	Lunch
14:00 – 16:30	Country Presentations

DAY 5 FRIDAY, MARCH 10 WRAP-UP & TECHNICAL PROGRAM CLOSING

9:00	Factors for Success in PBCs (Panel)
10:00	Breakout Session - PBC Contract Proposal (Workshop Participants)
12:00	Lunch
13:00	Presentation of the PBC Contract Proposal (Workshop Participants)
15:00 – 15:30	Closing Comments and Awarding of Certificates

DAY 6 SATURDAY, MARCH 11 HOTEL CHECKOUT BY 11:00

**LEAD INSTRUCTOR****ROBERT F. FERGERSTROM**

International Road Federation

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.

**PRESIDENT****ANIL BHANDARI**

AB International Enterprises

Dr. Anil Bhandari is President of AB International Enterprises LLC and a Senior Transport Infrastructure Consultant, resident in Kenya. He worked for the World Bank (1989-2010) in various regions of the World Bank and was Senior Infrastructure Advisor for the Africa Region at the time of his retirement. His former careers include Technical Adviser, Ghana Highway Authority (1987); Associate Dean of Engineering, University of Dar-es-salaam, Tanzania (1973); and Executive Engineer, NAFCO (1971). Anil holds a doctorate in Transportation Engineering (Purdue University), a master degree in Industrial Engineering (Kranett School of Management), and an Master's of Science in Civil Engineering (MIT).

**CIVIL ENGINEER****ADRIAN BURDE**

Leidos

Dr. Adrian Burde provides ongoing support to several Department of Transportation agencies and private companies on matters related to performance based maintenance contracting.

Dr. Burde has routinely prepared operating procedures and other technical documentation to be used by owner agency staff for developing, implementing, and managing asset management programs. Since 2005, Dr. Burde has been developing and implementing management tools for the asset maintenance program of the VDOT Central Office Maintenance Division including Maintenance Rating Program (MRP) data analyses, condition reports, and performance evaluation reports. Most recently, Dr. Burde was appointed Project Manager of the VDOT MRP third party evaluation team.

**ADVISOR****ASIF FAIZ**

ADB & The 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.

**PRINCIPAL CONSULTANT GLOBAL ASSET MANAGEMENT****WAYNE HATCHER**

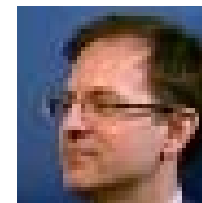
MTech (Pavements)

Wayne Hatcher has more than 20 years of experience managing highway infrastructure. During that time he has developed leading skills in infrastructure asset management, particularly in the use and application of asset data to support effective highway management. He has developed and enhanced several systems that help highway asset managers make informed decisions, including: economic appraisal; asset valuation and depreciation; performance monitoring and management; prioritization; and optimization.

**SENIOR ADVISOR INNOVATION & PROCUREMENT****LEON HOMBERGEN**

Rijkswaterstaat, Ministry of Infrastructure and Environment

Leon Hombergen graduated in Civil Engineering at Delft University of Technology in 1995. In the dutch military service he worked together with the National Topographical Service on GIS-maps. After this period, he joined Rijkswaterstaat and worked in several positions, mainly focusing on innovative approaches for contracts in both newly build and maintenance contracts. For this, he worked on both policy level as within projects. Between 2005 and 2010 he worked in the International Partner Programme for Infrastructure Management PIM, a joint programme of Rijkswaterstaat, Highways of England, Atkins and Sweco about further professionalization for road operations and the implementation (performance based) maintenance contracts.

**HEAD OF INFRASTRUCTURE POLICY****MATTHEW JORDAN-TANK**

European Bank for Reconstruction and Development (EBRD)

Matthew is the Head of Infrastructure Policy at EBRD, providing advice and structuring for the Municipal Infrastructure and Transport sectors. Previously, he was Senior Urban Transport Specialist at EBRD from 2007-2013, where he focused on both private and public sector urban transport project structures in line with the Bank's mandate, involving over 50 individual projects across some 20 countries in Eastern Europe, Russia and the CIS and Turkey.

**CONSULTANT****PEKKA PAKKALA**

Pekka Pakkala is an international renowned transportation consultant, with experience and competencies in asset management and maintenance, project delivery methods, Performance Based Maintenance Contracts (PBMC), Public Private Partnerships (PPP), international practices and benchmarking, research projects, and training and education. Pekka has been an IRF instructor for more than 10 years.

**ASSISTANT PROFESSOR****ROB SCHOENMAKER**

Delft University of Technology

Rob Schoenmaker is Assistant Professor at the section Integral Design and Management at Delft University of Technology. Before he joined Delft, he had a long career as project manager, manager and strategic advisor at Rijkswaterstaat in varied sectors as IT, roads, and waterways. His research focusses on strategic asset management, performance management and performance-based contracting mechanisms. He is teaching MSc courses on asset management and supervises MSc graduates and PhD students. He is also chair of the Board of Examiners of the master Construction Management and Engineering.

**DIRECTOR****MARTIJN VAN GILS**

Royal Oak Transport Consultancy

Martijn van Gils is the owner and director of Royal Oak Transport Consultancy and works with road agencies who are defining and implementing a transportation strategy and guides the delivery process. He is a specialist in mobility, safety, contract and project management. He obtained his Master of Science in Systems Engineering and Policy analysis at Delft University of Technology in 1999. He has gained experience on the contractor side, as well as the government side. Currently he is implementing PBM for road tunnels & ITS systems.

Important Note:Registration can also be completed online at: www.IRF.global/event/pbc17-amsterdam

Performance Based Contracts: Amsterdam March 2017

Registration**FOR OFFICE USE ONLY**
Payment Received Date**Contact Information**

REFERENCE CODE (IF APPLICABLE)		YEAR	MONTH	DAY
LAST NAME		MOBILE PHONE (WITH COUNTRY CODE) PREFERRED CONTACT NUMBER		
FIRST NAME		OFFICE PHONE (WITH COUNTRY CODE) PREFERRED CONTACT NUMBER		
EMAIL		FAX NUMBER (WITH COUNTRY CODE)		
ORGANIZATION NAME	JOB TITLE	ORGANIZATION WEBSITE		
ORGANIZATION ADDRESS				
CITY	STATE/ PROVINCE	POSTAL CODE	COUNTRY	
ORGANIZATION CATEGORY Government Academia Industry Association Private Sector				

Additional Registrants *(please list the names of any additional delegates you are registering)*

LAST NAME	EMAIL
FIRST NAME	JOB TITLE
LAST NAME	EMAIL
FIRST NAME	JOB TITLE
LAST NAME	EMAIL
FIRST NAME	JOB TITLE
LAST NAME	EMAIL
FIRST NAME	JOB TITLE
LAST NAME	EMAIL
FIRST NAME	JOB TITLE

Registration Rates *(check the one box that applies; all amounts in US dollars)*

IRF MEMBERS US \$4,900 per person (includes 6 nights hotel) US \$3,700 per person (no hotel included)	NON MEMBERS US \$5,400 (6 nights hotel) US \$4,200 (no hotel included)	GROUPS OF 3 OR MORE US \$5,100 (6 nights hotel) US \$3,900 (no hotel included)
---	--	--

Rates valid through 14 days prior to the event. Late / on-site registrations are subject to an additional 10% fee.

VISA INVITATION

Do you require a visa invitation letter? Yes No

Payment

PAYMENT TYPE Invoice Check Credit Card	CARD TYPE Visa MasterCard AMEX	CARD NUMBER
CARD EXPIRATION DATE (MM/YY)	CARD SECURITY CODE	NAME ON CARD
AMOUNT TO BE CHARGED (IN US DOLLARS)	TODAY'S DATE (YYYY/MM/DD)	SIGNATURE

By signing this document, I agree to comply with the Terms and Conditions applicable to IRF Events and provide full release of my likeness and voice to be used for promotional purpose by the IRF. This release covers photos and videos taken during the event.

PRINTED NAME	SIGNATURE (IF FAXING)	DATE OF APPLICATION (YYYY/MM/DD)
--------------	-----------------------	----------------------------------

Important Note:Registration can also be completed online at: www.IRF.global/event/pbc17-amsterdam

GLOBAL

KNOWLEDGE • ADVOCACY • EDUCATION
BEST PRACTICES • BUSINESS OPPORTUNITIES

Better Roads. Better World.



IRF[®]
— GLOBAL —

International Road Federation

GLOBAL HEADQUARTERS

Madison Place

500 Montgomery Street, Fifth Floor

Alexandria, VA 22314 USA

Telephone: +1 703 535-1001 Facsimile: +1 703 535 1007

www.IRF.global