



Performance-Based Contracts

Orlando, Florida USA
October 18-28, 2020



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 Executive Seminars 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 Executive Seminars 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



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.

DELIVERING OUTCOMES THROUGH PERFORMANCE-BASED CONTRACTS

The International Road Federation is pleased to announce its Executive Seminar on Performance-Based Contracts will be held October 18 - 28, 2020 in Orlando, Florida USA.

International experts representing the fields of contract management, financing and sustainable transport policy development have been scheduled to present best practices and case studies in performance-based contracting. The program will include a five-day program of presentations and discussions about performance-based contracts. 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.

The IRF's Executive Seminars 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 seminars 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 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 currently provide loans and technical assistance to support the development and implementation of programs that assist highway agencies and strengthen local commerce and industry.

TARGET AUDIENCE

- Road & Transport Agencies Executives
- Engineers and Managers involved in Highway Maintenance
- Private Consultants & Contractors
- Service Providers

HOTEL & VENUE

Wyndham Lake Buena Vista Resort

1850 Hotel Plaza Blvd
 Lake Buena Vista, Orlando
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SUNDAY, OCTOBER 18

HOTEL CHECK-IN STARTING AT 14:00. CHECK OUT ON OCTOBER 28 BY 11:00

MONDAY, OCTOBER 19

ASSET MANAGEMENT PRINCIPLES & LESSONS FROM INT'L EXPERIENCE

9:00 – 09:30	Registration
9:30 – 10:00	Introductions & Seminar Overview
10:00 – 11:00	Introduction to Performance-Based Contracting
11:00 – 11:15	Break
11:15 – 12:15	Principles and Lessons for Performance-based Contracts
12:15 – 13:30	Lunch
13:30 – 14:30	International Overview of Performance-based Contracts
14:30 – 15:30	Defining Risks under Performance Based Road Contracts
15:30 – 15:45	Break
15:45 – 16:45	Experience: Adapting OPRC-Methodology to implement Asset Management Contracts (Design-Build-Operate-Maintain-Transfer)

TUESDAY, OCTOBER 20

PBC DESIGN & IMPLEMENTATION

9:00 – 11:00	Asset Management: Prerequisite for PBCs
11:00 – 11:15	Break
11:15 – 12:15	Nepal Road Asset Management - Case Study
12:15 – 13:30	Lunch
13:30 – 14:30	Requirements for an Effective Maintenance Program
14:30 – 15:30	Innovations with the OPRC- Contracting Methodology
15:30 – 15:45	Break
15:45 – 16:30	Contracting Options for Road Maintenance Service Delivery

WEDNESDAY, OCTOBER 21

PBC ESSENTIALS AND KEY CONTRACT FEATURES

9:00 – 10:30	Specifications & Performance Evaluation for PBC
10:30 – 11:30	Contract Management & Payment Structures for PBC Contracts
11:30 – 11:45	Break
11:45 – 12:30	PBC Pioneers: British Columbia, Canada
12:30 – 14:00	Lunch
14:00 – 15:00	Assembling the Contract Document
15:00 – 15:45	Virginia Department of Transportation Experience
15:45 – 16:00	Break
16:00 – 16:45	Hybrid PBCs: PNG Case Study

THURSDAY, OCTOBER 22

ROAD MAINTENANCE CHALLENGES & SOLUTIONS

8:30 – 09:30	Hybrid PBCs: Tajikistan Case Study
09:30 – 12:00	Procurement for IFI funded Projects
12:00 – 13:30	Lunch
13:30 – 14:30	Implementation of PBCs: Challenges from a Contractor's Perspective
14:30 – 15:30	Zambia Experience
15:30 – 15:45	Break
15:45 – 16:30	Risk Factors to Consider in Performance Based Maintenance Contracts

FRIDAY, OCTOBER 23

WRAP-UP & TECHNICAL PROGRAM CLOSING

9:00 – 11:00	Country Presentations
11:00 – 12:30	Open Forum & Seminar Wrap-Up
12:30 – 13:30	Lunch
13:30 – 14:00	Closing Ceremony and handing of certificates

SATURDAY & SUNDAY, OCTOBER 24-25

FREE

MONDAY, OCTOBER 26

FIELD TRIP

9:00 – 14:00	Data Collection Exercise for AM & PBC (Roadbotics)
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TUESDAY, OCTOBER 27

FIELD TRIP

8:30 – 12:00	Field Visit: Central Florida Expressway Authority
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LEAD INSTRUCTOR



Robert F. Fergerstrom, P.E., Lead Instructor, 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.

FEATURED SPEAKERS



Adrian Burde, Civil Engineer, 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.



Michael E. Sprayberry, P.E., FDOT, Office of Maintenance in Tallahassee

Mike received a Bachelor of Science Degree in Civil Engineering from the University of Alabama in 1992. He joined the FDOT Professional Engineer Trainee Program in 1993. After graduating from the P.E. Trainee Program, Mike worked in District 7 Maintenance in Tampa, Florida for a few years as a Contract Project Manager & as the Maintenance Management Systems Engineer before being offered a job in the State Maintenance Office as the Bridge Information Engineer. He left FDOT in 2000 to work for the City of Tallahassee as a Traffic Engineer and then moved into the Private Sector to focus first on Commercial & Residential Site Plan Development and then as Roadway Design Engineer for FDOT Projects. In 2005, Mike returned to FDOT Office of Maintenance to accept his current position as the State Administrator for Maintenance Contracting, where, for over 11 years, he has focused primarily on Performance Based Contracting theory, concepts, methods, and practice. Mike has been licensed as a Registered Professional Engineer in the State of Florida for over 18 years.



Lars Forlof, CEO/Founder, Roadroid

Lars Forslöf is a road engineer (BSc) with more than 20 professional years as a CEO, consultant and project manager within the road maintenance, ITS and road traffic management sectors. He has worked on missions for the Swedish National Transport Administration (Trafikverket) and Stockholm City in Sweden, as well as in Myanmar (Sweroad/ADB) and Afghanistan (UNOPS). Currently he works for Trafikverket to develop KPI's for a performance-based contracts on the European road E22 in Sweden.

FEATURED SPEAKERS



Ben Gericke, P.E. Program Team Leader, Transport and ICT, The World Bank

Mr Gericke is recognized internationally for his road reform and implementation management experience. His professional experience in many countries includes infrastructure and asset management, restructuring of road management functions, road reform implementation and efficiency improvements within road agencies. He recently led the World Bank review of its support to Performance-Based Contracting and is both leading and supporting development projects, financed by the Bank, in several countries. He has a strong project implementation background and was a guest lecturer at several international training programs organized by, among others, the International Road Federation. Mr Gericke represents the World Bank on technical committees with PIARC.



Wayne Hatcher, CPEng, MIPENZ, BE (Civil) (Hons), 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. Mr. Hatcher 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. He is a leading proponent for highway condition forecasting including development and implementation of decision support tools to assist highway managers.



Pekka Pakkala, Consultant

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.



Martin van Gils, Business Development Manager, Vigiles

Martin van Gils holds a master of science in Systems Engineering & Policy Management from Delft University of Technology. He started his career at Siemens Traffic and Transportation Division. He has worked for two different engineering and consulting companies where he has worked on PPP projects & implementing Performance Based Maintenance contracts. Mr. van Gils is a member of PIARC Road Tunnel Operations committee and focusses on the 'soft' skills necessary to successfully operate complex infrastructures in traffic-, tunnel- and nautical control centers. Currently he is implementing PBM in Road Tunnels. At his company Vigiles, he is the business development manager and works on establishing a new business venture including: a center of excellence; a training facility for Emergency Services and Operators for underground structures and heavy industry that will be realized in the Antwerp - Rotterdam port area.

GLOBAL

KNOWLEDGE • ADVOCACY • EDUCATION
BEST PRACTICES • BUSINESS OPPORTUNITIES

Better Roads. Better World.



International Road Federation

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