



IRF
GLOBAL

Road Operations, Maintenance & Life-Cycle in PPPs

Amsterdam, Netherlands
April 20 – 26, 2024



SCAN FOR
INTERACTIVE AGENDA



Road Operations, Maintenance & Life-Cycle in PPPs

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Background

This course is designed to provide an in-depth understanding of road operations, maintenance, and life-cycle management within the framework of Public-Private Partnerships (PPPs) and Sustainable Public Private Partnerships. Aimed at professionals in the infrastructure sector, government officials, and private sector representatives, the program offers a comprehensive overview of the strategies and practices essential for the successful operation and maintenance of road infrastructure projects under PPP models. The course will delve into the complexities of contract management, life-cycle cost analysis, and sustainability principles in PPP agreements. Participants will also explore the challenges and opportunities associated with integrating sustainable practices in road infrastructure projects. Through a combination of expert lectures, case studies, interactive workshops, and a field trip, attendees will gain practical insights and the necessary skills to effectively manage and sustain road projects in partnership with public and private entities.

Learning Objectives

- ✓ **Comprehensive Understanding of PPP Frameworks:** Gain a deep understanding of Public-Private Partnership models, including their structure, functioning, and legal aspects in the context of road projects.
- ✓ **Expertise in Road Operations and Maintenance Strategies:** Develop skills in planning and implementing effective operations and maintenance strategies for road infrastructure under PPP agreements.
- ✓ **Proficiency in Life-Cycle Cost Analysis:** Acquire the ability to conduct life-cycle cost analyses, ensuring economic sustainability and efficiency throughout the road infrastructure's life span.
- ✓ **Knowledge of Sustainable Practices in Infrastructure:** Understand the principles of sustainable development and how they can be integrated into road projects within PPP frameworks.
- ✓ **Skills in Contract Management and Negotiation:** Learn key aspects of contract management, including performance monitoring, compliance, and negotiation techniques in the context of PPPs.
- ✓ **Insight into Risk Management and Quality Assurance:** Develop an understanding of risk management strategies and quality assurance practices essential for the success of road projects in PPPs.

Target Audience

- ✓ Road & Transport Agencies
- ✓ Private Consultants & Contractors
- ✓ International Financial Institutions
- ✓ Engineering Firms
- ✓ Toll Operators
- ✓ Service Providers

Lead Instructor



Eric Cook
Senior Advisor, IRF

Eric Dean Cook, PE is a Senior Advisor and Lead Trainer for the International Road Federation. Since 2008, Eric has served as a trainer, speaker, moderator, facilitator and fellow colleague at numerous IRF workshops, panels, forums and trade visits. Eric is the current Chair for the IRF Committee on Alternative Finance & Procurement. He formerly served as a Member of the FIDIC Procurement Policy Sub-Committee and is a former Chair of the Council of Engineering Companies International Committee. In practice, Eric is a registered professional civil engineer and has successfully supervised and managed over \$1B in construction placement over his 30 year engineering career. He has a well-rounded stakeholder perspective having worked for such organizations as the West Virginia Department of Transportation, Louis Berger Group, Kanawha Stone Construction Company, and the U.S. Army Corps of Engineers.

Registration

- 3,000 USD IRF Members / Groups of 3 or more
- 3,500 USD Non-IRF Members

Registration: <https://www.irf.global/event/ppps24-ws-amsterdam>

For any support, please contact melabyad@irf.global

Agenda

Saturday – Friday (9:00 AM – 4:00 PM)

Day 1: Introduction to PPPs in Road Infrastructure

- Morning Session:
 - Overview of Public-Private Partnerships
 - Types and Models of PPP in Road Projects
- Afternoon Session:
 - Legal and Regulatory Frameworks in PPPs

Day 2: Operations and Maintenance in PPP Projects

- Morning Session:
 - Key Aspects of Road Operations in PPPs
 - Maintenance Strategies and Best Practices
- Afternoon Session:
 - Workshop: Developing an O&M Plan for a PPP Project

Day 3: Life-Cycle Cost Analysis and Financial Planning

- Morning Session:
 - Principles of Life-Cycle Cost Analysis in Road Projects
 - Budgeting and Financial Planning in PPPs
- Afternoon Session:
 - Case Study Analysis: Financial Models in PPPs

Day 4: Sustainable Practices in Road Infrastructure

- Morning Session:
 - Sustainability in Infrastructure Development
 - Green Technologies and Practices in Road Construction
- Afternoon Session:
 - Group Activity: Designing a Sustainable PPP Road Project

Day 5: Contract Management and Performance Monitoring

- Morning Session:
 - Contractual Obligations and Rights in PPPs
 - Performance Monitoring and Compliance
- Afternoon Session:
 - Simulation: Contract Negotiation and Dispute Resolution

Day 6: Risk Management, Quality Assurance, and Course Conclusion

- Morning Session:
 - Risk Management in PPP Road Projects
 - Ensuring Quality Assurance in Road Construction and Maintenance
- Afternoon Session:
 - Course Recap and Feedback
 - Final Assessment and Discussions
 - Certificate Distribution and Closing Ceremony

Day 7: Field Trip

- Full Day:
 - Visit to a Successful PPP Road Project Site
 - Practical Insights into Operations and Maintenance

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IRF[®]
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International Road Federation

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