



**IRF**  
GLOBAL

# Performance Indicators in Highway Operations & Megaproject Management

Berlin, Germany  
July 8-14, 2023



## Workshop





# Performance Indicators in Highway Operations & Megaproject Management

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## Background

This training program on Performance Indicators in Highway Operations & Megaproject Management is designed to provide participants with a deep understanding of the importance of performance indicators in managing and improving highway operations and megaprojects. The program covers the basics of performance measurement systems and frameworks, common KPIs for highway operations and megaprojects, advanced topics such as benchmarking and data analysis, and real-world case studies of successful implementation. Participants will learn how to develop and use KPIs to manage risks, ensure project success, and make data-driven decisions. The workshop on the final day will allow participants to apply the concepts and techniques learned throughout the program to their own organizations or projects, and to receive feedback and guidance from the trainers. By the end of the program, participants will have the knowledge and skills needed to develop and implement effective performance measurement systems for highway operations and megaprojects, and to use KPIs to improve performance, manage risks, and achieve project success.

### Why In Person Training?

- Expert training by Professionals for Professionals
- Access IRF's unique curriculum and lectures developed by world-class specialists
- Demonstrations from equipment vendors
- Field trips to transportation centers of excellence in America's capitol city
- Small class size & scheduled One-on One sessions with instructors
- Interactive group projects and case studies
- Receive IRF Certification



IRF Global is now recognized as an approved training provider by the Chartered Institution of Highways and Transportation (CIHT), a respected professional body that provides transportation professionals with recognition, support and business insights to accelerate their careers and influence the future of the sector.

## Learning Objectives

- Understand the importance of performance indicators in highway operations and mega projects management
- Identify key performance indicators for highway operations and mega projects
- Learn methods for data collection and analysis, Interpret and communicate performance indicators effectively
- Apply performance indicators in real-world scenarios

## Target Audience

- National Road & Transport Agency Executives
- Highway Engineers and Managers
- Federal and State Road Safety Agencies
- Project Implementation Units
- Private Consultants & Contractors
- Procurement & Contract Management Specialists

## Lead Instructor



### Eric Dean Cook

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 American 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.

## Registration

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

### Seminar Hotel:

#### **COURTYARD BY MARRIOTT BERLIN CITY CENTER**

Address:Axel-Springer-Strasse 55, 10117 Berlin

Phone: +49 30-800 928 0

Website: <https://www.marriott.com/en-us/hotels/bermt-courtyard-berlin-city-center>

**Registration:** <https://www.irf.global/event/pi23-ws-berlin>

**For any support, please contact** [melabyad@irf.global](mailto:melabyad@irf.global)

# Schedule

Saturday - Friday (9:00 AM– 4:00 PM)

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Saturday, July 8	<ul style="list-style-type: none"><li>• Definition and importance of performance indicators</li><li>• Overview of highway operations and megaproject management</li><li>• Types of performance indicators and their applications</li><li>• Key challenges and benefits of using performance indicators</li></ul>
Sunday, July 9	<ul style="list-style-type: none"><li>• Common KPIs for highway operations, such as traffic flow, safety, and maintenance</li><li>• KPI data collection and analysis</li><li>• Using KPIs to improve highway operations and decision-making</li></ul>
Monday, July 10	<ul style="list-style-type: none"><li>• Megaproject-specific KPIs, such as schedule adherence, budget performance, and quality control</li><li>• KPI data collection and analysis for megaprojects</li><li>• Using KPIs to manage risks and ensure project success</li></ul>
Tuesday, July 11	<ul style="list-style-type: none"><li>• Integrating KPIs into project management processes</li><li>• Performance benchmarking and best practices</li><li>• Advanced KPI data analysis techniques</li></ul>
Wednesday , July 12	<ul style="list-style-type: none"><li>• Real-world case studies of successful performance indicator implementation in highway operations and megaproject management</li><li>• Workshop on developing KPIs and performance measurement plans for participants' organizations or projects</li></ul>
Thursday, July 13	<ul style="list-style-type: none"><li>• Field Trip – Mega Project Office</li></ul>
Friday, July 14	<ul style="list-style-type: none"><li>• Field Trip - City of Berlin</li></ul>

# GLOBAL

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## International Road Federation

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### TRAINING INSTITUTES

Alexandria, VA USA | Dubai, UAE | Zagreb, Croatia

[www.IRF.global](http://www.IRF.global)