



IRF
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Presented by the International Road Federation

Fundamentals of Road User Charging

Online Training
June 25-30, 2020



Online Training

8 Professional Development Hours



Fundamentals of Road User Charging

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Online Workshop

Background

Road pricing systems and technologies have made tremendous progress over the past decade, and today developing and implementing a local or nationwide solution presents fewer risks than was the case 10-15 years ago. Nevertheless, capital and operational expenditures remain a significant hurdle for many road agencies and toll operators. It is therefore essential for decision-makers to carefully consider the benefits of road pricing systems prior to large-scale investments.

Why Online?

- Earn 8 Professional Development Hours
- Expert training by professionals for Professionals: access IRF's unique curriculum and lectures developed by world-class specialists
- Accelerated learning processes: get up to speed and gain new insights in less time and with no travel constraints
- Full access to learning materials and session recordings
- Small classrooms & scheduled One-on-One sessions with instructors
- Self-paced options available
- Interactive group projects and case studies
- Receive IRF Certification

Format

The lectures will be taught over a four-day period with live 2-hour on-line sessions. Upon completion of the training program, the IRF will administer an on-line knowledge test. Participants with a score of 80% of the exam will be awarded with a certificate verifying their successful completion of the course.

Learning Objectives

Upon completion of the course, participants will understand:

- ✓ different financing and revenue collection models in the road sector, as well as the constraints posed today by the reliance on gas tax revenues
- ✓ the benefits of different road user charging systems
- ✓ success factors to successfully introduce a road user charge system based on multiple parameters (location & time of day, vehicle type, etc.)
- ✓ critical points and risks to overcome in introducing a new road user charging system
- ✓ how to apply the lessons learned from successful and unsuccessful case studies from around the world

Target Audience

- National & Local Public Officials with a Road Funding Mandate
- Road Agencies
- Toll Operators
- Infrastructure Developers
- Infrastructure Funds / Financial Institutions
- Private Consultants & Contractors
- Senior Financial & Legal Advisors, Technical Advisors, Insurers, Modelers
- Research Institutes & Transport Research Academia

Lead Instructors



Steve Morello

Partner, Milestone Solutions, Vice-Chair of the IRF Committee on RUC

Steve Morello, based in Miami, has 29 years of experience in the transportation sector focusing on the development of projects covering light and heavy vehicle road usage charging, ITS rollout, traditional tolling, urban congestion charging, electronic road pricing, and automated enforcement. In 2011, after a 22-year career at Egis Group in France, Steve began a new phase of his professional path as co-founder and Partner of Milestone where he leads business development activities working hand-in-hand with subject matter experts and project managers.



Nina Elter

Senior Vice President, EROAD, Chair of the IRF Committee on RUC

Nina leads EROAD's Global Market Development team and is responsible for finding and evaluating new opportunities on the global landscape. She joined EROAD in 2012 and has more than 20 years of experience working within the technology, trucking, tolling and fuel card sectors globally. Nina brings extensive expertise in these areas. In her previous role, Nina was responsible for negotiating and contracting a wide array of tolling points of acceptance for the commercial goods and passenger fuel card industry across 37 countries in Europe that had previously experienced over €1 bn in turnover.

Instructors



Peter Carr

Director Regulatory Market Development, EROAD

Peter is responsible for working with government policy agencies and regulators across Australia and New Zealand on road safety, funding and taxation matters. Prior to joining EROAD, Peter held various positions in the New Zealand public sector in the social services and transport sectors. Most recently, Peter was the Manager Funding & Infrastructure with the New Zealand Ministry of Transport, responsible for: the forecasting and rate-setting of Road User Charges and Fuel Excise Duty; developing advice to government on land transport revenue systems and funding and investment policies;

providing advice on the use of tolling, debt and public-private partnerships; and for evaluating and directing the reform of heavy vehicle dimension and mass regulations.



Jim Whitty

Partner, Milestone Solutions

Jim, based in Portland, Oregon, is a pioneer and thought leader for distancing charging policies and systems. Mr. Whitty led Oregon's efforts distance concept development, research and legislation for 14 years from commencement to enactment of the OReGO road usage charge program. Jim has spoken on distance charging in many countries, and testified over 50 times before U.S. state legislatures and twice before the United States Congress. Jim has conducted several day-long Road Usage Charge Academies for the states of Colorado, California, Texas and Florida.



Travis Dunn

Managing Partner, Milestone Solutions

Travis, based in Austin, Texas, co-founded Milestone Solutions in 2011 to help public agencies craft and implement innovative transportation funding policies. Like his colleagues at Milestone, Travis is an expert in road funding and road usage charging. He specializes in policy alternatives analysis, financial analysis, pilot test design, and strategic communication. He leads Milestone's team which has grown from its humble origins supporting Oregon's RUC program to a global network of qualified experts creating the future of transportation funding policy and systems across Australia, New Zealand, the U.S., and Europe.



Roshini Durand

Principal Consultant, Milestone Solutions

Roshini, based in Seattle, has over 15 years of experience designing systems, [optimizing](#) operations and conducting data analysis for public and private mobility and transport service providers in Europe and the United States. Since joining Milestone in 2017, she has focused on RUC for light vehicles in the US. Her expertise spans vendor certification on the Oregon RUC program through to system design and implementation and policy evaluation on the California, Washington, and Hawaii RUC pilot projects. Prior to joining Milestone, she headed the Mobility and Transportation unit of a consulting firm based in Paris.



Andrew Pickford

Associate Partner, Ernst & Young Transactions Limited

Based in Hong Kong SAR, Andrew provides advisory services to public and private sector entities in the Road User Charging policy area. From joining the team that designed and implemented the world’s first Electronic Toll Collection scheme in 1987, he now works globally and has been instrumental in developing, implementing and (now advising on) RUC schemes in Australia, Chile, China, France, Hong Kong, Singapore and South Africa. He founded and led the ITS United Kingdom Road User Charging Interest Group for 6 years and co-authored a successful “how to” guide on RUC.



Keith Mortimer

Director, Wyeval Consulting

Keith, based in Wales, is an independent RUC consultant working with partners in technology-based business streams to develop practical, affordable and sustainable outcomes. He applies in-depth knowledge of transport technologies, bringing MSc level engineering qualifications and global experience in transport systems business to company CEO level. Keith takes a strong interest in the social, economic and environmental impact of applying ITS-aware policies. Specific interests include road usage charging; congestion and emissions management; location based applications; telematics and improved driver services; vehicle detection and safety systems.

Schedule

Sessions will run 11:00 AM – 1:00 PM US Eastern Time

Thursday, June 25	Opportunity and problem definition for RUC <ul style="list-style-type: none">• Course introduction• Road funding principles & practices• Road funding in the age of declining revenue sources
Friday, June 26	RUC policy parameters <ul style="list-style-type: none">• Heavy goods vehicles• Critical choices for the policy design• Charging in practice: urban road pricing applications
Monday, June 29	RUC system parameters <ul style="list-style-type: none">• Light passenger vehicles• Critical system components• Charging in practice: meeting local, national and regional needs
Tuesday, June 30	Requirements for transition to RUC introduction <ul style="list-style-type: none">• Stakeholder engagement• Legislation: scaffolding a RUC system• Piloting, testing and evaluation

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