



Project Finance and PPPs

Online Training
Feb 28 - March 10, 2022



Online Training

16 Professional Development Hours



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Background

This online course will provide a basic overview of public-private partnerships and project finance covering both academic theory as well as a technical review of some of the basic techniques used for the delivery and management of transportation infrastructure projects. The course will integrate multiple case studies from actual transportation projects and provide examples of methods and management procedures used by agencies, financial institutions, and infrastructure companies delivering projects via the project finance technique. Delegates will also explore project financial modeling and the inputs and risk associated with such models. The course leans toward the public or owner view although all stakeholder perspectives are incorporated into the course material. The course is ideal for delegates that are new to project finance and PPPs.

Why Online?

- 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 between with instructors
- Interactive group projects and case studies
- Receive IRF Certification

Format

The Lectures will be taught over a 2 week period with live 2-hour online sessions held Monday through Thursday of each week. Upon completion of the training program, the IRF will administer an online knowledge test. IRF will work with each individual participant to ensure they pass the examination.

Learning Objectives

- ✓ Develop an understanding of PPPs and project finance theory and their application
- ✓ Gain insights into the infrastructure investment markets and how they can provide capital and financial services to support transportation programs
- ✓ Understand how PPPs and project finance are evaluated during project development
- ✓ Learn from case studies and examples of how PPPs and project finance are used from around the world
- ✓ Develop techniques in how to prepare basic financial models for capital projects
- ✓ Understand how to assess project financial models for risk and management considerations

Schedule

Course Schedule *all sessions scheduled 8:00 – 10:00 AM US EST / 13:00 0M – 15:00 PM GMT*

Session 1 Monday, Feb 28	<ul style="list-style-type: none">• Course introduction• Project Finance theory• Overview of the PPP and Project Finance marketplace• Case studies
Session 2 Tuesday, March 1	<ul style="list-style-type: none">• Basic structure of a PPP contract• Working with Contractors and Concessionaires on PPPs• Banking perspectives with PPPs and project finance• Introduction to the Infrastructure Investment markets
Session 3 Wednesday, March 2	<ul style="list-style-type: none">• PPP framework and policy considerations• Project development using PPPs and project finance• Legal considerations for PPPs• Group exercise
Session 4 Thursday, March 3	<ul style="list-style-type: none">• Project cash flow• Cost-estimating and revenue forecasting• Case study
Session 5 Monday, March 7	<ul style="list-style-type: none">• Introductions to financial models• Key financial metrics and analysis used in PPPs and project finance• Case study
Session 6 Tuesday, March 8	<ul style="list-style-type: none">• Risk management• Project assessment and selection• Group exercise
Session 7 Wednesday, March 9	<ul style="list-style-type: none">• PPP Units• PPP Project Management and Quality Assurance• Procurement management for PPP projects• Case study
Session 8 Thursday, March 10	<ul style="list-style-type: none">• Special topics• Case Study• Group Exercise

Instructor

Eric Dean Cook, Senior Advisor, International Road Federation



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. He holds a BS Civil Engineering from Virginia Tech, MBA from the University of Manchester, and a MS Finance from Indiana University.

Registration

- 1,400 USD IRF Members or Groups of 3 or more
- 1,700 USD Non IRF Members
- 1,000 USD IFIs, SARF, Canadian/ US State DOTs & City Officials

Registration: <https://www.irf.global/event/pf-ppp22-online-training>

For any support, please contact melabyad@irf.global

System Requirements

Computer Requirements

Operating System

Windows 7 - Windows 10, Mac OS X 10.9 (Mavericks), macOS Catalina (10.15), Linux, Google Chrome OS, Android OS 5 (Lollipop) - Android 9 (Pie), iOS 10 - iOS 12, Windows Phone 8+, Windows 8RT+

Web browser

Google Chrome (most recent 2 versions)

Mozilla Firefox (most recent 2 versions)

Internet Explorer v11 (with Adobe Flash if running Windows 7)

Apple Safari (most recent 2 versions)

Microsoft Edge (most recent 2 versions)

Internet connection

1 Mbps or better (broadband recommended)

Hardware

2GB of RAM (minimum), 4GB or more of RAM (recommended)

Microphone and speakers (USB headset recommended)

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