

ROAD ASSET MANAGEMENT

 **Dates and duration to be agreed upon**

 **Location to be agreed**

Please contact us for a personalised quote



OBJECTIVES

- Master the various methods of asset management.
- Be able to define asset management indicators and implement them using a monitoring dashboard.
- Master the fundamentals of road database management.



THE BENEFITS OF YOUR TRAINING

- This training course will be organised around practical operational case studies tailored to your professional situations.



TARGET AUDIENCE

- Project management;
- Road engineers
- Project managers



GOOD TO KNOW

It will be essential to gather information about participants' needs in advance in order to tailor the training content to their expectations and the types of projects they manage.

A visit to a motorway operator in France or elsewhere in Europe can be organised to exchange experiences with professionals in the sector.



EDUCATIONAL PROGRAMME

Module 1

Definition and concepts of infrastructure project asset management

Categories of infrastructure
Challenges of infrastructure maintenance
Economic aspects
Sustainable development issues
Life cycle of infrastructure
Performance indicators
Elements of the management system and basic definitions
Systems methodology
Performance objectives and planning

Module 2

Road infrastructure asset management framework

Components of an infrastructure asset management system (project level and network level)
Life cycle management and analysis
Development and evolution of infrastructure management systems
Development of integrated asset management systems
Benefits of management systems

Module 3

Road database management

Required data classes
Objectivity and reliability of surveys
Levels of detail in data according to requirements
Types of databases
Database management issues and models
Advantages of integrated management of different database systems
Geographic information systems
Collection and processing of inventory data



Prerequisites : Have held or currently hold a position related to the training topic