Forhom

Formation INTRA
>Infrastructure

NEW

# THE FUNDAMENTALS OF A RAILWAY PROJECT

**Dates and duration to be agreed upon**

***Location to be agreed***

Please contact us for a personalised quote

## OBJECTIVES

A rail project comprises several different technical fields: civil engineering (tunnels & bridges, earthworks, etc.), but also all the systems and equipment (tracks, overhead contact lines, power supply, telecommunications, stations associated with the project, maintenance centres, signalling systems, etc.). Safety is critical, and it structures the entire project. On completion of this course, participants will: • Possess the key skills required to contribute actively to a rail project: an understanding of the context, and general technical and organisational knowledge • Understand the interfaces between the different systems involved in a rail project • Have general knowledge of rail systems as a whole • Understand all the systems constituting a rail project, as well as the related safety aspects

## THE BENEFITS OF YOUR TRAINING

- Training given by Egis experts working on numerous railway project management projects.

## TARGET AUDIENCE

Anyone wishing to learn about the fundamentals of a tramway project

## GOOD TO KNOW

- The course is based on an interactive approach combining theoretical input, case studies and workshops.
- Based on the sharing of experience, the training can be delivered face-to-face, online or blended.
- Some courses can be combined with on-site visits.

## EDUCATIONAL PROGRAMME

### The fundamentals of a railway project

• Presentation of the players involved in a rail project • General principles of rail safety • Rolling stock • Track/bridge/tunnel infrastructure • Signalling – telecommunications • Level crossings • Fixed electric traction installations • Protection against rail risks • Specification systems applicable to the rail sector – documentation • Rail regulations (frames of reference, standards, etc.)

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