



CONSULTANT

ENRIQUE BARRIUSO

SKILLS

- Autodesk Certified Trainer
- Autodesk Civil 3D certified
- Road Design
- Drainage
- Content Creation
- Application Customisation

KEY ORGANISATIONS

- AECOM
- Capita
- Mott MacDonald
- Buro Happold
- Heathrow Airport Ltd
- Waterman
- Severn Trent Water

ABOUT

Enrique is a Civil Engineer with 15+ years' post graduate experience. He graduated with a Master in Civil Engineering, which covers a wide variety of subjects in the fields of transport, structural analysis, geotechnical design, coastal, water and environmental engineering. He is also a member of the Spanish Institution of Civil Engineers.

Before joining Symetri, Enrique had been working as a Design Engineer on several projects, including highways, dams and large-scale construction projects. Some examples are the Chavimochic Special Project (a 200+ kilometre open channel), the Gemasolar Thermosolar Power Plant (a 110 GWh per year development) and the Bilbao Southern Bypass (a 36 Km motorway).

Enrique has successfully delivered courses in Civil 3D, InfoDrainage, Dynamo, Infracore, Vehicle Tracking, ACC/BIM 360, Navisworks, Synchro, AutoCAD, and Sketchup. He also manages and provides training in Knowledge Smart, an online skills assessment tool to identify skill gaps and potential training opportunities.

He has also provided consultancy services to clients, including the creation of Civil 3D templates and custom routines, Infracore models and presentations, and custom vehicles in Vehicle Tracking.



During the design process, being able to leverage the full potential of the software is a key skill that is often underestimated. It can dramatically increase productivity by automating repetitive tasks, minimising error, avoiding rework, and facilitating changes in the design.