SYMETRI
PART OF ADDNODE GROUP

PRINCIPAL CONSULTANT

DAVE BOSWORTH

SKILLS

- Autodesk Revit
- Autodesk Civil 3D
- Autodesk AutoCAD
- Rhinoceros
- Python
- Dynamo
- Naviate

KEY ORGANISATIONS

- Mott MacDonald
- EDF Energy
- Capita
- Pick Everard
- Severn Trent Water
- WSP

ABOUT

Coming from a background as a Civil Engineering Surveyor, Dave worked for many years on construction projects across the UK where he gained unique experience in the use of design technology in both infrastructure engineering and GIS/mapping.

A firm believer in the concept of intelligent design models, Dave has experienced at first hand the difficulties caused by the inability of design teams to react quickly to last minute changes in specifications. He now uses this knowledge to help clients develop processes and strategies that can minimise the risks inherent in many construction projects.

Using a proven methodical approach to analyse current work processes, Dave is able to both understand and help solve the complex issues faced by many multi-disciplinary engineering consultancies which need to adopt more efficient methods of working. By devising phased and structured transition plans, he enables clients to move confidently from inefficient working methods to the successful adoption of the latest information modelling technologies.

Most of today's construction projects involve the interaction between several disciplines, and the smooth passage of data between different design technologies can be one of the most difficult obstacles to overcome. With application programming skills and an understanding of different design technologies and the available methods of transferring and using data, Dave can advise on and develop effective ways of achieving inter-discipline collaboration.

With the growing requirement for BIM delivery in infrastructure projects, Dave has helped many clients develop their BIM knowledge and skills, and has developed applications to enable the efficient delivery of asset data from design models.

> *BIM for Infrastructure brings significant challenges with the adoption of new working practices and establishing methods and processes for the transfer of data between different design technologies across the various disciplines.*