

Bioenergy Infrastructure Group are developing one of the UK's largest portfolios of biomass and waste-to-energy facilities.

BIG's aim is to establish one of the UK's largest portfolios of biomass and waste-to-energy facilities, which will have the potential to divert over 1 million tonnes of waste each year from landfill and deliver vital additional electricity capacity to the national grid. Therefore, assisting in reducing the UK's carbon footprint while helping to meet the electricity demand from industry and households across the country.

THE CHALLENGE

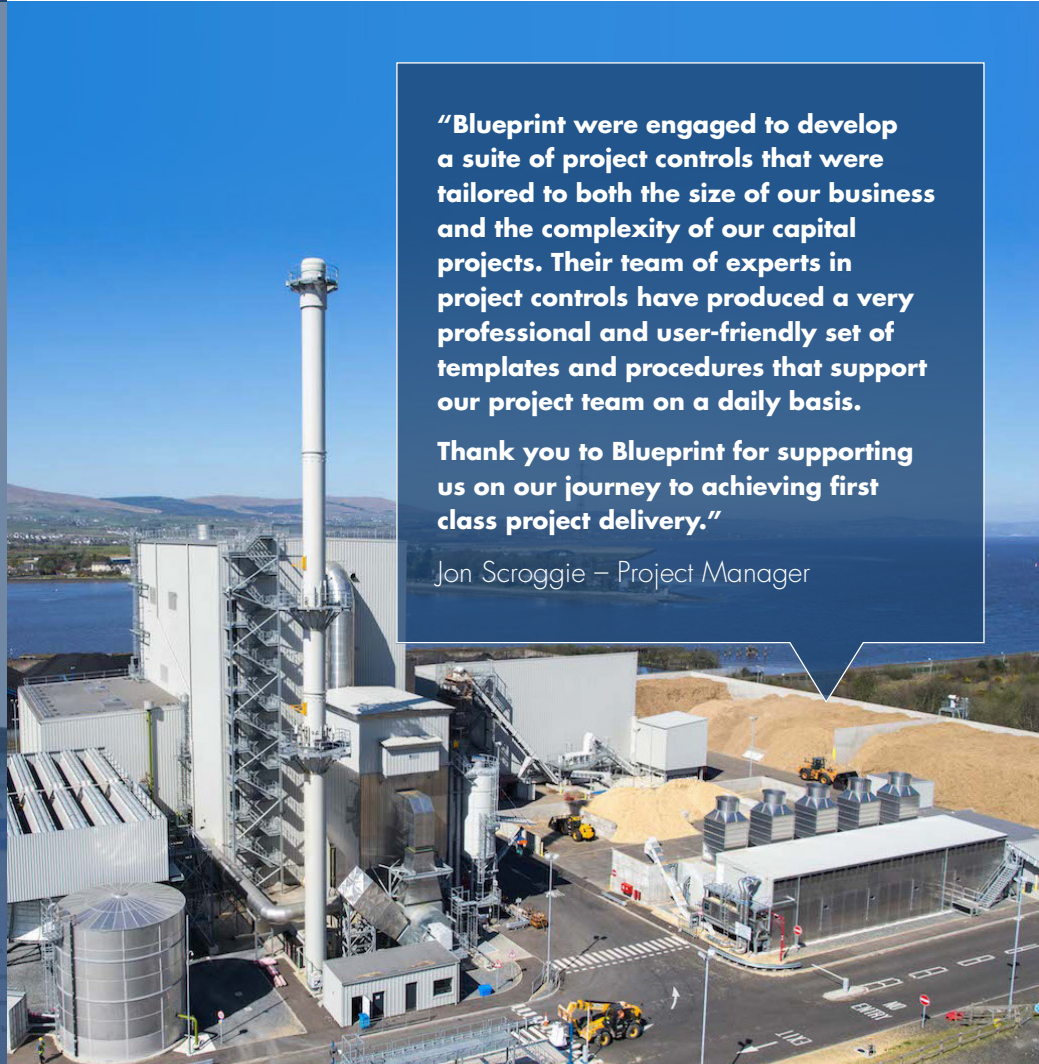
Blueprint Project Solutions were approached to support BIG across two of their sites, Energy Works Hull and Ince Bio Power to strengthen project controls activities across: . Blueprint aimed to strengthen Project controls activities.

- Inconsistent application of project controls processes and procedures
- Limited project and portfolio reporting
- Inconsistent use of project controls tools
- Limited requirements for suppliers to undertake project controls activities in the course of the works
- Poor resource management across multiple projects

"Blueprint were engaged to develop a suite of project controls that were tailored to both the size of our business and the complexity of our capital projects. Their team of experts in project controls have produced a very professional and user-friendly set of templates and procedures that support our project team on a daily basis.

Thank you to Blueprint for supporting us on our journey to achieving first class project delivery."

Jon Scroggie – Project Manager





THE SOLUTION

Blueprint mobilised quickly to conduct a project maturity assessment and developed a report recommending various improvement activities. Working alongside the BIG team, Blueprint developed recommendations which included:

- **Development and implementation of new project controls procedures including Planning and Scheduling, Estimating and Quantitative Schedule Risk Analysis (QSRA)**
- **Review and amendments to the BIG Way of project implementation**
- **Implementation of a Portfolio Plan showing Capital Expenditure forecasts over the coming years**
- **Development of a Project Managers Workbook including a project dashboard detailing cost control and risk management activities**
- **Development of supplier project controls requirements to be added to relevant contracts**
- **Rollout of documentation and training to the BIG team**

Blueprint provided a team to implement the solution using expertise across multiple key functions at short notice with tight timeframe and budget constraints. Blueprint made use of our Blueprint Way where we tailored our best practice templates to give a fit for purpose suite of portfolio and project management tools.

THE RESULT

Through the implementation of the above identified improvement activities, some key organisational benefits were realised as follows:

- **Project approval processes are streamlined and consistent with clear requirements**
- **Project Controls governance is in place to drive consistent use of project controls best practice**
- **Compliance with suppliers project controls requirements help BIG control their projects**
- **Project teams understanding the new ways of working and have dedicated Project Controls Experts within the Blueprint team to help drive best practice.**