

## Project:DataTrust

A Project Data Trust brings together data from across the industry, collaboratively and securely. Its purpose is to reform how projects are managed and provide the confidence to deliver them successfully.

### Our Vision

As projects progress through their lifecycle, they create a wealth of data that becomes a by-product of delivery. By securely pooling, connecting data, and applying advanced data analytics / AI, we can analyse data to develop insights and recommendations, tailored to the phase and specific circumstances of the project. From the forensic analysis of lessons learned, analysing the schedule to assess which elements are most likely to be delayed, analysing quality incidents, compensation events or understanding how risk is likely to emerge, we can predict when projects may go astray and intervene early. We increase the level of rigour and challenge optimism bias through hard evidence.

By reducing the cost and increasing the certainty of projects, we have the opportunity to improve their economic viability and ultimately, enhance productivity and shareholder value. If all construction projects pool data we have the opportunity to turbocharge innovation, improve decision making and deliver transformational change across the sector. We can do this within the framework of a data trust, building on the work of the Open Data Institute and Office for AI.

### What is a Data Trust?

- A Data Trust is a legal structure that helps organisations to securely pool their data to address challenges that would otherwise have been out of reach.
- It enables interested parties to apply advanced analytics and AI to the data and drive transformational change across the industry.
- It is managed by a data steward and governed by trustees who specify how their data is used. They retain control over their data, including the right of veto.

### Is my data secure?

The data steward combines ISO27001 accreditation with graph database technology to ensure that data is appropriately controlled. Data security is at the forefront of every decision. It can be segmented, permissioned and anonymised at every level. The architecture will be accredited by trustees prior to full implementation.

### Why should I get involved?



Project delivery is a late adopter of advanced data analytics and AI. Although small improvements can be realised when working in silos, the transformational value resides in our ability to analyse data at scale. Only by working together can we create the critical mass required to drive innovation.

- Projecting Success have been working with the [Oil and Gas Authority](#) (the UK regulator of the North Sea) and the [Oil and Gas Technology Centre](#) to develop a data trust to allow organisations to securely pool data.
- We have agreement from the board at [Sir Robert McAlpine](#) to replicate this within construction. Their CEO has invited 15 other organisations to collaborate to deliver this vision.

Data providers from across the industry will pool data for the benefit of the sector, the profession and society. Noting the sensitivity of some of this data, the trust can never be open source.

We welcome broad engagement from those who wish to apply to access data for defined purposes; innovators, academia, SMEs and anyone else who can bring insights and help deliver the vision. Access will be considered on a case by case basis.

**For further information, please visit [www.datatrust.construction](http://www.datatrust.construction)**