

Sustainability through Standardisation.

A business case for sustainability, a business case for collaboration

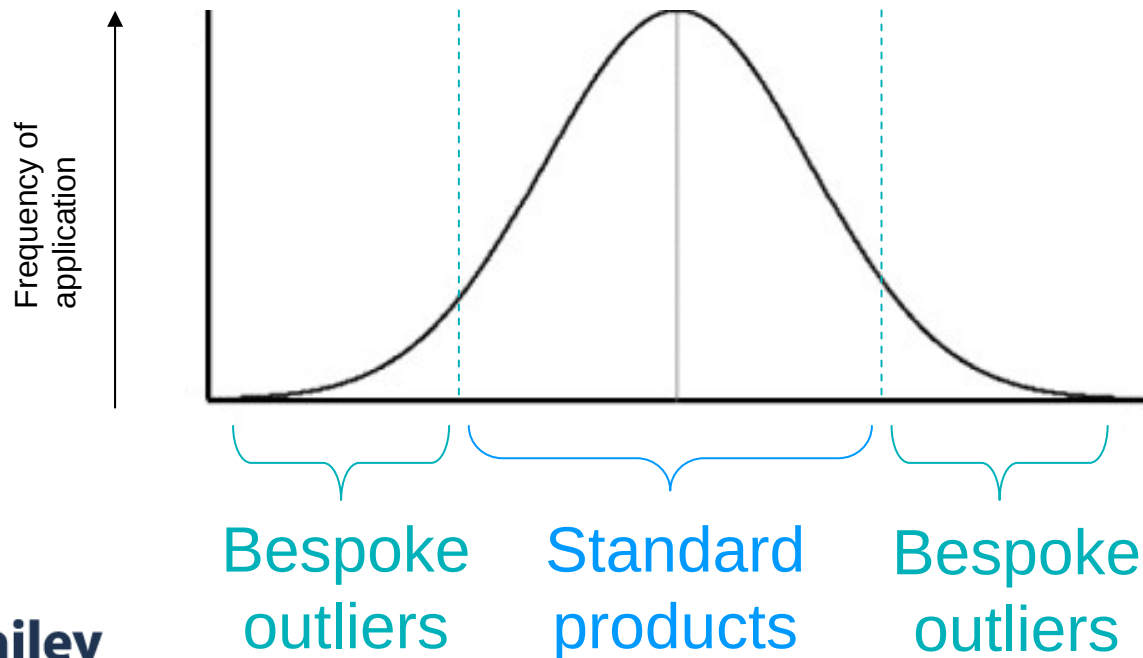


Mark Enzer, Anglian Water

Paul Jackson, NG Bailey

The business case...

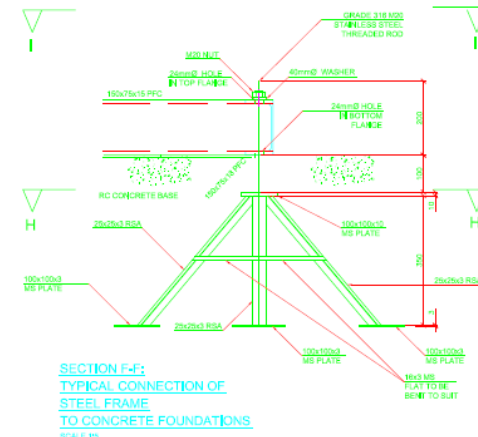
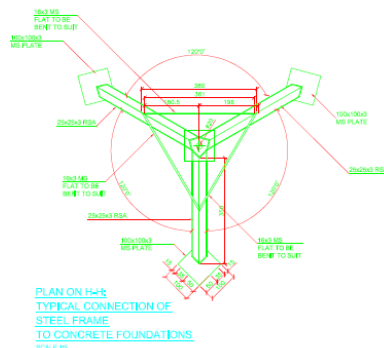
- Anglian needs efficiency and can use sustainability to drive this
 - It's about giving value back to customers



NG Bailey

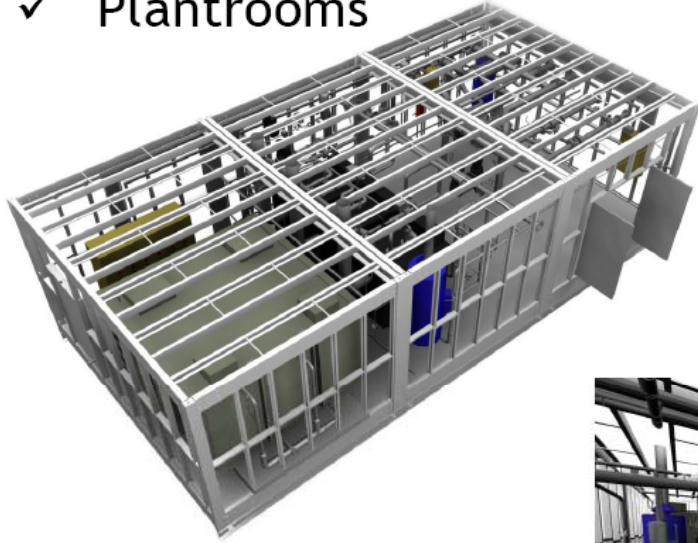
The business case ...

- We build standard products many times, suitable for offsite manufacture
- Met with Buildoffsite
- Introduced to NG Bailey
- Identified Booster Pump Station
- Engineered from pump station to concrete



Offsite manufacture

✓ Plantrooms



NG Bailey

anglianwater







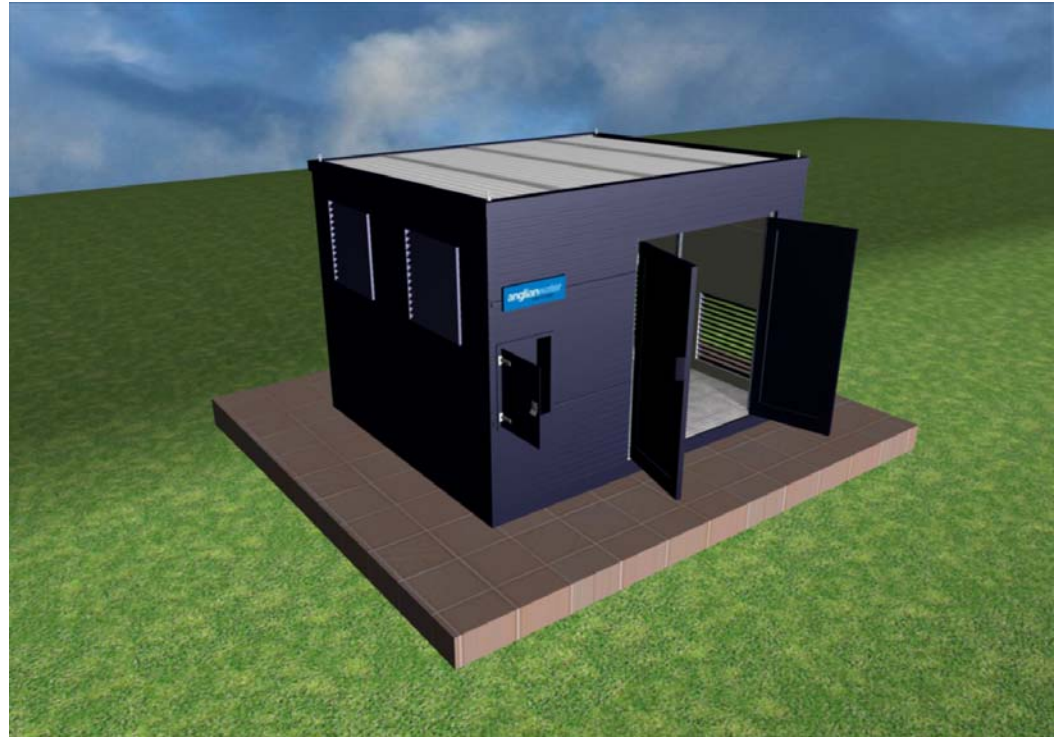








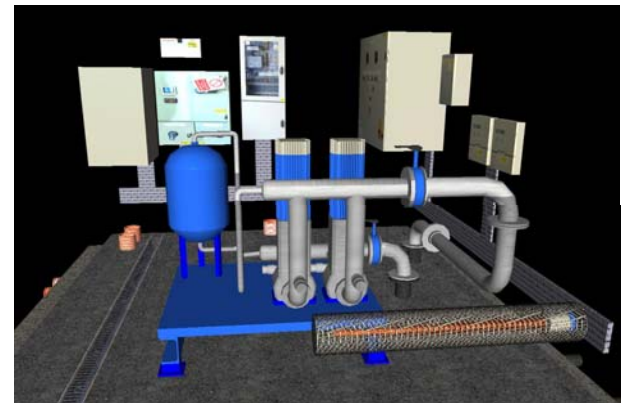
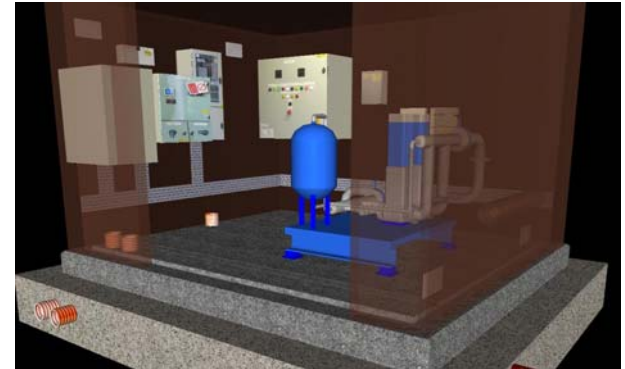
Social benefits



- Reduced impact from construction on residents
- Reduced noise for local residents
- Better working conditions in factory
- Better health & safety in factory

Economic benefits – DG2 core costs

Traditional Alliance Delivery (Colkirk data)	100%
Local Operational Delivery (Hinchbrook data)	90%
Product Delivery I (Wootton data)	76%
Product Delivery II (Ongoing price from Bailey Offsite)	66%

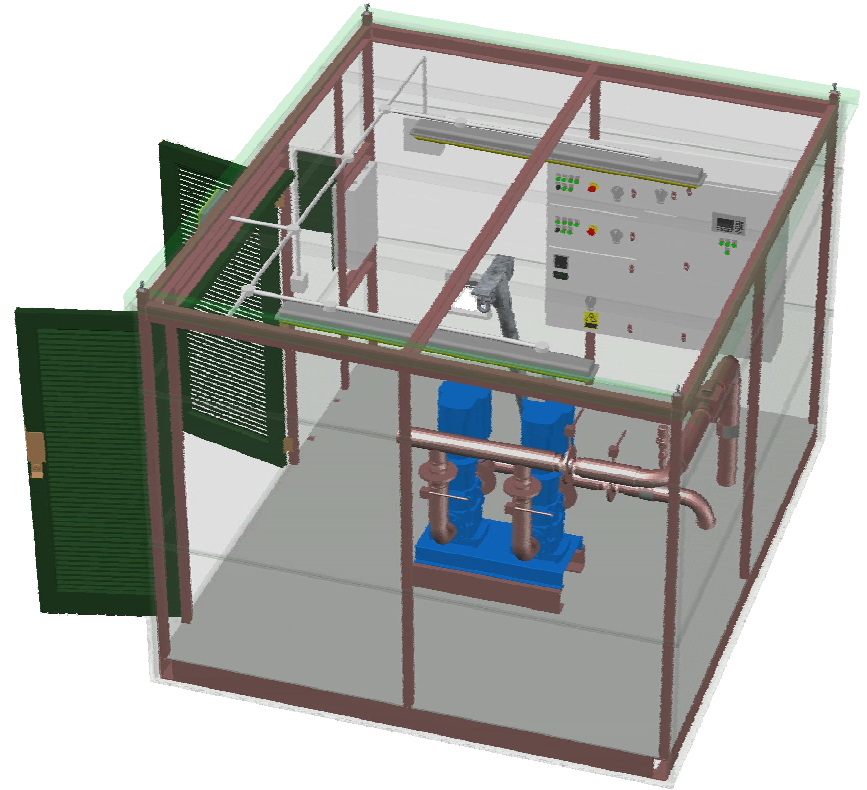


Economic benefits



- Faster construction programme
- 2 days erection on site vs 5 weeks
- Guaranteed consistent quality of product
- Better thermal properties – reduced winter heating
- Reduced maintenance costs (design for manufacture)

Environmental benefits



- Reduced traffic movements to/from site
- Reduced materials wastage during construction
- Reduced carbon footprint



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