



KEMSLEY MILL

CLIENT: DS SMITH
G2G: DECEMBER 2018

PROJECT OVERVIEW

KEY CHALLENGES

Changes to SGN's design assurance process led to several challenges and delays during design documentation and NRO sign off. Even though design Part C's had been achieved ahead of schedule, differing internal SGN opinions of commissioning methodology resulted in the G2G NRO's needing over 12 iterations before final sign off.



The first BtG at the UK's largest paper mill, DS Smith's Kemsley site produces biogas from starch, a by-product of the paper making process. CSL led the design and integration of the site which now exports 1080scmh of biomethane to the SGN IP grid via a 125m 180mm PE export pipeline.



CSL DESIGN SCOPE

- Integration of Greenlane Water wash BUU with Elster GEU and Uniflare flares.
- Mechanical pipework & condensate system installation
- Provided air compressors LVDB, and all electrical and communications cabling.
- Export pipeline to IP main

CSL PM SCOPE

- Over site comms integration
- Programme Management
- SGN tracker management inc GL5/PS6
- HAZOP and DSEAR
- G2G commissioning management
- E2E and G2G NRO production