

Smart SLG

Trial

PROJECT SUMMARY:

INDUSTRY PARTNER(S): Northern Gas Networks

INNOVATOR: 1Spatial

CHALLENGE: Street work excavations require careful planning and traffic management plans which must be approved by local authorities. This process is resource-intensive and expensive, and often causes disruption to local residents.

APPROACH: NGN approached EIC looking for a solution and a call was launched.

OUTPUTS: 1Spatial developed the Smart SLG (signing, lighting, guarding) solution which uses geospatial technology, harnessing local data to create traffic management plans that are compliant with 'Safety at street works and road works' and chapter 8 of 'Traffic Signs Manual'. The plans generated support stakeholder engagement whilst also creating a map and inventory to be used for planning and on site.



IMPACT:

TRANSFORMATIONAL



KEY BENEFIT:

FINANCIAL

Automation means that NGN can create effective traffic management plans more efficiently, saving time and money



ADDITIONAL BENEFITS:

SOCIETAL

The tool allows NGN to be more customer-focused using localised data to easily identify potential impact on customers



REPUTATIONAL

The tool will improve stakeholder relations by reducing disruption and impact on customers

EIC

Collaborate to innovate