

EIP003

Can we streamline wayleave renewals?

Problem Statement Details

Our wayleaves plans and drawings are often kept on file in paper form or have also been scanned and are kept in digital format. While this means that in the event of dispute or other problem, we have the evidence we need to resolve them, it means that the richer data they contain cannot be readily accessed by operational or investment planning teams.

We are looking for a way to release all the data contained in the wayleaves – such as landowner, location, expiry date and any conditions attached to the wayleave – to improve the efficiency of our operations. This will need to be aligned with our existing systems such as GIS, Asset Management and Network Management systems. This will allow the data to be accessed by a number of operational teams. It will also allow for better communication with landowners when assets need to be replaced or refurbished, it will allow any gaps in consents to be identified, and it will allow for a more streamlined approach to wayleave renewal.

Key Stakeholders

DNOs, landowners and agents.

Target Market

This approach will be able to be adopted for all DNOs/ licensees, and will take in all wayleaves held in Great Britain.

Enablers and Constraints

No enablers or constraints have been identified – GDPR/Privacy Issues may be a challenge.

Scalability and Target Implementation Date

This innovative approach can be applied to all DNOs. There is no required implementation date but the sooner it can be implemented the sooner benefits will be accrued.

Innovation Strategy Target Areas

Innovation Theme	Target Area	Primary or Secondary
Data and Digitalisation	<p>The shift to data-driven, digitally-enabled networks is critical as we move towards Net Zero.</p> <p>We need your help to drive standardisation, interoperability, security and digital skills whilst accelerating our transformation to data-driven networks by the mid 2030s.</p>	Primary

Flexibility and Market Evolution	Energy networks must quickly and efficiently respond to the rapidly evolving needs of the energy system transition. We need your support to eliminate barriers to new market entrants, deploy novel commercial and network management solutions whilst ensuring fair participation and eliminating regulatory barriers within the RII0-2 price control periods.	Not applicable
Net zero and the energy system transition	In order to meet the UK net zero targets of 2050 we must start converting our networks to deliver low carbon fuels today. We want to work with you to develop the role of our gas networks into the future by investigating, trialling, implementing and delivering safe, low carbon alternatives to natural gas such as Hydrogen.	Not applicable
	Net Zero requires connection of more low and zero carbon sources of energy generation, storage and demand to both the transmission and distribution networks. We need your innovative methods for effective network management and accessing flexibility to improve visibility, forecasting and modelling of low carbon technologies.	
Optimised assets and practices	Innovation has a key role to play in ensuring our networks continue to remain reliable, safe, secure and resilient to our changing climate. We are constantly looking to improve and welcome support to identify methods to prevent interruptions, ensure resilience, reduce climate impact and future-proof our networks.	Secondary
Supporting Consumers in Vulnerable Situations	Equality and fairness are the foundations of a just transition to Net Zero. We hope you can provide insight into the transient and situational nature of vulnerability and how we can overcome the impact the energy system has on consumers, building strong relationships for the future.	Not applicable
Whole Energy System Transition	The energy system must consider the full range of opportunities, risks and interdependencies that exist across the energy networks to integrate and optimise them in a way that best serves the consumer. We are looking for ways to improve visibility of the networks and transitional options, co-ordinate approaches and collaborate across the UK.	Not applicable