

Wireless communications for utility networks

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Background

EVIDENCE gathering exercise following Ofcom UHF and FWSS reviews

ENGAGEMENT with stakeholders to understand communications needs

INTERNAL REPORT on findings and recommendations

PROJECT set out in 3 phases to consider communications requirements for Electricity, Water and Gas utilities

Next Steps – developing a spectrum strategy for utility networks

Phase 1 Analysis (Technical and Policy)	Phase 2 Policy Options	Phase 3 Consultation + Statement
<p>Includes:</p> <ul style="list-style-type: none"> • Capacity (bandwidth) requirements • International developments (harmonisation) • Explore wired vs wireless, Existing spectrum solutions, 5G, verticals, private LTE • Authorisation options • External studies 	<p>Dependent on the outcome of Phase 1 - If spectrum is needed the policy options would need to consider:</p> <ul style="list-style-type: none"> • the properties of the requirement • In band/ adjacent band compatibility • Cost Benefit Analysis/Impact assessments 	<p>Proposals for consultation based on Phase 2 outcome</p>

Engagement with Stakeholders, Regulators, Government

Next steps – How you can help us

- FURTHER ENGAGEMENT
 - From October 2019, The Ofcom team will make contact with stakeholders that wish to contribute to this work. Please contact us if we haven't contacted you – mrinal.patel@ofcom.org.uk
 - Engagement via the ENA