

World-class Telecoms for Future Networks

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Need for collaboration: role of techUK and UK Spectrum Policy Forum

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Maximising spectrum benefits

- Spectrum for new services (eg. 5G)
- Protecting incumbent services
- PSSR
- Spectrum above 60 GHz

- Future spectrum access mechanisms
 - Future flexible licensing mechanisms



Good to Great Connectivity

- Enabling '5G'
- Broadband and universality
- Transport corridors:
 - Gigabit trains
 - Road networks

- Connectivity for utility networks

Fit 4 purpose connectivity for utility networks in the 2020s

- Government policy, carbon emission obligations, emerging applications
- Rise of the smart, active, distributed grid
- Fit for purpose connectivity is a must
- This requires collaboration between
 - Utilities: need to be more aware and active on importance of connectivity
 - Telecoms sector: need to be better at explaining future shape of telecoms networks for utilities
 - Government: need for joining up between Government Departments and regulators