

UK Government priorities for Release 19

Simon Hicks / Andrew Howell / Jasper Pandza

Department for Science, Innovation & Technology
(DSIT)



Supported Rel-19 work items for Stage 2

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| 1 | DualSteer, Upper layer traffic steering, switching and splitting over dual 3GPP access |
| 2 | 5GSAT_Ph3, Satellite access - Phase 3 |
| 3 | EnergyServ, Energy Efficiency as Service Criteria |
| 4 | FRMCS_Phase5, FRMCS Phase 5 |
| 5 | Metaverse, Mobile Metaverse Services |
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Overall UK objectives

Mobile networks should meet societal needs, by providing good connectivity for all and realising the full potential for 5G.

We support industry-led technical standards development, following WTO principles.

The objectives in these slides apply to Rel-19 and future Releases.

References:

- UK Wireless Infrastructure Strategy
(<https://www.gov.uk/government/publications/uk-wireless-infrastructure-strategy/>)
- WTO Principles for the Development of International Standards
(https://www.wto.org/english/tratop_e/tbt_e/principles_standards_tbt_e.htm)



Improve user experience

Provide economical and efficient coverage, even in challenging geographical conditions.

Support for integration of NTN (including through Dual Steer approaches) and other access technologies.

Potential support for cell-free networks if appropriate.



Openness and interoperability

Support for multi-vendor implementations, including in the RAN.

Consider, as appropriate, work being done in other organisations, including the O-RAN Alliance.

References:

- UK 5G Supply Chain Diversification Strategy
(<https://www.gov.uk/government/publications/5g-supply-chain-diversification-strategy>)
- UK Open RAN Principles
(<https://www.gov.uk/government/publications/uk-open-ran-principles/open-ran-principles>)



Security

Ensure new features are secure and that services are resilient.

Build on existing security foundations.

Support the relevant aspects of regional regulations.

UK Government is active in SA3 and SA3 LI to help meet these goals.



Sustainability

Mobile telecoms systems need to contribute to global sustainability goals, such as the Paris Agreement and Sustainable Development Goals.

Support requirements to reduce life-cycle greenhouse gas emissions, reduce energy consumption and improve energy efficiency.



Spectrum

We seek to maximise the availability of spectrum through:

- international harmonisation;
- a range of spectrum access mechanisms;
- increased spectrum sharing; and
- innovative spectrum management policies.

3GPP standards should be flexible to support this.



Thank you