

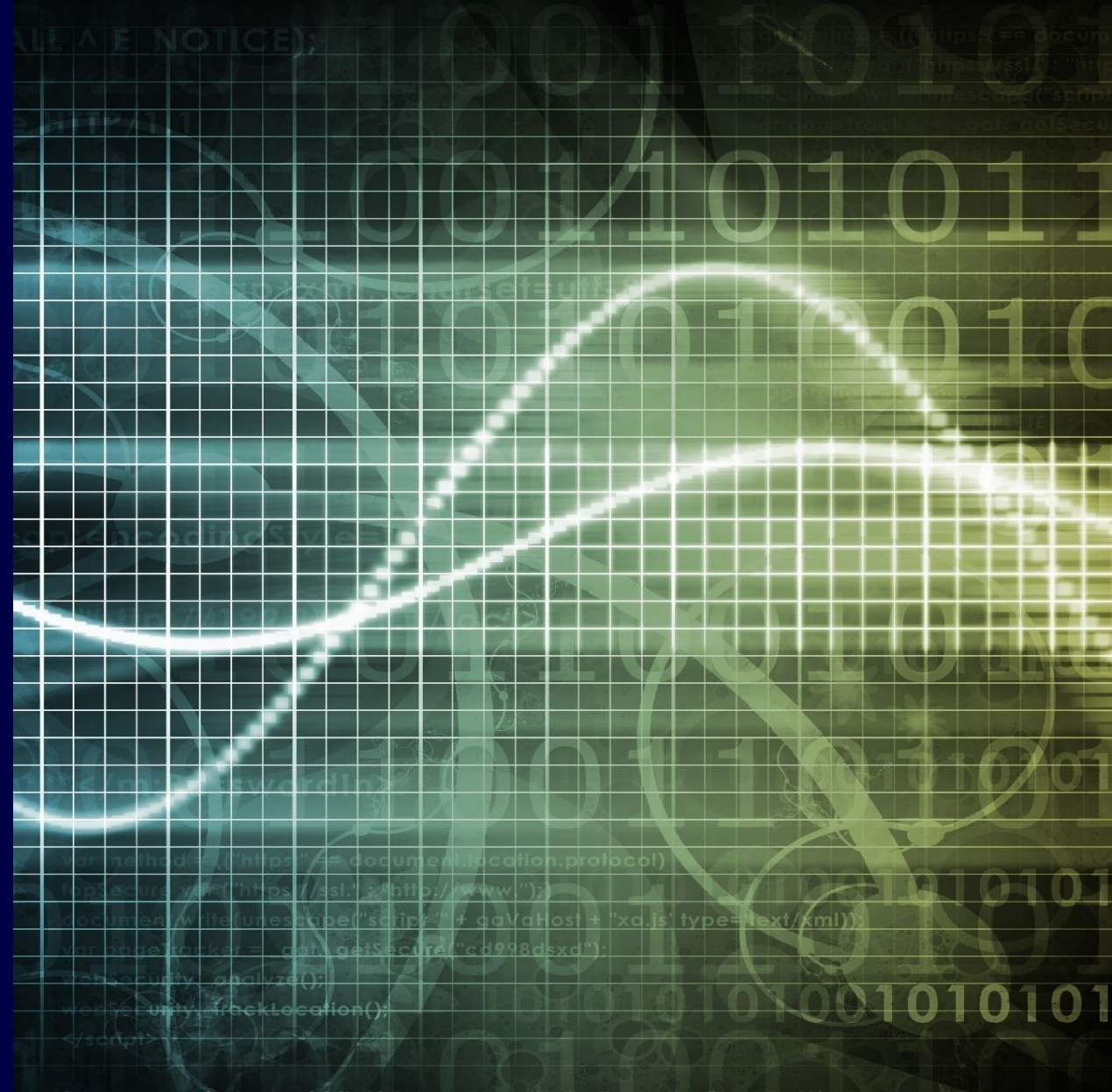


Enabling a Wireless Future in a Changing World

Chris Woolford

Director, International Spectrum Policy

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Enabling wireless services in the UK economy

OBJECTIVES



Assure stakeholder access to spectrum and mitigate harmful interference through licensing, planning, monitoring and compliance activities that enable wireless services



Identify and make available spectrum to meet evolving needs of sectors, including mobile broadband and space services



Evolve our spectrum management frameworks to support increased efficiency of use, enhance speed and flexibility of access and improve spectrum availability



Lead and influence international discussions on spectrum access while effectively representing UK interests

PRIORITIES



Spectrum management infrastructure



Mobile spectrum release, authorisations and auctions

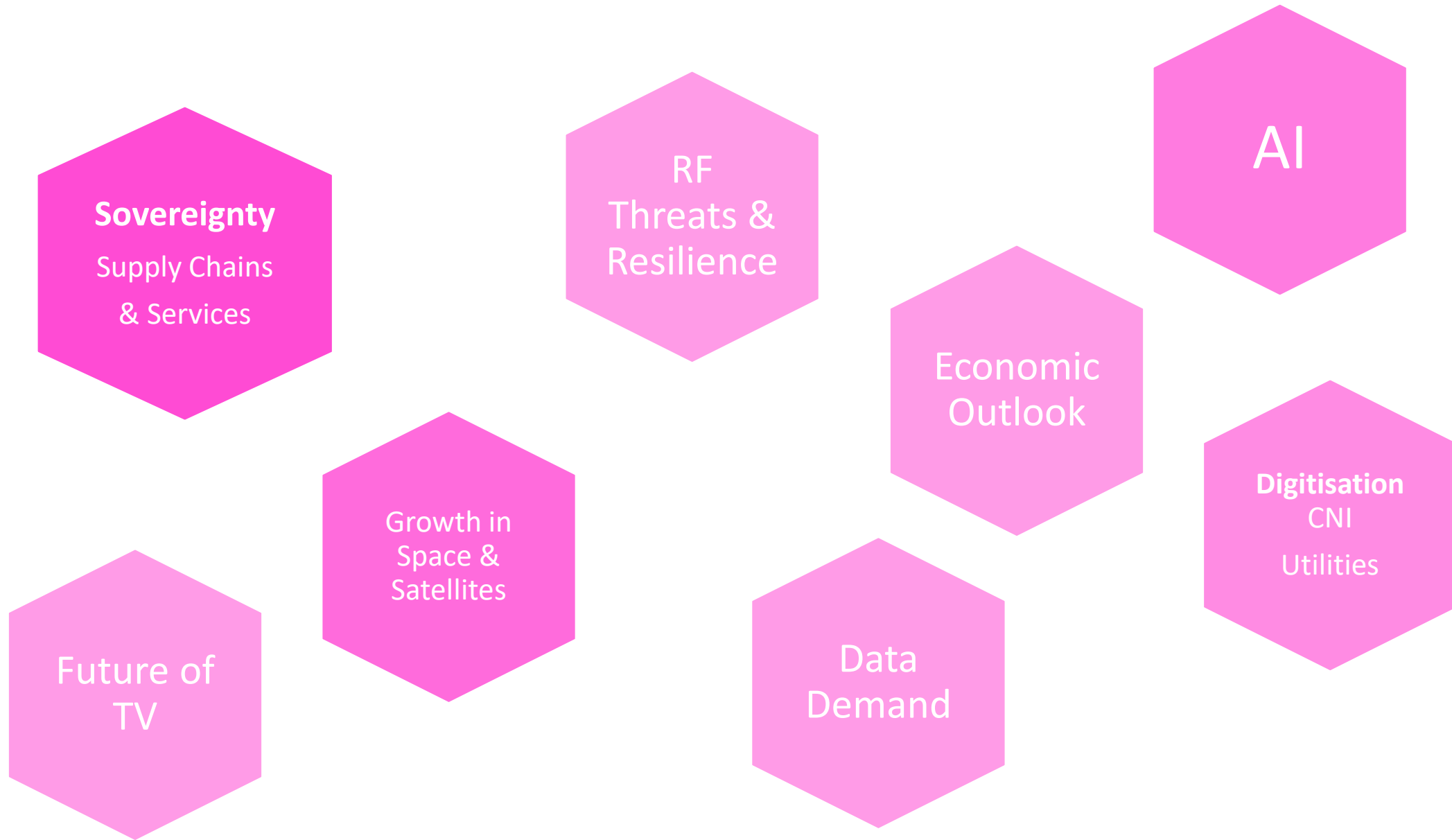


Investing in the space sector

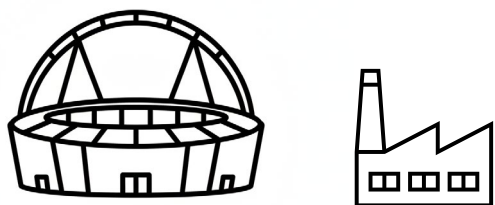


International engagement

Navigating change and uncertainty



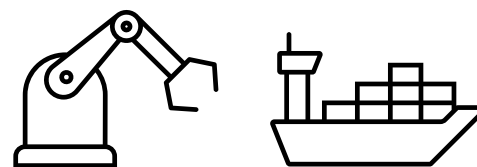
Looking back



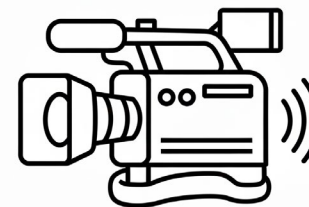
mmWave
National and Local



Consumer Information
Map Your Mobile



Shared Access
3.8-4.2 GHz harmonisation
mmWave



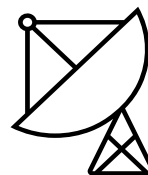
'Pop up' 5G
2.3 GHz



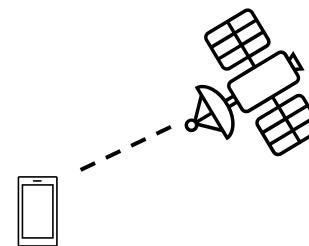
Rail Ops and Blue Light
1.9 GHz



5G Fixed Wireless Access
VodafoneThree spectrum
5.8 GHz Licence Exempt

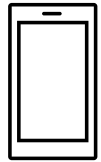


NGSO Gateways
Q/V & E



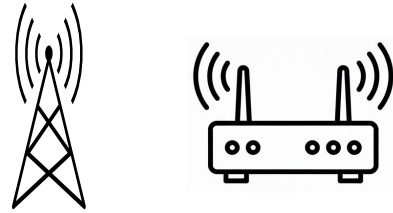
D2D – IMT
VMO2, VodafoneThree

Work in progress & looking forward

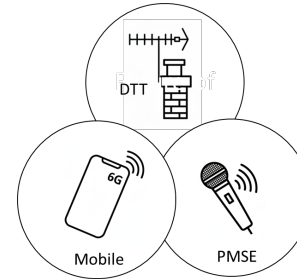


Mobile

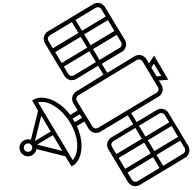
1.4 GHz Auction & ALF
Rural Spectrum Sharing



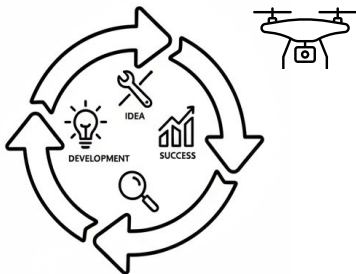
Mobile & Wi-Fi
Upper 6 GHz



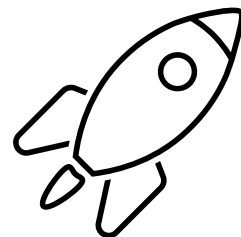
Sub 1 GHz
PMSE Review, CNI



2GHz Mobile Satellite
Licences expire May '27



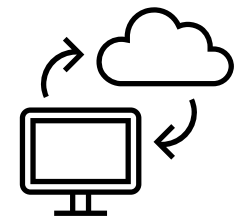
Innovation
Trial Licenses & drones



Space Launch



Spectrum Assurance
e.g. Jammers

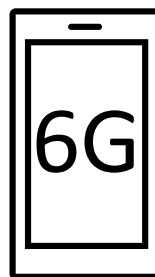


Licensing Systems
Simplification & Speed

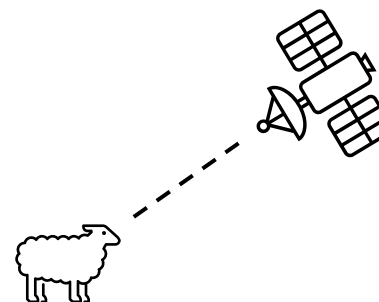
International and preparation for WRC-27



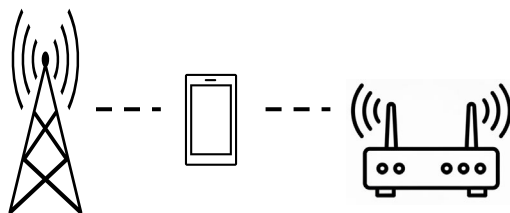
WRC-27
Shanghai



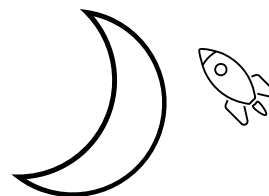
AI 1.7
4.4-4.8, 7-8, 15 GHz



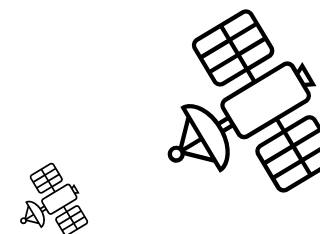
MSS allocations
Satellite IoT



Mobile <-> Wi-Fi Interop



Science services
(incl. lunar comms)



NGSO & GSO coexistence
+ many other satellite issues

Final remarks

Profile of spectrum continues to rise

- Rapid technical development
- Increasing market complexity
- More stakeholder interest
- International frameworks remain key
- Significant geopolitical interest

Ofcom is promoting an agile and flexible approach to spectrum management, supporting spectrum sharing, in a more dynamic, complex and uncertain world

