

ITUEvents

ITU in service of space

28 June 2023
Geneva, Switzerland

www.itu.int/go/ITU-R/ITU-in-Service-of-Space

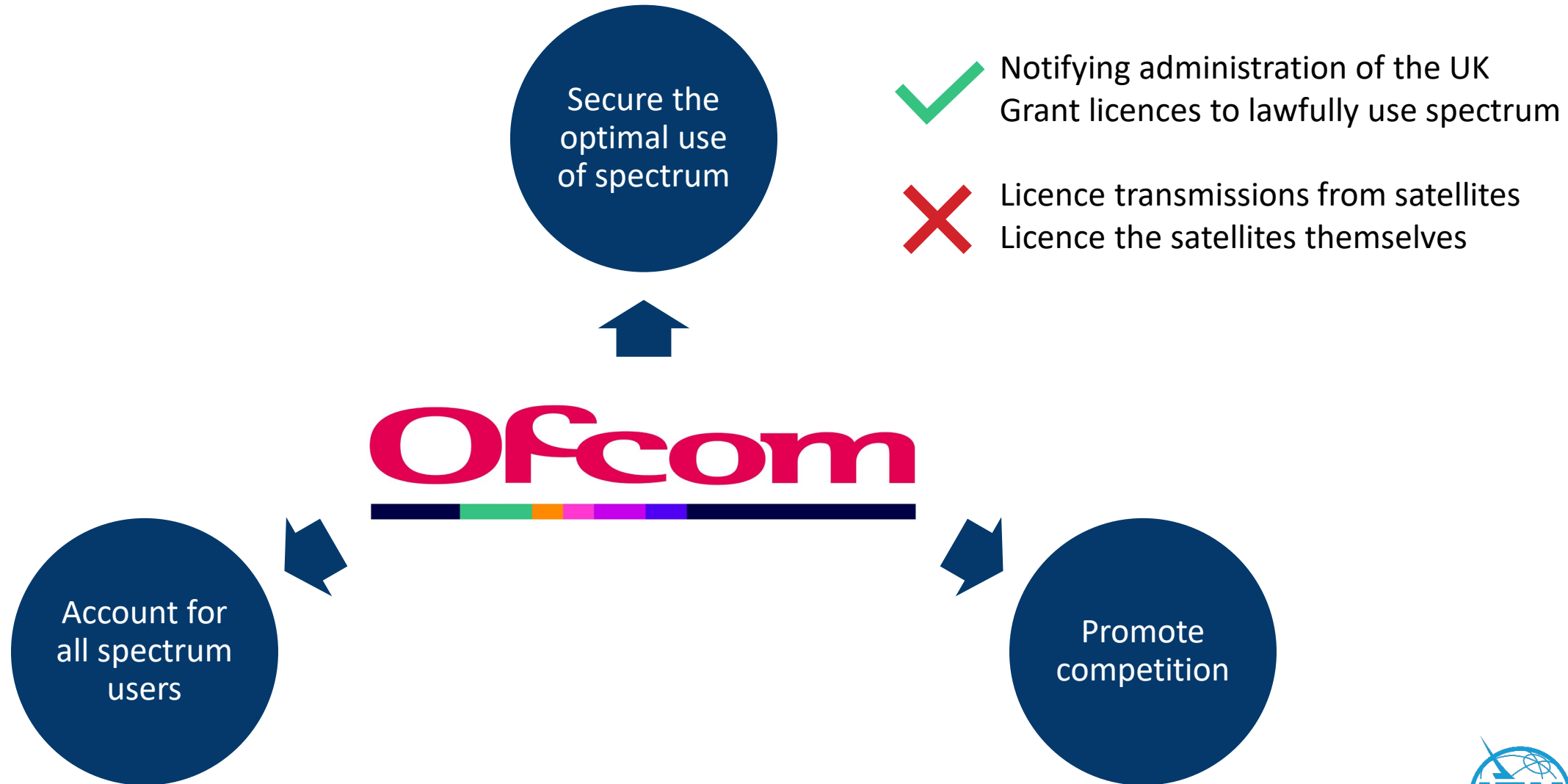


**UK national experience in
regulating the use of space
spectrum and orbits**

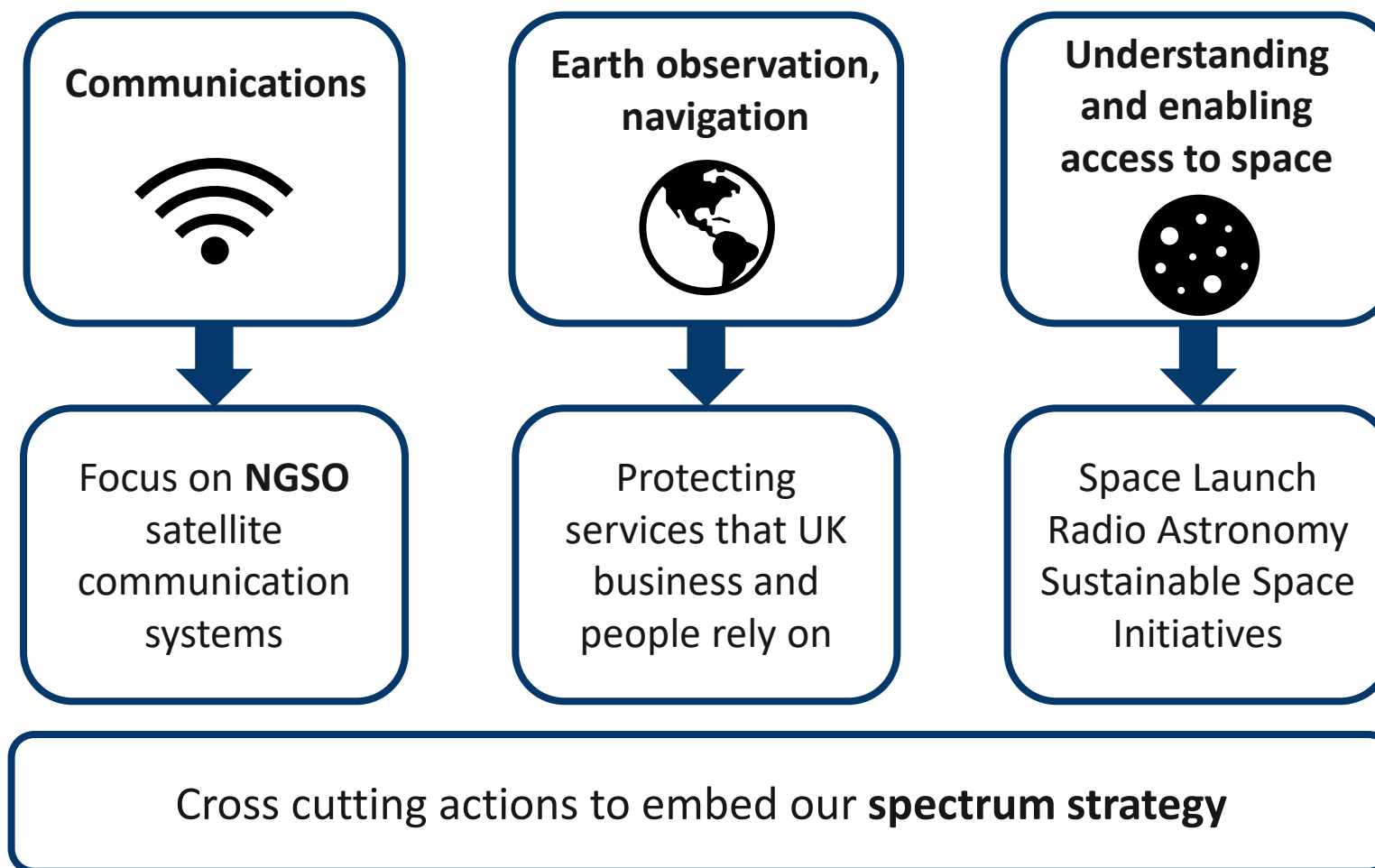
Jesús ARNAU YANEZ



Ofcom: UK's communications regulator



Space Spectrum Strategy (2022)



National experience

Updates to our non-GSO licences

- + New **licence conditions**
 - Protection of GSO satellite services
 - Protection of radio astronomy
 - Protection of fixed links

Consultation

July 2021

Statement

Dec. 2021

Consultation

May 2023

Statement

Q4 2023

- + New **application process** introducing:

- Coexistence check
- **Competition** check
- Commenting period

- + New **licence conditions**, including to:

- Require cooperation between licensees
- Enable us to manage local interference

Today

4 network licences

9 gateway licences

International priorities

Improving rules (non-GSO)

- Orbital tolerances (AI 7A)
- Post-milestone reporting (AI 7B)
- Aggregate interference to GSO (AI 7J)
- ITU-R S.1503
- Interference non-GSO systems
- Modifications to non-GSO systems

Additional capacity and services

- ESIM (AI 1.15 and AI 1.16)
- Inter-satellite links (AI 1.17)

Other

- New Recommendation FSS protection
- Scaling factor

