

Connected Nations: State of the UK infrastructure; superfast and universal service obligation

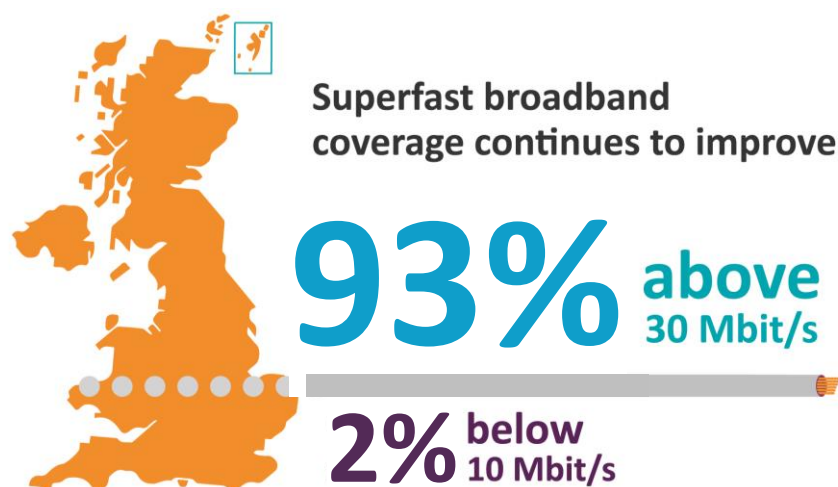
Andrew Button, Ofcom

GeoPlace Annual Conference, 10th May 2018

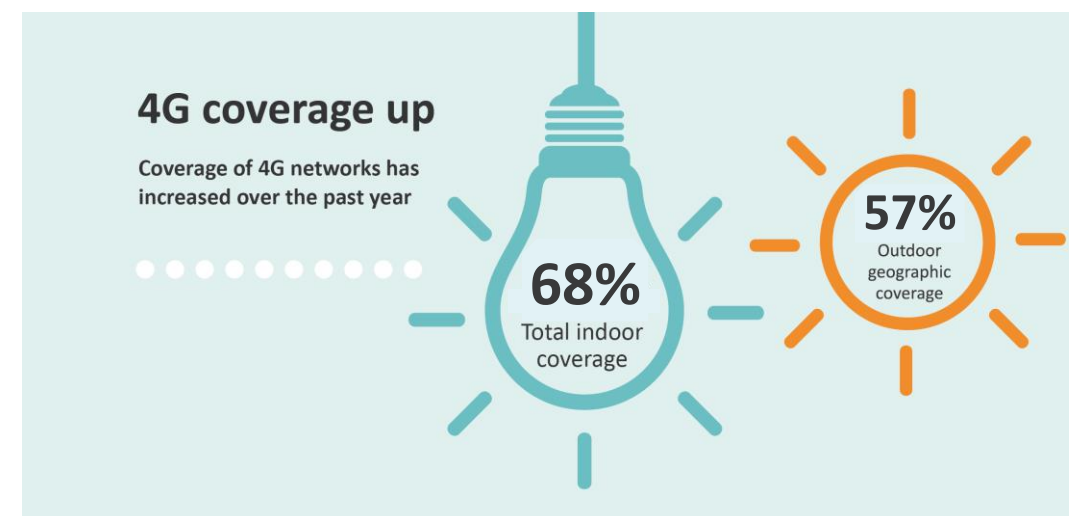


Superfast, universal service obligation and mobile coverage

The Benefits: Linking premises to infrastructure



- 925,000 UK premises cannot get decent broadband
- 1.2m UK premises have access to a full fibre service



- Proposed 'premises licence obligation' for mobile coverage in rural areas

Understanding premises

The Challenges: Linking attributes to premises

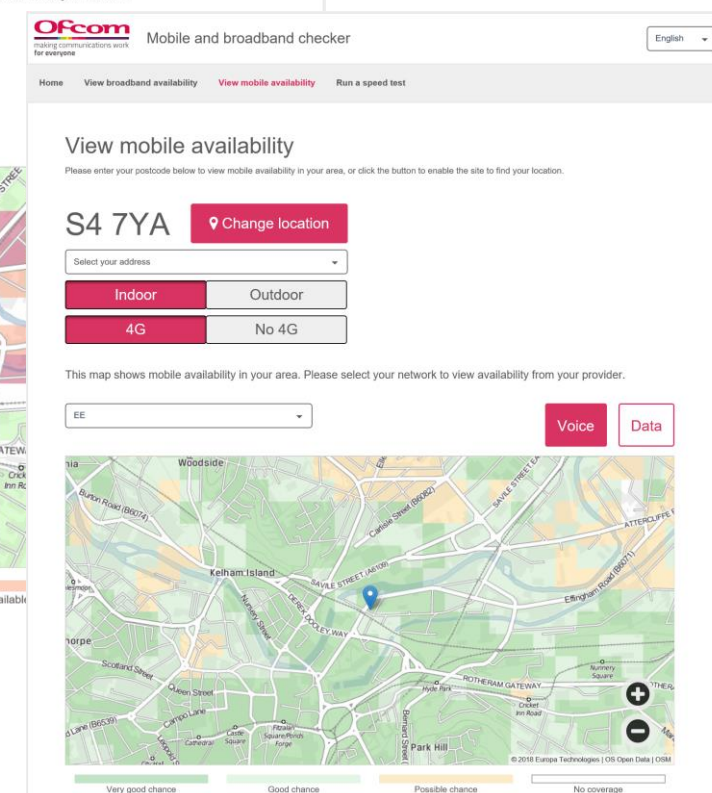
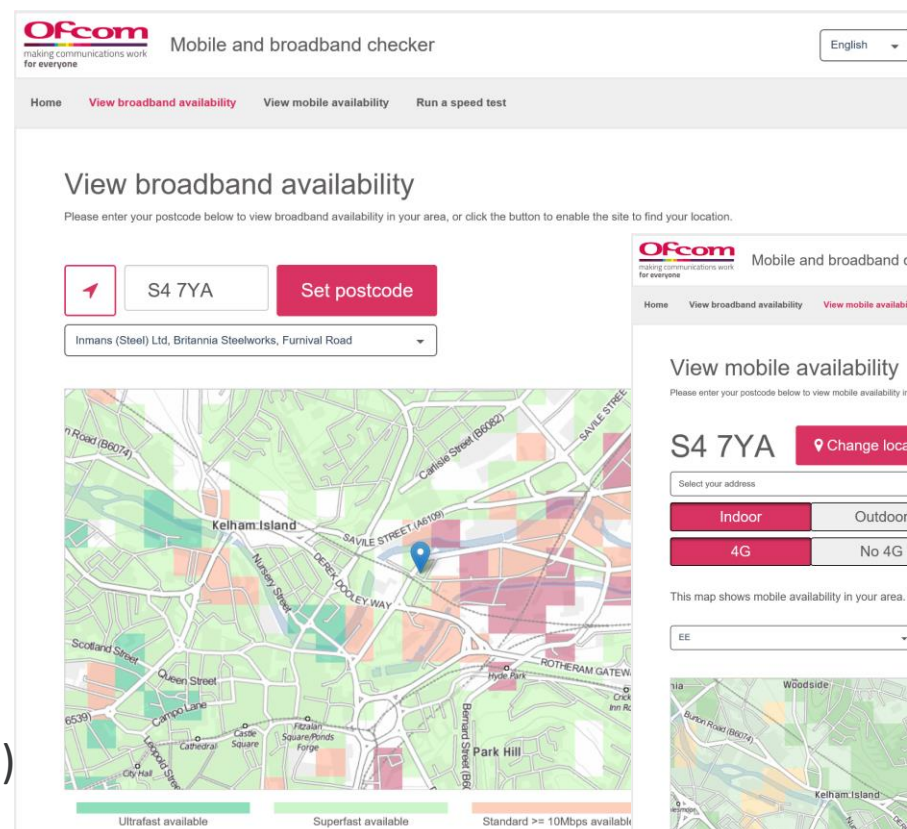
- Address level data is collected
 - These are joined via the UPRN, where used, or through matching routines to our premise base
- We rely on many characteristics in our UK analyses
 - Logical status and BLPU state (Habitable premises)
 - Classification code (Houseboats and Caravans)
- Small and Medium Enterprises
 - Use business classifications for employee counts
 - Can AddressBase help us to identify SMEs?



Improving knowledge

The Opportunities: Linking people to insight

- Smartphone app and on-line coverage maps
 - 2.6m views in 2017
- Innovation events
 - Open API and data release
- Enhanced use of AddressBase
 - Alternative names
 - Local Authority postal records (AB Postal Code)
 - Other characteristics
- Increased data sharing – UPRN as key



Summary

The richness of premise data being collected enhances our approach to UK wide policy analysis and enables us to provide better outcomes for consumers

- AddressBase Premium and AddressBase Islands underpin our UK policy analysis
- Attributes of records are important
- The UPRN is a key field

Questions

- How would premise level data on telecoms connectivity be of use to you?
- Do you have data that might be useful to Ofcom?
- The Universal Service Obligation will give consumers the right to request a decent broadband connection
 - Ofcom will use AddressBase to identify eligible premises, but does a consumer need to know their UPRN?