



The European 5G Observatory

46th RSPG Meeting
5 June 2018, Brussels

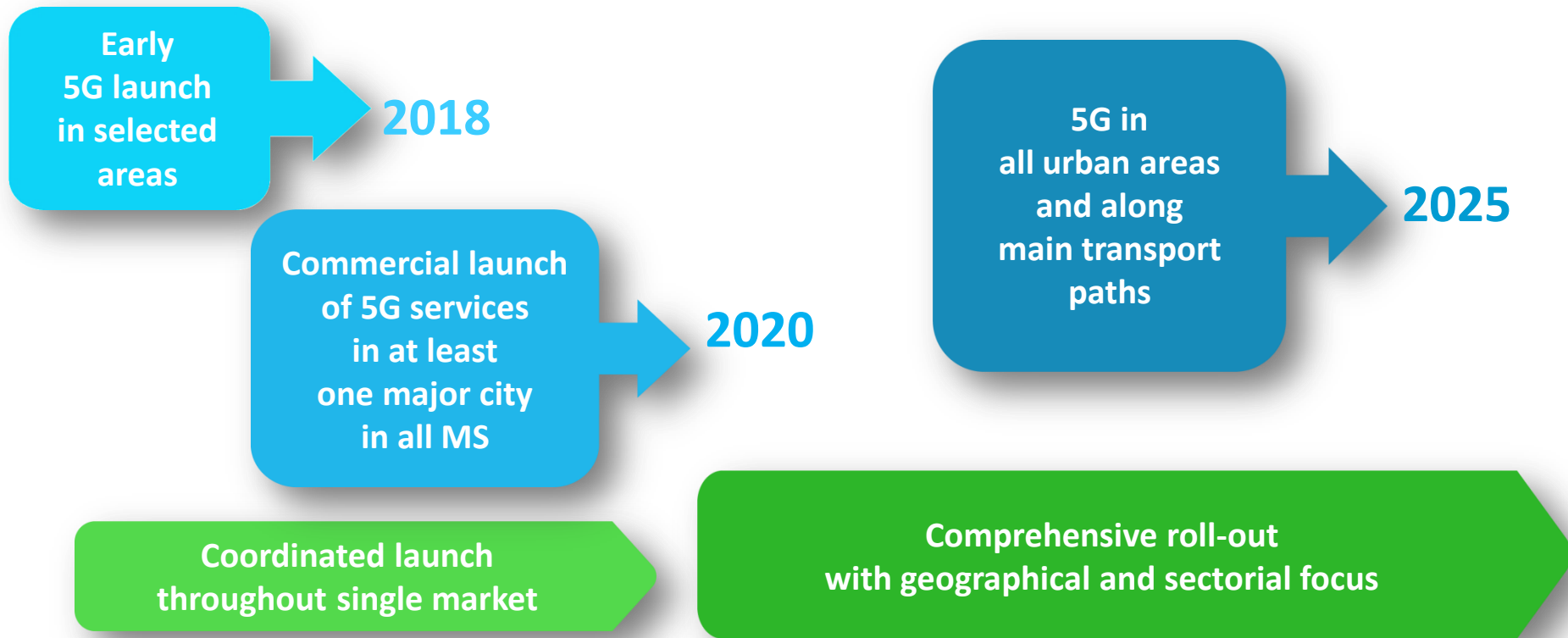
Peter Stuckmann

Head of Unit, Future Connectivity Systems

DG CONNECT

European Commission

5G Action Plan: European strategy for 5G introduction





European 5G Observatory

- *Announced in Feb. 2018 by Commissioner Gabriel at MWC*
- *Monitor, in the context of 5G roll-out:*
 - Main 5G market developments;
 - 5G pre-commercial trials;
 - National strategies and plans by EU MS;
 - Spectrum assignments by public authorities
- *First reporting available on <https://ec.europa.eu/digital-single-market/en/european-5g-observatory>*
- *First comprehensive reports and publicly accessible online platform available from September 2018 onwards*

European 5G Observatory (from DESI 15 May)



5G trials

- More than **80 pre-commercial 5G trials and pilots** launched in Europe as part of the industry's [5G trial roadmap](#)
- **Seventeen Trial Cities appointed:** Amsterdam, Barcelona, Bari, Berlin, Espoo, L'Aquila, London, Madrid, Malaga, Matera, Milan, Oulu, Patras, Prato, Stockholm, Tallinn and Turin
- **Five "digital cross-border corridors"** established inter alia accommodating live tests of 5G for [Cooperative Connected and Automated Mobility](#)

5G Spectrum plans

- **5G pioneer bands identified** in Europe (700 MHz, 3.6 GHz and 26 GHz)
- [Common roadmap](#) for the availability of spectrum adopted by Member States
- **Consultations on spectrum assignments** launched by a first set of Member States (e.g. Austria, Denmark, Italy, Germany, France, Finland, Portugal, Sweden, UK)

Three Member States have published national 5G roadmaps (Germany, Sweden, and the UK) and 3 have launched a public consultation (France, Poland, Spain):

- National calendars for key milestones set by the government,
- Measures to stimulate investments in 5G infrastructures such as: reducing the cost of deploying small cells; wide-ranging support to 5G trials,
- Promoting partnerships between the telecom sector and vertical industries,
- Foster public services as a lead user for early 5G deployment

More information is available on the [European 5G Observatory](#), which has been set up by the Commission to provide qualitative and quantitative information on

- Actual and expected market developments,
- Initiatives and preparatory actions taken by private and public actors in the area of 5G

Next steps

- *The EC will continue reporting on major developments on the DSM Observatory website;*
- *For this purpose, we will cooperate with the RSPG and COCOM to gather necessary info;*
- *The professional 5G Observatory will be kicked off next week and online in September;*
- *We count on the RSPG and COCOM to support the 5G Observatory process*



Thank you!