

## The European 5G Observatory

46<sup>th</sup> RSPG Meeting 5 June 2018, Brussels

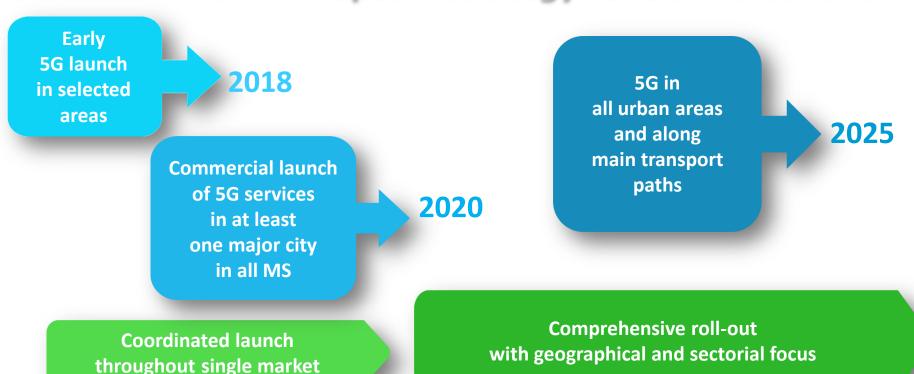
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### 5G Action Plan: European strategy for 5G introduction





# **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 <a href="https://ec.europa.eu/digital-single-market/en/european-5g-observatory">https://ec.europa.eu/digital-single-market/en/european-5g-observatory</a>
- 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)
- <u>Common roadmap</u> 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 <u>European 5G Observatory</u>, 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!