The 5G Infrastructure Public-Private Partnership

Report from NetWorld2020 and 5G PPP activities

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5G-SIG, Lysaker, 27 January 2015
5G key challenges
... set as high level objectives for European collaborative projects

- H2020 offers great ICT research and innovation opportunities within three «pillars»:
  - Excellent science
  - Industrial leadership
  - Societal challenges

- Separate contractual PPP to strengthen the network technology area with strong contribution to the next (fifth) generation network (5G)
  - Under “Industrial leadership”

- The forum organising “everyone” interested in network technology research and innovation
  - Supporting the 5G PPP and look at topics beyond 5G
Governance model – Basic approach

Relation of new ETP to 5G PPP

will support the by

• the direct relation to the PPP Association and
• the development of the SRIA for the 5G-PPP

NetWorld2020

- **Main outputs**
  - (draft) strategic research and innovation agenda to set directions, e.g., for use in the H2020 ICT Work Programmes
  - white papers
    - 5G: Challenges, Research Priorities, and Recommendations
      - Background papers:
        1. 5G Vision
        2. Software Architectures and Virtualisation
        3. Mobility/Connectivity and Network Layer
        4. Wireless and mmBand
        5. The role of satellites in 5G
  - position papers
  - other material, e.g., video

- **Working groups** (e.g., expert)

- **General assembly and steering board**
  - Telenor is member of the steering board & vice chair

http://networld2020.eu/
5G PPP

• The contract between the EC and 5G Infrastructure association (5G InfrA)
  – (approve) strategic research and innovation agenda to set directions, e.g., for use in the H2020 ICT Work Programmes
  – white paper & position documents & other material
• Promotor of European 5G research (communications)
• Working groups (e.g., vision, pre-standardisation, SME support, spectrum)
• NetWorld2020 main contributor, no “double” work
• International agreements, e.g., 5G Forum South Korea
• General assembly, board, and partnership board
  – Telenor member, seat in the board and partnership board

http://5g-ppp.eu/
Thank you for your attention!

http://5g-ppp.eu