



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



EU Framework Programme H2020

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



5G Public Private Partnership

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



Industry and Academia Forum

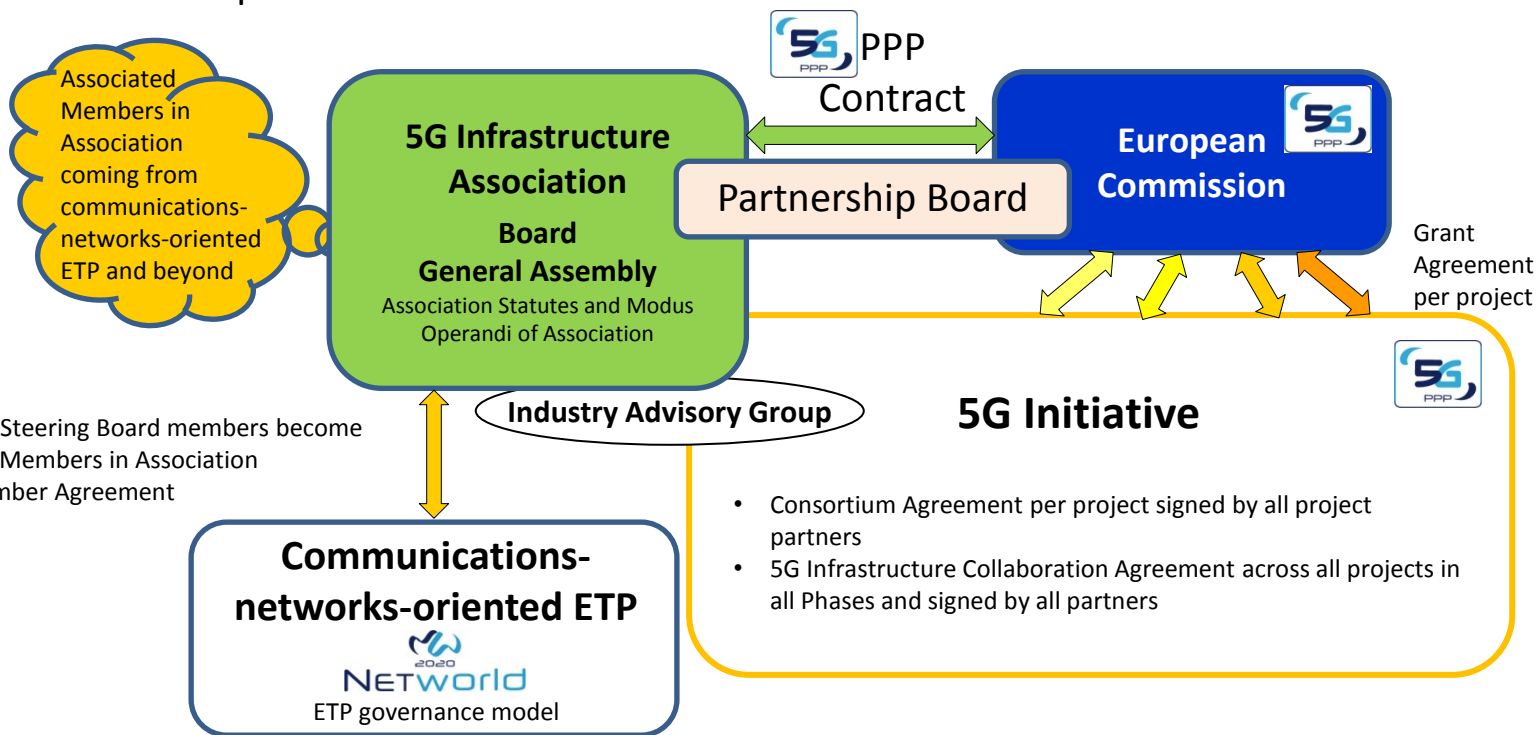
- The forum organising “everyone” interested in network technology research and innovation
- Supporting the 5G PPP and look at topics beyond 5G

Governance model – Basic approach

Relation of new ETP to 5G PPP

NETworld 2020 will support the by

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



The Association is an international non-profit association under Belgian law. It is the contractual counterpart of the European Commission for signing the 5G-PPP contract, done on 17 December 2013, see http://europa.eu/rapid/press-release_IP-13-1261_en.htm.

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/>



<http://5g-ppp.eu>

Thank you for your attention!

