

A stylized illustration of a city with various buildings, a street with cars and pedestrians, and a satellite in the sky. The scene is overlaid with a network of white lines and icons representing connectivity. Labels like 'CONNECTED CITY', 'CONNECTED HEALTH', 'CONNECTED PEOPLE', and 'CONNECTED TRANSPORTATION' are scattered throughout the scene.

IEEE WCNC 2015

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Panel P2: 5G Vision and Requirements

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

International activities on 5G getting momentum



5G Infrastructure PPP
The European path towards global next generation
communication networks



ITU-R Visions Group



EU

- Framework Program 7, e.g. METIS and 5GNow projects
- **5G PPP in Horizon 2020**



Germany – 5G Lab Germany at TU Dresden



UK – 5G Innovation Centre (5GIC) at University of Surrey



US

- Intel Strategic Research Alliance (ISRA)
- NYU Wireless Research Center
- **4G Americas**



China

- 863 Research Program
- Future Forum
- **IMT-2020 (5G) Promotion Group**



Japan – the Fifth Generation Mobile Communications Promotion Forum



Korea – 5G Forum



Taiwan – TAICS, Ministry of Science and Technology, Ministry of Economic Affairs



Russia – 5GRUS by Russia's Icom-Invest

CJK White Paper



NGMN – White paper on future requirements

- Company internal research

10/03/2015

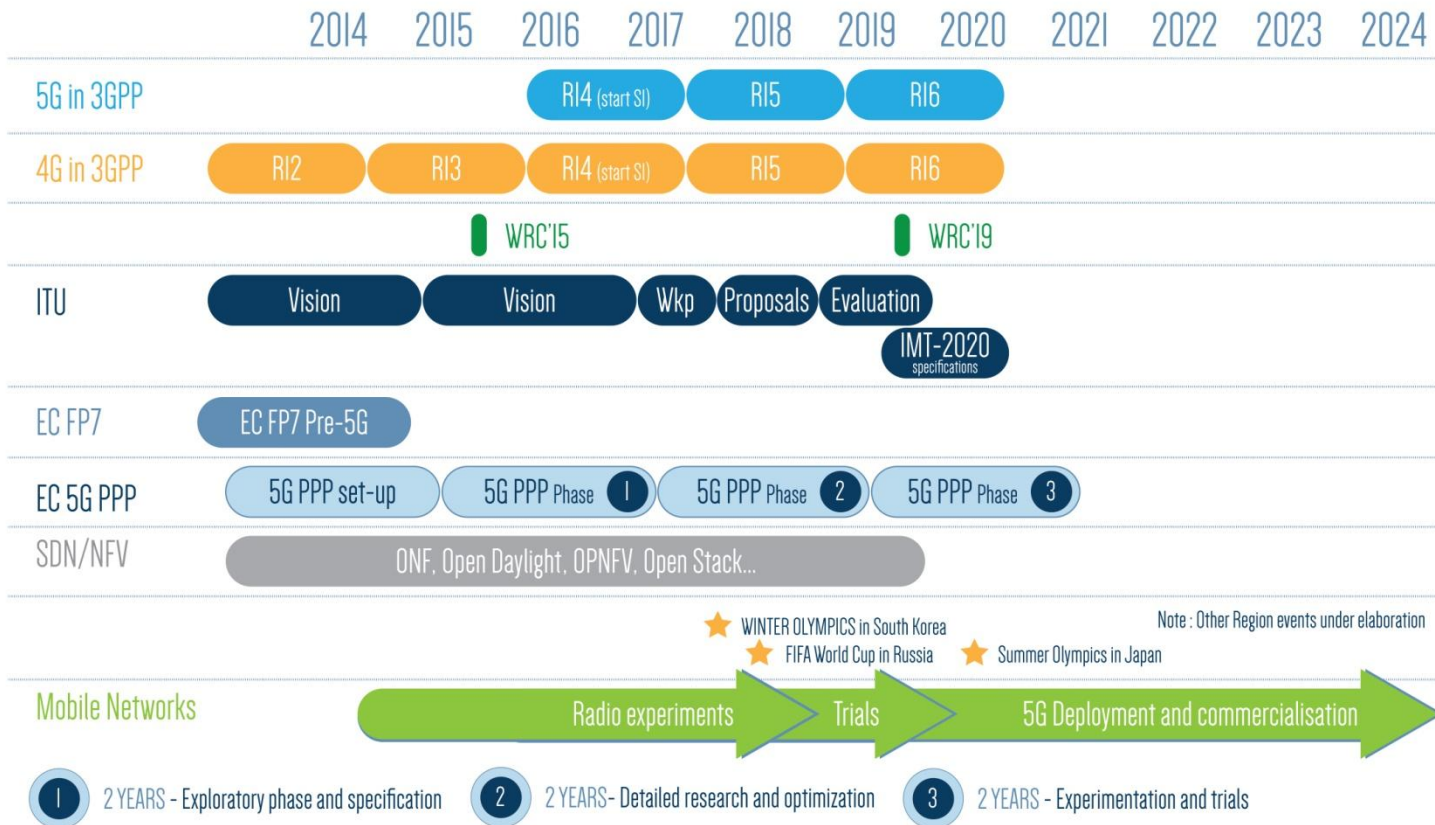
Source: 5G Infrastructure Association.

5G PPP Vision and Requirements

5G roadmap



5G Infrastructure PPP
The European path towards global next generation communication networks



10/03/2015

Source: 5G Infrastructure Association: Vision White Paper, February 2015.

Distinguished panelists



- **Mr. Colin Langtry**, Chief of Radiocommunication Study Groups Department in ITU-R – International Telecommunications Union, Radio Sector
- **Dr. Farooq Bari** (AT&T) on behalf of 4G Americas, USA
- **Mr. Xinhui Wang** (ZTE) on behalf of IMT 2020(5G) Promotion Group, China – Vice Chair Radio Access Technology Group
- **Prof. Yasuyuki Koga** (Waseda University) on behalf of the Fifth Generation Mobile Communications Promotion Forum, Japan
- **Prof. Dan Keun Sung** (KAIST – Korea Advanced Institute of Science and Technology) on behalf of 5G Forum, Korea
- **Dr. Werner Mohr** (Nokia) on behalf of 5G PPP in Horizon 2020 / 5G Infrastructure Association, Europe