Brussels, 7 June 2022

RSPG22-022 FINAL

RADIO SPECTRUM POLICY GROUP

DRAFT PLAN for a Workshop on RSPG Sub-group Mobile technology evolution and 6G development, Mid September 2022

DRAFT PLAN

RSPG Sub-group **Mobile technology evolution and 6G development**

Workshop, 20-21 September 2022

Part 1. Mobile technology evolution – experiences and strategies

Purpose of the workshop:

- Gather input from stakeholders on impact of 2G/3G switch-off and evolution to 4G/5G technologies.
- Understand possible obstacles or delays of technology evolution, e.g. eCall and legacy equipment and applications (electricity meters, home security alarms)
- This workshop will provide additional information to the questionnaire answers from member states.
- Motivations to switch-off of legacy networks - benefits of moving to 4G and 5G technologies, including possible standardization of existing 4G bands for 5G

We request presentations from the following organisations:

- Operators & telecom industry:
    - GSMA (GSM Association)
    - ETNO (European Telecommunications Network Operators)
    - ECTA (European Competitive Telecommunications Association)
    - GSA (Global mobile Suppliers Association)
- Verticals / industries / utilities (current 2G/3G users)
    - Utilities: EUTC (European Utilities Telecom Council)
    - eCall (European Commission representative / consultant)
    - 5G Alliance for Connected Industries and Automation (5G-ACIA)
    - Banking Sector
    - Automotive industry

Part 2. The development of 6G and possible implications for spectrum needs and guidance on the rollout of future wireless broadband networks

Purpose of the workshop:

- Input for evaluation of 5G in Europe (licensing strategies, auction design, deployment progress, etc.) with the aim to gain knowledge around what has been successful and what still needs to be addressed, thus providing valuable input when designing future 6G strategies.
- Understanding the use cases for 6G and how they deviate from the use cases of 5G
- Understanding the expectations for 6G related to regulation, spectrum demand, licensing, sustainability, energy efficiency and timing for making spectrum available.
- This workshop is supposed to provide additional information to the questionnaire answers from member states.

We request presentations from the following organisations:

- Research programs:
    - EU Horizon SNS JU (https://digital-strategy.ec.europa.eu/en/policies/smart-networks-and-services-joint-undertaking)
    - Hexa-X (https://hexa-x.eu/),
    - 6G Flagship (https://www.oulu.fi/6gflagship/), University of Oulu
    - 6G-LIFE (https://6G-life.de/)
    - One6G (https://one6g.org/)
- Telecom sector
    - GSA
    - Digital Europe
    - GSMA, ETNO, ECTA
    - Non-terrestrial providers
        - Satellite community
        - GSOA (https://gsosatellite.com)
    - Unlicensed use
        - Dynamic Spectrum Alliance
        - Wi-Fi Alliance