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Directorate
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Comments of Robert Bosch GmbH
Public Consultation on the Draft RSPG Opinion on ITU-R World Radiocommunication Conference 2023

Ladies and gentlemen,

Robert Bosch GmbH would like to express support to the RSPG recommendation on Agenda Item 1.3 of the ITU-R World Radiocommunication Conference 2023 (WRC-23). For Bosch, as an industrial manufacturer, it is important to have the possibility to choose between different network setups based on our connectivity needs. In case of the 3.5 GHz C-Band this ranges from collaboration with public Mobile Network Operators for using network slices in their nationwide licensed spectrum to independent local networks using own spectrum licenses.

Several European countries have allowed verticals to obtain spectrum licenses for independent local networks (also in 3600 to 3800 MHz). The CEPT and EU framework for this frequency range is also well implemented. The direct access to spectrum licenses for local industry networks is a corner stone to ensure the flexibility, reliability and security needed for the implementation of innovative connectivity solutions such as Industry 4.0. For this reason, Robert Bosch GmbH fully supports the RSPG recommendation on Agenda Item 1.3 of the WRC-23.

Moreover, we welcome an upgrade to a primary Mobile allocation in Region 1 with the outlined technical conditions, which will lead to broader harmonisation.

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Local networks are usually limited in range to a reduced area or to a dedicated site (e.g. an industrial manufacturing plant). Consequently, a licensed approach enables effective coordination and ensures protection of other services even in case of a secondary Mobile allocation.
The use of IMT technologies for local networks (e.g. for Industry 4.0) does not require an IMT identification. Therefore, an IMT identification is not necessary.

Yours sincerely

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