

## **RSPG WORK PROGRAMME 2020**

### **Input from the automotive industry to the public consultation**

Brussels, December 2, 2019

#### **1. Context**

The European Automotive Industry, represented by ACEA and CLEPA, welcomes the opportunity to contribute to the RSPG public consultation on the RSPG Work Program for 2020 and beyond.

Our automotive sector highly embraces the opportunities provided by CCAM (cooperated, connected and automated mobility), to be able to contribute to the policy goals of increasing traffic safety and efficiency and to reduce the environmental footprint.

The industry already started rolling out safety C-ITS services in the ITS safety designated spectrum at 5.9GHz and we expect this trend to continue in the coming years, along with technology evolution and availability. Network based driver assist services have been offered for a couple of years through 3G/4G communication. To this extent, we strongly believe in an approach that combines long range, network-based communication, and direct communication between vehicles and between vehicles and infrastructure.

Finally, the emergence of 5G is expected to enable automated (up to autonomous) driving use cases. When considering the industrial Internet of Things (IIoT) opportunities, it is important to continue considering the award of appropriate spectrum to new industry verticals for their use within their factories and production sites.

#### **2. Specific points in the consultation document**

##### **2.1. Spectrum sharing for ITS technologies**

C-ITS and CCAM: Industry already deploys C-ITS services in the 5.9GHz, the ITS designated spectrum. It is therefore important to continue working in ETSI on standards, interoperability and co-existence of C-ITS technologies, to be able to continue to use the entire spectrum band. In this context we would welcome further work within the CEPT and RSPG to increase the protection for these ITS services in the 5.9GHz band. In addition, we would like to start the work to identify additional ITS spectrum, to enable future direct communication needs of CCAM. As initial industry studies show (see Annex), it is important to start already identifying the spectrum and consider a methodology for further studying the issue.

## 2.2. Additional spectrum needs and guidance on the fast rollout for 5G

Non-public 5G networks: Germany is leading the way in the allocation of frequencies for non-public IoT networks (also known as “private 5G networks”) by already enabling the local use of LTE – Advanced and 5G for production in the range 3.7GHz-3.8GHz. UK has decided to adopt the same approach still within 2019 in the 3.8GHz-4.2GHz range. Other countries (e.g. Sweden) are also considering the adoption of non-public 5G Networks. We would welcome a similar coordinated approach across Europe, based on CEPT work. This move would provide a strong base for keeping and raising the competitiveness of our European Industry (certainty needed for investments in the modernisation of production sites).

## 2.3. WRC23

Work in the WRC19 on A.I. 1.12 - ITS has progressed around the harmonisation of the existing ITS spectrum at 5.9GHz worldwide. While there are still regional adaptations needed, we believe that work goes in the right direction. It is important to keep ITS further in mind when assessing the WRC23 agenda, so that, pending the work in CEPT and other regions, we can present already some initial ideas on additional spectrum for ITS and start discussing a path for its harmonisation. We would welcome in this sense further discussions with CEPT administrations, the EC and the RSPG/RSC.

We look forward to continuing working with the RSPG.

Annex: ACEA/CLEPA joint paper on spectrum needs for ITS.

---

**ACEA**, the European Automobile Manufacturers’ Association represents the 15 Europe-based car, van, truck and bus manufacturers: BMW Group, CNH Industrial, DAF Trucks, Daimler, Fiat Chrysler Automobiles, Ford of Europe, Honda Motor Europe, Hyundai Motor Europe, Jaguar Land Rover, PSA Group, Renault Group, Toyota Motor Europe, Volkswagen Group, Volvo Cars, and Volvo Group. More information: [www.acea.be](http://www.acea.be)

**CLEPA** is the European Association of Automotive Suppliers. More than 120 of the world’s most prominent suppliers for car parts, systems and modules and 23 national trade associations and European sector associations are members of CLEPA, representing more than 3 thousand companies, employing more than 5 million people and covering all products and services within the automotive supply chain. More information: [www.clepa.eu](http://www.clepa.eu).