

**Question for written answer E-006535/2016
to the Commission**
Rule 130
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Subject: Accelerating the deployment of 5G networks

Most of Europe's mobile broadband penetration relates to 3G networks. The limited coverage of the next generation of mobile connections presents a barrier to autonomous driving, which highly depends on real-time data. The European standard for vehicle-to-x communication established in 2014 cannot speed up implementation if only small amounts of data are transferred via 3G networks. Connected vehicles will require even more bandwidth than what is currently provided by 4G or 5G. Apart from this, 4G and 5G have the potential to create new jobs and stimulate growth in all industries that are able to exploit wireless mobile technology to become more competitive, to create new business models and to offer new services.

1. How is the Commission supporting greater 4G coverage in Europe?
2. How is it supporting 5G research, and what are the results of the Horizon 2020 research programme in this area?
3. What action will the Commission take to ensure the creation of high-speed wireless networks for vehicles' cloud-based services?