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Radio spectrum has a major role in tomorrow's transport systems: particularly applications that use radio-based technologies in road vehicles. These technologies can help vehicles communicate with roadside transmitters; and support sensing systems to make vehicles safer, more efficient and nicer to drive.

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Increasing vehicle safety and cutting road deaths are major goals of EU transport policy. In particular two significant developments in information and communications technologies are helping achieve this goal - both of which require the appropriate radio frequencies to be available:

- First, the [Intelligent Transport Systems and Services](#) [1] (ITS) concept allows vehicles to communicate with each other and with road infrastructure, giving drivers information critical to safety - and perhaps intervening to prevent or mitigate dangerous incidents.
- Second, [short-range radar systems](#) [2] are being developed and deployed to sense other vehicles and structures. Again these can provide safety information to drivers or intervene when they detect danger.

More information

- The [public consultation / call to stakeholders](#) [3] for their views on the proposed amendment to Commission Decision 2005/050/EC (Short Range Radars - SRR) was published on 14 December 2010.
- Commission Communication [COM\(2007\)541](#) [4], "Towards Europe-wide Safer, Cleaner and Efficient Mobility: The First Intelligent Car Report".
- Commission Decision [2005/50/EC](#) [5] of 17 January 2005 on the harmonisation of the 24 GHz range radio spectrum band for the time-limited use by automotive short-range radar equipment in the Community
- Commission Communication [COM\(2003\)542](#) [6] on "Information and Communications Technologies for Safe and Intelligent Vehicles"
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Links

- [1] <http://ec.europa.eu/digital-agenda/en/cars-communicate>
- [2] <http://ec.europa.eu/digital-agenda/en/radar-your-car>
- [3] http://ec.europa.eu/digital-agenda/sites/digital-agenda/files/srr_public_consultation.pdf
- [4] <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=COM:2007:0541:FIN:EN:PDF>
- [5] <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX:32005D0050:EN:NOT>
- [6] <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=COM:2003:0542:FIN:EN:PDF>
- [7] <http://ec.europa.eu/digital-agenda/en/how-get-involved-eu-radio-spectrum-policy>
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