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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**

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