

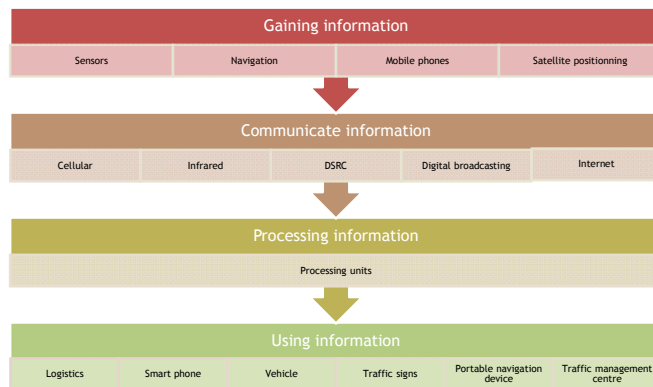
Interconnected and Integrated: Optimising Intelligent Infrastructure

- How can innovative technologies make infrastructure safer, cheaper, more efficient?
- How can innovation improve intermodal linkages?
- What innovative measures and techniques can improve border crossings?
- What is the outlook for global satellite systems needed for ITS applications?

What are Intelligent Transport Systems and Services?

What ITS is

» Technologies/carriers



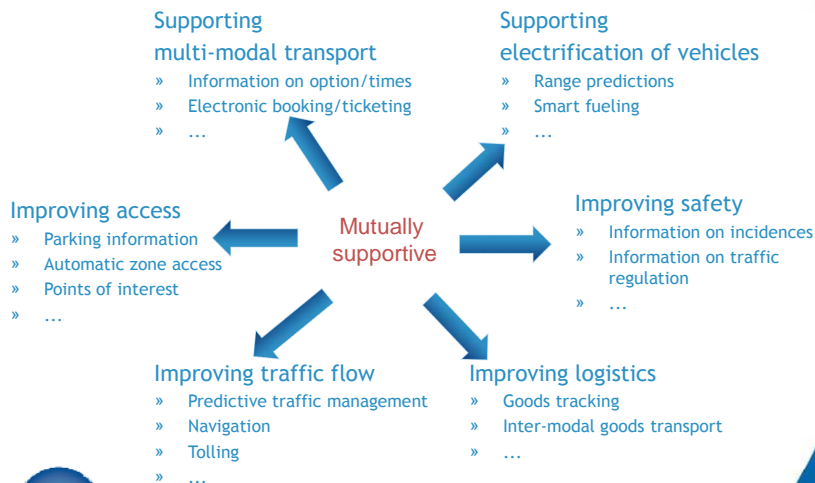
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What do Intelligent Transport Systems and Services offer?

What ITS offers



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Where are Intelligent Transport Systems and Services today and what are next steps?

How ITS might develop

Today

- » Ramp meter
- » Variable Message Signs
- » Road infrastructure surveillance (cameras)
- » Advanced Driver Assistance Systems (cameras, sensors)
- » Tolling
- » Traffic information (TMC, TMC+, TPEG)
- » Traveller information (Web-based, TPEG)
- » Navigation (static, dynamic)
- » etc.

... in the future

- » X 2 X communication
- » Data warehouses
- » Predictive and cooperative traffic management
- » ITS services supporting electric vehicles
- » etc.



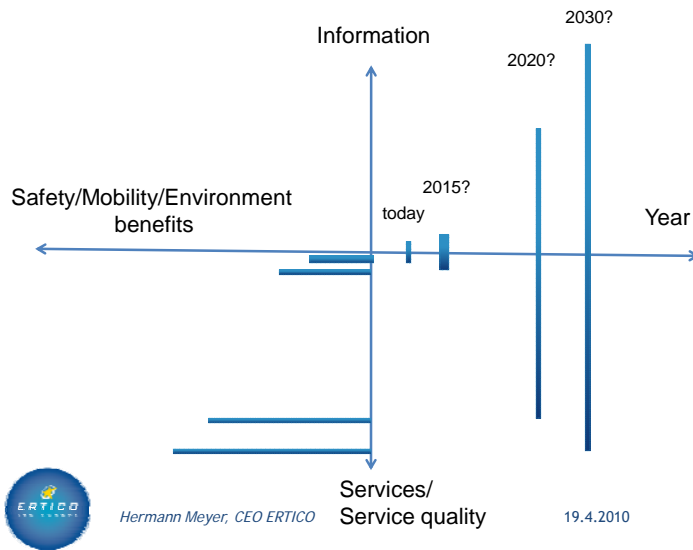
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Most important: Future development of ITS will provide more and more information - this will allow for more and more services and increased service quality - this will provide safety, mobility and environmental benefits.

How ITS might develop



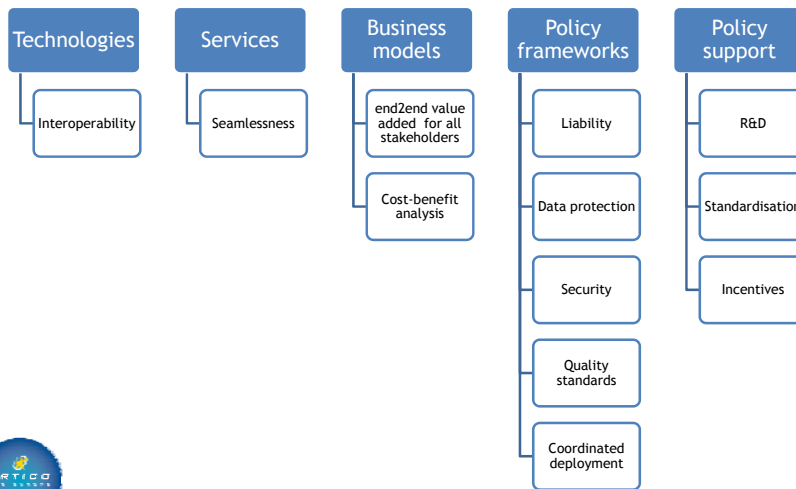
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What is needed to make ITS happen?

What ITS might need



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