

RTTI WG: Road Map

Status of Work:

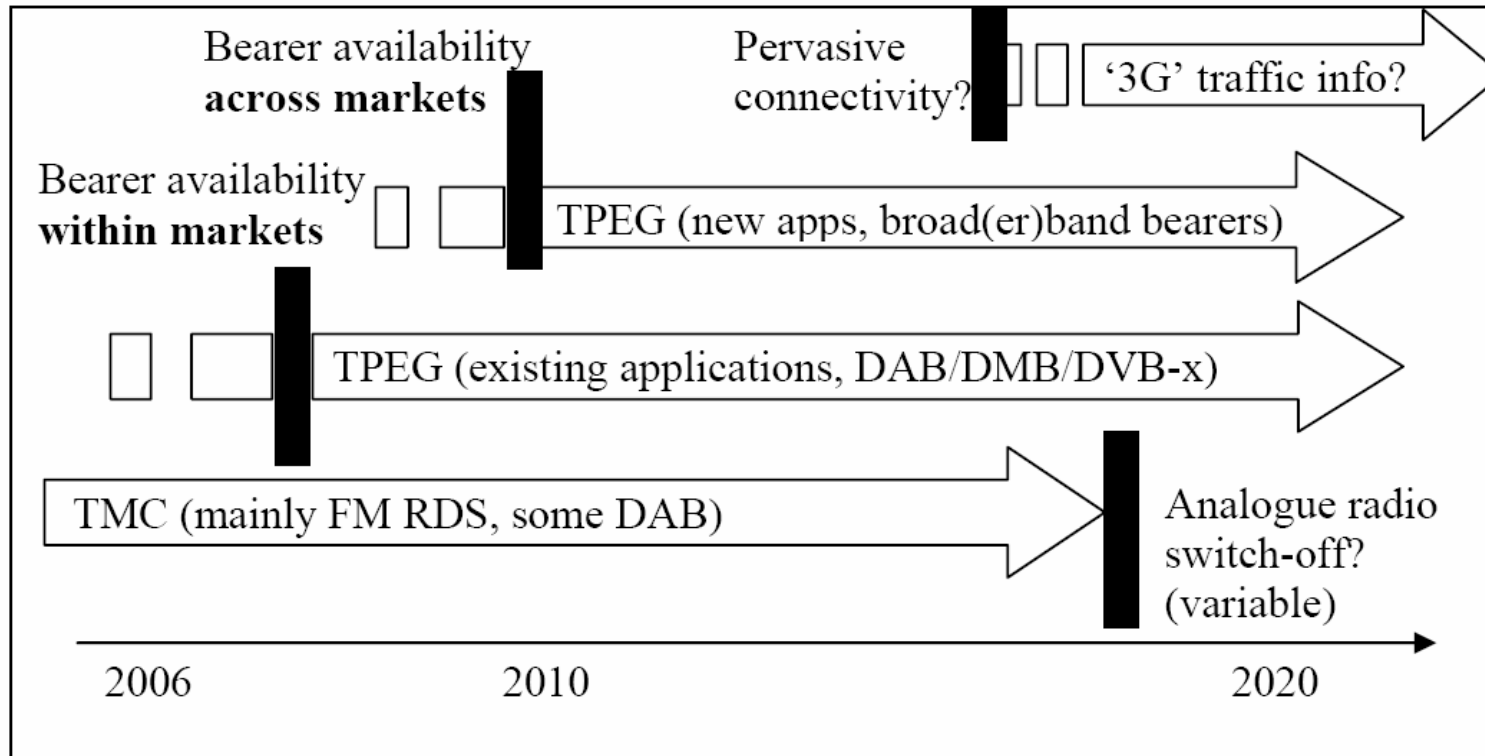
- RTTI WG re-launched July 2006, 4 meetings up to now
- Working document: **Preliminary Draft Report**

Structure:

- **Commission Recommendation on Real-Time Traffic and Travel Information as an extension of [COM 2001/551/EC]**
- **Annex** including various "Implementation Paths":

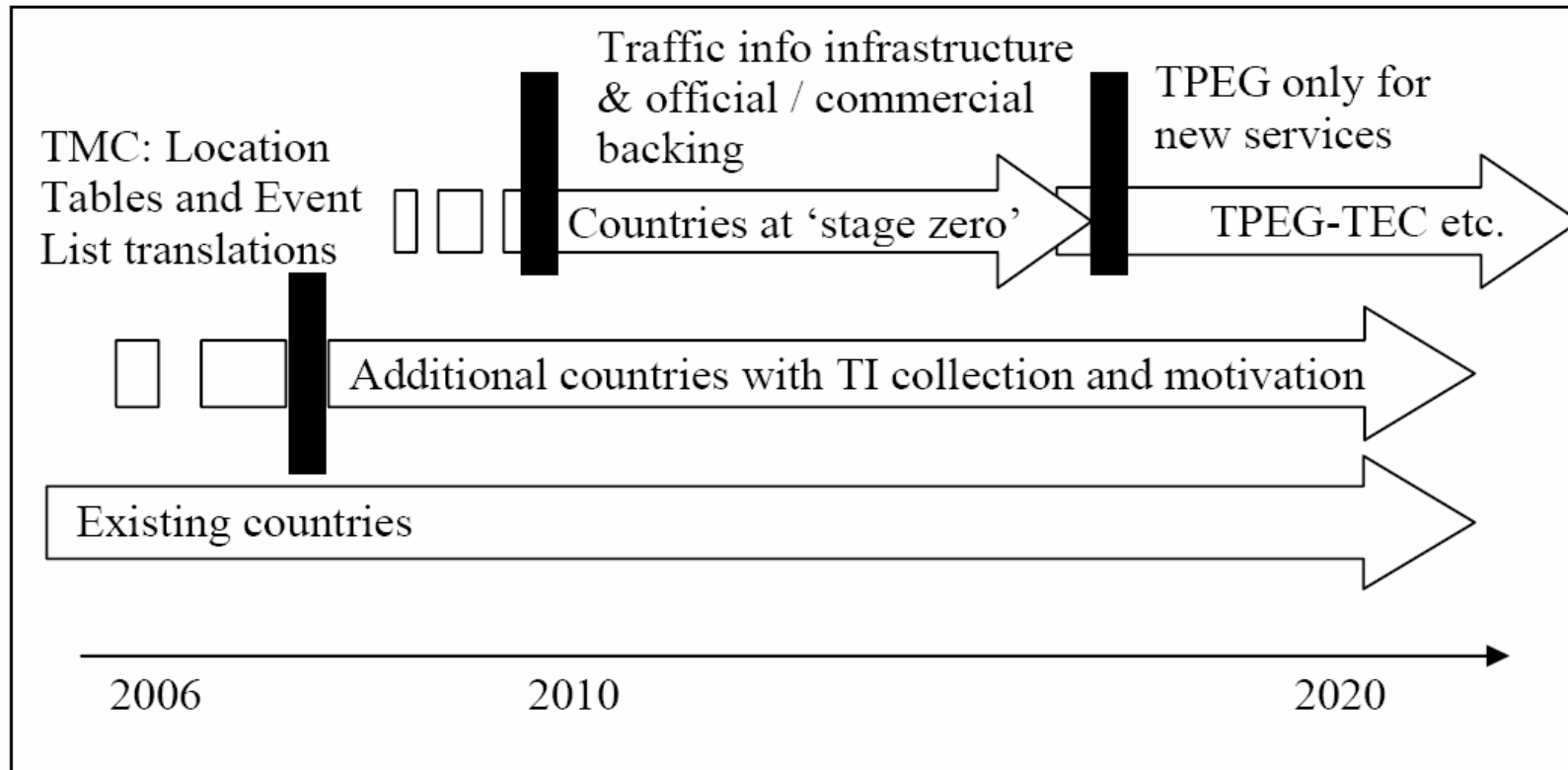
RTTI WG: Implementation Path

Traffic Information Protocols / bearers



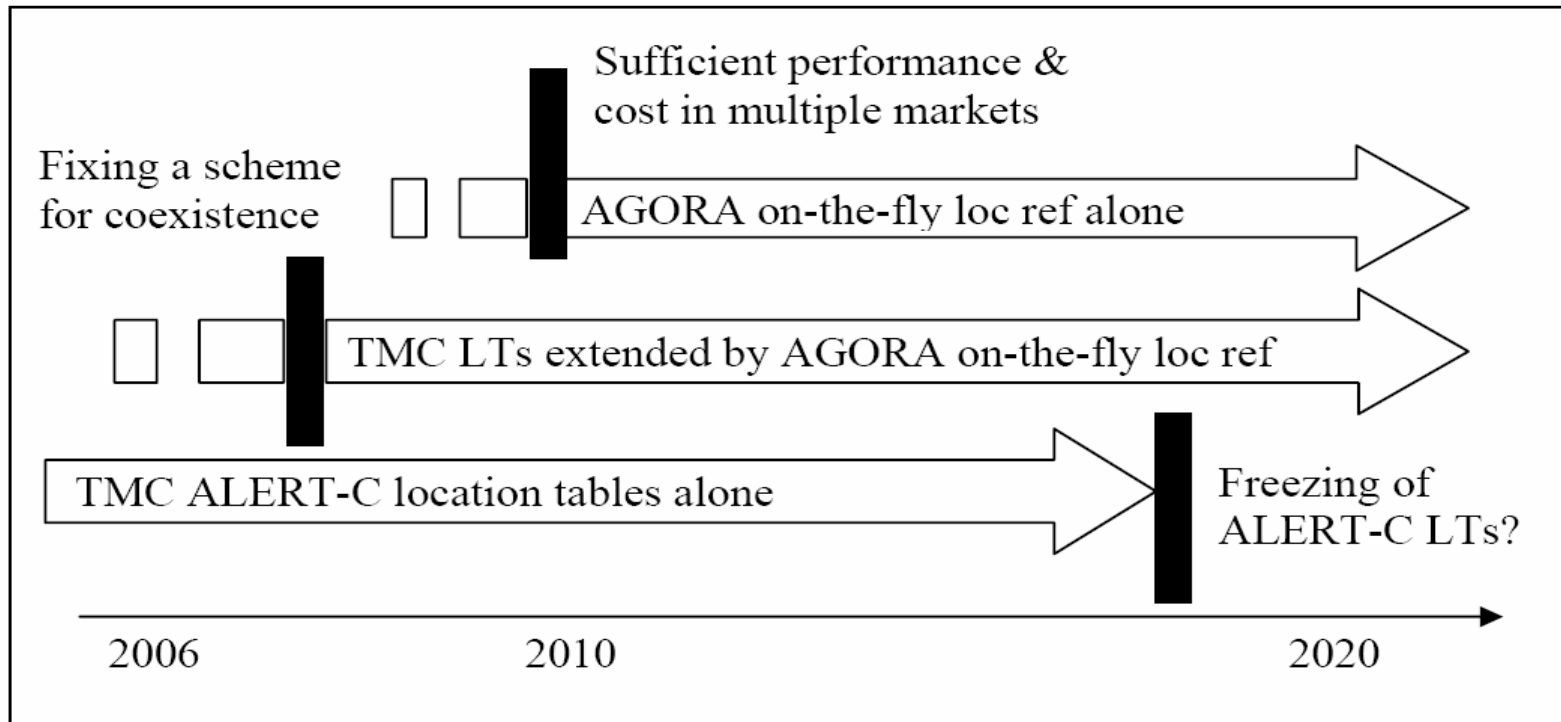
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TMC Rollout in remaining European countries and beyond



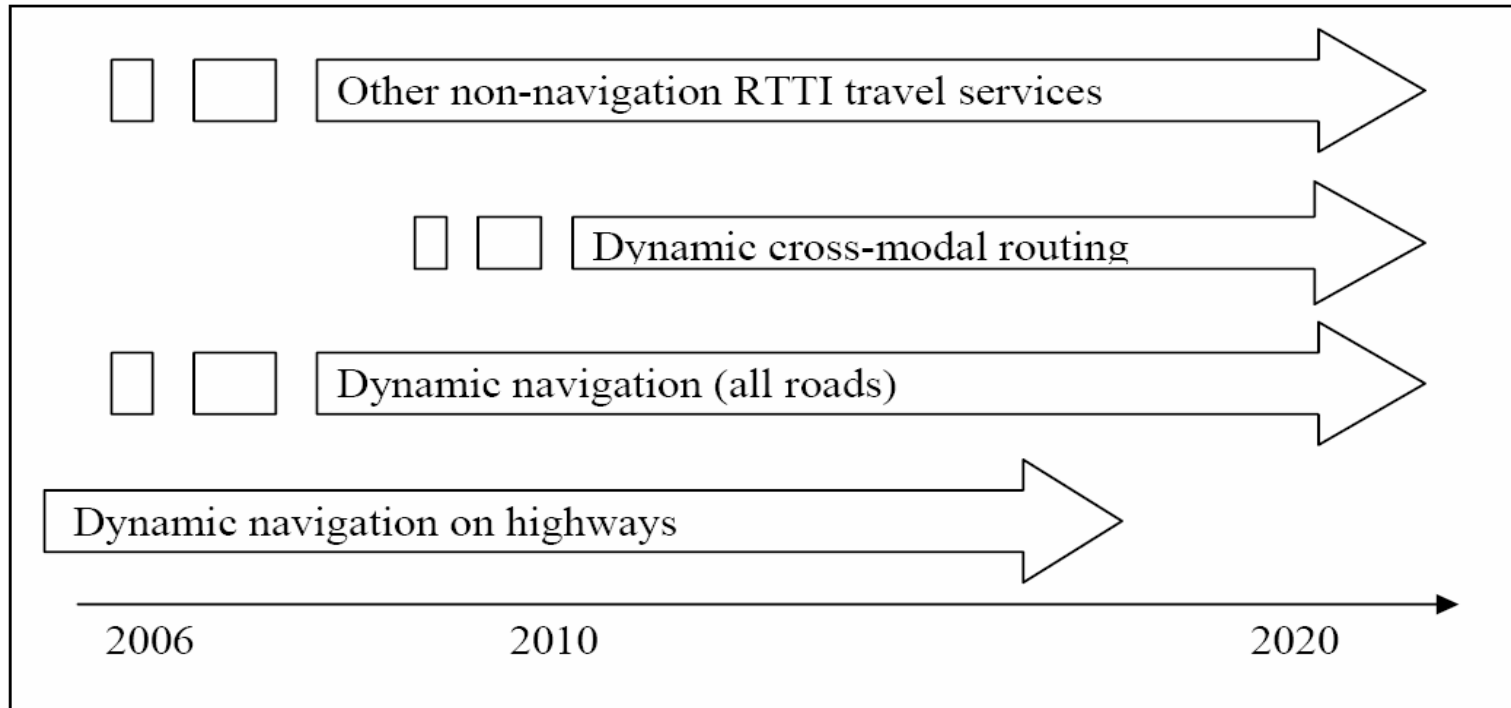
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Location Referencing



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RTTI Applications



RTTI WG: Data Base

Impacts

- **No reliable safety estimates yet exist** despite the long-time availability and use of the systems.
- Real-time traffic information about problems and hazards on the road network to drivers before and during the trip to in-vehicle receivers enable the drivers either to **avoid the problem** by e.g. changing their route or to be better prepared for the problem by **increasing their awareness** and alertness.
- The system should affect especially **accidents in adverse conditions** and pile-ups.
- **Effects on fatalities and injuries are currently estimated as lower than 10%**. The positive effects on congestion, transport network efficiency and driver comfort are considerable.

RTTI WG: Data Base

Studies

- Real-time information on slipperiness and other road weather related problems has been estimated to **reduce the risk of injury accidents** in adverse conditions **by 8 %** on main roads and **5 %** on minor roads in Nordic 21/2003.
- 45 % of drivers with an RDS-TMC receiver had changed route due to on-trip RDS-TMC messages at least once. On the basis of information received before the trip, **23 % of the drivers had changed their plans**. To assess the user and behavioural attitudes to RDS TMC (reaction to messages) interviews were conducted.

RTTI WG: Implementation

Next steps:

- **Internet consultation**
- **Finalisation of the new Recommendation**
- **Presentation at eSafety Conference in Berlin, 05./06. June 2007**
- **And....**
“Implementation” (to be discussed)