

VOLVO

**How can the output of EasyWay & eSafety
be integrated in the development of ITS at
Volvo?**

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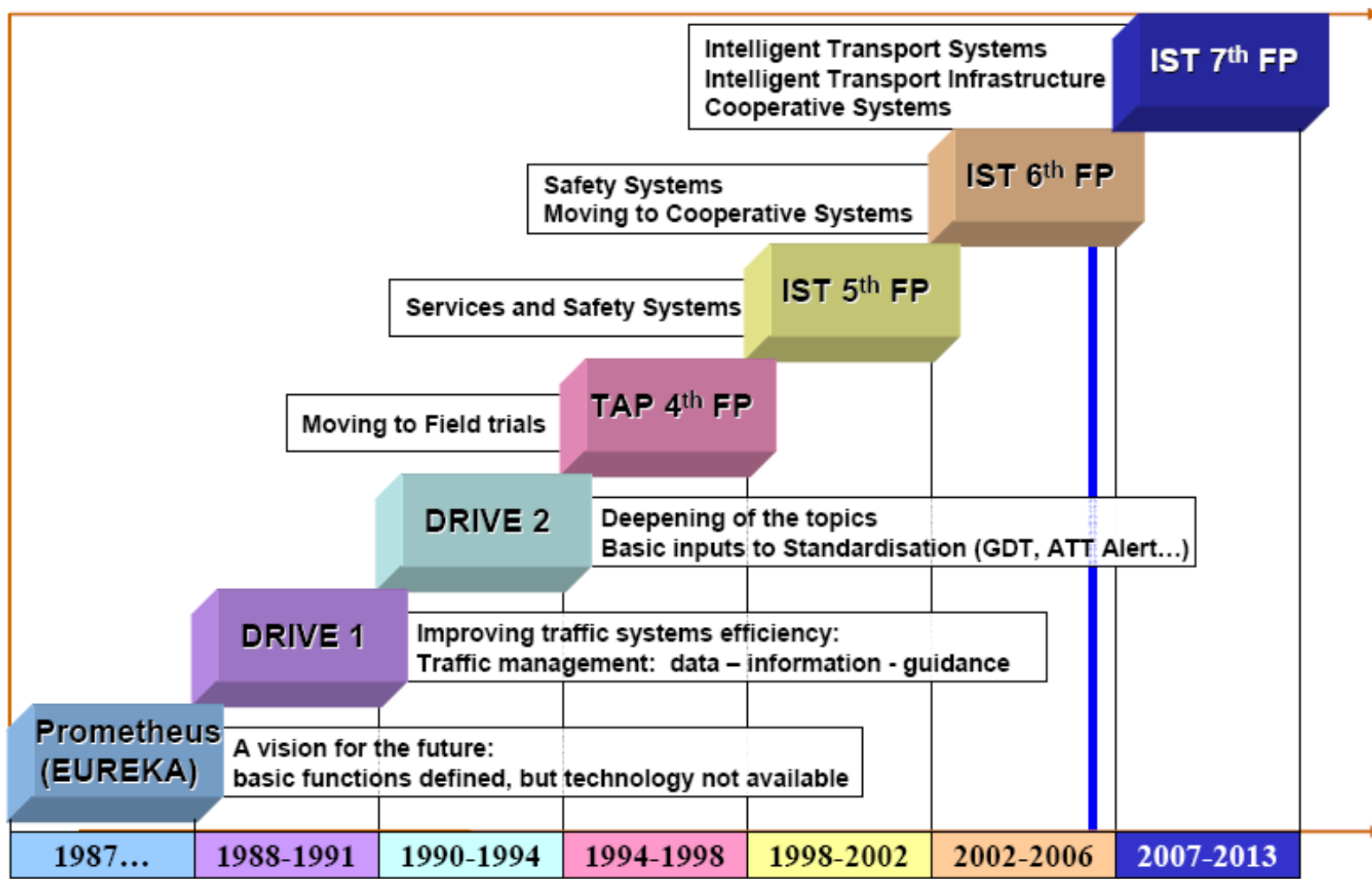
Presentation outline

- History EU cooperation on ITS for Volvo
- How do we use eSafety and EasyWay results?

Why EU-wide research cooperation on ITS for Volvo?

- Long haul cross-border transports - continuity of services requested by customers
- Global market for trucks & buses => need to minimize local solutions
- Road transport is only one part of the whole transport chain – we need to cooperate with cities, road operators, transport hubs to optimise the whole system
- We can learn from our research partners (public, private, academia)

EU collaborative research on ITS



Source: European Commission, 2006

Early results from research cooperation (80's-90's)

- In-vehicle navigation systems
- Fleet Management Systems
- Traffic Information protocol (RDS-TMC)

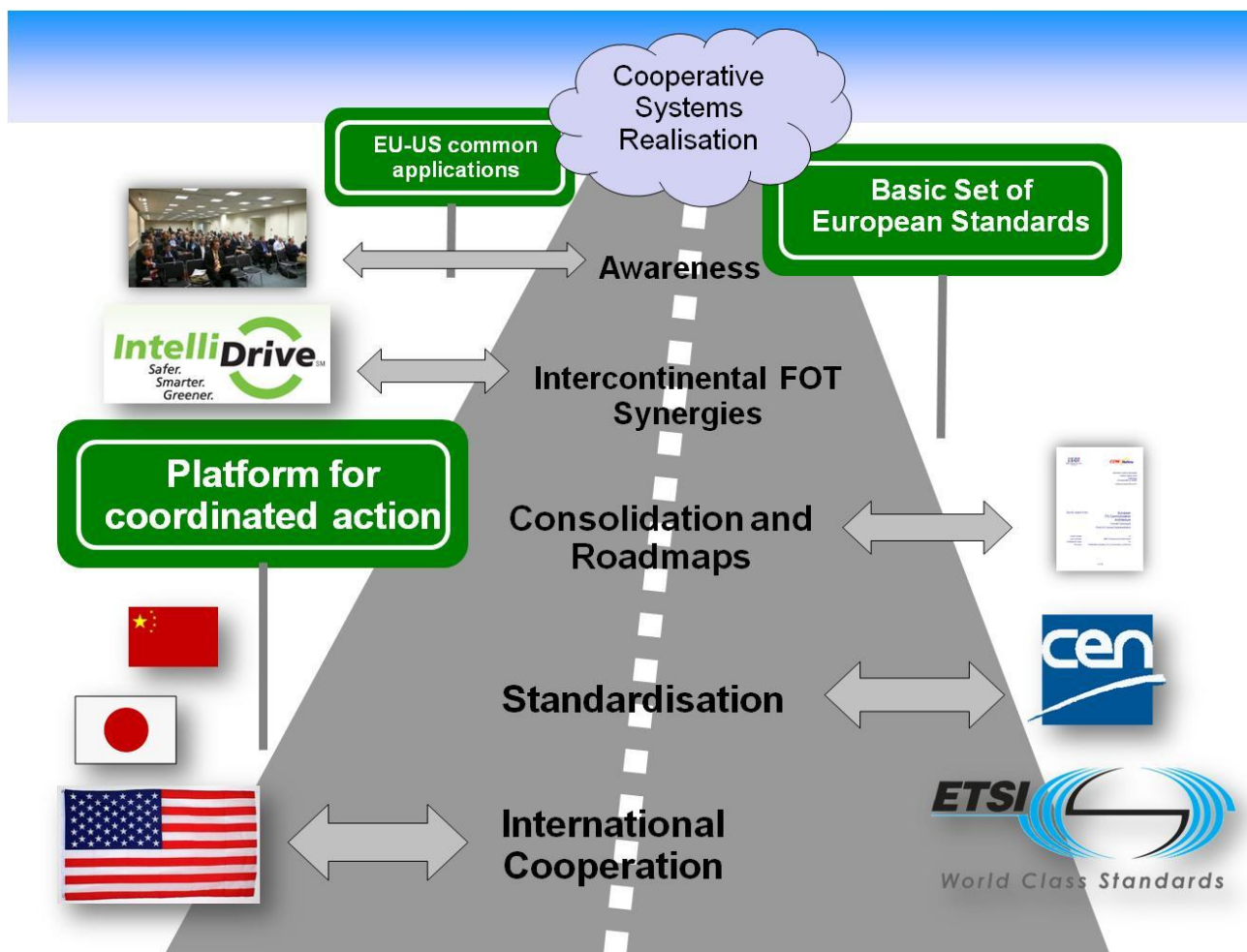


How does Volvo use the result of eSafety / i Mobility?



- Activities in Working Groups (learning, contributing, influencing, building consensus). Examples:
 - Definition of European Statement of Principles (ESoP) for Human-Machine Interface (HMI)
 - Building a common view on the research agenda, input to framework programmes
- Participation in eSafety support projects like COMeSafety 2 to prepare deployment of Cooperative ITS

COM Safety² - harmonising the architecture and standards for C-ITS



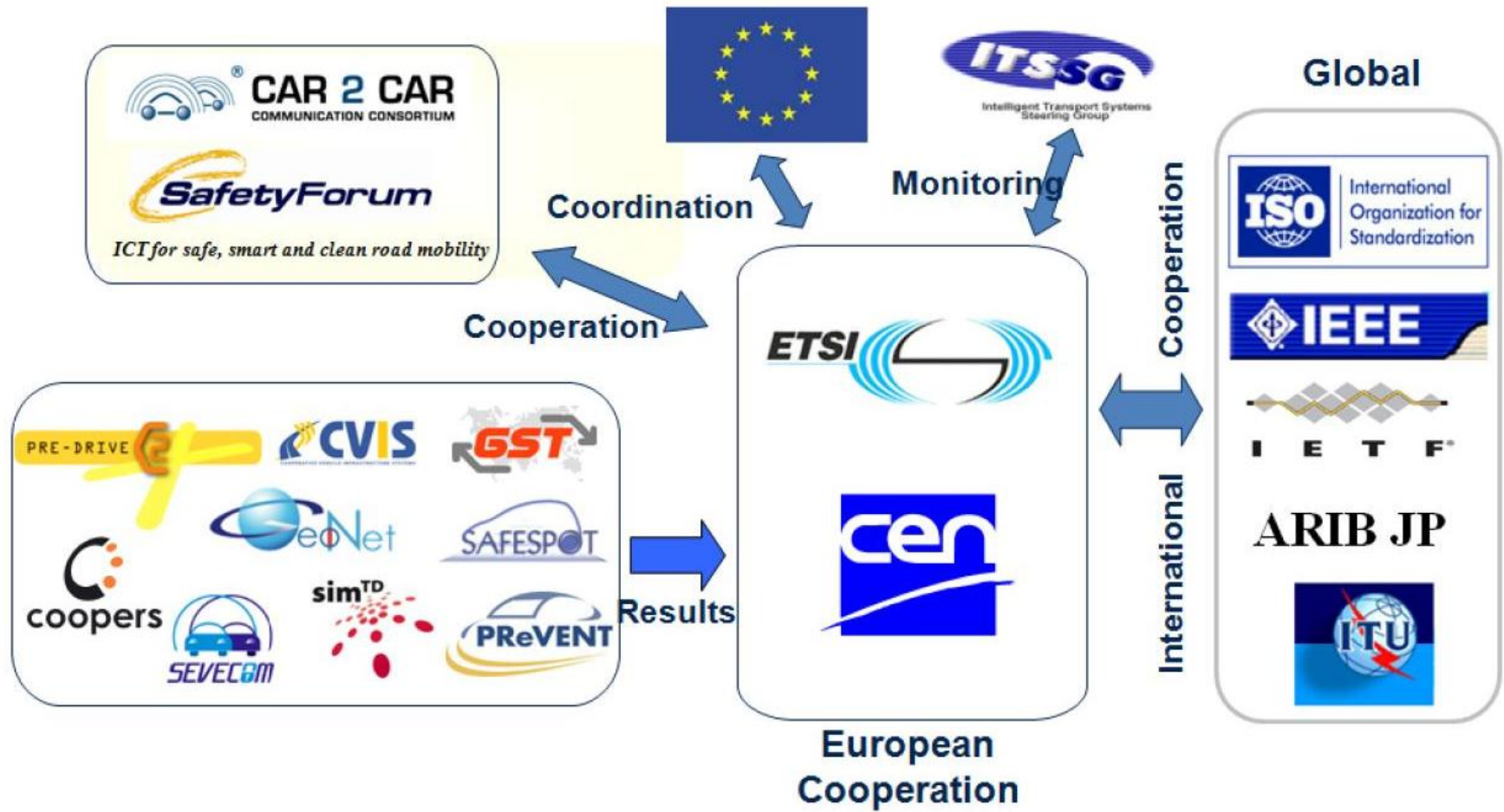
How does Volvo use the result of EasyWay?



- Sharing and discussing ITS Service definitions and priorities (e.g. PRE-DRIVE C2X – EasyWay workshop)
- EasyWay provides input to service definitions in ongoing Cooperative ITS standardisation (CEN, ETSI)

International harmonisation of C-ITS

Cooperation overview – Mandate M/453 context



Conclusions

- EasyWay and eSafety / iMobility are important efforts to harmonise, prioritise and prepare for ITS deployment
- The continuous dialogue / cooperation with the projects are as important as the final project reports
- Volvo mainly makes use of the results as a basis for standardisation and deployment discussion with road operators



Thank you!

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Renault Trucks

UD Trucks

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Buses

Construction Equipment

Volvo Penta

Volvo Aero

Financial Services



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