



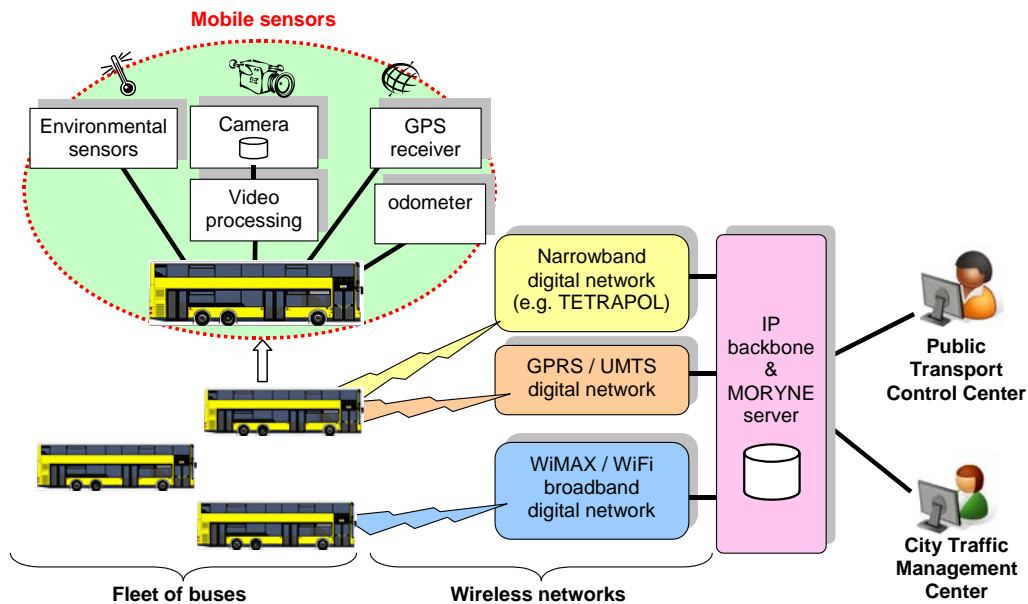
Enhancement of public transport efficiency through the use of mobile sensor networks

MORYNE aims to contribute to greater transport efficiency, increased transport safety and more environmental friendly transport by improving traffic management in an urban and sub-urban area.

How ?

- Using public transport vehicles (e.g. buses) as elements of a network of mobile sensors, communicating with the infrastructure
- Setting up co-operation between public traffic management and city traffic management

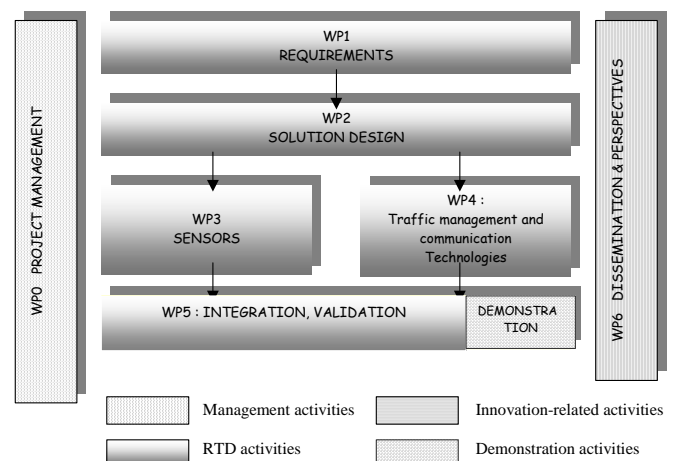
GENERAL OVERVIEW



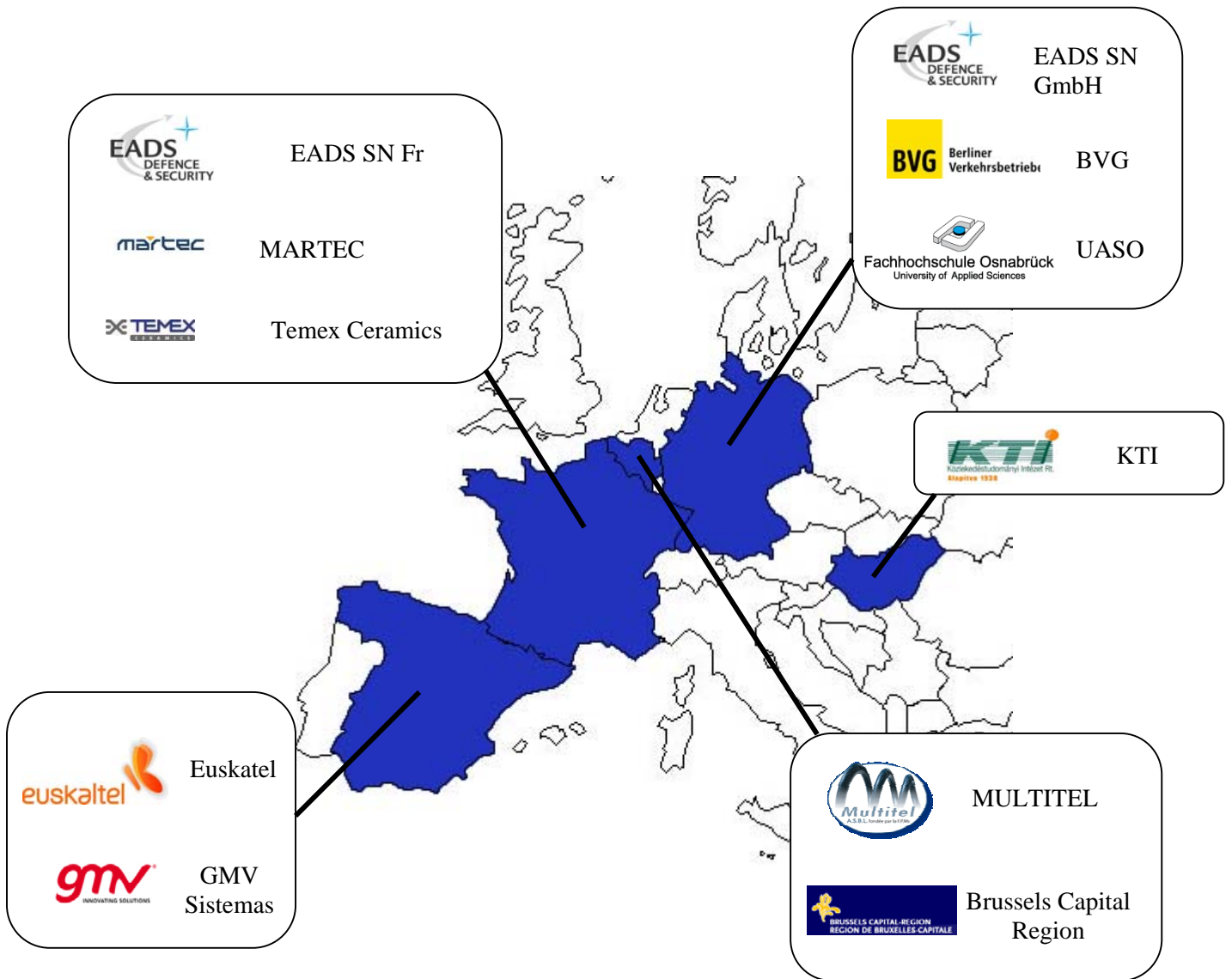
OBJECTIVES

- ❖ The development of an approach for new safety- and efficiency-oriented transport management and traffic management
- ❖ The development and validation of technologies for appropriate sensing, information processing, communication, interfaces
- ❖ The development of an in-laboratory demonstrator
- ❖ The validation of the proposed concepts through field testing
- ❖ The analysis of potential impacts (social, economic, environmental) and the definition of further steps

PROJECT STRUCTURE



CONSORTIUM



BVG (Germany) – EADS Secure Networks (France) - EADS Secure Networks (Germany) - Euskattel SA (Spain) - GMV Sistemas SA (Spain) – KTI (Germany) – Martec (France) - Brussels Capital Region (Belgium) – Multitel (Belgium) - Temex Ceramics (France) – UASO (University of Applied Sciences Osnabrück)

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