Data Collection Transfer and Analysis

George Yannis, NTUA
Pete Thomas, Loughborough University

IRTAD Meeting, Paris 12 April 2010
DaCoTA project partnership

- Belgian Road Safety Institute — Belgium
- Centre for Transport and Logistics, University of Rome — Italy
- GIE RE PSA RENAULT — France
- Hasselt University, Transportation Research Institute — Belgium
- Institut für angewandte Verkehrs- und Tourismusforschung e.V. — Germany
- Institut National de Recherche sur les Transports et leur Sécurité — France
- Institute for Road Safety Research — Netherlands
- Instytut Transportu Samochodowego (Motor Transport Institute) — Poland
- Jefatura Central de Tráfico — Spain
- Kuratorium für Verkehrssicherheit — Austria
- Medical University of Hanover — Germany
- National Technical University of Athens — Greece
- Transportation Research Laboratory — UK
- Transportation Research Institute, — Israel
- Vehicle and Traffic Safety Centre, Chalmers University of Technology — Sweden
- Volkswagen AG — Germany
- Vehicle Safety Research Centre, Loughborough University — UK
DaCoTA vision

- Implementation of evidence based road safety policies
- Development of European Road Safety Observatory as a focus of that evidence base
The road safety management process

An effective road safety management process includes:

- Vision
- Problem analysis
- Target setting
- Countermeasures
- Socio-economic appraisals
- Implementation
- Evaluation

Road Safety management is a science led process.
How do you build an Observatory?

- Common protocols
- Availability of data
- Gathering data
- Analysing and applying data
- Routine part of policy-making
What is DaCoTA?

- Take development of ERSO to next stage
  - Enriching the information content
  - Amalgamating and structuring existing data
  - New data gathering infrastructure
  - Gathering new types data
  - Linking data to policy
    - Forecasting
    - eSafety
- Future large scale pilot
Objectives

1. Road Safety Management
   - New bridge between policy making and evidence

2. In-depth Data
   - New pan-EU investigation teams

3. Data Warehouse
   - New integrated data system

4. Decision Support
   - New forecasting methods

5. Safety and eSafety
   - Impact of intelligent technologies

6. Naturalistic Driving
   - Driver behaviour monitoring
Who will benefit?

- Policy-makers – better road safety decisions
- Stakeholders – more targeted, more appropriate and more effective safety interventions
- Public – safer roads and vehicles
External communication

- Website for general information and deliverables
- Liaison with stakeholder groups from WPs
- Conference summer 2012