SafetyCube

Safety CaUsation, Benefits and Efficiency

IRTAD, 13 October 2015
SafetyCube project

Funded by the European Commission under the Horizon 2020 research framework programme

Coordinator: Pete Thomas, Loughborough University

Start: May 2015

Finish: April 2018
SafetyCube project

17 partners from 12 countries within EU
SafetyCube primary objective

Road Safety Decision Support System

- Risks
- Measures

Policy-makers & stakeholders

- strategies
- measures
- cost-effective approaches

Reduce casualties
- All road users
- All severities
SafetyCube aims

1) To **develop** new analysis methods for
   (a) **Priority** setting
   (b) Evaluating the **effectiveness** of measures
   (c) Monitoring serious injuries and assessing their socio-economic costs
   (d) Cost-benefit analysis taking account of human and material costs

This will allow to collect and compile information more efficiently
SafetyCube aims

2) **Apply** the new analysis methods to safety data to identify:

- key accident causation mechanisms
- risk factors
- most cost-effective measures for fatally and seriously injured casualties

Using these new techniques will support decision makers to apply the right solutions for the identified problem.
SafetyCube aims

3) Develop an web-based Road Safety Decision Support System which will remain operational and be accessed and updated beyond the completion of the SafetyCube project.
SafetyCube aims

4) Enhance the European Road Safety Observatory and work with road safety stakeholders to ensure the results of the project can be implemented as widely as possible
Project structure

Kick off meeting

WP 1
Project management

WP 2
Dissemination and Stakeholder Consultation

WP 3
Development and validation of the methodological framework

WP 4
Road user behaviour analysis

WP 5
Infrastructure safety analysis

WP 6
Vehicle safety analysis

WP 7
Serious road injuries, analysis and strategy

WP 8
European road safety policy decision support system

Government and Industry road safety stakeholders

European Commission, related research projects
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WP 8 European road safety policy decision support system

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  - WP 1 Project management

- WP 2: Dissemination and Stakeholder Consultation
  - Government and Industry road safety stakeholders

- WP 3: Development and validation of the methodological framework
  - Accident analyses
    - WP 4: Road user behaviour analysis
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- WP 8: European road safety policy decision support system
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Contact

www.SafetyCube-project.eu