



## Work package structure

01

### WP1 - State of the Art

The first phase of the project SecMan, WP1 – State of the Art, identifies several national and international projects, ongoing and completed, the results of which can be employed during the course of the present project. In particular the projects SKRIBT - Protection of Critical Bridges and Tunnels in a Road Network and SeRoN - Security of Road Transport Networks inherit valuable outcomes. Furthermore, the literature analysis showed that there has been much debate on risk management, threat analyses and security for road infrastructures. Nevertheless, this has yet produced a substantial, holistic and practical guide for practitioners as well as professionals (i.e. owners/operators of road infrastructure) on how to deal with (man-made) threats.

Hence, the state of the art research has identified synergies and useful aspects, which will be taken into account in the course of the project. Additionally, the need for a security manual, as envisaged by the SecMan Consortium, became apparent as well.

02

### WP2 - Survey and Interviews

Determination of current situation regarding security risk management for road bridges and tunnels was reached by survey among owners/operators using comprehensive questionnaire. As WP2 serves also as the starting point for further work also opinions and proposals by owners/operators have been gained including their expectations about SecMan Manual.

It is evident that at the time being there are no common solutions about safety issues regarding important road infrastructure. Owners/operators support the aim for preparation of Security Risk Manual as main result of SecMan project. They don't have clear idea about the type of the manual but have exposed their expectations about what should be emphasized:

- Definition and evaluation of threats
- Definition of scenarios
- Identification of critical infrastructures

03

### WP3 - Scenarios for Infrastructures

Scenarios for infrastructures – was dealing with the identification of relevant man-made threats for tunnels and bridges. Additionally, a set of scenarios which were considered relevant for each specific threat was defined.

04

### WP4 - Assessment of Security Risks

Based on the results of WP3, in WP4 a practical process for the identification of critical road infrastructures based on generally accepted security aspects and the assessment of these infrastructures in a structured way regarding security relevant risks was developed.

05

### WP5 - Measures

WP5 follows the Assessment of Security Risk (WP4). This way, user can easily choose all necessary parameters for measures selection process according to assessed risks (WP4). Measures are grouped into groups:

- Network level measures,
- General object level measures,
- Measures for bridges,
- Measures for tunnels,
- Measures for accompanying infrastructure.

This way, user can choose between the measures on different levels (measure for each object or entire network) and according to object type (bridge, tunnel and accompanying infrastructure). Result of the Measure selection process is a list of relevant measures according to users definitions. Also simple software is prepared for the selection process.