



Informal Meeting of Regional Road Safety Observatories

Paris, 28-29 March 2023

Update on the European Road Safety Observatory



Peter Whitten,
DG Move Road Safety Officer



George Yannis,
NTUA Professor

European Road Safety Observatory (ERSO) 2020-2022

Content

- Road Safety Targets Monitor
- Statistical Report on Road Safety in the EU
- National Road Safety Profiles
- Facts & Figures
- Thematic Reports

https://road-safety.transport.ec.europa.eu/statistics-and-analysis/data-and-analysis_en

Facts & Figures

Descriptive statistics about a certain topic presented in tables and figures

Published

- ▶ Seniors
- ▶ Children
- ▶ Young people
- ▶ Buses & HGV
- ▶ Pedestrians
- ▶ Cyclists
- ▶ Powered two-wheelers
- ▶ Car occupants
- ▶ Light trucks
- ▶ Motorways
- ▶ Roads outside urban areas
- ▶ Urban areas
- ▶ Regional distribution of fatalities
- ▶ Single vehicle crashes
- ▶ Gender
- ▶ Serious injuries



Thematic Reports

A qualitative overview of the most important research questions and results on certain road safety topics

Published

- ▶ Speed
- ▶ Serious injuries
- ▶ Seniors
- ▶ Seat belt and child restraint systems
- ▶ Road Safety Performance Indicators
- ▶ Personal Mobility Devices
- ▶ Pedestrians
- ▶ Novice drivers
- ▶ Level crossings
- ▶ Fatigue
- ▶ Driver distraction
- ▶ Cyclists
- ▶ Alcohol, drugs and medicines
- ▶ Advanced driver assistance systems (ADAS)
- ▶ Post impact care
- ▶ Safe systems
- ▶ Professional drivers
- ▶ Motorcycles
- ▶ Mopeds
- ▶ Consequences of crashes
- ▶ Children

The ERSOnext project

➤ Objective

Support to the European Road Safety Observatory

➤ Partners

National Technical University of Athens (NTUA-GR)

Institute for Road Safety Research (SWOV - NL)

Kuratorium Für Verkehrssicherheit (KFV - A)



➤ Duration

36 months (April 2023 – March 2026)

➤ Framework

The project is carried out for the European Commission - Directorate General for Transport & Mobility (DG Move)



Objective

- Support to the European Road Safety Observatory (ERSO) with **enhanced, updated and integrated road safety data** and knowledge, following an integrated and holistic road safety approach
- ERSO contents will be enhanced by **new key outputs**, namely the Road Safety Performance Indicators and the Monitoring of National Road Safety Strategies
- ERSOnext output will address the **Safe System Approach** principles, as well as the key areas of the EU Road Safety Policy Framework 2021-2030

ERSOnext - Work Packages

- **WP1:** Project Management (PM)
- **WP2:** Annual Statistical Reports (ASR)
- **WP3:** Road Safety Country Profiles (CP)
- **WP4:** Facts and Figures (FF)
- **WP5:** Thematic Reports (TR)
- **WP6:** Infographics (IG)
- **WP7:** Road Safety Performance Indicators (RSPI)
- **WP8:** Monitoring National Road Safety Strategies (RSS)

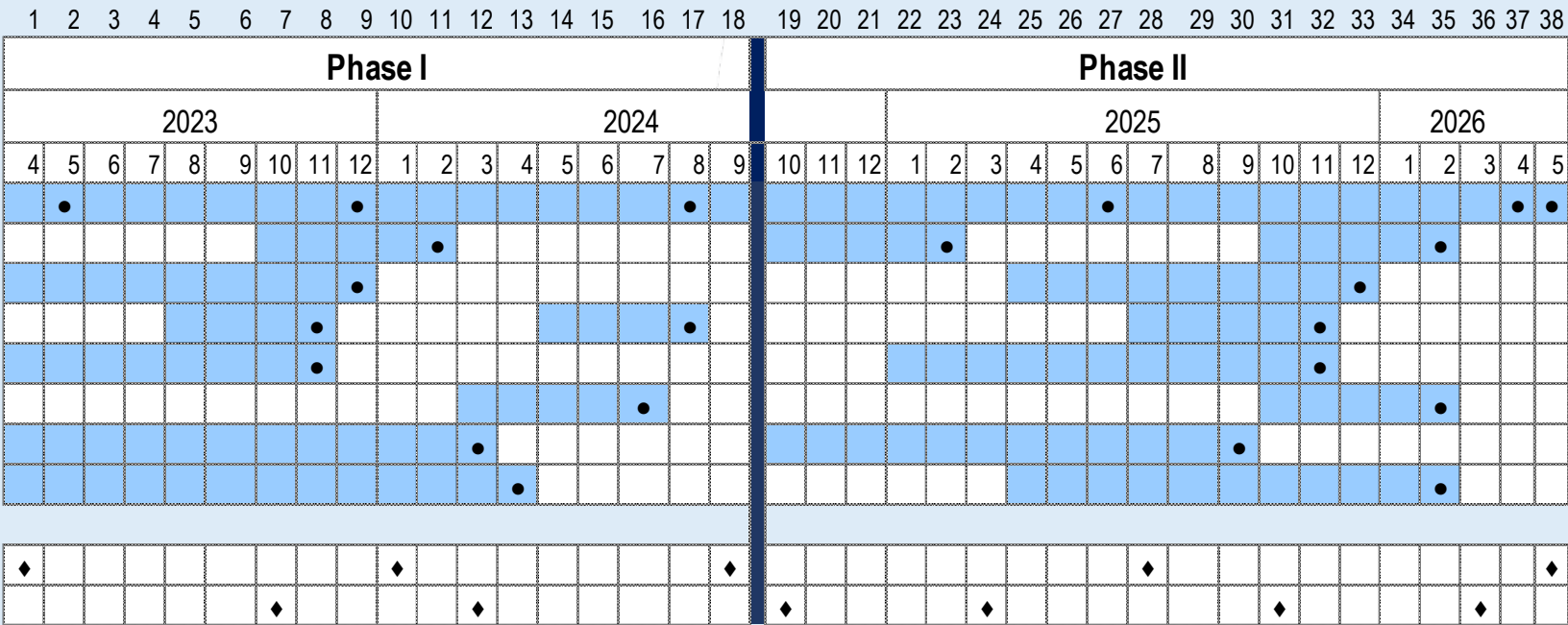


ERSONext - Timeline

ERSONext Timeline

WP1	Project Management
WP2	Annual Statistical Reports (ASR)
WP3	Road Safety Country Profiles (CP)
WP4	Facts and Figures (FF)
WP5	Thematic Reports (TR)
WP6	Infographics (IG)
WP7	Road Safety Performance Indicators (RSPI)
WP8	Monitoring National Road Safety Strategies (RSS)

Meetings with EC
Meetings with CARE Experts (indicative)



WP1 - Project Management

- **Timely processing** of all WP, Tasks and Deliverables
- Constant cooperation with **DG Move**
- **Cooperation** with Road Safety High Level Group and CARE Experts Group (asking for checking and input)
- **Presentations** on various Road Safety occasions
- Support the **communication campaigns** of DG Move



WP2 - Annual Statistical Reports (ASR)

- Update and improve the existing **Annual Statistical Reports** of all EU Member States and EFTA countries
- Update of the methodology, which may result in the **re-evaluation of the data**
- Automatic produce of ASRs with **enhanced tables and graphs**, including maps
- Three **complete annual updates of the ASRs**, with selected information on crashes, fatalities and serious injuries



WP3 - Road Safety Country Profiles (CP)

- Develop an enhanced version of the Country Profiles to present the **actual road safety situation** of a country
- Update and **re-evaluate the methodology** to identify changes in the available data, as well as additional information
- Utilize data and information from **a variety of sources** for each of the EU Member States and EFTA countries
- Provide **two complete annual updates** of all Country Profiles in 2023 and in 2025

N.	EU Member States and EFTA countries
1	Austria
2	Belgium
3	Bulgaria
4	Croatia
5	Cyprus
6	Czech Republic
7	Denmark
8	Estonia
9	Finland
10	France
11	Germany
12	Greece
13	Hungary
14	Ireland
15	Italy
16	Latvia
17	Lithuania
18	Luxembourg
19	Malta
20	Netherlands
21	Poland
22	Portugal
23	Romania
24	Slovakia
25	Slovenia
26	Spain
27	Sweden
28	Iceland
29	Liechtenstein
30	Norway
31	Switzerland

WP4 - Facts and Figures (FF)

- **Update and enhance** current Facts and Figures and draft several new ones
- Automatic production of **20 Facts & Figures reports**; updates of previous ones and also provision of new topics
- **New design** in the presentation, based on improved templates
- Deliver 10 FF in 2023 and 10 FF in 2024, while **update all reports in 2025**

N.	Topics of Facts and Figures
1	Children
2	Young People
3	Seniors
4	Pedestrians
5	Cyclists
6	Powered two-wheelers
7	Light trucks
8	Buses & HGV
9	New forms of mobility
10	Gender
11	Car occupants
12	Single vehicle crashes
13	Urban areas
14	Motorways
15	Serious injuries
16	Regional distribution of fatalities
+	4 Additional Topics

WP5 - Thematic Reports (TR)

- **Update and enhance** current Thematic Reports and draft several new ones
- **Define the details of the setup** per individual report, including the main issues that need to be covered
- Update old topics and add new ones about the **latest road safety findings and insights**
- Provide **20 Thematic Reports**, 8 in Phase I and 12 in Phase II

N.	Topics of Thematic Reports
1	Children
2	Novice drivers
3	Seniors
4	Pedestrians
5	Cyclists
6	Powered two-wheelers
7	Professional drivers
8	Personal mobility devices
9	Driver distraction
10	Main factors causing fatal crashes
11	Post impact care
12	Health-related crash consequences
13	Work-related road safety
14	Enforcement
15	Speed
16	Alcohol and drugs
+	4 Additional Topics

WP6 - Infographics

- Create a set of **interesting, eye-catching infographics** on various road safety topics
- Define a **suitable methodology** to display the most important results and information
- Develop **infovideos** for all infographics, upon consultation with the EC
- Provide **14 Infographics in total**, 6 in Phase I and 8 in Phase II



WP7 - Road Safety Performance Indicators

- **Analyze road safety performance** in EU Member States providing insights in road safety differences between countries
- Perform **cluster and regression analysis** to identify common road safety performance characteristics and explanatory factors
- Present **main road user behaviours and culture variables** along with additional background data
- Provide both a traditional research report as well as an **online interactive dashboard tool**

N.	Road Safety KPIs
1	Speeding
2	Distraction
3	Fatigue
4	Alcohol
5	Drugs
6	Seatbelts
7	Child restraint systems
8	Helmet usage PTW/cyclists
9	Support for policy measures
10	Subjective safety/risk perception

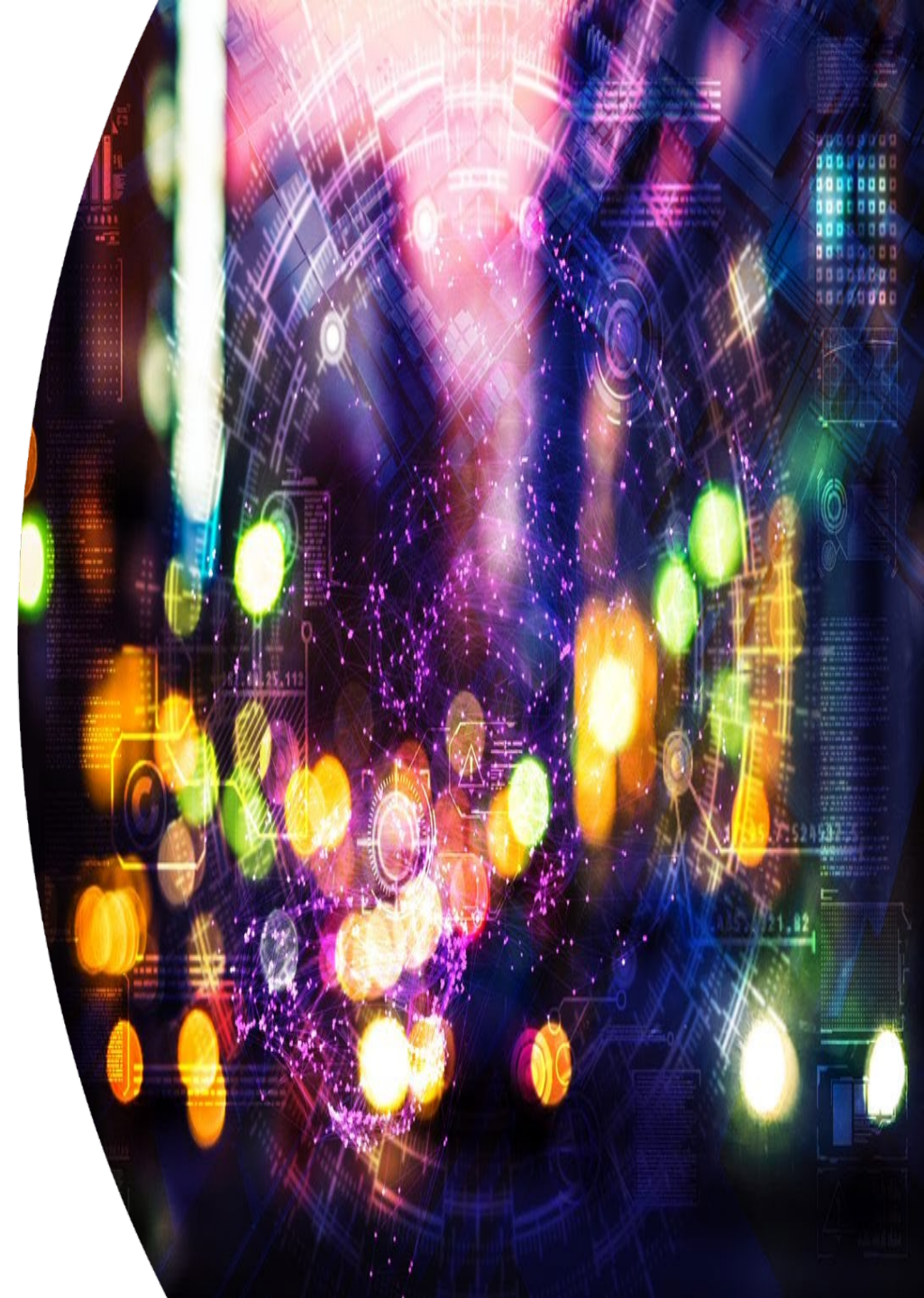
WP8 - Monitoring National Road Safety Strategies

- Provide to the EU Member States, a **comprehensive tool** for monitoring and assessing national road safety strategies / actions
- **Cooperate with responsible Authorities** for the necessary data and information
- Provide a set of **quantitative & qualitative indicators** measuring implementation progress and effectiveness
- Provide **27 country and 1 EU fiches**; draft reports in Phase I and final ones in Phase II



ERSOnext Deliverables

- In close cooperation and agreement with the European Commission, ERSOnext is going to **prepare and deliver**:
 - 3 Annual Statistical Reports
 - 31 Country Profiles
 - 20 Facts and Figures documents
 - 20 Thematic Reports
 - 14 Infographics (plus infovideos)
 - 1 Report on Road Safety Performance Indicators
 - 1 Report about the implementation of the road safety strategies in the EU countries



Integrated Communication Policy

- The deployment of the **support to the European Road Safety Observatory** is proposed to be structured around an integrated communication policy with targeted periodic road safety campaigns
- The objective of the integrated communication policy is to group the ERSOnext Deliverables into **Key Thematic Road Safety Areas**, being the core of the respective road safety campaigns.
- The wealth of data and information contained into ERSO will not only be updated and be available to all (**passive communication**) but also sent periodically to the European and Global Road Safety Audience (**active communication**).





Informal Meeting of Regional Road Safety Observatories

Paris, 28-29 March 2023

Update on the European Road Safety Observatory



Peter Whitten,
DG Move Road Safety Officer



George Yannis,
NTUA Professor