



National Technical University of Athens  
Road Safety Observatory

StreetsforLife  
#RethinkMobility

WE DEMAND  
SAFE AND SUSTAINABLE  
MOBILITY

Friday  
19 May  
2023  
13:00-17:00

Workshop  
in the framework of  
7th UN Global Road Safety Week  
Road Safety Research Challenges

DECADE OF ACTION FOR  
ROAD SAFETY  
2021-2030

[unroadsafetyweek.org](http://unroadsafetyweek.org)

# Support to the European Road Safety Observatory - ERSOnext

**Marianthi Kallidoni**

Transportation Engineer

Together with:  
Katerina Folla, George Yannis

# The ERSOnext project

## ➤ Partners

National Technical University of Athens (NTUA-GR)  
Institute for Road Safety Research (SWOV - NL)  
Austrian Road Safety Board (KFV - AT)

## ➤ Duration

36 months (April 2023 – March 2026)

## ➤ Framework

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





# Background

- The European Commission (EC) set a new **50% reduction target** for road crash fatalities and for serious injuries for 2030.
- The **European Road Safety Observatory** (ERSO) is the information system of the EC on road safety practices and policy in European countries.
- National crash data are integrated into the **European Commission (CARE) database**

# Objective

- Support to the 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.



# 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)



# Data and Information

- 3 Annual Statistical Reports
- 31 Country Profiles for EU and EFTA Countries
- 20 Facts and Figures:

- Children
- Young People
- Seniors
- Pedestrians
- Cyclists
- Powered two-wheelers
- Light trucks
- Buses & HGV
- New forms of mobility
- Gender
- Car occupants
- Single vehicle crashes
- Urban areas
- Motorways
- Serious injuries
- Regional distribution of fatalities
- 4 Additional Topics



# Knowledge

## ➤ 20 Thematic Reports:

- Children
- Novice drivers
- Seniors
- Pedestrians
- Cyclists
- Powered two-wheelers
- Professional drivers
- Personal mobility devices
- Driver distraction
- Main factors causing fatal crashes
- Post impact care
- Health-related crash consequences
- Work-related road safety
- Enforcement
- Speed
- Alcohol and Drugs
- 4 Additional Topics

## ➤ 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 ERSO contains a **unique wealth of data** and information, in a condensed and organized way.
- It constitutes **the example Observatory** for all Regional Road Safety Observatories globally.
- However, this wealth of data and information is accessible mostly in a **passive way**: everyone can consult and exploit it, as far as they can find it.
- Within the new era of ERSO, a more **active and integrated communication policy** is foreseen, with targeted periodic campaigns to a wide European and Global road safety audience.



# Streets for Life



- The continuous and systematic monitoring of EU road safety performance allows for a **better understanding of accident causalities** within urban areas.
- ERSO publications will contribute to the **proactive treatment of road safety problem** by city authorities and policy makers in order to prevent urban casualties.
- ERSO's reliable data and information will promote the **development of city strategies and actions** to make cities safer for all road users.



# Scientific and Social Impact

- ERSO is a **powerful road safety information system** with comparable information among European countries.
- Publication of road safety performance and delivering feedback on specific risk factors to targeted audiences may **motivate population to adopt safer behaviour**.
- ERSO will constitute the **basis for monitoring and evaluating the road safety progress** at national and EU level over the period 2021-2030.






# Future Challenges

- ERSO should guide European decision makers to **collect and exploit systematically** high quality road safety data in order to better support local, regional and national policies, programmes and measures.
- Crash and KPI data in **higher detail** should be collected at EU level, so that more critical and hidden road safety properties are revealed and more appropriate solutions are identified
- The **use of new technologies** in data collection can be explored in the future, taking into account all the potential opportunities and challenges.







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