The SaferAfrica
African Road Safety Observatory

George Yannis, Stergios Mavromatis, Katerina Folla, Dimitris Nikolaou
NTUAthens

4th SaferAfrica Dialogue Platform Workshop, April 4th 2019, Brussels

Co-funded by the Horizon 2020 Framework Programme of the EU under Grant Agreement No 724029
Africa presents the highest traffic fatality rates globally, with almost 3x higher fatality risk than Europe.

Source: WHO 2018
Road Safety in Africa (2/2)

• More than half of all fatalities in the world concern VRUs (motorcyclists, cyclists, pedestrians)

• The African Region has the highest proportion of pedestrian and cyclist fatalities (44%) of all road traffic deaths

• This is partly attributed to the fact that walking and cycling are important means of transport in Africa

Source: WHO 2018
Why SaferAfrica?

- **300,000** traffic fatalities and over **5mil.** injured per year

- Opportunity to **exchange** information and experience between Europe & Africa

- **Assist** with evidence and data gathering
- **Strengthen** capacity and **identify** training needs
- **Transfer** and **share** good practices
The SaferAfrica Project

- **Funded** under the Horizon 2020 Mobility for Growth (MG-3.6-2016 – Euro-African initiative on road safety and traffic management)

- **Title:** SaferAfrica - Innovating Dialogue and Problems Appraisal for a Safer Africa

- **Duration:** 36 months (Oct 2016 – Sep 2019)

- **Project Leader:** University of Roma – La Sapienza
# Project Partners

<table>
<thead>
<tr>
<th>Participant Organisation Name</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research Centre for Transport and Logistics (CTL) - Coordinator</td>
<td>Italy</td>
</tr>
<tr>
<td>National Technical University of Athens (NTUA)</td>
<td>Greece</td>
</tr>
<tr>
<td>Belgian Institute for Road Safety (IBSR)</td>
<td>Belgium</td>
</tr>
<tr>
<td>International Road Federation (IRF)</td>
<td>Switzerland</td>
</tr>
<tr>
<td>IFSTTAR</td>
<td>France</td>
</tr>
<tr>
<td>Loughborough University (LOUGH)</td>
<td>UK</td>
</tr>
<tr>
<td>National Laboratory of Civil Engineering (LNEC)</td>
<td>Portugal</td>
</tr>
<tr>
<td>Institute of Road Safety Research (SWOV)</td>
<td>Netherlands</td>
</tr>
<tr>
<td>SITRASS</td>
<td>France</td>
</tr>
<tr>
<td>Agency for the Promotion of European Research (APRE)</td>
<td>Italy</td>
</tr>
<tr>
<td>Vehicle and Traffic Safety Centre (SAFER)</td>
<td>Sweden</td>
</tr>
<tr>
<td>National Advanced School of Public Works (ENSTP)</td>
<td>Cameroon</td>
</tr>
<tr>
<td>Handicap International (HI)</td>
<td>Belgium</td>
</tr>
<tr>
<td>Abidjan – Lagos Corridor Organisation (OCAL)</td>
<td>Benin</td>
</tr>
<tr>
<td>ICI-Santé (ICI)</td>
<td>Burkina Faso</td>
</tr>
<tr>
<td>International Motor Vehicle Inspection Committee (CITA)</td>
<td>Belgium</td>
</tr>
</tbody>
</table>
SaferAfrica Objectives

- Create **favorable conditions** and opportunities for the **effective implementation of actions and knowledge** for road safety and traffic management in African countries by setting up
  - **Dialogue Platform** between Africa and Europe
  - **African Road Safety Observatory** (African-RSO)
SaferAfrica Overall Concept

- Institutional level

- Technical level

- Both levels closely interconnected
  - Foster the appropriate match between African road safety policy evolution
  - Enhance knowledge
  - Deliver institutional capacity
African-RSO vs SaferAfrica

- Solid interconnection
- Continuous update from the project’s 4 core pillars (4 WPs)
  - Road Safety Knowledge & Data
  - Road Safety & Traffic Management Capacity Reviews
  - Capacity Building & Training
  - Sharing Good Practices

based on
- Work carried out
- Findings reached
African-RSO Objectives

• Provide a **tool** for African citizens to highlight the relevant road safety needs
• **Monitor** existing strategies and implemented road safety policies in African countries
• Provide a **space for interaction** with stakeholders and networking of relevant actors
• **Collect** road safety data from various national and international (WHO, IRF) sources
• **Present** the road safety situation and trends at national, regional and continental level
• **Analyze** data and provide recommendations to improve road safety in Africa
• **Promote** road safety good practices to policy makers through proven efficacy and transferability assessment
African-RSO Design

- Modern web-based tool
- Highly ergonomic interface
- Simple structure
- Documented information
- Continuously updated
African-RSO Users

• Public authorities
  local, regional, national

• Road safety experts

• NGOs

• Mass Media

• End users
African-RSO Structure

- Home
- Dialogue
- Participate
- Knowledge
- Data
- Contacts
- About

www.africanroadsafetyobservatory.org
African-RSO Dialogue Platform

- Encourage constructive engagement and dialogue of citizens, policy makers, researchers and other stakeholders
- Produce knowledge to impact road safety funding, policies and interventions in Africa

- Management Board
  - Institutions and competent authorities at country and continent levels tackling regulatory, financing and planning concerns

- Stakeholders Group
  - External partners constituted by African public bodies, international research institutions and NGOs
    - consultative project body aimed to strengthen the compliance between the project and the needs of the society

- Useful Links
African-RSO Participate

- Crowdsourcing tool
  - Reporting of road safety problems
  - Proposing solutions

- Surveys
  - Links to information on SaferAfrica surveys and their results
African-RSO Knowledge

- Road Safety Management
  - Capacity reviews
  - Road safety strategies
  - Supporting documents

- Capacity Building
  - Road safety courses
  - SaferAfrica webinars

- Good practices
  - Global and African measures, policies

- Multimedia library
African-RSO Data

• **Statistics**
  – Final outcomes
  – Policy context
  – Policy performance
  – Infographics

• **Analysis**
  – Data collection
  – Factsheets
    • Country
    • Thematic
  – Under-reporting
African-RSO Contacts

• African

• International
African-RSO vs European-RSO

- European-RSO serves as reference, but **fine-tuned**
  - Specific needs of African stakeholders
  - Particularities of road safety problems
  - Availability and quality of data in African countries

- African-RSO is **integrated** with crowdsourcing functions
  - Facilitate the participation of experts and end users
African-RSO Challenges

• Develop **strategies** to systematically improve road safety management

• Improve evidence based decision making in Africa through **better safety data** and knowledge

• Adapt the principles of the **Safe System approach** in Africa

• Unite all African countries in realizing the importance of road safety, by setting **common strategies and targets**

• Increase the **awareness** of African stakeholders, policy makers and end users on road safety
The SaferAfrica
African Road Safety Observatory
George Yannis, Stergios Mavromatis, Katerina Folla, Dimitris Nikolaou
NTUAthens

4th SaferAfrica Dialogue Platform Workshop, April 4th 2019, Brussels
Co-funded by the Horizon 2020 Framework Programme of the EU under Grant Agreement No 724029