The African Road Safety Observatory

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Together with:
Katerina Folla, Dimitris Nikolaou, Alexandra Laiou, George Yannis

Workshop:
Digitalisation and Road Safety Research
Friday 17 May 2019 at 14:00

FIFTH UNITED NATIONS GLOBAL ROAD SAFETY WEEK
6-12 May 2019
Save Lives # Speak Up

The African Road Safety Observatory

SAFER AFRICA
The SaferAfrica project

- Project partners:

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

- Operational Program:
  - Horizon 2020, Mobility for Growth
Background

- Africa presents the highest traffic fatality rates globally, with almost 3x higher fatality risk than Europe.

- The African Region has the highest proportion of pedestrian and cyclist fatalities (44%) of all road traffic deaths.
  - partly attributed to the fact that walking and cycling are important means of transport in Africa.

Source: WHO 2018
Research Questions

- 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)**
Methodological Challenges

- 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
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
African-RSO Design

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

www.africanroadsafetyobservatory.org
African-RSO Participate

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

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

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

Analysis
• Data collection
• Factsheets
  • Country
  • Thematic
• Under-reporting
Scientific and Social Impact

- 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
Future 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
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