The African Road Safety Observatory

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Africa presents the highest traffic fatality rates globally, with almost three times higher fatality risk than Europe.
Road Safety in Africa (2/2)

• More than half of all fatalities in the world concern VRUs (motorcyclists, cyclists and 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
- Identify requirements for **skills** development and training needs
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

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<tr>
<th>Participant Organisation Name</th>
<th>Country</th>
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<tbody>
<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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<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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<tr>
<td>Agency for the Promotion of European Research (APRE)</td>
<td>Italy</td>
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<tr>
<td>Vehicle and Traffic Safety Centre (SAFER)</td>
<td>Sweden</td>
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<td>National Advanced School of Public Works (ENSTP)</td>
<td>Cameroon</td>
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<td>Handicap International (HI)</td>
<td>Belgium</td>
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<td>Abidjan – Lagos Corridor Organisation (OCAL)</td>
<td>Benin</td>
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<td>ICI-Santé (ICI)</td>
<td>Burkina Faso</td>
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<td>Sub-Saharan Africa Transport Policy Program (SSATP)</td>
<td>Kenya</td>
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<td>International Motor Vehicle Inspection Committee (CITA)</td>
<td>Belgium</td>
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SaferAfrica Objectives

- Create **favorable conditions** and opportunities for the **effective implementation of actions** for road safety and traffic management in African countries, by setting up a **Dialogue Platform** between Africa and Europe.
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
Road Safety Knowledge & Data WG

- Develop **knowledge and management tools** for setting up an African Road Safety Observatory (African-RSO)
  - Expand the knowledge, support and increase the awareness of African stakeholders, policy makers and end-users on road safety
    - collect, analyzing and facilitating the dissemination of road safety data including safety performance indicators
    - identifying risk factors
    - supporting the definition of effective and efficient policies – measures
    - introducing good practices
    - providing specialized information – opinions on specific issues for users

George Yannis, Professor NTU Athens | Developing the African Road Safety Observatory
**African Road Safety Observatory (RSO)**

- **Solid interconnection** with SaferAfrica project
  - 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

www.africanroadssafetyobservatory.org
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 improve road safety in Africa
• Promote road safety good practices to policy makers through proven efficacy and transferability assessment
African-RSO Structure

• About the African-RSO
• Statistics
• Road Safety Management
• Good Practices
• Capacity Building
• Dialogue Platform
• News

www.africanroadsafetyobservatory.org
African-RSO Statistics

- Data Collection
- Indicators
- Infographics
- Analysis
- Underreporting
  - Accidents, Exposure, Performance Indicators
  - Thorough Quality Control

According to WHO estimations, the highest fatality rates per million population were recorded in Libya (734), Malawi (350) and Liberia (337).

Based on the reported number of fatalities by countries, Libya, Central African Republic and Democratic Republic of Congo have the worst road safety performance.
African-RSO Road Safety Management

- Assess status of traffic and road safety management
- Develop remedial and sustainable programs and actions

African-RSO Good Practices

• Collection of effective measures and policies from African and global experiences
  • infrastructure
  • behaviour
  • vehicle
  • management
African-RSO Capacity Building

- Highlight and assess the needs for training and education on road safety
- Specify the content of the training activities by providing modules and tools

African - Global Training material, Training Courses
African-RSO Dialogue Platform

- High-level body, established within the SaferAfrica project
  - support the implementation of African Road Safety Action Plan 2011–2020
  - support definition of initiatives to foster the implementation of the Action Plan
  - prepare projects “keys in hand” for the Dialogue Platform Management Board

- Different levels
  - institutional level
  - technical level
  - working groups
  - stakeholders group

Management Board Members

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<tr>
<td>EC - DG MOVE</td>
<td>AfDB – African Development Bank</td>
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<td>IRF – International Road Federation</td>
<td>FIA Foundation – Federation Int. de l’Automobile</td>
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<td>IRTAD – Int. Traffic Safety Data and Analysis Group</td>
<td>IRU – World Road Transport Organization</td>
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<tr>
<td>WHO – World Health Organization</td>
<td>UNECA – UN Economic Commission for Africa</td>
</tr>
<tr>
<td>WB / SSATP – World Bank / Africa Transport Policy Program</td>
<td>PIARC – World Road Association</td>
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George Yannis, Professor NTU Athens | Developing the African Road Safety Observatory
African-RSO News

- Support various road safety activities in Africa

- African, European, international
  - links to policy organizations, research institutes, etc.
  - web-resources (campaigns, etc.)
  - conferences – events
African-RSO vs European-RSO

- European-RSO will serve 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 will be 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
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