



The *SaferAfrica* African Road Safety Observatory

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

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

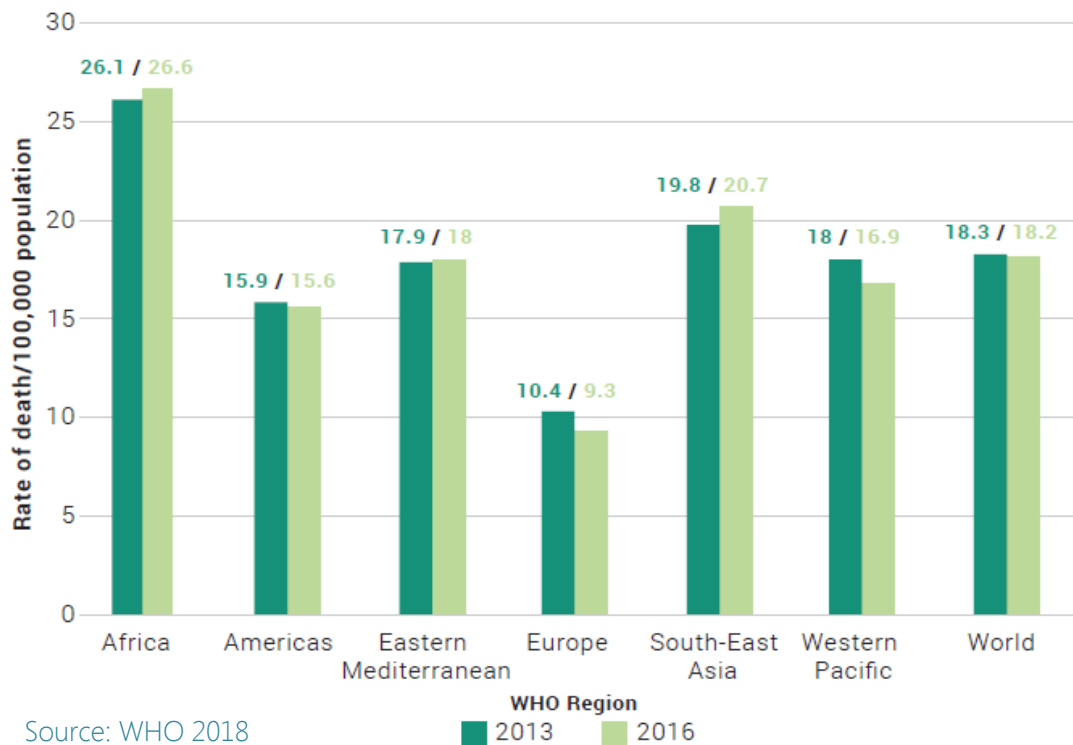


Co-funded by the Horizon 2020 Framework Programme of the EU under Grant Agreement No 724029

African-European Dialogue Platform on Road Safety

Road Safety in Africa (1/2)

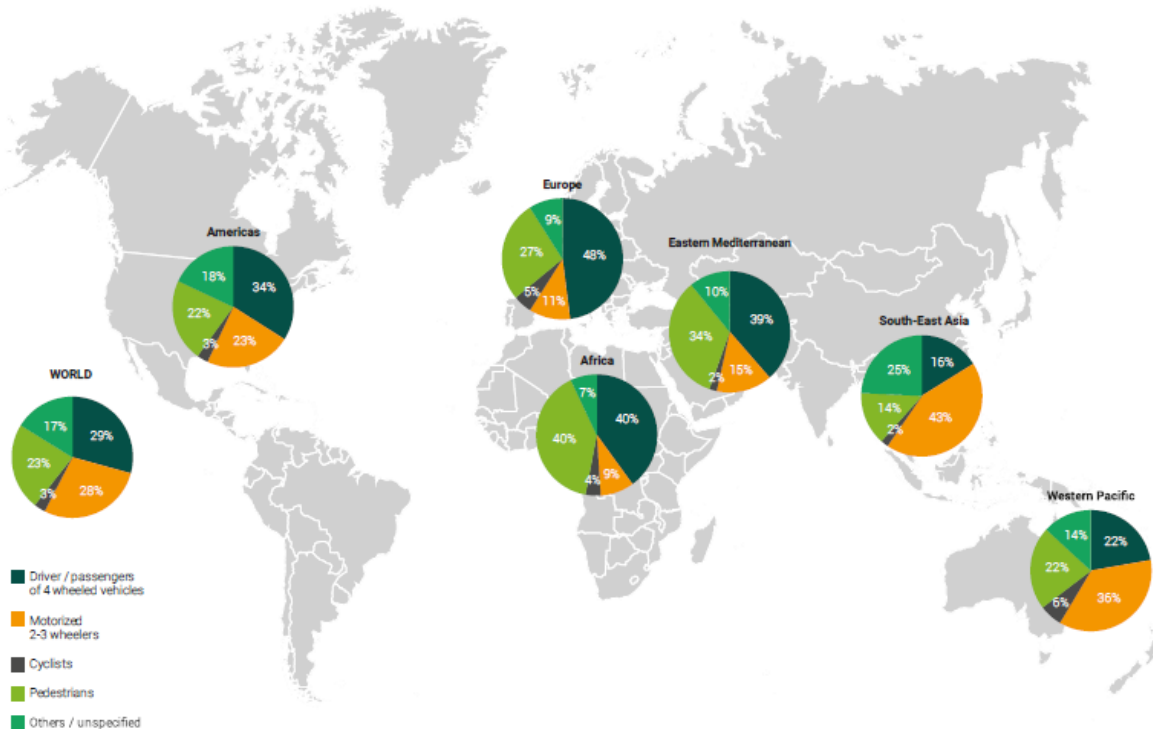
Africa presents the highest traffic fatality rates globally, with almost **3x higher** fatality risk than Europe.



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

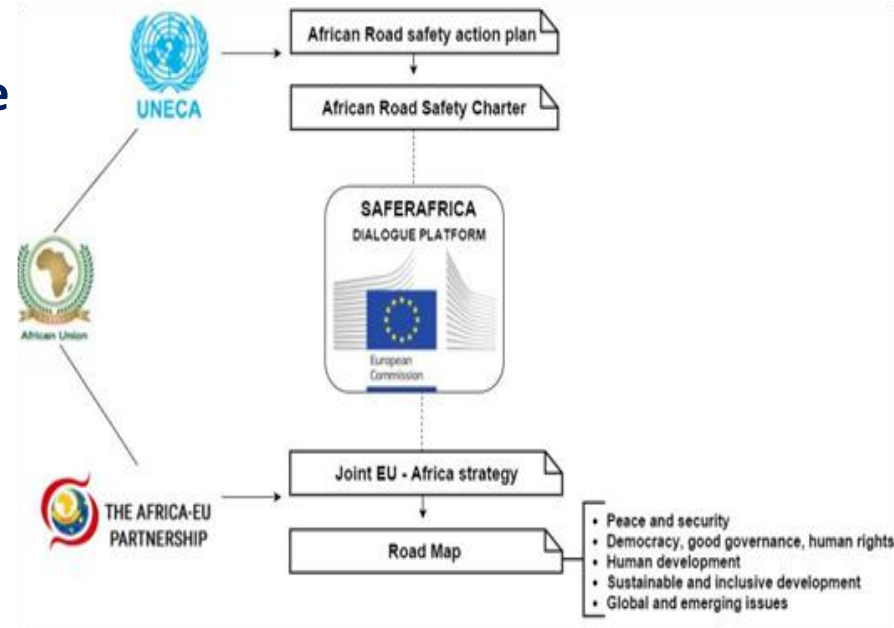


Project Partners

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

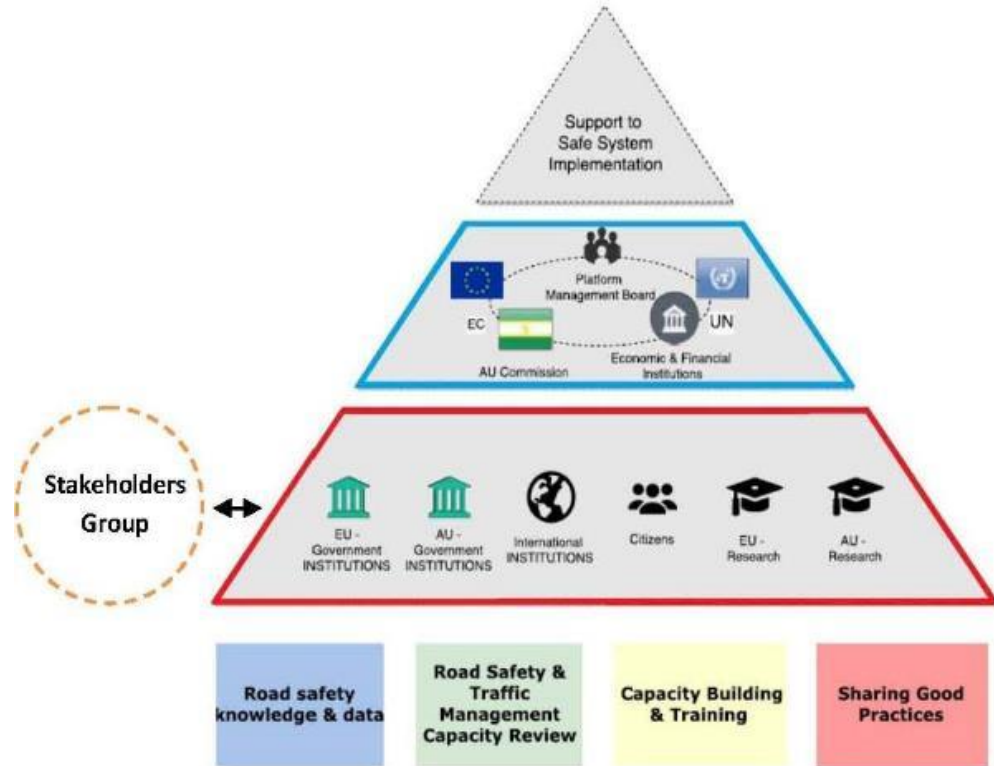
SaferAfrica Objectives

- 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

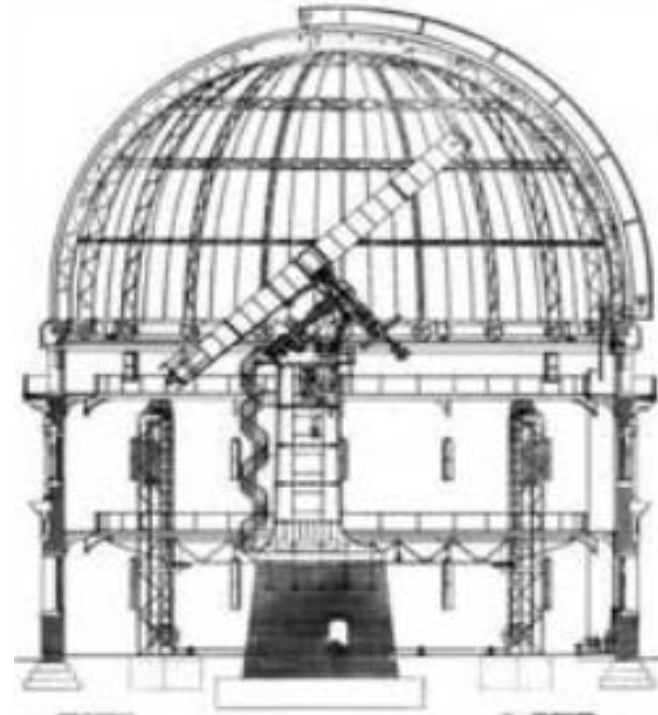


African-RSO vs SaferAfrica

- **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

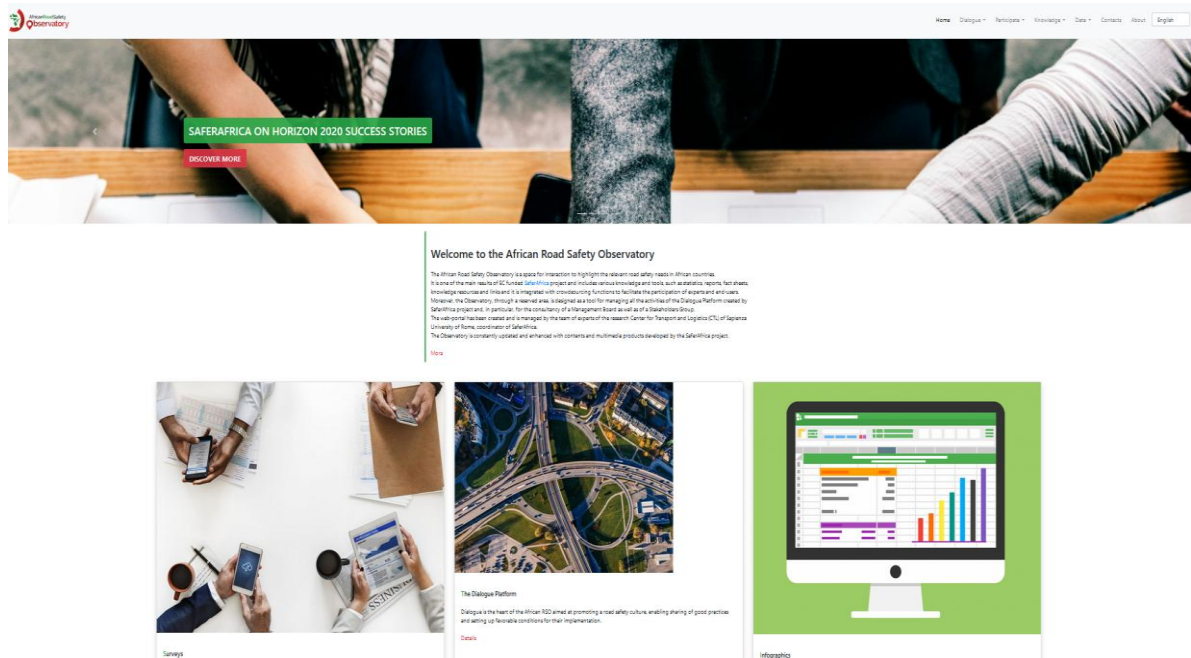


AFRICAN ROAD
SAFETY OBSERVATORY 

African-RSO Design

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

AFRICAN ROAD
SAFETY OBSERVATORY



African-RSO Users

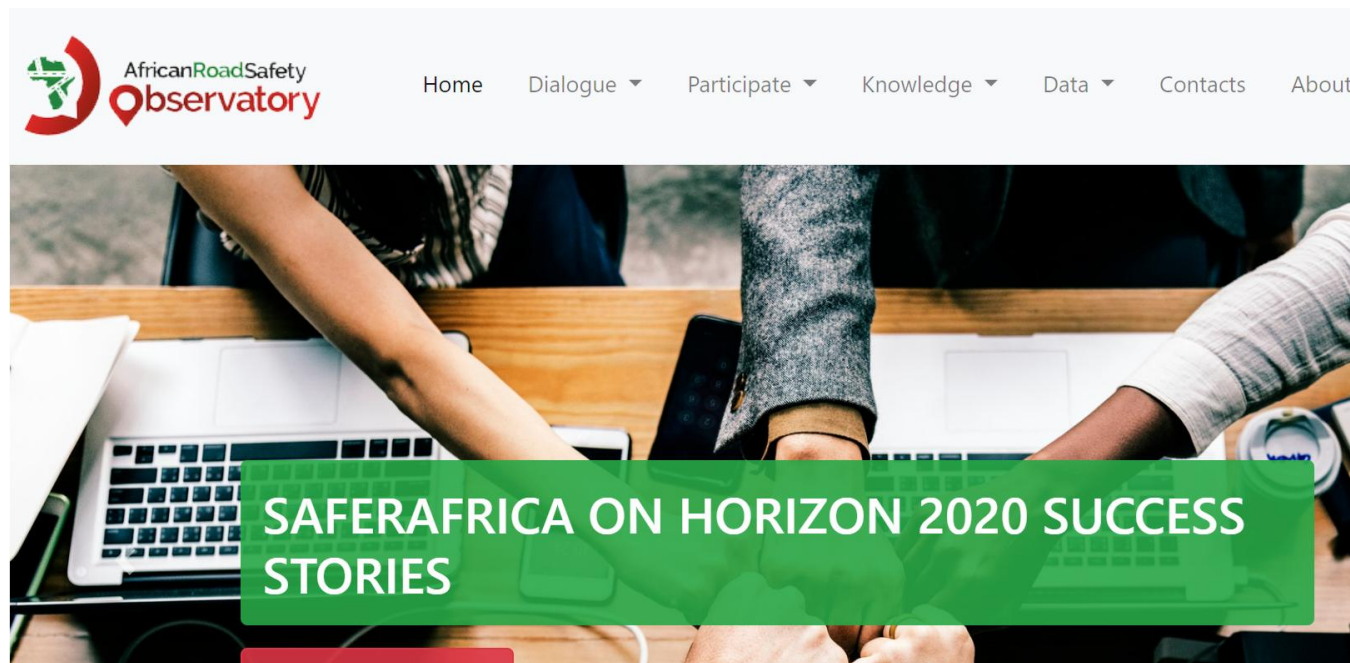
- Public authorities
local, regional, national
- Road safety experts
- NGOs
- Mass Media
- End users



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

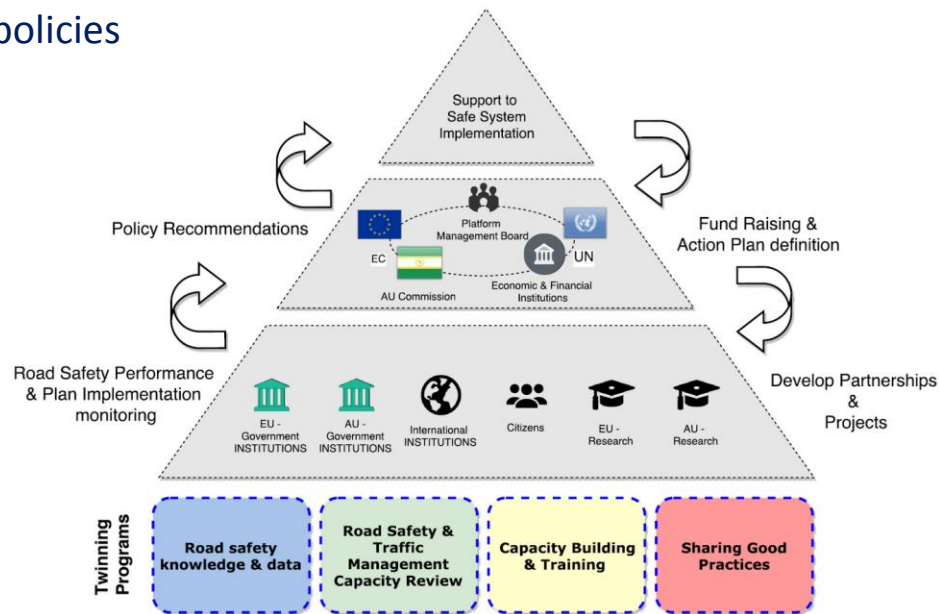
- **Management Board**

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

- **Stakeholders Group**

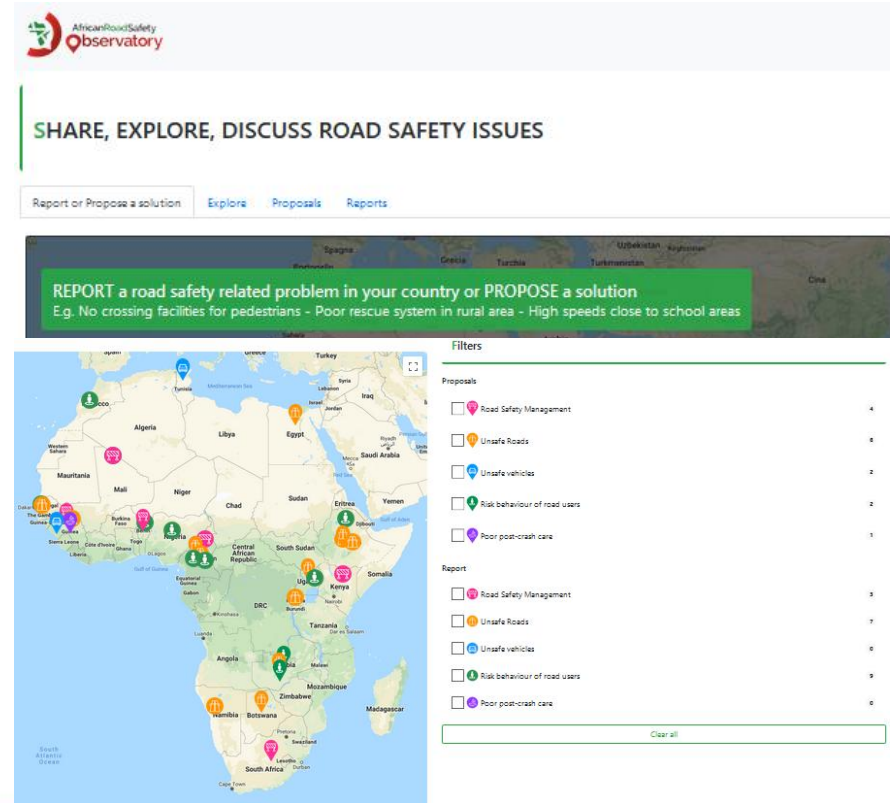
- External partners constituted by African public bodies, international research institutions and NGOs
- consultative project body aimed to strengthen the compliance between the project and the needs of the society

- **Useful Links**



African-RSO Participate

- Crowdsourcing tool
 - Reporting of road safety problems
 - Proposing solutions
- Surveys
 - Links to information on SaferAfrica surveys and their results



The screenshot shows the African Road Safety Observatory (ARSO) website. At the top, the logo reads "African Road Safety Observatory". Below it, the main heading is "SHARE, EXPLORE, DISCUSS ROAD SAFETY ISSUES". There are navigation tabs: "Report or Propose a solution", "Explore", "Proposals", and "Reports". A green banner below the navigation bar says: "REPORT a road safety related problem in your country or PROPOSE a solution. E.g. No crossing facilities for pedestrians - Poor rescue system in rural area - High speeds close to school areas". Below this is a map of Africa with various colored pins indicating reported issues or proposals. To the right of the map is a "Filters" section with two lists: "Proposals" and "Report". Each list contains five categories with checkboxes and counts:

Category	Count
<input type="checkbox"/> Road Safety Management	4
<input type="checkbox"/> Unsafe Roads	8
<input type="checkbox"/> Unsafe vehicles	2
<input type="checkbox"/> Risk behaviour of road users	2
<input type="checkbox"/> Poor post-crash care	1

Below the filters is a "Clear all" button.

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

 Multimedia Library



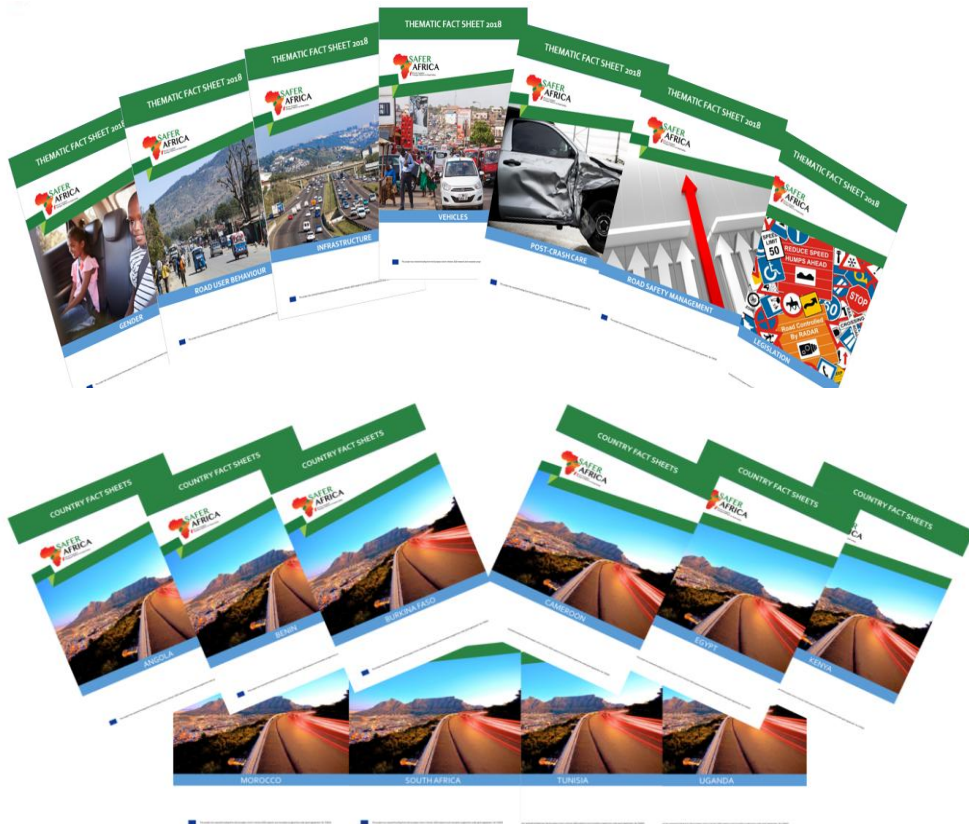
African-RSO Data

- **Statistics**

- Final outcomes
- Policy context
- Policy performance
- Infographics

- **Analysis**

- Data collection
- Factsheets
 - Country
 - Thematic
- Under-reporting



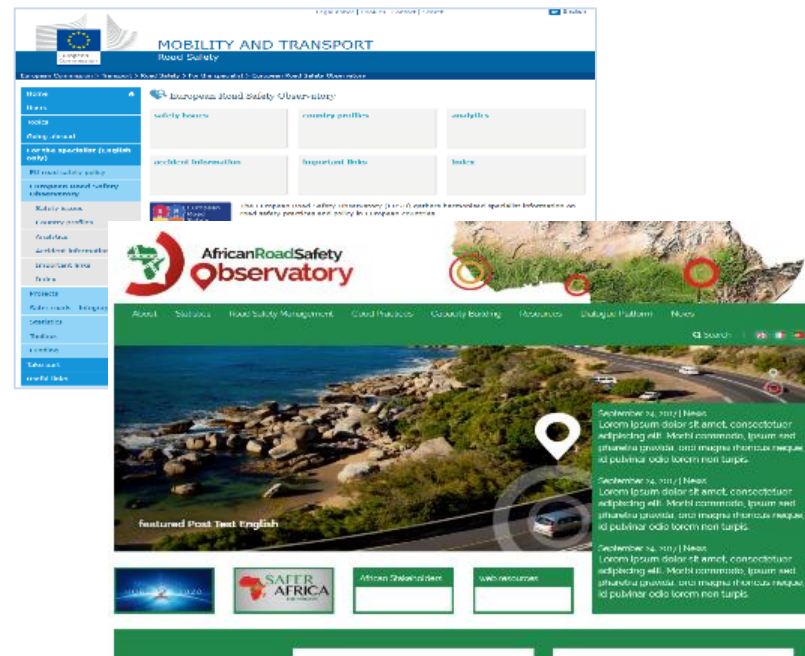
African-RSO Contacts

- 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

African-European Dialogue Platform on Road Safety