



**Transportation Research Board
97th Annual Meeting**

January 7–11, 2018 • Washington, D.C.

International Cooperation Committee (A0010)

Establishment of the African Road Safety Observatory

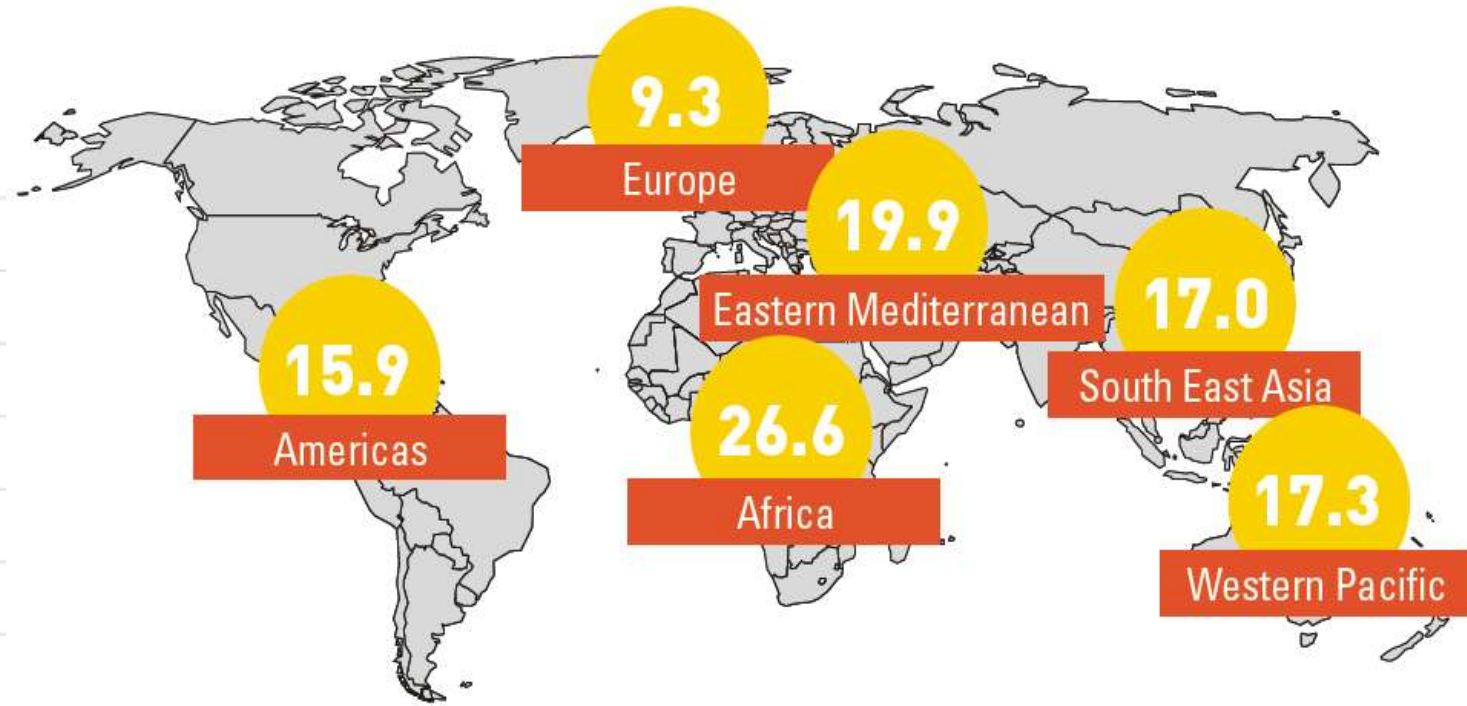
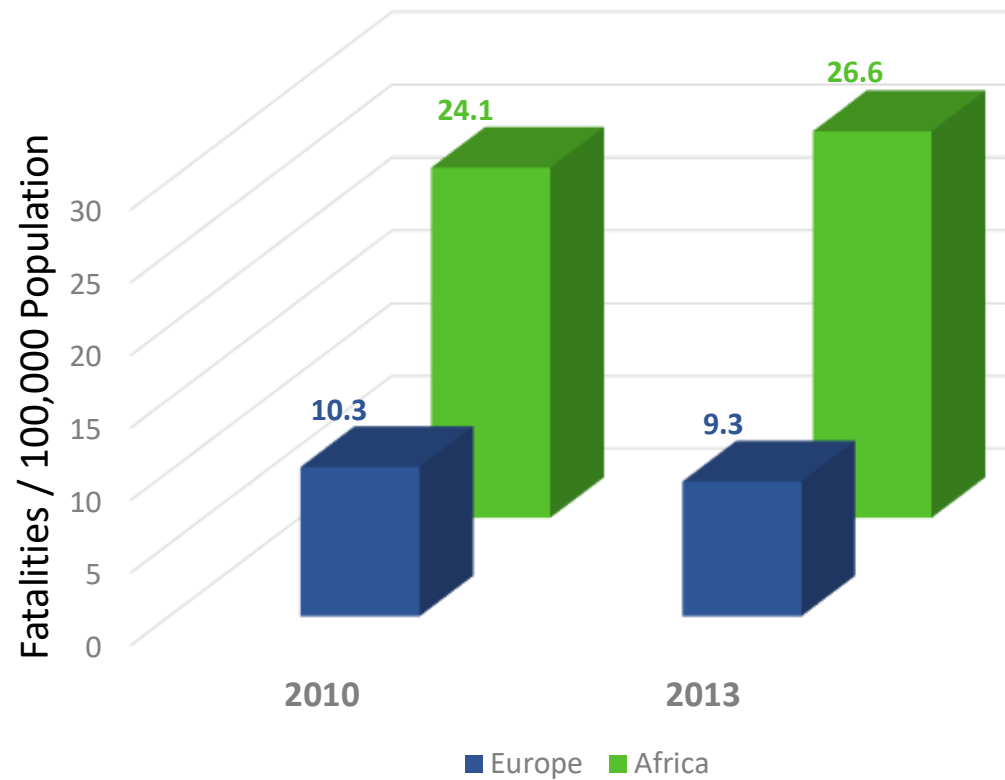
George Yannis, Stergios Mavromatis
National Technical University of Athens

Antonino Tripodi, Luca Persia
Centro di Ricerca per il Trasporto e la Logistica



Road Safety in Africa

Road traffic fatality rates per 100,000 population (WHO 2015)



Africa presents the **highest traffic fatality rates** globally, with almost three times higher fatality risk than Europe (WHO 2015)



Road Safety in Africa

Countries **reducing**
road fatalities in 2010-2013
(WHO 2015)

Nigeria, Namibia and South Africa
improved their road safety management
capacity levels
(WHO 2015)



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

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
Sub-Saharan Africa Transport Policy Program (SSATP)	Kenya
International Motor Vehicle Inspection Committee (CITA)	Belgium



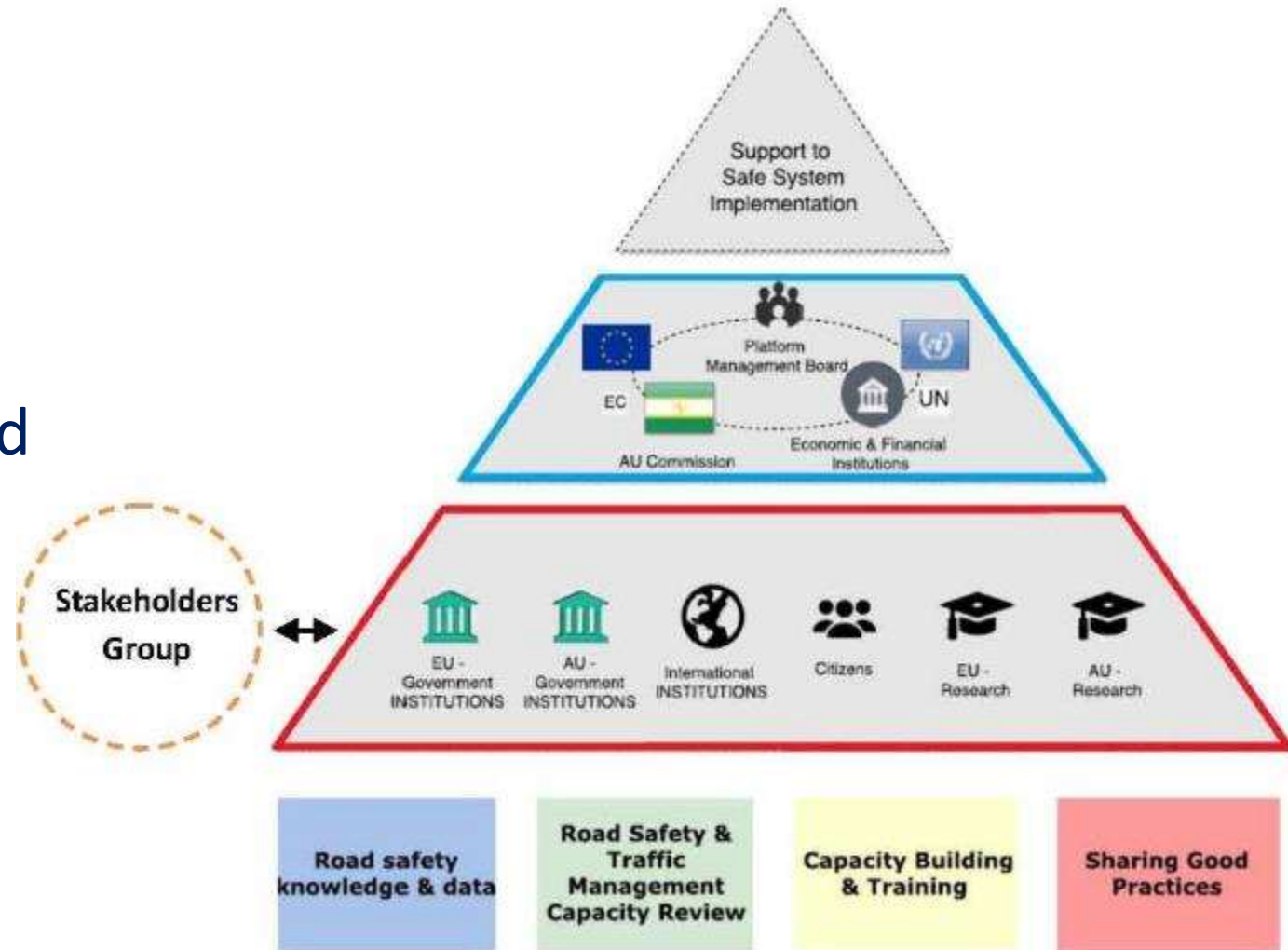
SaferAfrica Objectives

- 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



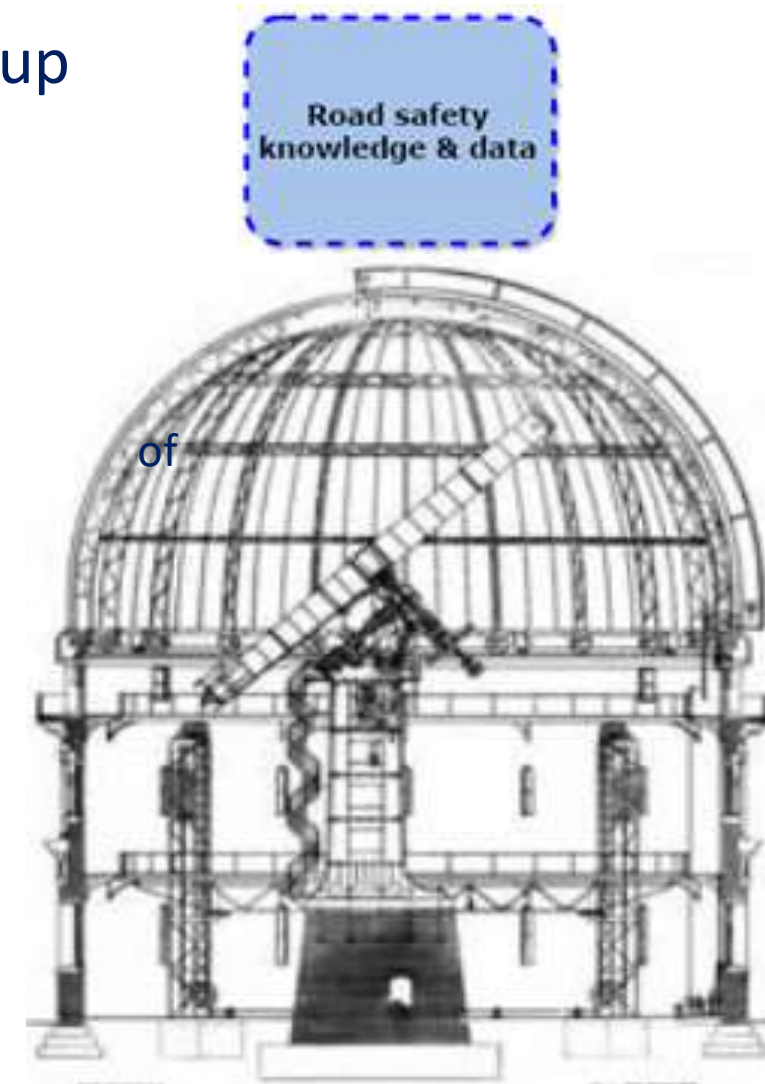
SaferAfrica Overall Concept

- 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
 - ✓ collecting, analyzing and facilitating the dissemination 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

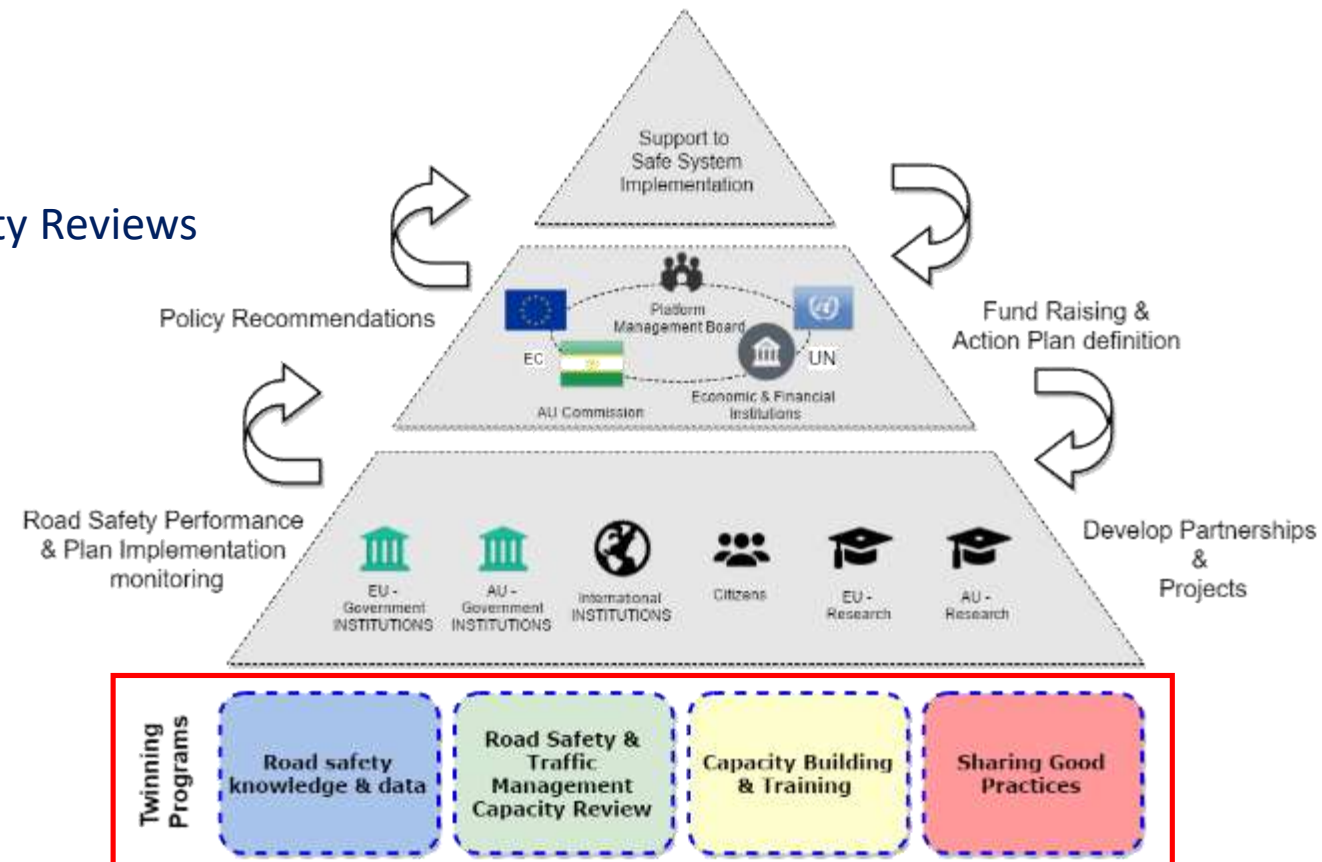


African Road Safety Observatory

- **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



African-RSO Objectives

- Assess the implementation of the **African Action Plan**
- Activate Twinning Programs between Africa and Europe
- Conduct capacity reviews
- Enable sharing of good practices
- Support capacity-building activities
- Assess thoroughly the needs of African stakeholders in terms of knowledge, data and information tools



AFRICAN ROAD
SAFETY OBSERVATORY 



African-RSO Structure

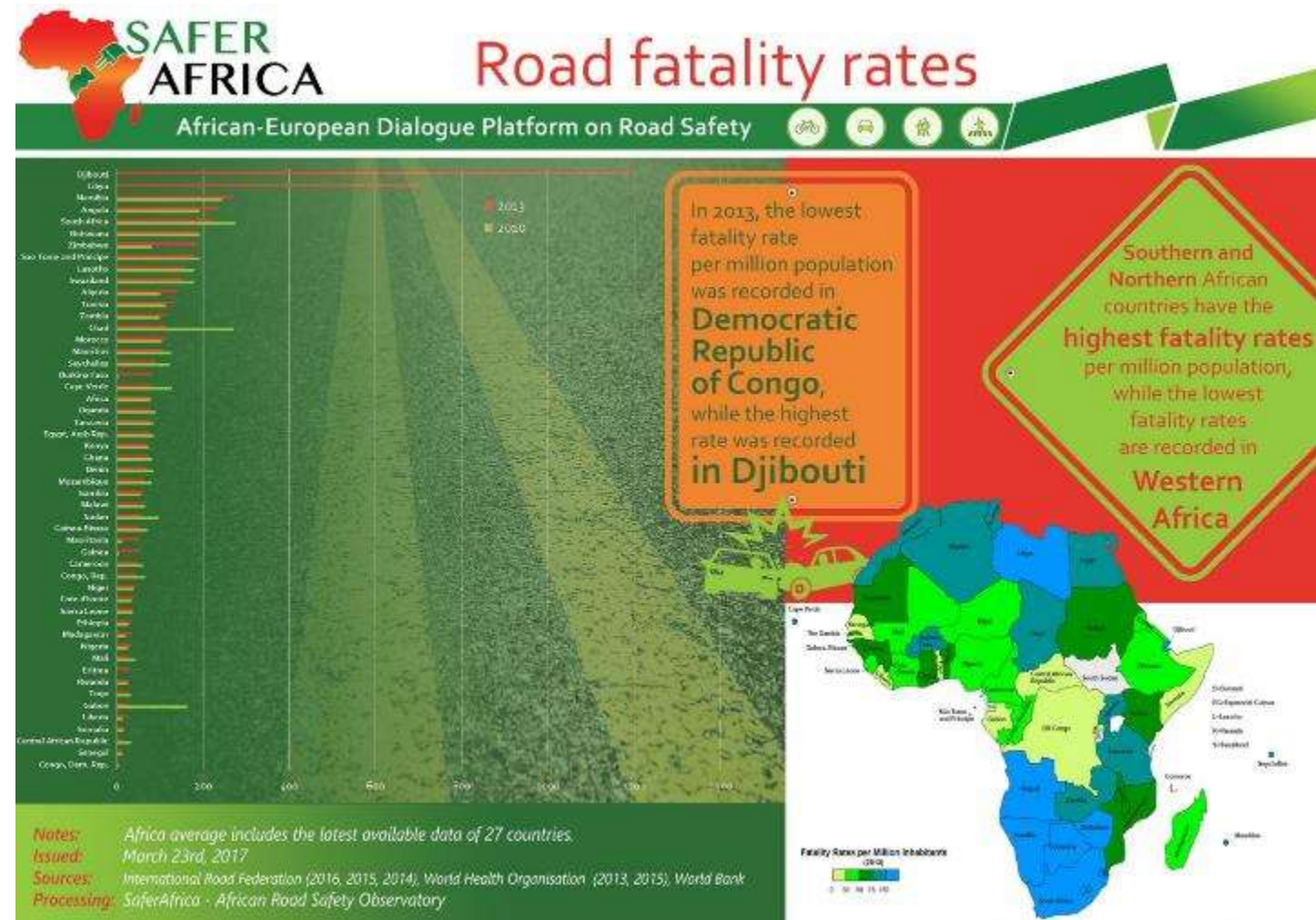
- **About the African-RSO**
- **Statistics**
- **Road Safety Management**
- **Good Practices**
- **Capacity Building**
- **Dialogue Platform**
- **News**

www.africanroadsafetyobservatory.org



African-RSO Statistics

- **Statistics**
 - Data
(comprehensive database)
 - Survey collected data
 - Statistics sheets
 - ✓ tables
 - ✓ figures
 - ✓ infographics
 - ✓ interactive maps
 - Statistics resources
 - Accidents, Exposure, Performance Indicators
 - Thorough Quality Control

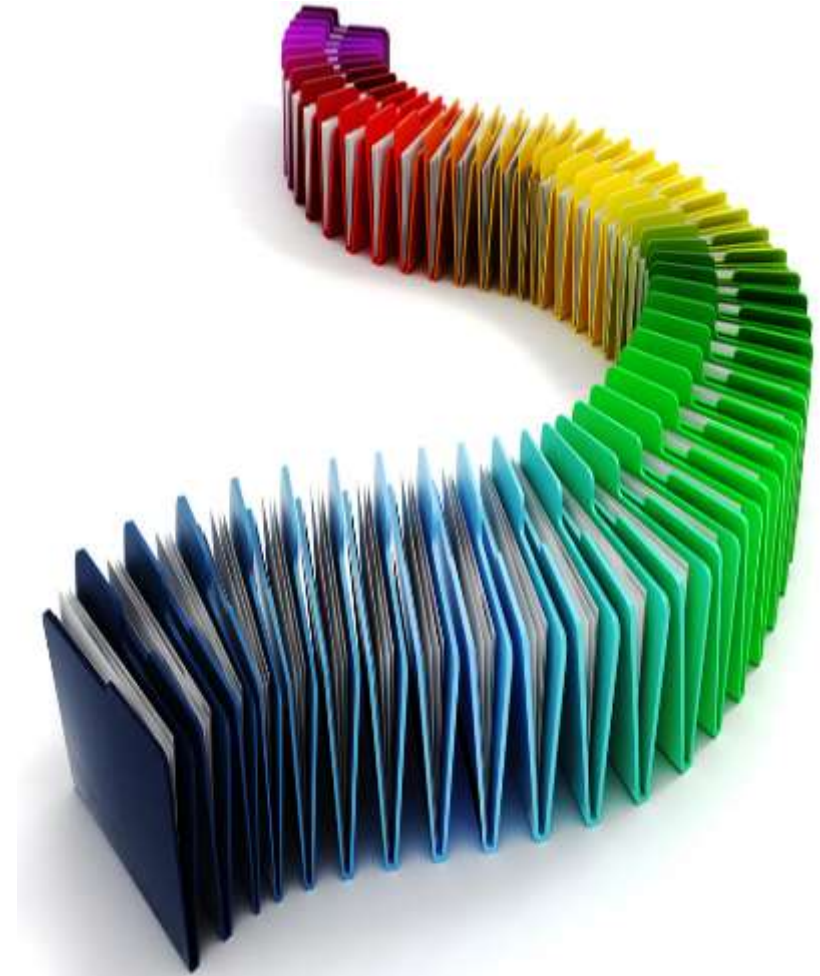


African-RSO Road Safety Management

- **Road Safety Management**
 - Assess status of traffic and road safety management
 - Develop remedial and sustainable programs and actions

African - Global

Policy Documents, Legislation, Strategies, Programmes, Guidelines and Standards, Annual Reports, Enforcement Initiatives, Management Plans, Development Plans



African-RSO Good Practices

- **Good Practices**
 - Collection of effective measures and policies from African and global experiences
 - ✓ infrastructure
 - ✓ behaviour
 - ✓ vehicle
 - ✓ management



African-RSO Capacity Building

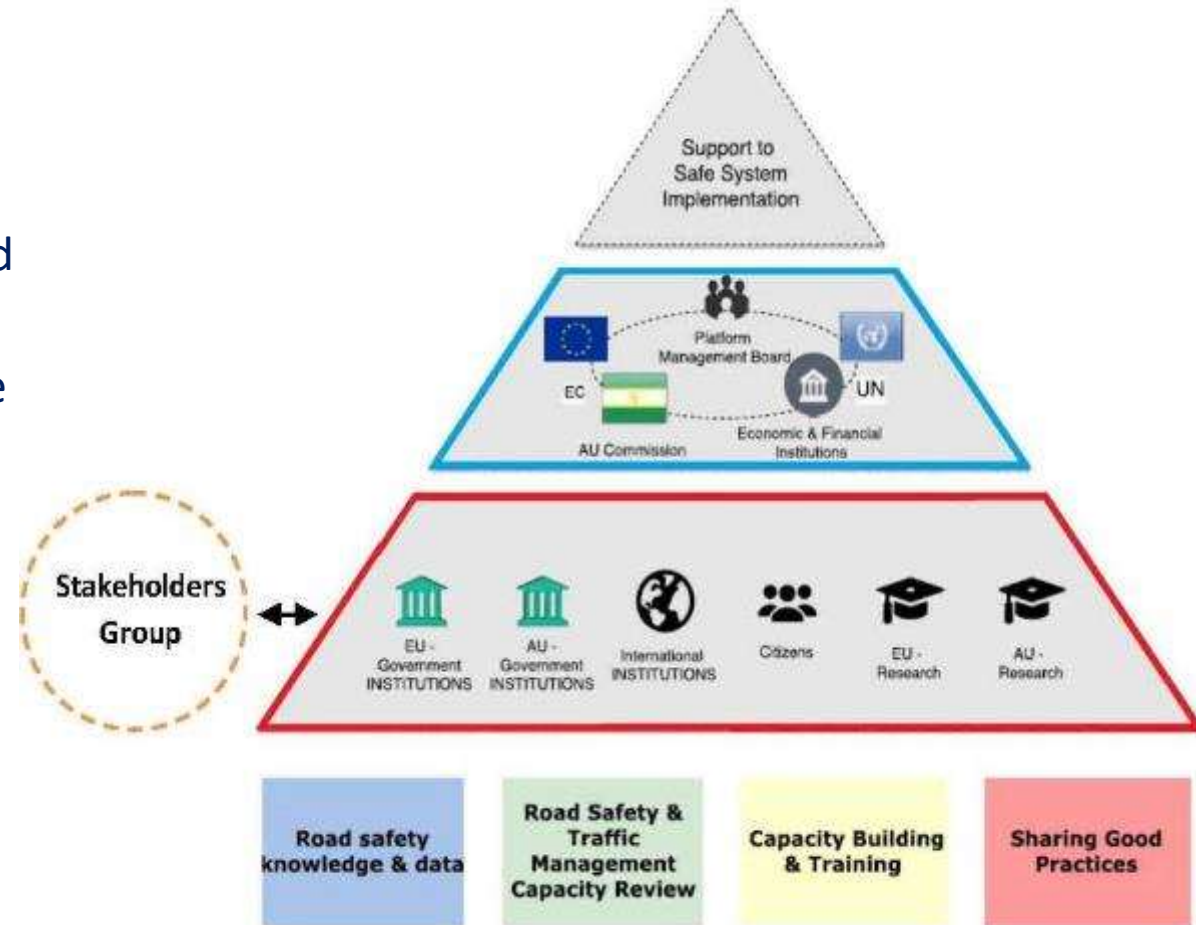
- **Capacity Building**
 - Highlight and assess the needs for training and education on road safety
 - Specify the content of the training activities by providing modules and tools

African - Global
Training material, Training Courses



African-RSO Dialogue Platform

- **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



African-RSO News

- News
 - Events
 - Conferences



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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