



International Road Federation  
Fédération Routière Internationale  
Federación Internacional de Carreteras

# Safe & Sustainable Mobility

24 January 2020

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[www.irfnet.ch](http://www.irfnet.ch)

# The International Road Federation

**Global, Independent, Not-for-profit Organisation**

Established in **1948**. Based in **Geneva**, Switzerland.

UN ECOSOC status since 1951.

Assisting **public** and **private** stakeholders in Roads & Mobility sector for the past **70 years** with:

## **3 Strategic Pillars of Activities**

- 1. Knowledge**
- 2. Connections**
- 3. Advocacy**



[www.irfnet.ch](http://www.irfnet.ch)

# Thematic Streams

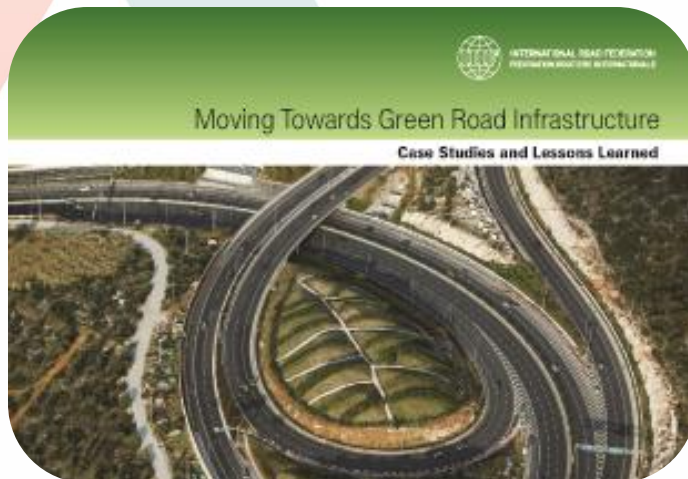


# IRF Environment & Climate Change Work

IRF Manifesto on  
Climate Change Adaptation



**CHANGER**  
Greenhouse Gas Calculator



IRF Policy Statement  
Environment



[www.irfnet.ch](http://www.irfnet.ch)

# 3rd Sustainable Mobility Conference

- Hosted by IRF/ADM/ASECAP in Marrakech on 26 Nov



# Foresight Sessions at PIARC WRC

- 2 TRB sponsored (Automation, Innovative Tech.)
- 2 Official Pre-events to Sweden 2020
- Gender



# IRF Work: Examples



TOOLS

**RADaR**

Accident Data Recorder

TRAINING  
COURSES



UNIVERSITY OF  
BIRMINGHAM

Road Safety Management  
Road Safety Audits  
Data Collection & Management

DATA



**IRF** GLOBAL  
ROAD  
DATAWAREHOUSE

KNOWLEDGE  
PLATFORM



Hosting UNRSC resources

# IRF Work: Project Examples



- **EU-funded Horizon 2020 Project with 16 partners**
- **AIM:** To enable the effective implementation of actions for road safety and traffic management in African countries by setting up a Dialogue Platform between Africa and Europe



- **A joint project of IRF and the Global Alliance supported by FIA**
- **AIM:** To enhance the knowledge, skills and actions with regard to **data** of road safety professionals and stakeholders via hands-on trainings in Kenya and Senegal.



- **A Joint project of IRF and Morocco Motor Club supported by FIA**
- **AIM:** To improve **road safety around schools** in Morocco



- **TOTAL Tanzania Private Sector Coalition**
- **AIM:** To establish a private sector coalition to maximise the impact of Road Safety activities through collaboration in Tanzania



# IRF World Road Statistics



Road Networks



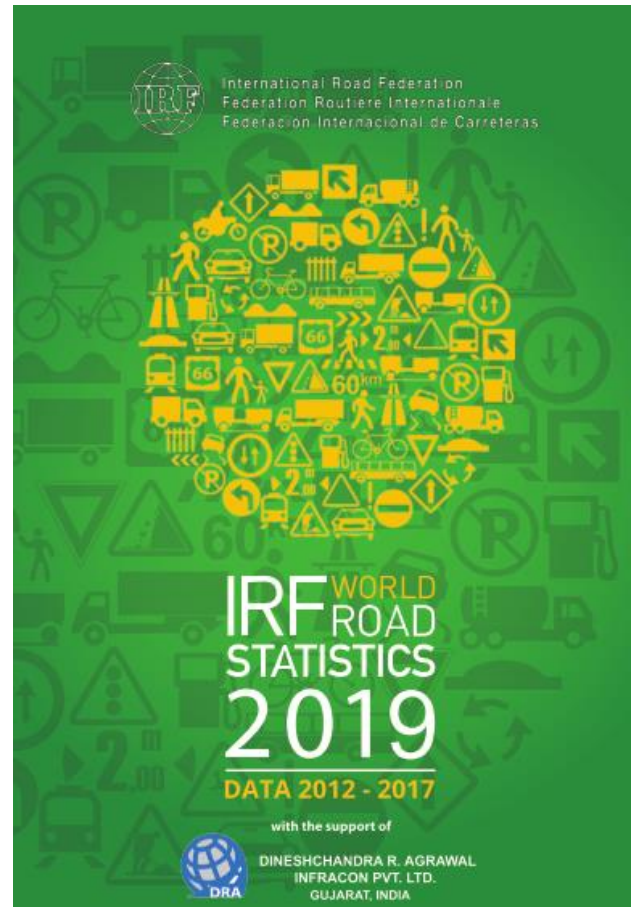
Country Profiles



Production, Import, First  
Registration & Export of  
Motor Vehicles



Road Traffic  
Volumes



Road Accidents



Multimodal Traffic  
Comparisons



Vehicles in Use



Road Expenditures  
& Revenues


[www.worldroadstatistics.org](http://www.worldroadstatistics.org)

# World Road Statistics

- Edited yearly since 1964 (**56 years**)
- Covering **208 countries, 56 indicators**, 11 sections
- Data collected from **primary statistical sources** (Ministries, Road Authorities, National Statistical Offices)
- **Definitions** based on the **Glossary of Transport Statistics** (ITF/EUROSTAT/UNECE) and The World Bank
- Data used by Governments, Investment & Development Banks, Public & Private Companies, Research Institutes & Universities, NGOs, International Organizations, etc.



# IRF Global Road Data Warehouse

- Project supported by  **TOTAL**  
FOUNDATION
- Multifunctional online data platform
- IRF datasets + Dashboards (by country / region)
- Capacity to integrate additional datasets from other sources.
- Expected to go live **Feb 2020**.

**IRF** GLOBAL  
ROAD  
DATAWAREHOUSE

# The expected benefits of the Data Warehouse

- Data will be available to countries and Regional Observatories
- More robust data validation process
- Enhanced analysis, communication and advocacy
- Better serve capacity building efforts at all levels
- Foster collaboration and coordination by providing the opportunity to integrate different datasets.

# IRF Work: Advocacy



## UNRSC

- A global multi-stakeholder partnership
- Since 2012 IRF co-chairs the Pillar on “Safer Roads and Mobility”
- Hosting UNRSC resources on gTKP [www.gtkp.com](http://www.gtkp.com)

## Private Sector Involvement

- IRF Session “Building partnerships for better road safety”, PIARC World Congress, Abu Dhabi, Oct’19
- IRF Panel “Improving Road Safety Outcomes: Private Sector Commitments”, TRB 2020, Washington DC, Jan’20



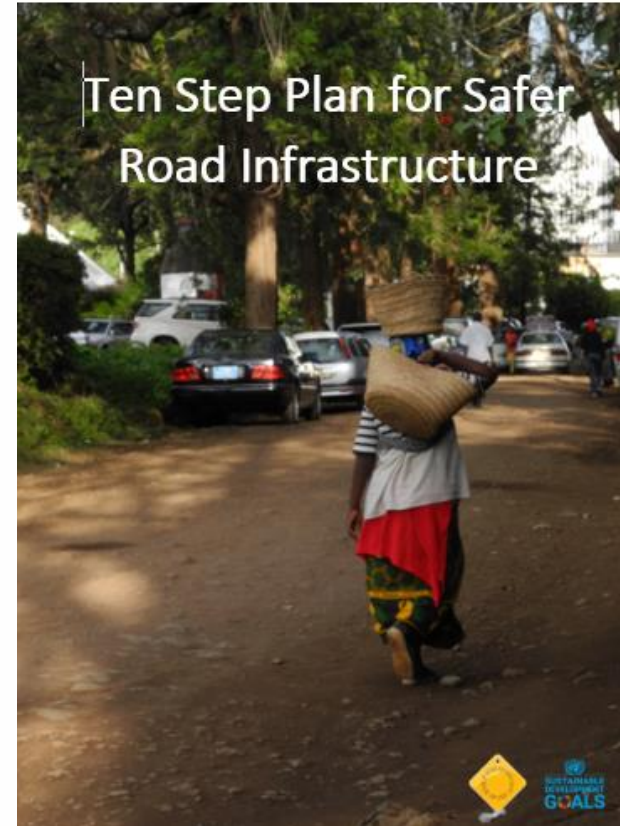
- A global multi-stakeholder group led by the World Bank
- IRF is a Steering Committee Member and is involved in the WGs on Efficiency and Safety

# Ten Step Plan for Safer Road Infrastructure

- Produced by the UNRSC Safer Roads & Mobility Group
- Framework to support countries
- Guidance for projects to UN RS Fund
- Available on [www.gtkp.com](http://www.gtkp.com)



**UNRSC**



- ▶ Environment & Climate Change
- ▶ Finances & Economics
- ▶ Governance
- ▶ Intelligent Transport Systems
- ▶ Road Safety
- ▶ Rural Transport
- ▶ Social Development
- ▶ Trade & Transport
- ▶ Urban Mobility



INTERNATIONAL ROAD FEDERATION  
FEDERATION ROUTIERE INTERNATIONALE

## Welcome to the global Transport Knowledge Resource Centre!

The global Transport Knowledge Practice (gTKP) is a comprehensive resource centre that features the latest, state-of-the-art information on road infrastructure and transport. Case studies, research papers, publications, reports, presentations – it's all at your fingertips! [Read more](#)

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15 Nov 2016 <b>Global Status Report on Road Safety...</b>	14 Nov 2016 <b>World report on child injury prevent...</b>
15 Nov 2016 <b>Brasilia Declaration on Road Safety ...</b>	10 Nov 2016 <b>SUNflower: A comparative study of t...</b>
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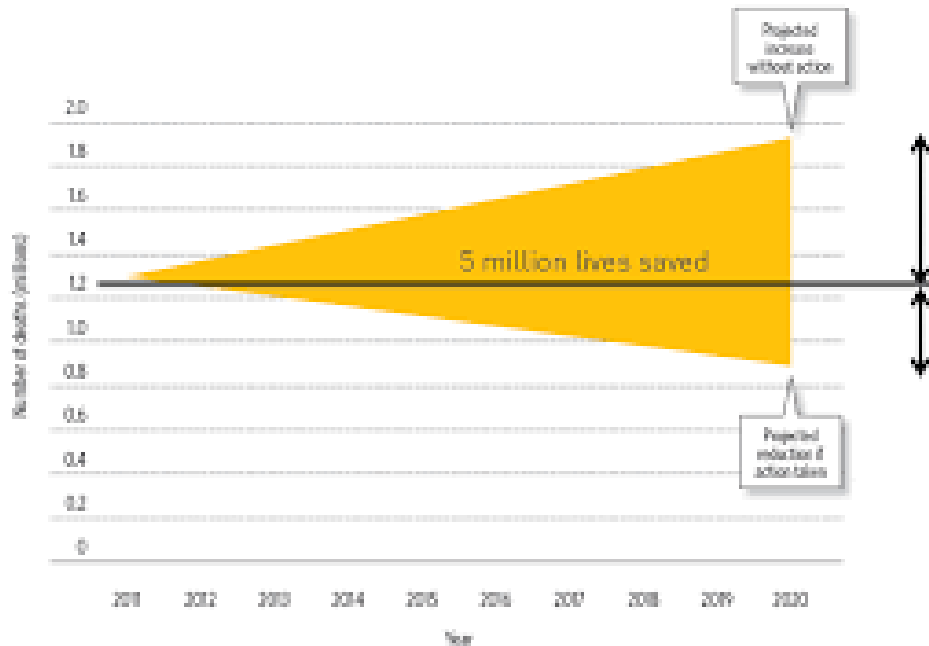
### Most popular

05 Nov 2013	01 Dec 2009
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## Global Plan for Decade of Action

- PILLARS
- 1 Road Safety Management
  - 2 Safer Roads and Mobility
  - 3 Safer Vehicles
  - 4 Safer Road Users
  - 5 Post-crash Response

# Decade of Action versus SDG 3.6



**HALVE** ROAD DEATHS  
& SERIOUS INJURIES  
**BY 2030**

**A NEW TARGET FOR  
A DECADE OF SDG ACTION  
FOR ROAD SAFETY**

**3RD GLOBAL MINISTERIAL CONFERENCE ON ROAD SAFETY**

**ACHIEVING GLOBAL GOALS 2030 STOCKHOLM 19-20 FEB 2020**





- Initiative led by World Bank
- 55 top organisations of transport sector
- Global Tracking Framework
- **Global Road Map of Action (182 policy measures)**

## GLOBAL ROADMAP OF ACTION

Toward Sustainable Mobility



# IRF WORK: FUTURE MOBILITY

## PREPARING THE WORK FORCE

- The Transportation sector employs over 10 million persons in the EU
- Big Transformation - automation, electrification and greening of transport
- Facing problems in staffing its several domains with appropriate and qualified personnel.
- Need for changes in training and education content, curricula, tools and methodologies absolutely imperative

# CONCRETE ACTIONS

## SHOW PROJECT



European  
Commission

Horizon 2020  
European Union funding  
for Research & Innovation



- Support the migration path towards sustainable urban transport.
- Deploy of shared, connected, cooperative, electrified fleets of autonomous vehicles in real-life urban demonstrations in 5 Mega, 6 Satellite and 3 Follower Pilots taking place in 20 cities across Europe.

**1,500,000 passengers and 350,000 units of goods**

**74 Vehicles (L4/L5 )**

**24 Months pilots**

**69 Partners**

**Speeds ranging from 18 to over 50km/h**

**Twinning actions with 11 organizations from all over the world**

# CONCRETE ACTIONS

## IRF COMMITTEE ON CONNECTED & AUTONOMOUS MOBILITY

- Multi-stakeholder forum (private sector, government, academia, ...)
- Different work streams (Legal/policy, Technology, Socio-economic impact)
- Bring infrastructure back in to the picture
- Input to EC and UN regulatory bodies
- Collaboration with: ASECAP, ERF, TRB, IBTTA, others
- Launch date: Q1 2020





**Thank you!**



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