

Road Safety Initiatives at the International Transport Forum :

**IRTAD 2016 annual report
Zero Road Deaths and Serious Injuries Report
Safer City Streets Initiatives**

*TRB Annual Meeting
Joint IRTAD / NHTSA Session on Analysis of international
safety data*

Tuesday 10 January 2017

1. IRTAD
2. 2016 Annual Report on Road Safety
3. Safer City Streets
4. New report of ITF on the Safe System



IRTAD

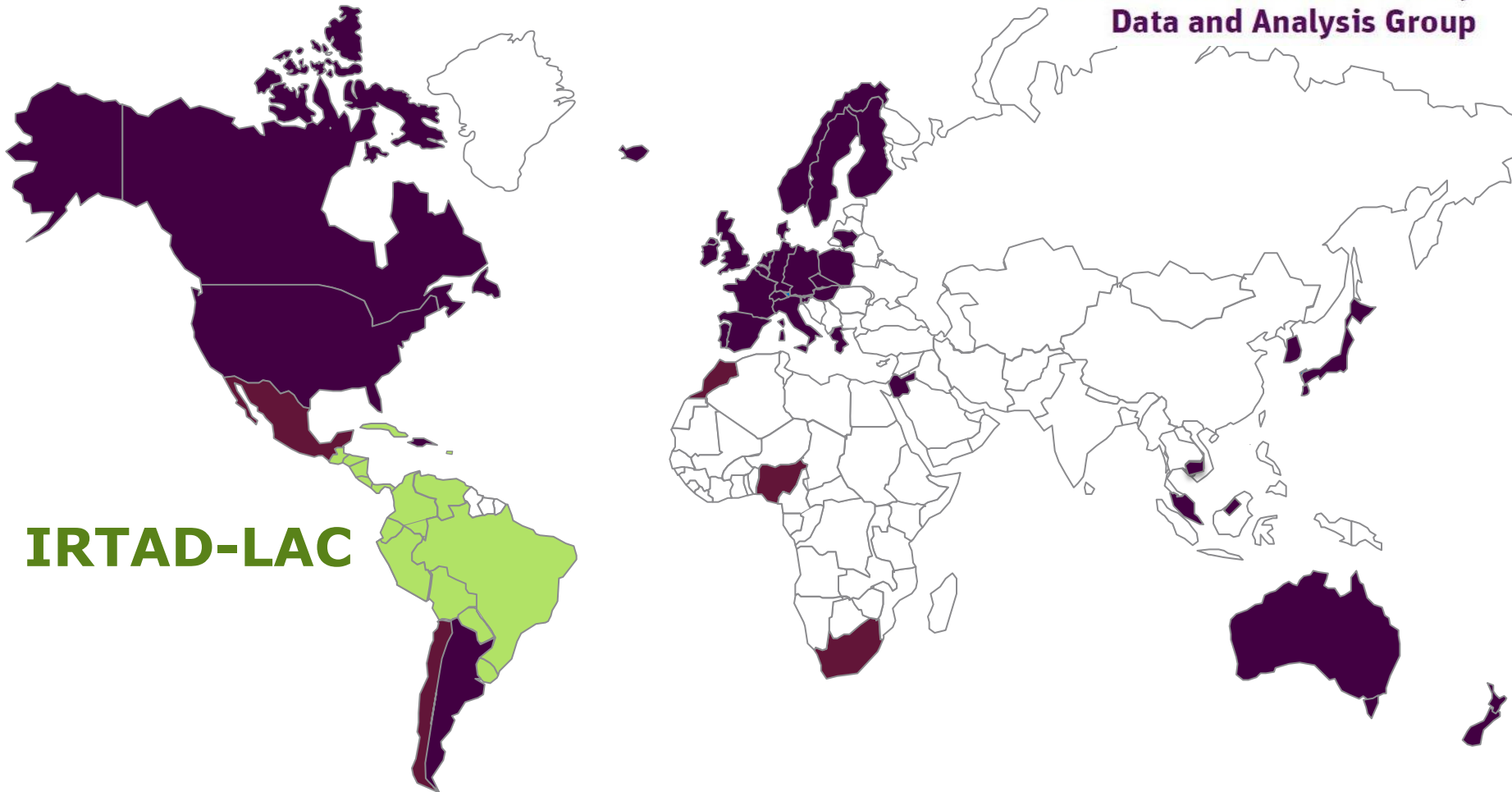
- Permanent working group under the umbrella of ITF and OECD
- Network of experts, representing key road safety stakeholders
- Mission
 - Networking for road safety professionals
 - World standard road safety database
 - Data analysis



IRTAD 80 members or observers from 40 countries
The database includes validated data from 32 countries



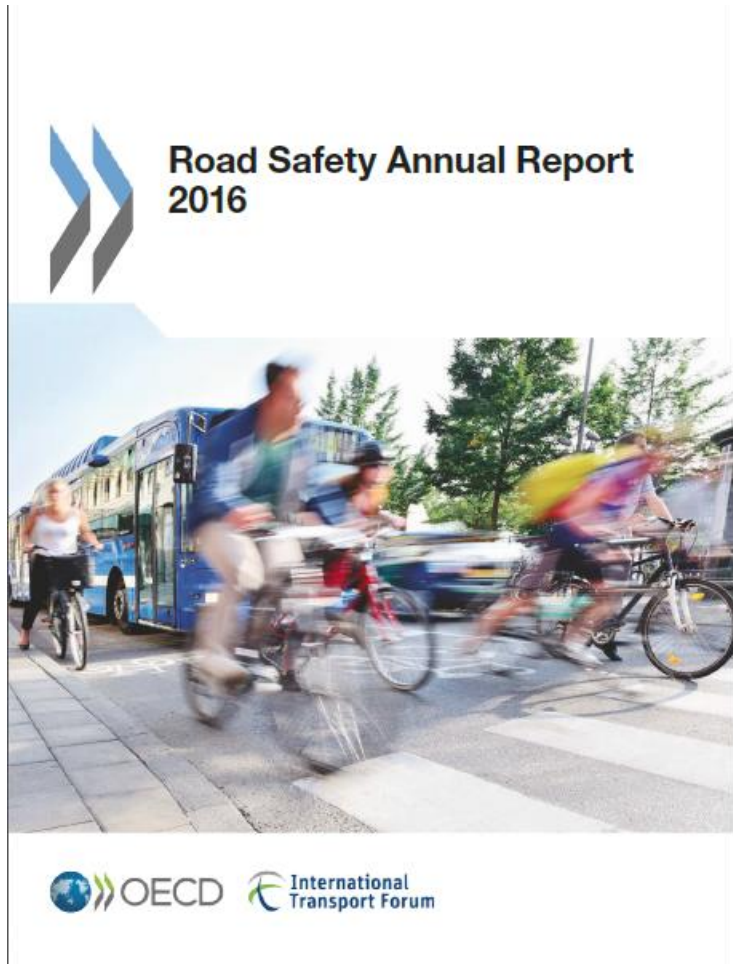
**International Traffic Safety
Data and Analysis Group**



IRTAD-LAC



IRTAD 2016 Annual Report



http://www.oecd-ilibrary.org/transport/road-safety-annual-report-2016_irtad-2016-en

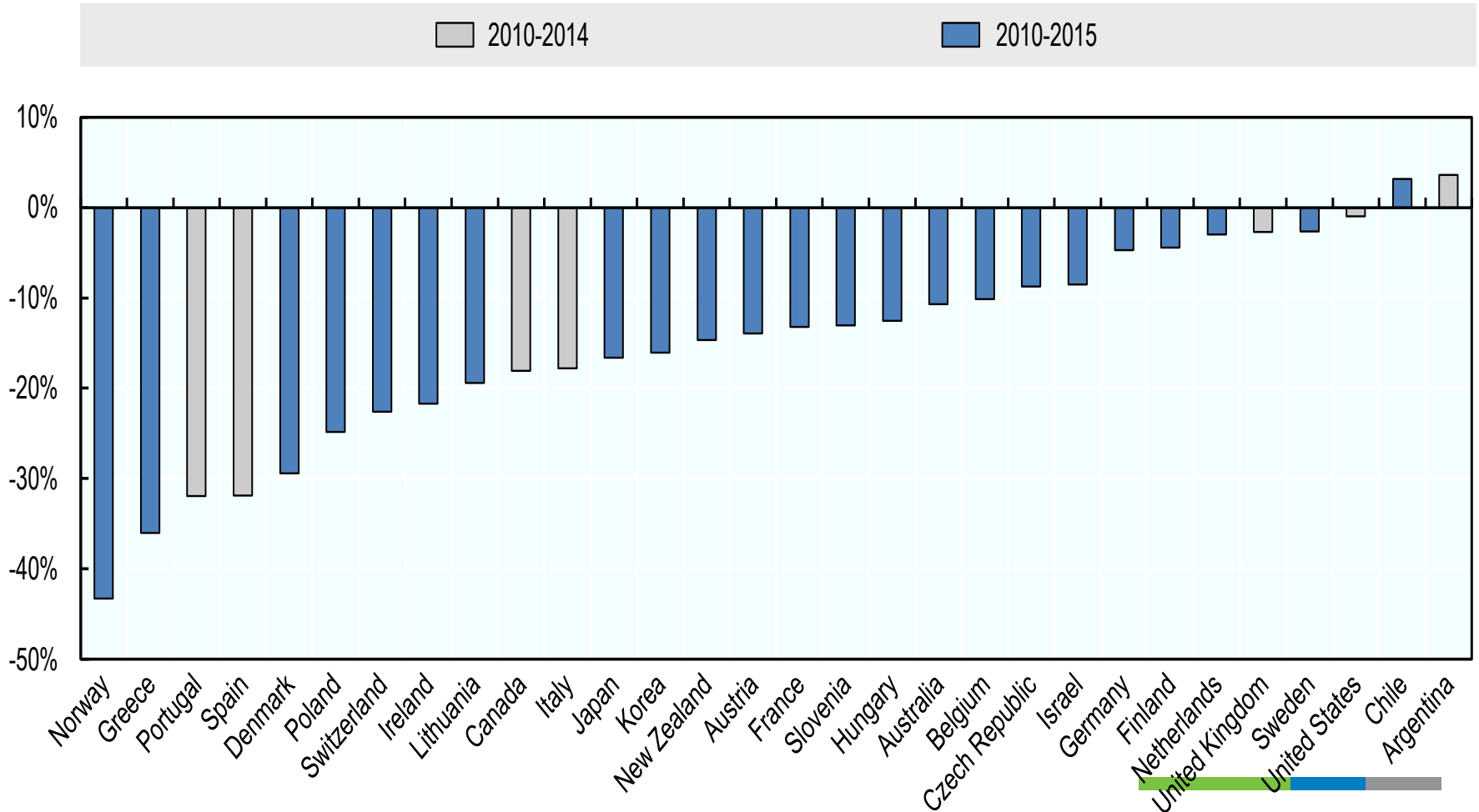


IRTAD 2016 Report – Key Messages

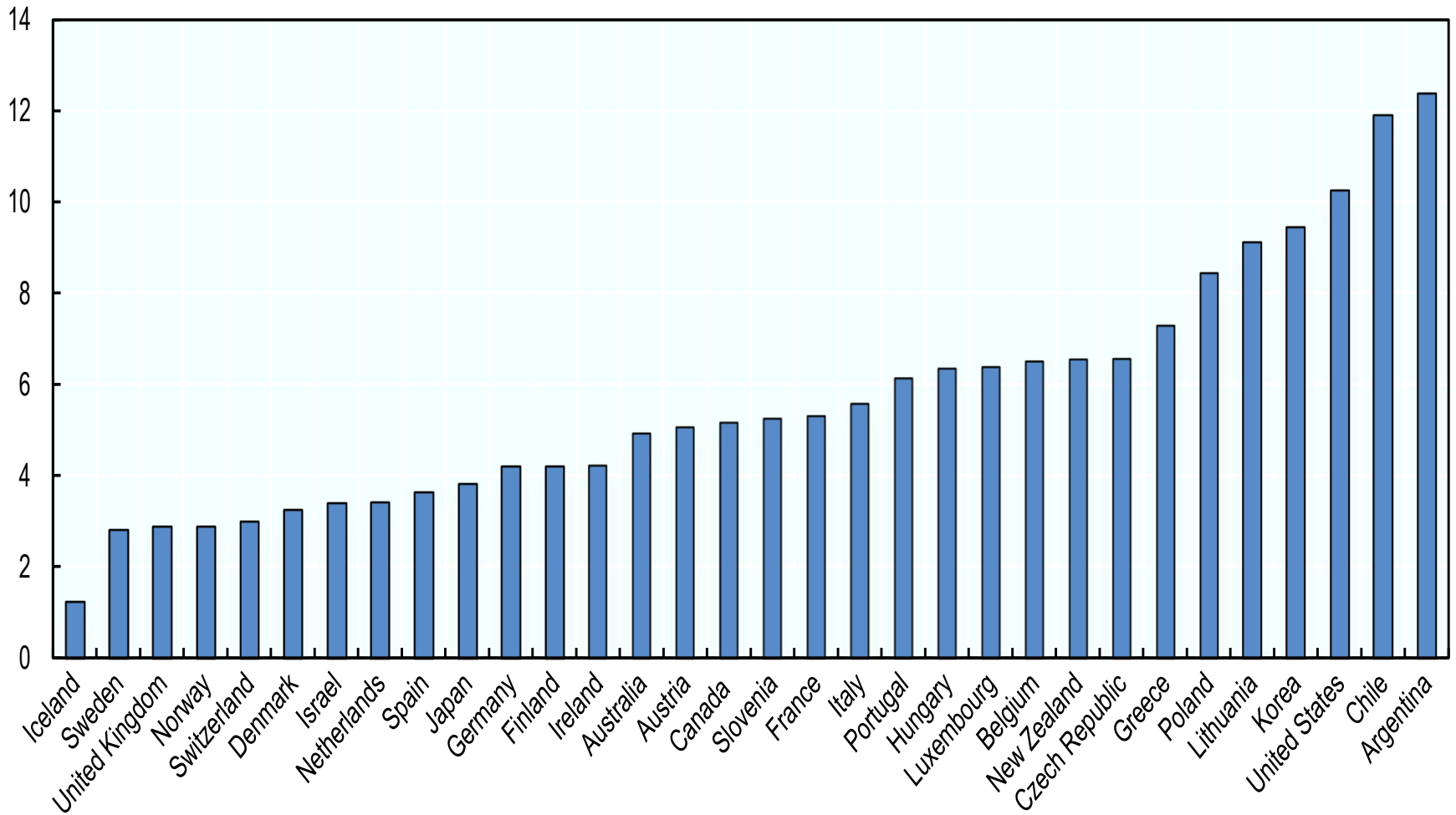
- Since 2010, **fatalities decreased in all countries** except Chile and Argentina
- Between 2010 and 2014 fatalities **decreased by 8.8%** in IRTAD countries.
- Strongest decrease in **Norway, Greece, Portugal, Spain**
- 5 countries achieved fatality rates of three or less deaths per 100 000 inhabitants in 2014: **Iceland, Sweden, the United Kingdom, Norway and Switzerland.**
- At the other end of the scale, the rate was 12.3 in the worst performing IRTAD member and 26 per 100 000 among IRTAD observers



Evolution in the number of road deaths 2010-2015



Fatalities per 100 000 population (2014)

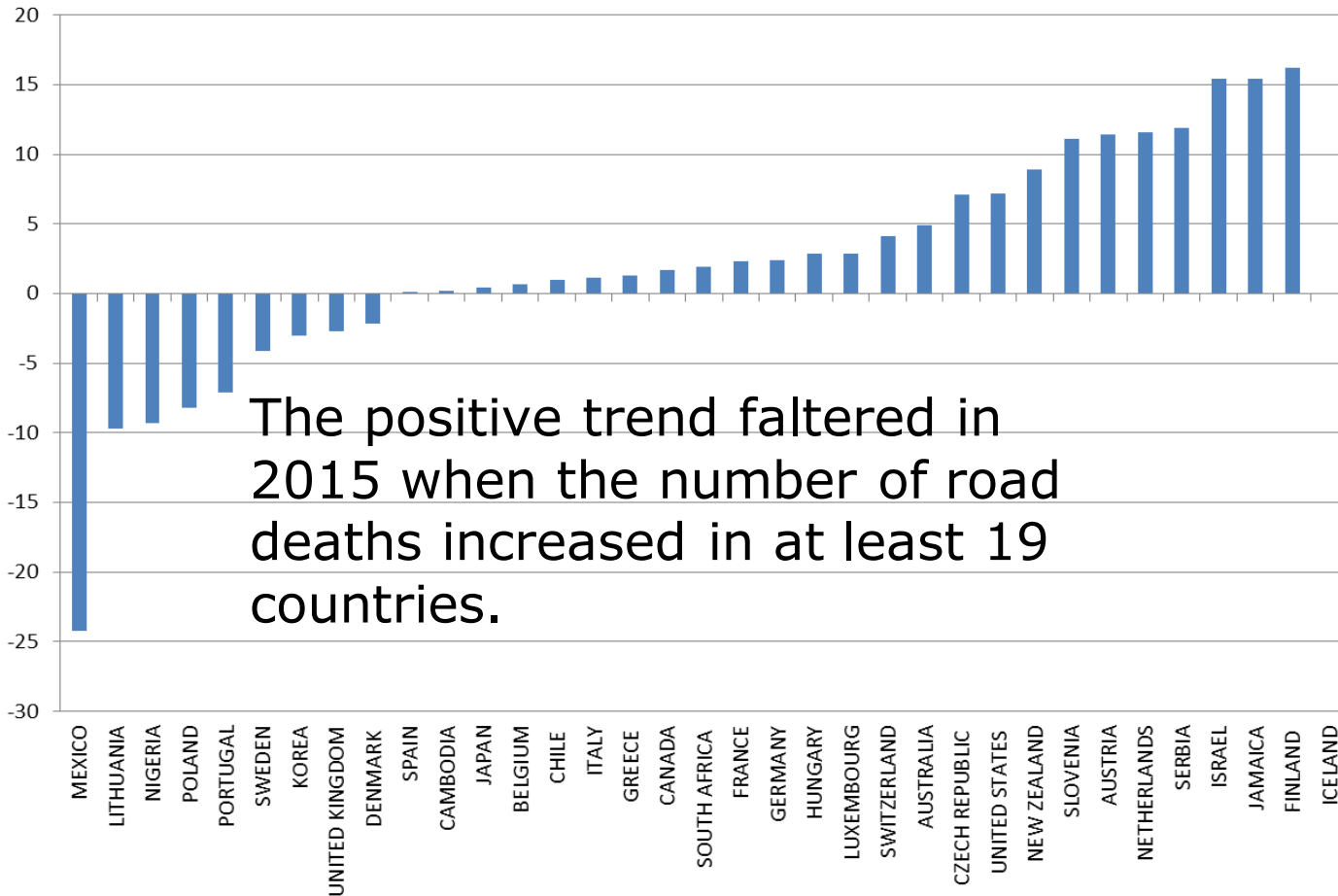


IRTAD 2016 annual report - Key Messages

- The number of 65+ fatalities increased in 16 countries
 - Ageing of the population
- Cyclist fatalities increased in 17 (out of 32 countries)
 - More cycling, emergence of e-bikes, more senior cycling
- Pedestrian fatalities increased in 10 countries

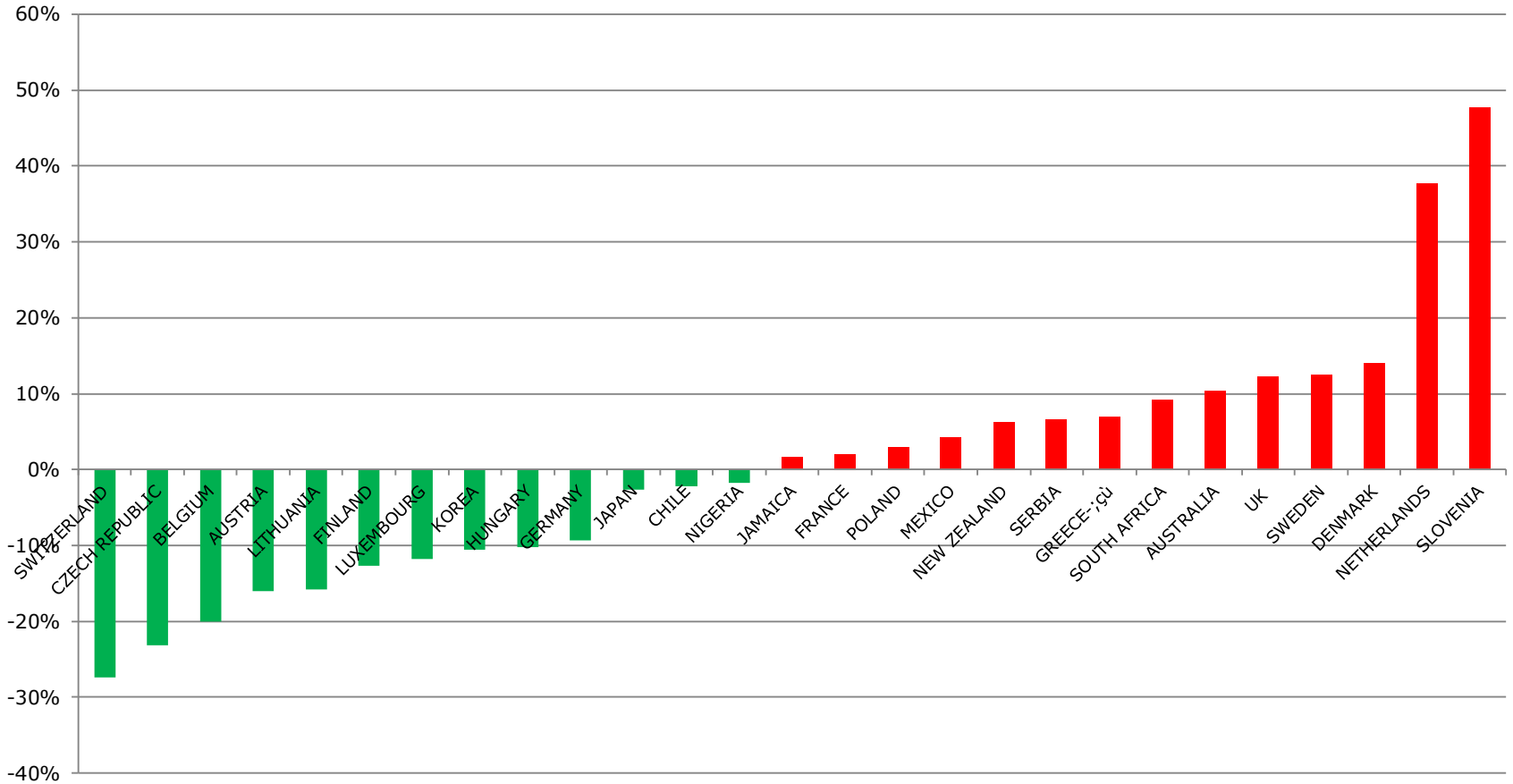


Road fatalities: 2015 in comparison to 2014



Road fatalities: 1st Semester of 2016 vs 1st Semester of 2015

NL and UK, Jan – March



IRTAD and the Cities has become Safer City Streets

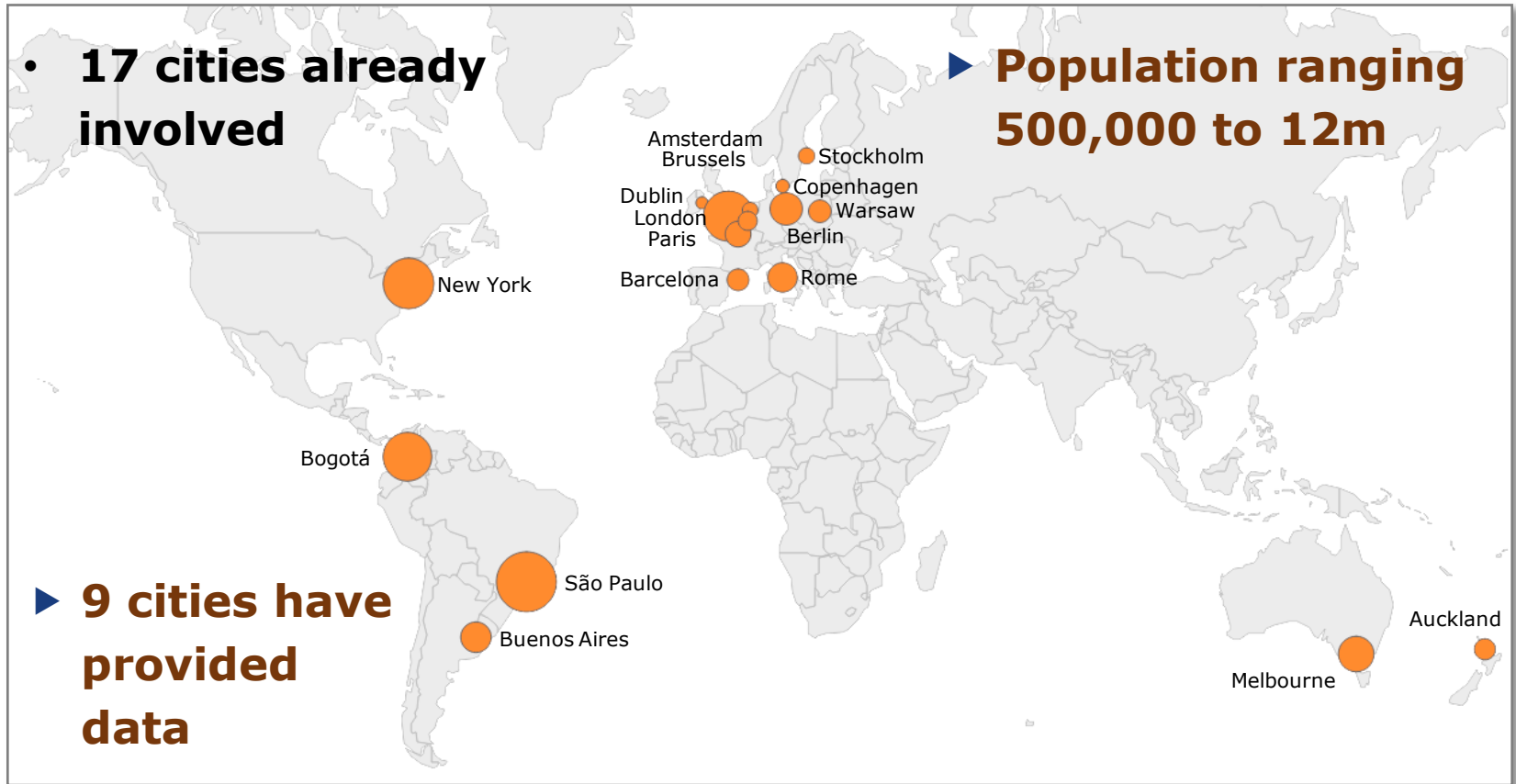
- **A solution to better collect and analyse road safety data**
- **A key to design and evaluate policies**
- **Main features:**
 - A network of experts
 - A global database
 - The support of **IRTAD**, a long-established database and network of experts at *national* level



*Launch event during Habitat III
Miguel Mancera, Mayor of Mexico
Jean Todt, UN Special Envoy for
Road Safety*

Safer City Streets

*the global traffic safety network
for liveable cities*





Zero Road Deaths and Serious Injuries

Leading a Paradigm Shift to a Safe System



Research Report



The four principles of a Safe System

1. People make mistakes that can lead to road crashes
2. The human body has a limited physical ability to tolerate crash forces before harm occurs



Four Principles of a Safe System (cont'd)

3. A shared responsibility exists amongst those who design, build, manage and use roads and vehicles and provide post-crash care to prevent crashes resulting in serious injury or death
4. All parts of the system must be strengthened to multiply their effects; and if one part fails, road users are still protected.



	Traditional road safety policy	Safe System
What is the problem?	All crashes	fatal and serious injury crashes
What is the appropriate goal?	Reduce the number of fatalities and serious injuries	Zero fatalities and serious injuries
What are the major planning approaches?	Reactive to incidents Incremental approach to reduce the problem	Proactively target and treat risk Systematic approach to build a safe road system
What causes the problem?	Non-compliant road users	People make mistakes and are physically fragile. Inconsistent guidance to users from varying quality of infrastructure and operating speeds.
Who is ultimately responsible?	Individual road users	Shared responsibility by individuals with system designers
How does the system work?	Isolated interventions	Combination of elements to produce a summary effect greater than the sum of the individual treatments

“Zero Road Deaths” study wins International Road Safety Award



6TH IRTAD INTERNATIONAL
CONFERENCE: MARRAKESH
(Morocco), 11 13 October 2017

Call for papers in February



Thank You
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