



***Joint Africa-EU Strategy (JAES)- Reference Group on Infrastructure
Transport Working Group Session***

Brussels, 25th April 2017



**Research contribution
to urban mobility
in Africa**

Patrick Mercier-Handisyde
European Commission
DG Research & Innovation
Directorate Transport



Content

- ✓ Results from the SOLUTIONS project
- ✓ The Urban Electric Mobility Initiative (UEMI)
- ✓ Twinning activities/Call for cities in the FUTURE RADAR project
- ✓ Future International Cooperation research activities related to climate change mitigation in Horizon 2020

→ Main activities are related to decarbonisation

SOLUTIONS - Sharing Opportunities for Low carbon Urban transportATIONS

- ✓ **Coordination Action** to support international cooperation activities on **green urban transport**
- ✓ Consortium: 27 partners from 18 countries in Europe, Asia, Latin America and **Africa**
- ✓ Duration: May 2013 – October 2016



SOLUTIONS key actions

- ✓ Worldwide **uptake of sustainable urban mobility solutions**
- ✓ **19 cities** in Europe, Asia, **Africa** and Latin America on **knowledge sharing** and the **development of implementation concepts**
- ✓ **Capacity building** for over 2000+ experts' factsheets and policy papers
- ✓ **Areas covered:** SUMP, Public Transport, Infrastructure, City Logistics, Clean Vehicles and Mobility Management



The Urban Electric Mobility Initiative (UEMI)

- ✓ Launched at the UN Climate Summit in New York in September 2014
- ✓ Supported by the EC through the **SOLUTIONS** project, the **UEMI** aims to:
 - Increase market share of electric vehicles in cities to least 30%
 - 30% reduction of CO₂ emissions in urban areas by 2030
 - Integrate electric mobility solutions into a wider sustainable urban mobility concept



UN HABITAT
FOR A BETTER URBAN FUTURE



Contribution to Habitat III and UNFCCC processes

- ✓ SOLUTIONS contributed actively to the development of the **New Urban Agenda (Habitat III)** to emphasize the role of urban mobility in sustainable development
- ✓ The UEMI/SOLUTIONS
 - Was part of the Lima Paris Action Agenda (COP 21)
 - Contributed to the Marrakech Partnership for Global Climate Action (COP 22)



Call for cities in the **FUTURE RADAR** project

- ✓ **New call for cities launched:** take-up of sustainable urban mobility solutions through capacity building, policy advice and pilot project development

Deadline extended: 30 June 2017

- ✓ **Apply:** City officials, experts and young professional from Europe, **Africa**, Asia and Latin America can apply on the UEMI website: <http://www.umi.net>



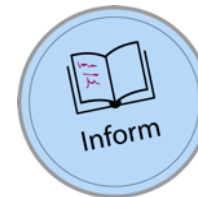
SOLUTIONS city twinning team:
Bremen-Belo Horizonte

Launched by:



FUTURE RADAR: capacity building and policy support

✓ **Module 1: Inform**



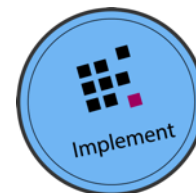
✓ **Module 2: Inspire**



✓ **Module 3: Initiate**



✓ **Module 4: Implement**



H2020 International Cooperation flagship initiative Urban mobility and sustainable electrification in large urban areas in developing and emerging economies

✓ **Content**

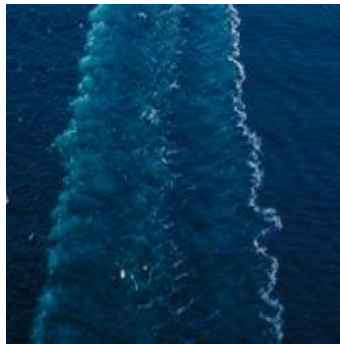
- Develop large scale demonstrations in the field of electro mobility
- Twinning of EU and international projects
- Best practices, tools and models for policy-making

✓ **Policy Context**

- Climate Change, New Urban Agenda, Sustainable Development Goals

✓ **International Partners**

- Asia, CELAC (Community of Latin American and Caribbean States)
and Africa



***Thank you
for your attention!***