



The urban mobility SOLUTIONS network and the Urban Electric Mobility Initiative (UEMI)

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www.uemi.net

<http://urban-mobility-solutions.eu/>



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SOLUTIONS & UEMI



Background:

- SOLUTIONS is an EU funded project with 27 international partners to foster sustainable urban mobility,
- The UEMI is a joint initiative of UN-Habitat and SOLUTIONS to integrate mobility into sustainable transport strategies

Objectives:

- Testing the transferability of low-carbon urban mobility concepts,
- International platform to support knowledge sharing and implementation





Key actions

1. Stocktake and **transferability assessment** on successful sustainable urban mobility solutions in Europe, Asia, Africa and Latin America
1. Assessment of the **uptake potential and policy environment** in key emerging economies
1. Foster the implementation in take-up cities through **feasibility studies, pilot projects and implementation concepts**
2. Development of knowledge products
3. Recommendations to the European Commission on future research and cooperation opportunities



Thematic clusters and identified solutions



Cluster 1: public transport	Cluster 2: Transport infrastructure	Cluster 3: City logistics	Cluster 4: Integrated planning/SUMP	Cluster 5: Network and mobility management	Cluster 6: Clean vehicles
BRT system construction and operation with high service level	Dedicated bus lanes	Urban deliveries with cargo-cycles	General preparation of SUMP	Parking management	Registration restrictions/number plate auctions
Trolley bus systems	Intermodal interchanges	Forums, portals, labels and training programs	Vision building for future sustainable urban mobility	Access restriction	Management of electric two-wheelers
Metro systems	Pedestrian infrastructure	Promotion of out-of-hour deliveries	Stakeholder participation and citizen engagement	Traffic management	Fuel economy/CO ₂ standards
Use and operation of clean vehicles (CNG, LPG, LNG) in public transport systems	Improving non-motorised infrastructure – public space and urban road designs for cycling and walking	Networks of pick up points	Participatory budgeting in SUMP context	Multimodal journey planning	Fuel switch in taxi fleets to electric vehicles (EVs)

SOLUTIONS & UEMI factsheets

- The SOLUTIONS Factsheets examine a number of sustainable urban mobility measures,
- Case studies on cities that have successfully implemented urban mobility solutions,
- Development of 1.5 Degree Stabilization Pathways
- Policy issue papers
- Database of factsheets will be online by the end of October



Knowledge sharing and training



City Engagement Kick-off:

- Thematic cluster session
- Twinning session

Paris

Brussels

- SUMP Training event (SOLUTIONS/TIDE/CH4ALLENGE)
- EV-workshop (UEMI/SOLUTIONS)

Barcelona

Mexico City

CITS

Trainings:

- City logistics
- Integrated Transport Systems / Public Biking Systems
- Public Transport

Chengdu

Michelin Challenge Bibendum

Trainings:

- Network Management
- Clean Vehicles
- Public Transport

Istanbul

CODATU

Trainings:

- Clean vehicles
- SUMP
- City logistics

Casablanca

CIVITAS Forum

Trainings:

- Transport infrastructure
- SUMP
- Public Transport

Rio

Webinars & eLearning:

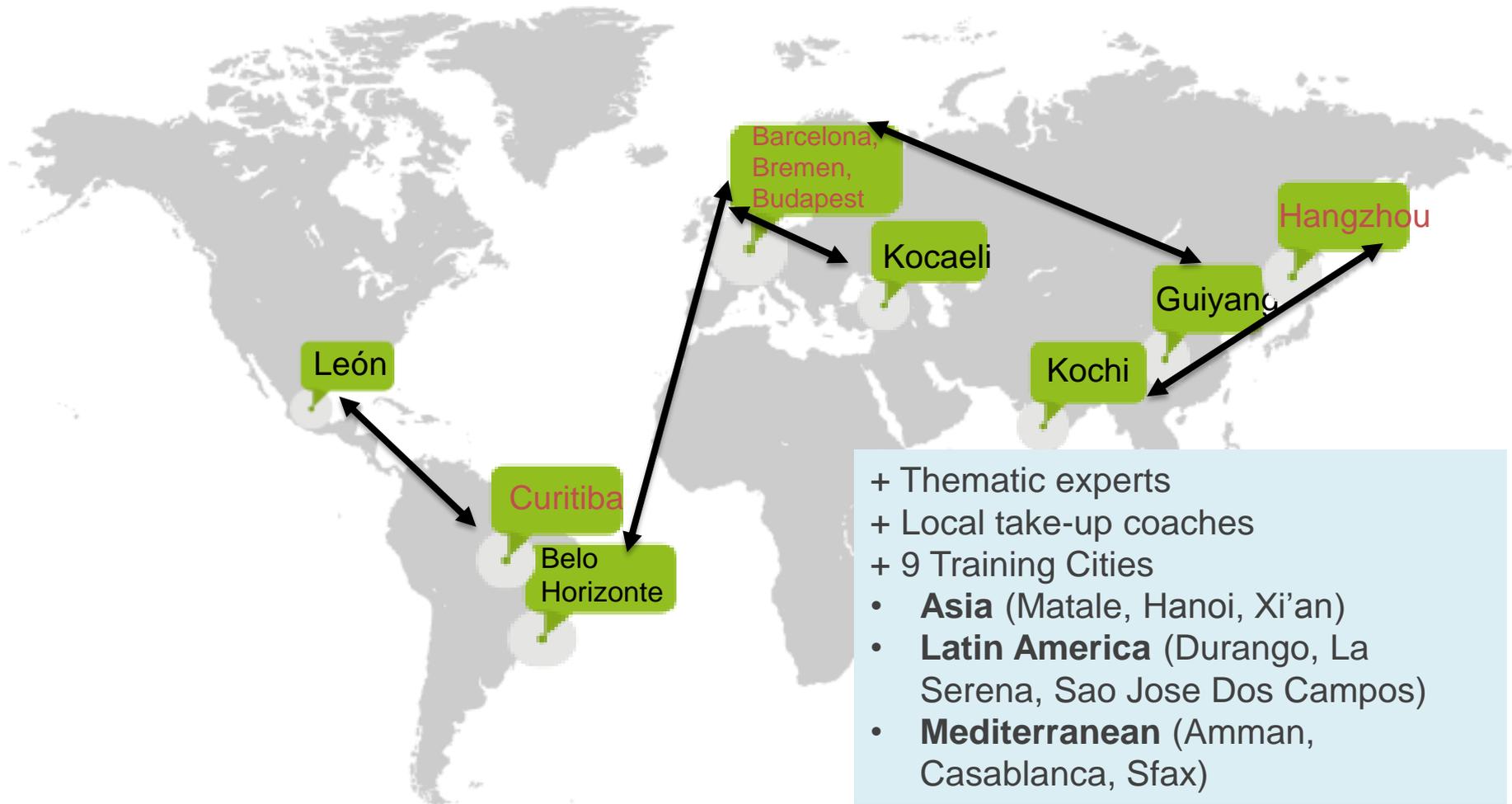
- Almost 2000 participants of eLearning courses and webinars



City twinning



These cities will work in pairs on common/related problems and those solutions identified by the project as priorities.



- + Thematic experts
- + Local take-up coaches
- + 9 Training Cities
 - **Asia** (Matale, Hanoi, Xi'an)
 - **Latin America** (Durango, La Serena, Sao Jose Dos Campos)
 - **Mediterranean** (Amman, Casablanca, Sfax)

SOLUTIONS - City exchange



Leading Cities

- Provide measures and solutions for the Take-up cities

Feasibility Studies

Final Outputs

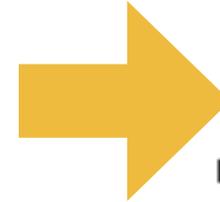
- Documentation of the process
- Develop policy recommendations
- Develop the future cooperation agenda

Solutions / Measures

- SUMP
- Public Transport
- Infrastructure
- City Logistics
- Clean Vehicles

Take-up Cities

- Evaluate current situation



- Envision where do they want to go: Needs and expected solutions

Implementing measures a collaborative work between Leading and Take-up Cities

- Support through the project cycle period
- Receive continuous capacitation and assistance during the process
- Monitoring and evaluation of the implementation process
- identify new measures that can fit cities needs and expertise



- Select measures and solutions



- Develop a Transferability Plan with Leading Cities

Belo Horizonte supported by Bremen



- Belo Horizonte
 - Population: 2.4 million (5.7 metropolitan area)
 - Increase in private motorised transport
 - Local air pollution
- Planned measures and support:
 - NMT infrastructure – Zone 30 (Bremen)
 - Municipal policy on urban logistics
 - PlanMob-BH review
 - Network and mobility management (AustriaTech)
- Specific expertise Bremen
 - Walking and cycling
 - Modal integration
 - Car sharing
- Local take-up coach: EMBARQ Brasil



Guiyang supported by Barcelona



- Guiyang
 - Population: 4.4 million
 - Increase in private motorisation rates
 - Severe congestion
- Planned measures:
 - Extension of the PT network
 - Network management
 - Clean vehicles (CNG / electric)
- Specific expertise Barcelona
 - Bus network
 - Electric vehicles
 - Superblocks for NMT
- Local take-up coach: CATS



Kocaeli supported by Budapest



- Kocaeli
 - Population: 1.7 million
 - Low quality public transport
 - Road based public transport
- Planned measures:
 - Optimisation of the bus fleet's operational and management system
 - Construction of PT railway (LRT or tram)
- Specific expertise Budapest (BKK)
 - Public transport organisation and management
 - Public transport planning
- Local take-up coach: EMBARQ Turkey



Leon supported by Curitiba



- Leon
 - Population: 1.4 million
 - Increase in private motorised transport
 - Urban sprawl / density loss
 - Low quality PT
 - Local air pollution
- Planned measures:
 - Governance models of public transport
 - Financing alternatives of public transport.
 - Regulation of parking on public streets.
- Specific expertise Curitiba
 - Public transport (BRT)
 - High density development
- Local take-up coach: EMBARQ MX





Kochi supported by Hangzhou

- Kochi
 - Population: 0.6 million (2.5 metropolitan area)
 - Increase in private motorised transport
 - Local air pollution
- Planned measures and support:
 - Modal integration with the metro (in construction)
 - Transport governance and institutional integration
- Specific expertise Hangzhou
 - Cycle sharing and infrastructure
 - Modal integration
 - Water transport
- Local take-up coach: ICLEI South Asia

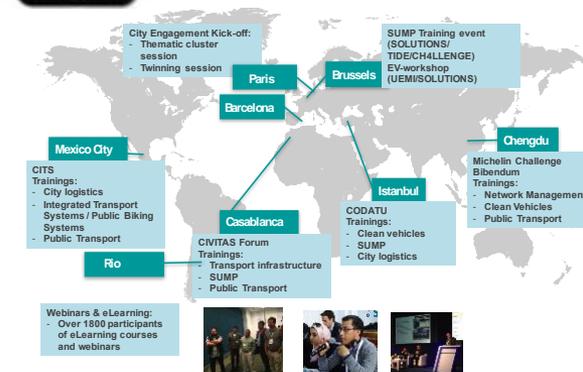


Capacity building and training



New series of capacity building activities will be launched in January 2017

- Webinars,
 - Capacity building workshops
 - E-learning courses
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- **Media training webinar on 25 October** (In cooperation with SEI and SUSTAIN EU-ASEAN)
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- Joint webinars with the CIVITAS Initiative on SUMP
(<http://www.civitas-initiative.org>)



THE CIVITAS INITIATIVE
IS CO-FINANCED BY THE
EUROPEAN UNION

New call for cities will be launched soon



New call for cities will be launched in January 2017

- Support for cities and local take-up coaches
- Dedicated e-mobility readiness analysis for the UEMI
- Development of pilot projects and implementation concepts
- Become an EMPOWER follower city/organisation
<http://empowerproject.eu/cities/follower-cities/>



Belo Horizonte, Brazil

Belo Horizonte, situated in the state of Minas Gerais in the south-eastern region of Brazil, is one of Brazil's most populous cities with around 5 million inhabitants.



Guiyang, China

Guiyang, situated in the Guizhou province in Southwest China, has a population of 4.4 million.



Kochi, India

Kochi, situated on the west coast of India in the state of Kerala, is a densely populated city with a population of 2.1 million.



León, Mexico

León is located in Guanajuato state of Mexico, with a population of 1.4 million.

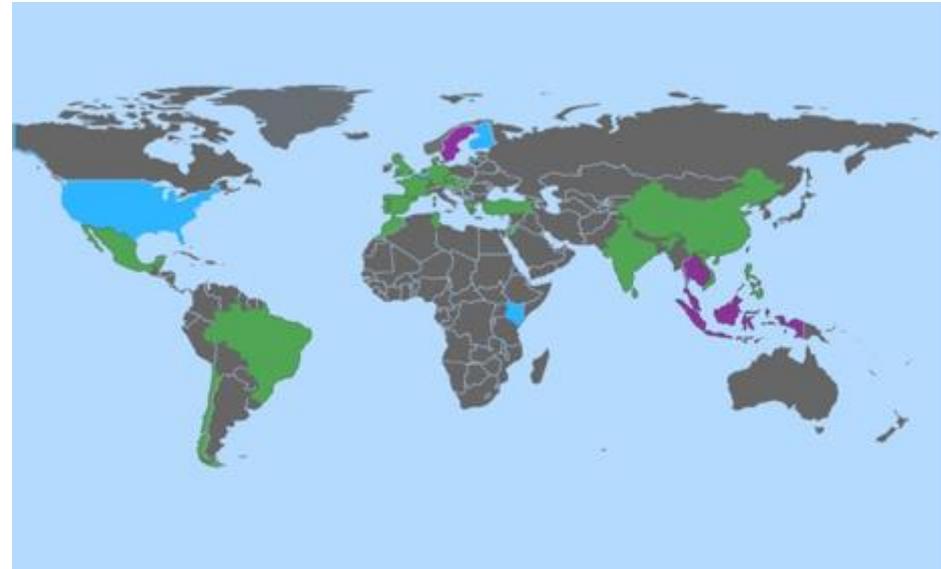


Kocaeli, Turkey

Kocaeli province lies in Marmara region of Turkey with an urban population of 1.6 million.



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Rewarding Change



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