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

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www.uemi.net
http://urban-mobility-solutions.eu/
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 emobility into sustainable transport strategies

Objectives:

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

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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
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<tbody>
<tr>
<td>BRT system construction and operation with high service level</td>
<td>Dedicated bus lanes</td>
<td>Urban deliveries with cargo-cycles</td>
<td>General preparation of SUMP</td>
<td>Parking management</td>
<td>Registration restrictions/number plate auctions</td>
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<td>Trolley bus systems</td>
<td>Intermodal interchanges</td>
<td>Forums, portals, labels and training programs</td>
<td>Vision building for future sustainable urban mobility</td>
<td>Access restriction</td>
<td>Management of electric two-wheelers</td>
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<td>Metro systems</td>
<td>Pedestrian infrastructure</td>
<td>Promotion of out-of-hour deliveries</td>
<td>Stakeholder participation and citizen engagement</td>
<td>Traffic management</td>
<td>Fuel economy/CO₂ standards</td>
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<td>Use and operation of clean vehicles (CNG, LPG, LNG) in public transport systems</td>
<td>Improving non-motorised infrastructure – public space and urban road designs for cycling and walking</td>
<td>Networks of pick up points</td>
<td>Participatory budgeting in SUMP context</td>
<td>Multimodal journey planning</td>
<td>Fuel switch in taxi fleets to electric vehicles (EVs)</td>
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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

**CITS Trainings:**
- City logistics
- Integrated Transport Systems / Public Biking Systems
- Public Transport

**CIVITAS Forum Trainings:**
- Transport infrastructure
- SUMP
- Public Transport

**CODATU Trainings:**
- Clean vehicles
- SUMP
- City logistics

**SUMP Training event (SOLUTIONS/TIDE/CH4LLenge)**
- EV-workshop (UEMI/SOLUTIONS)

**City Engagement Kick-off:**
- Thematic cluster session
- Twinning session

**Michelin Challenge Bibendum Trainings:**
- Network Management
- Clean Vehicles
- Public Transport

**Webinars & eLearning:**
- Almost 2000 participants of eLearning courses and webinars

**Locations:**
- Paris
- Brussels
- Barcelona
- Casablanca
- Istanbul
- Mexico City
- Chengdu
- Rio de Janeiro
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)
Evaluate current situation

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

Take-up Cities

Evaluate current situation

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

Select measures and solutions

Final Outputs

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

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

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

Take-up Cities

Solutions / Measures

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

Leading Cities

Provide measures and solutions for the Take-up cities

Feasibility Studies
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

- Media training webinar on 25 October (In cooperation with SEI and SUSTAIN EU-ASEAN)

- Joint webinars with the CIVITAS Initiative on SUMPs
  [http://www.civitas-initiative.org]
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/
Join the partnership!

www.uemi.net

www.urban-mobility-solutions.eu