



# Habitat III Regional Meeting

Global cooperation on sustainable urban mobility: examples from the SOLUTIONS project

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## Key messages from the Policy Unit Urban Services

- **Access for all**
  - provide adequate, sustainable and resilient urban infrastructure and services to all
- **Efficient use**
  - Efficient and effective use of urban services require local and national policies that support people to reduce the consumption of finite resources and shift demand toward sustainable options
- **Local leadership**
  - Local authorities should take responsibility and leadership for inclusive well-being and the sustainability of cities
- **National policies and funding support**
  - National governments need to enable local authorities through appropriate funding and policy frameworks



# SOLUTIONS – steps towards implementation

1. Stocktake and **transferability assessment** on successful sustainable urban mobility solutions in Europe, Asia and Latin America
1. Assessment of the **uptake potential** in Europe, Asia, Latin America and the Mediterranean region
1. Foster the **implementation** in take-up cities through **feasibility studies**
2. Guidelines on the uptake of policies and technologies in Europe, Asia, Latin America and the Mediterranean
3. Recommendations to the European Commission on future research and cooperation opportunities





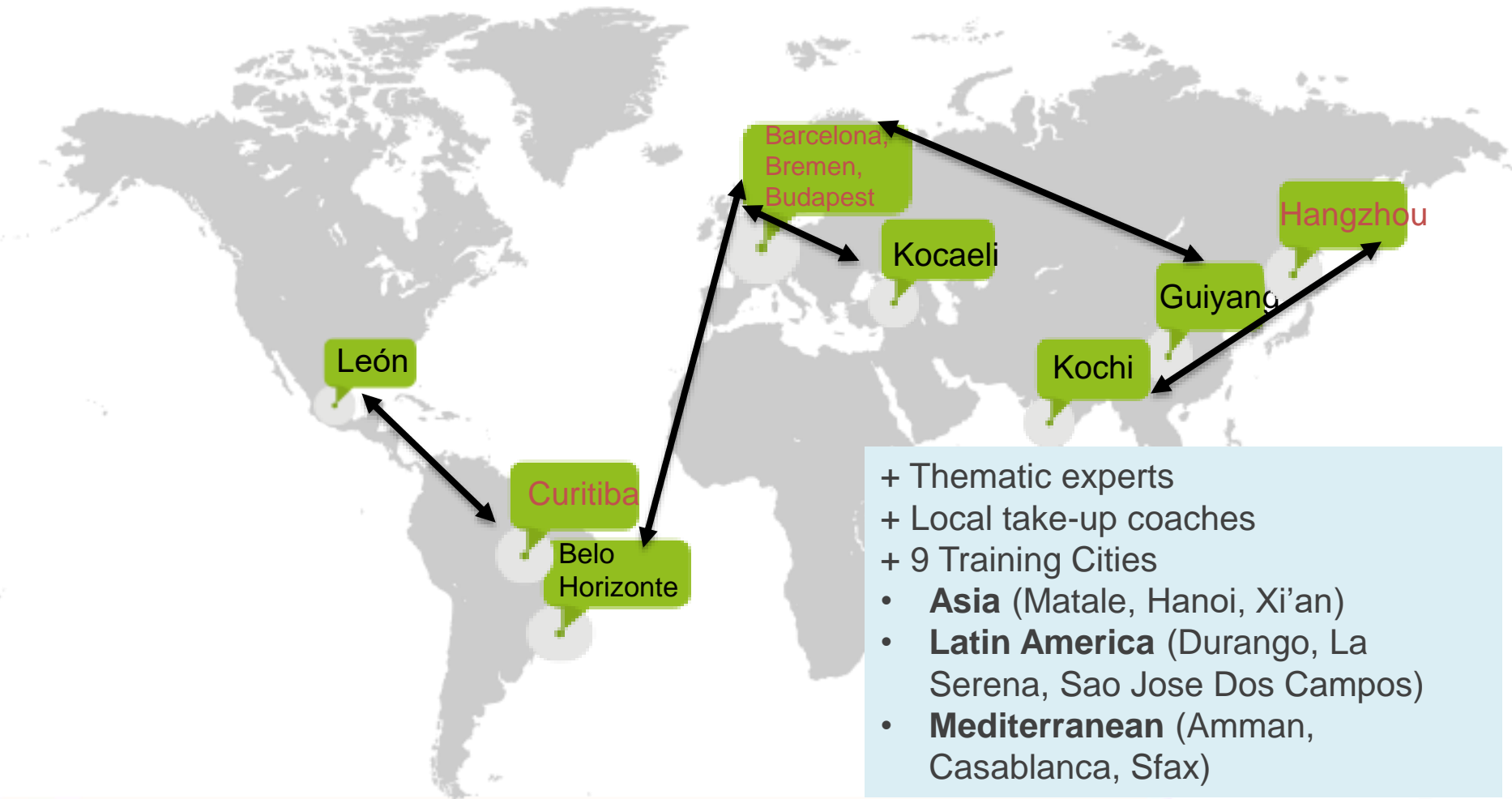
# Thematic clusters and identified solutions

<b>Cluster 1: public transport</b>	<b>Cluster 2: Transport infrastructure</b>	<b>Cluster 3: City logistics</b>	<b>Cluster 4: Integrated planning/SUMP</b>	<b>Cluster 5: Network and mobility management</b>	<b>Cluster 6: Clean vehicles</b>
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 <sub>2</sub> 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 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)

## 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 (IFSTTAR)
  - PlanMob-BH review (RC,LNEC)
  - 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



# Knowledge sharing and training events

**04/2015**  
**City Engagement Kick-off:**  
 - Thematic cluster session  
 - Twinning session

**02/2015**  
**SUMP Training event (SOLUTIONS/TIDE/CH4ALLENGE)**  
**EV-workshop (UEMI/SOLUTIONS)**

**Barcelona**

**Brussels**

**Mexico City**

**CITS – 10/2015**  
**Trainings:**  
 - City logistics  
 - Integrated Transport Systems / Public Biking Systems  
 - Public Transport  
**City expertise:**  
 - Budapest  
 - Curitiba

**Chengdu**

**Michelin Challenge Bibendum - 11/2014**  
**Trainings:**  
 - Network Management  
 - Clean Vehicles  
 - Public Transport  
**City expertise:**  
 - Budapest  
 - Curitiba  
 - Hangzhou  
 - Barcelona

**Casablanca**

**CIVITAS Forum – 09/2015**  
**Trainings:**  
 - Transport infrastructure  
 - SUMP  
 - Public Transport

**Istanbul**

**CODATU - 02/2015**  
**Trainings:**  
 - Clean vehicles  
 - SUMP  
 - City logistics



# Do you want to learn more about SOLUTIONS?

## Stay in touch:

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