



# ***European Union***

## **The World Cities Project (2015-2018): *international cooperation in sustainable urban development policy***

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*European Commission*

*Busan, 20 April 2018*



# European Union and the Republic of Korea: strategic partners

- **Deep cooperation exists in political, economic/trade and security terms: the Framework Agreement; the Free Trade Agreement; the Framework Participation Agreement**
- **The Free Trade Agreement remains the most ambitious trade deal so far implemented. EU-Korea bilateral trade worth some 86 billion euros**
- **The framework agreed on a global with the adoption of the New Urban Agenda under Habitat 3 in Quito in 2016 provides a new context for EU-Korea cooperation on sustainable urban development**



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# World Cities project: kick-off meeting in Seoul, March 2017



## **The EU's World Cities project: Objectives**

- **To establish city pairings, EU with non-EU, for cities interested in promoting more sustainable urban development (approximately  $16 + 16 = 32$ ) in accordance with the EU Urban Agenda and the New Urban Agenda of the United Nations**
- **To facilitate the exchange of information and good practices on urban development policy and practice in accordance with the EU Urban Agenda and the New Urban Agenda**
- **To identify pilot and concrete actions, for implementation in the short-term, in diverse areas including urban innovation (smart-city), green technologies (energy, low carbon) and circular economy (waste and water management).**

# World Cities: Objectives

- **To provide technical assistance using a specialist team also including the EU Delegations in non-EU countries, national authorities of the non-EU countries, REGIO.**
- **To promote multi-stakeholder approaches, notably, the so-called 'triple-helix cooperation' between governments, research and business**
- **To strengthen market opportunities and job creation while pursuing the sustainable economic development of the cities involved, thus fostering win-win cooperation.**

# The 12-point Urban Agenda of the EU (UAEU 2016)



INCLUSION OF  
MIGRANTS & REFUGEES



AIR QUALITY



HOUSING



URBAN POVERTY



CIRCULAR  
ECONOMY



CLIMATE  
ADAPTATION



ENERGY TRANSITION



URBAN  
MOBILITY



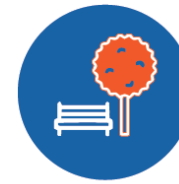
DIGITAL TRANSITION



PUBLIC  
PROCUREMENT



JOBS & SKILLS  
IN LOCAL ECONOMY



SUTAINABLE USE  
OF LAND AND  
NATURE-BASED  
SOLUTIONS

## **The New Urban Agenda of the UN: themes**

- **Housing and basic service**
- **Mobility and public transport**
- **Integrated and participatory city management**
- **Air quality and waste management**
- **Public spaces**
- **Urban-rural linkages**
- **Integrated planning including inclusion, resource efficiency, climate change, disaster resilience**
- **Support for developing countries in sustainable and resilient construction**

# World Cities – Two Phases

European Parliament decision (2014-15): “World cities: EU - third countries cooperation on urban development”.

## 2015-2016

- ✓ EU - China
- ✓ EU - India
- ✓ EU – Canada
- ✓ EU – Japan

European Parliament (2016) to continue “World cities” but with new non-EU countries

## 2017 – 2018

- ✓ EU – Republic of Korea
- ✓ EU – Australia
- ✓ EU – Indonesia
- ✓ EU – Vietnam
- ✓ EU – South Africa



## **World Cities II – Non-EU cities**

- ✓ **Cooperation of EU cities with cities from Australia, South Africa, South Korea, Indonesia and Vietnam since March/June 2017**
  
- ✓ **Seoul, Busan, Gwangju, Suwon in South Korea are part of a selected group of non-EU cities, working in 16 city pairs also including**
  - ✓ **South Africa: Cape Town, Durban, Port Elisabeth, Ekurhuleni**
  - ✓ **Australia: Canberra, Melbourne, Adelaide and Hobart**
  - ✓ **Indonesia: Semarang, Makassar**
  - ✓ **Vietnam: Ho Chi Minh City (HCMC), Hanoi**

## World Cities II – EU cities

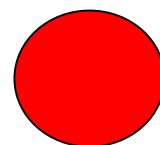
- ✓ The 16 EU cities involved in the cooperation 2017-2018 are:

City	EU Country	City	EU Country
Hamburg	Germany	Tampere	Finland
Katowice	Poland	Barcelona	Spain
Prague	Czech Republic	Scottish Cities	UK
Manchester	UK	Eindhoven	NL
Sevilla	Spain	Málaga	Spain
Milan	Italy	Graz	Austria
Kosice	Slovak Republic	Belfast	UK
Zagreb	Croatia	Bilbao	Spain

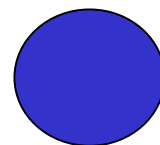


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## The World Cities Community – EU Cities



2017-2018



2015-2016



 2015-2016

● 2017-2018



# **World Cities II implementation: main phases with Korea (1)**

- **Selection of EU and Korean cities for implementing pairing schemes during 2017–2018 [✓]**
  - **Open competition in the EU and Korea**
- **First meeting: plenary session [✓] followed by one-week working meetings in the non-EU country (five delegates from each participating EU city).**
  - **Objective: obtain agreement in principle to cooperate on a limited number of urban development themes of shared interest. The working meetings broke out to include field and projects visits in the paired city.**
- **Time period: March 2017**



## First meeting in Korea (March 2017) - Impressions



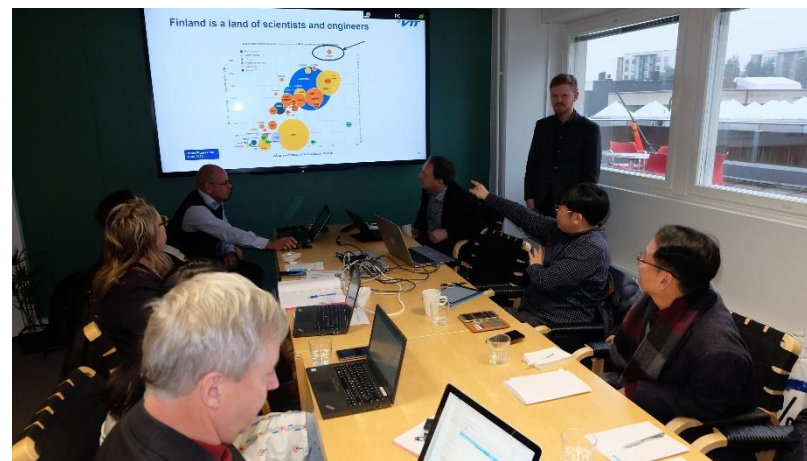
# **World Cities II implementation: main phases (2)**

- **Period of bilateral cooperation among the cities on the agreed themes**
  - **Coordination calls between both sides**
  - **Support through the pairing managers**
  - **Adjusting topics based on the feasibility of the proposals**
- **Second working meetings in the European Union happened in November 2017**
  - **The project covered delegations from each Korean city to visit their city pairs and to participate at mid-term review conference in Copenhagen at Ramboll Headquarters.**



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## Second meeting in Europe (November 2017) - Impressions





## Mid Term Review in Copenhagen – Nov 2017



# World Cities II implementation: main phases (3)

- Project finale: Closing meetings just held in Korea.
  - Objective: stocktaking plus plans for further cooperation outside the World Cities project (possibilities include MoUs, Letters of Intent, joint pilot projects, exchange of personnel, etc).
  - Time: 18 – 19 March 2018
    - Tampere visited Gwangju already early March (due to time constraints for this week)
    - Eindhoven postponed visit to June 2018
  - Results:
    - Roadmaps for collaboration (partly LoIs under preparation)
    - Involvement of partners from public authorities, universities, business community and the civil society (*quadruple-helix*)
    - Vast portfolio of pilot projects (see next slides)

## World Cities: Pilot Areas For Cooperation (1)

- 1) Seoul – Eindhoven (MoU under preparation)
  - ✓ Urban lighting: cooperation on Smart Urban Lighting Systems – industry involved
  - ✓ Social Innovation: establishing the first joint “Global Living Lab” addressing key societal challenges through innovation
  - ✓ E-Government: exchange of policies and technologies towards global digital transition to improve governing processes and facilitate all urban actors, and in particular our citizens
  - ✓ Joint participation in Horizon 2020 calls related to Smart City, Clean Energy, Urban Mobility

## World Cities: Pilot Areas For Cooperation (2)

### 2) Gwangju – Tampere (MoU under preparation)

- ✓ Mobility: Mobility as a Service (MaaS), Mobility HUBs and E-mobility: Gwangju plans to build a cluster for making eco-friendly vehicle parts. Cooperation with LG Innotek.
- ✓ Smart City: Cooperation on ICT standards - Gwangju to join the Open and Agile Smart Cities Alliance.
- ✓ Virtual reality and artificial intelligence: Cooperation between Tampere's TAUCHI Human-Machine Interface Program and Gwangju Techno Park 3D, GIST Gwangju Institute of Science and Technology.
- ✓ Air Quality

## World Cities: Pilot Areas For Cooperation (3)

### 3) Busan – Barcelona (LoI under preparation)

- ✓ Smart-city: Possible Smart Cities Expo in Busan 2018
- ✓ Urban mobility: Busan to learn from Barcelona's public transportation integrated fare system
- ✓ Joint participation in Horizon 2020 calls related to Smart City, Clean Energy, Urban Mobility
- ✓ Urban regeneration: join development of cultural concepts for brownfield sites
- ✓ Start-ups ecosystems of Barcelona and Busan

## World Cities: Pilot Areas For Cooperation (4)

- 4) Suwon – Scottish Cities (MoI under preparation)
- ✓ Cultural heritage: cooperation between Historic Environment Scotland (including *The Engine Shed*) and Suwon's Hwaseong Fortress, a UNESCO World DataHeritage Site. Tools used for analysis and the work of the digital team (3D work, etc.)
  - ✓ Urban Regeneration – cooperation with Clyde Gateway (Scotland's biggest and most ambitious regeneration programme).

Possible further areas:

- ✓ Big data: cooperation between The Lab and Suwon's
- ✓ Innovation, start-ups: cooperation between the CivTech Incubator and Suwon's Digital City





# World Cities

EU – Third Countries Cooperation on Urban and Regional Development



PROJECT

ACTIVITIES

CITIES

COUNTRIES

RESULTS

TOPICS

한국어

BAHASA

TIẾNG VIỆT



2017 – 2018

2015 – 2016

CETREGIO (2011 – 2014)

MEETING IN AUSTRALIA –  
03/2018

MEETING IN INDONESIA  
01/2018

MEETING IN VIETNAM –  
02/2018

TAMPERE IN KOREA – 03/2018

WORK MEETING IN EU (2)  
11/2017

WORK MEETING IN THE EU (1) –  
11/2017

WORK MEETING IN THE EU –  
10/2017

WORK MEETING IN THE EU –  
08/2017



BUSAN IN BARCELONA

GWANGJU IN TAMPERE

SEOUL IN EINDHOVEN

SUWON IN SCOTLAND

## Work Meeting in EU (2) 11/2017

Copenhagen hosted on 27 November 2017 a meeting between four Korean cities - **Seoul**, **Busan**, **Gwangju** and **Suwon** - and two European pairs - **Eindhoven** (Netherlands) and **Barcelona** (Spain).

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# World Cities Interactive Community – The *interactive thematic clusters* as a way forward

forum.world-cities.eu



World Cities Forum

EU – Third Countries Cooperation on  
Urban and Regional Development

Thematic Forums ▾

Geographical Groups ▾

Recent Activity

Participants

Smart City

Innovation, Start-Ups

Mobility

Water Management

Horizon 2020

Climate Change





## World Cities Forum

Dear colleagues,

Search ...



# ...possible next steps: the International Urban Cooperation (IUC) – Asia programme





INTERNATIONAL URBAN COOPERATION  
European Union - Asia

A European Union  
Programme

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## IUC Asia News



MARCH 18, 2018

Training in Gwangju, Republic of Korea


The IUC ASIA organised the training event City Energy and Climate Action – How to set



FEBRUARY 16, 2018

DG REGIO Seminar at UN Habitat WUF in Malaysia

The IUC ASIA project co-organised DG REGIO's networking event Cities contributing to the



FEBRUARY 15, 2018

Training Event: City Energy and Climate Action – How to set Targets and Develop a Plan



# Thank you for your attention

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