

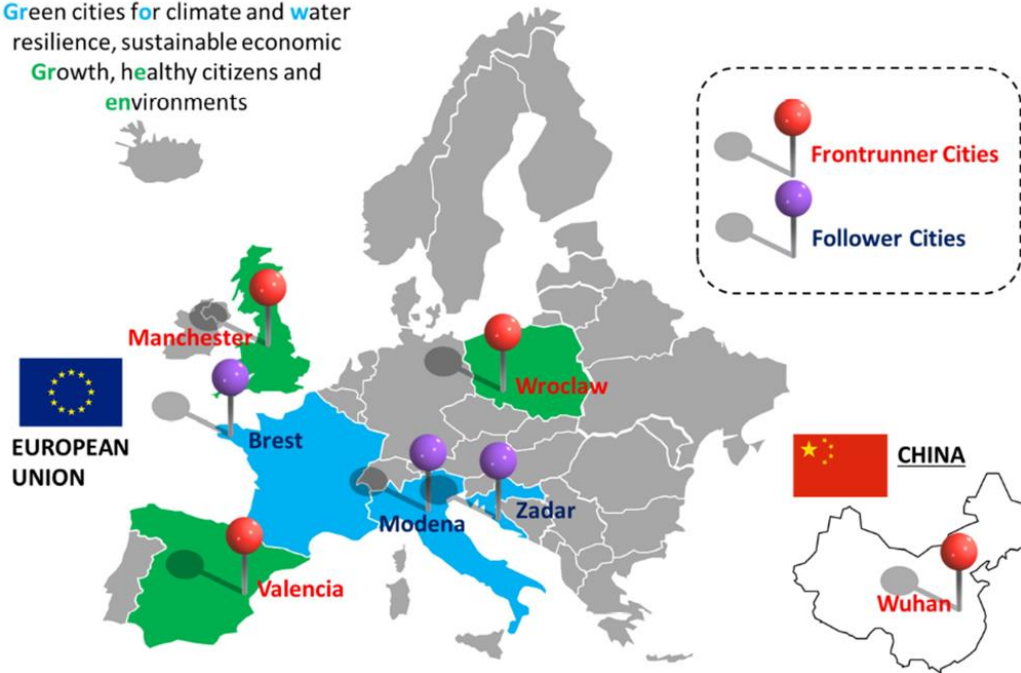


Grow Green

# GrowGreen international replication

## Grow Green

Green cities for climate and water resilience, sustainable economic growth, healthy citizens and environments



Climate risk	Frontrunner	Follower
Flood risk	Manchester	Brest
Heat stress	Valencia	Zadar
Both	Wroclaw	Modena
<i>China</i>	Wuhan	Sponge Cities



16 MAY 2018 – A CORUÑA

Raúl Sánchez ([rausan@cartif.es](mailto:rausan@cartif.es))

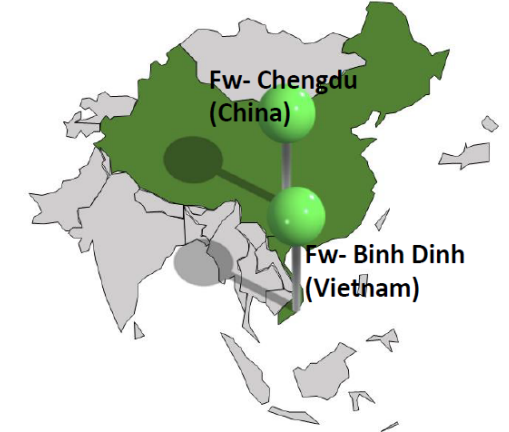
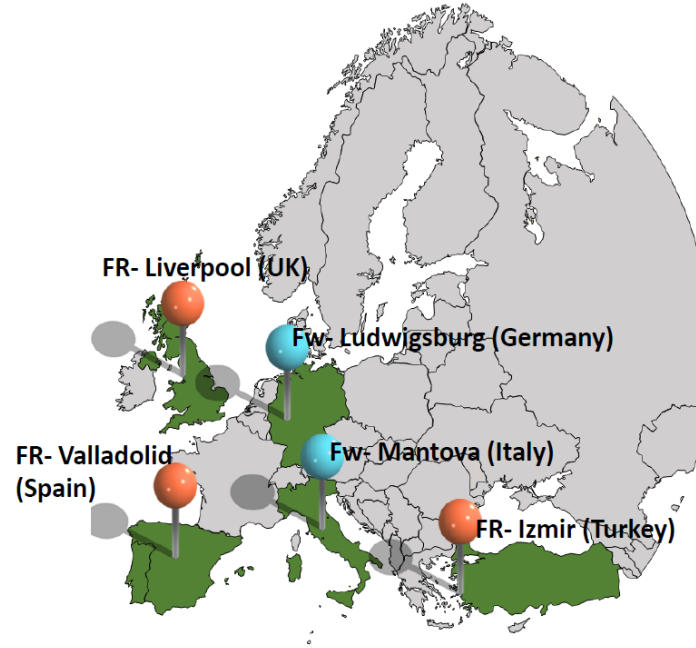


**Paving the way for sharing the European nature-based solutions experience with the world**

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 730426



# URBAN GreenUP - APPROACH TAKEN – GLOBAL DIMENSION

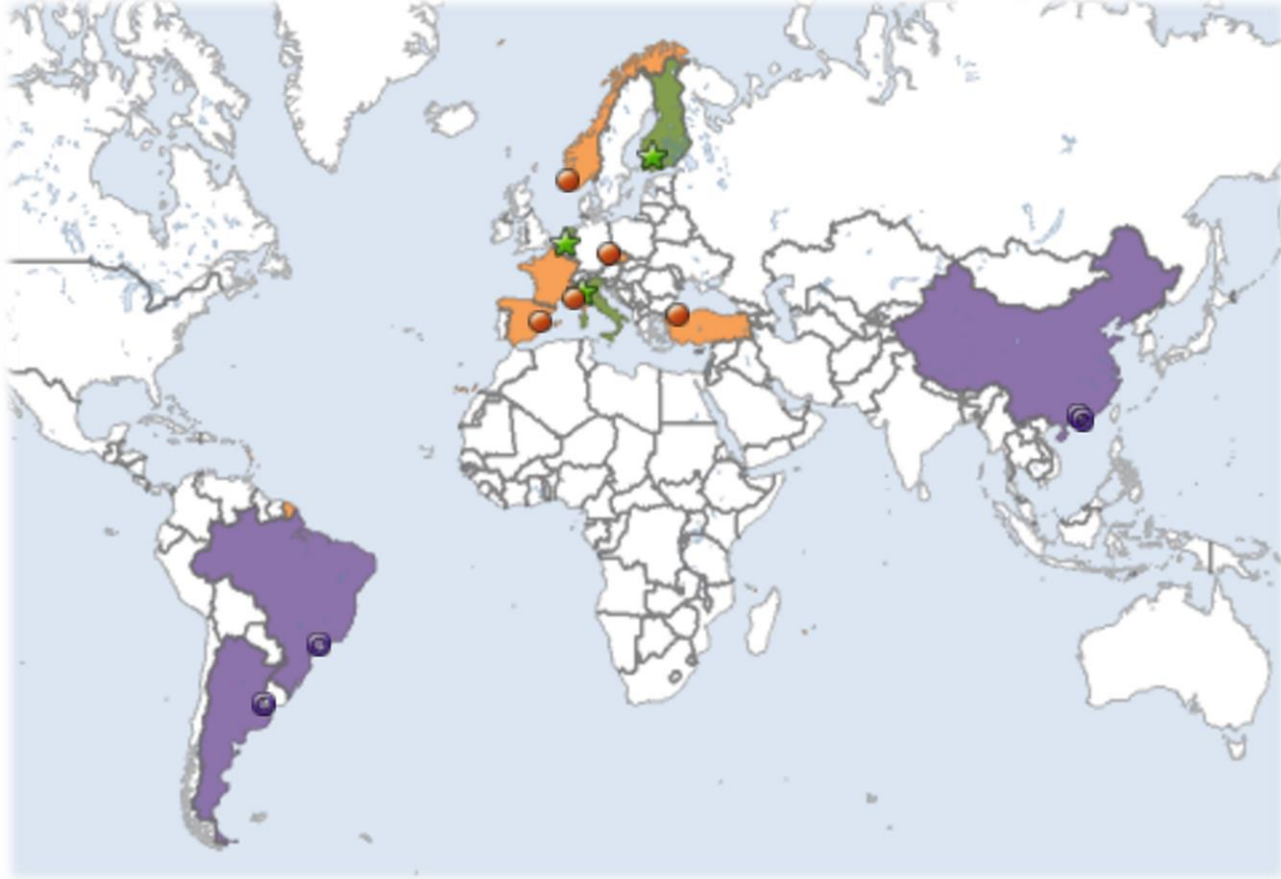


**The consortium: 25 Partners (8 municipalities, 9 RTD – 6 tech. centres, 3 universities –, 2 large industries, 3 SMEs, 2 Non Profit organizations and 1 Public Body).**

**Nationalities: 9 (Spanish, English, Turkish, German, Italian, Portuguese, Chinese, Vietnamese, Colombian).**







[www.unalab.eu](http://www.unalab.eu)

Implementation and demonstration of co-created, innovative, replicable, and locally-attuned **nature-based solutions** to enhance the climate and water resilience of cities

28 partners (and 2 observers) from Industry, Research and Public organisations. 10 cities with a balanced geographical spread, diversity in size and climate conditions. Front runner cities: Eindhoven, Genova, Tampere; Follower cities: Başakşehir, Cannes, Castellon, Prague, Stavanger; Observer cities: Buenos Aires, Hong Kong; Observer cities: Guangzhou (CN), Brazilian network of Smart Cities



European  
Commission

Horizon 2020  
European Union funding  
for Research & Innovation

This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No. 730052 | **Topic**: SCC-2-2016-2017: *Smart Cities and Communities Nature based solutions*

# From challenges to solutions

Water/climate-related challenges									
		Flooding	Water scarcity	Water / air pollution	Heat stress	Rapid growth / increasing densification	Climate driven health issues	Habitat loss or fragmentation	Reduced biodiversity
Front-runners	EINDHOVEN	x		x	x	x	x	x	x
	GENOVA	x	x	x	x			x	x
	TAMPERE	x		x		x		x	x
EU Followers	BAŞAKŞEHİR		x	x	x	x	x	x	x
	CANNES	x	x	x	x	x	x	x	x
	CASTELLÓN	x	x	x	x	x	x	x	x
	PRAGUE	x	x	x	x	x	x	x	x
	STAVANGER	x		x		x	x	x	x
Non-EU	BUENOS AIRES	x		x	x	x	x	x	x
	HONG KONG	x	x	x	x	x	x	x	x
	BRAZIL CITIES	x		x	x	x	x	x	x



Example applicable water/climate-related NBS									
		Vegetated floodway or swale	Green walls & roofs	Stormwater retention ponds & cisterns	Reforestation/ street trees	Green space establishment	Rivercourse daylighting	Permeable pavements	Real-time environmental monitoring
Front-runners	EINDHOVEN	✓	✓	✓		✓	✓	✓	✓
	GENOVA	✓	✓	✓	✓	✓	✓	✓	✓
	TAMPERE	✓	✓	✓		✓		✓	✓
Followers	BAŞAKŞEHİR	✓	✓			✓		✓	✓
	CANNES	✓	✓	✓		✓		✓	✓
	CASTELLÓN	✓	✓			✓		✓	✓
	PRAGUE	✓	✓	✓	✓	✓		✓	✓
	STAVANGER	✓	✓	✓		✓		✓	✓
Non-EU	BUENOS AIRES	✓	✓	✓	✓	✓		✓	✓
	HONG KONG		✓	✓	✓	✓		✓	✓
	BRAZIL CITIES	✓	✓	✓		✓		✓	✓



28 partners (and 2 observers) from Industry, Research and Public organisations. 10 cities with a balanced geographical spread, diversity in size and climate conditions.

**Front runner cities:** Eindhoven, Genova, Tampere; **Follower cities:** Başakşehir, Cannes, Castellon, Prague, Stavanger; **Observer cities:** Guangzhou (CN), Brazilian network of Smart Cities

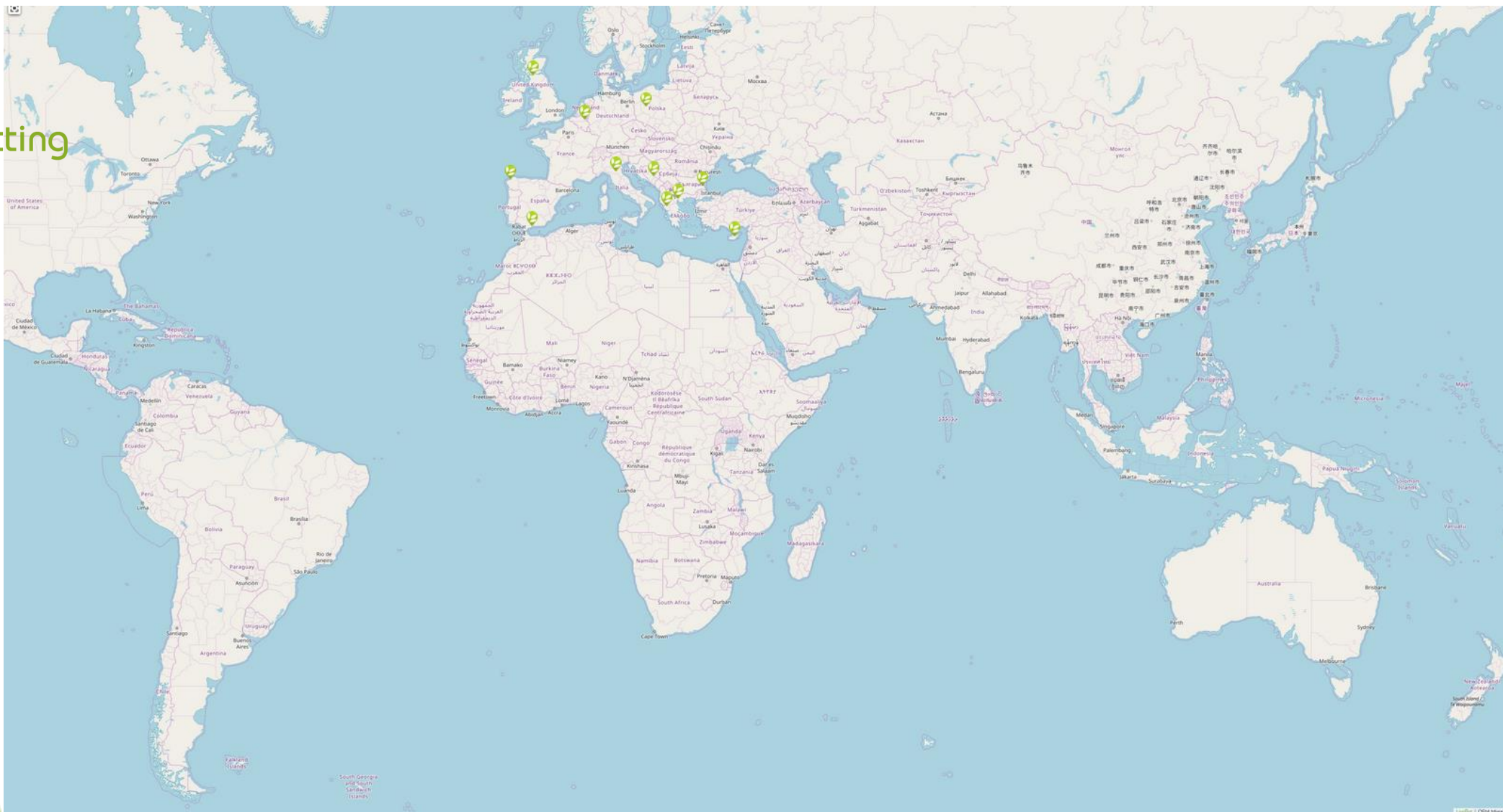
# Reaching out from Connecting Nature in Europe...



**Genk**  
**Glasgow**  
**Poznan**

**A Coruna**  
**Bologna**  
**Burgas**  
**Ioannina**  
**Malaga**  
**Nicosia**  
**Sarajevo**  
**Pavlos Melas**

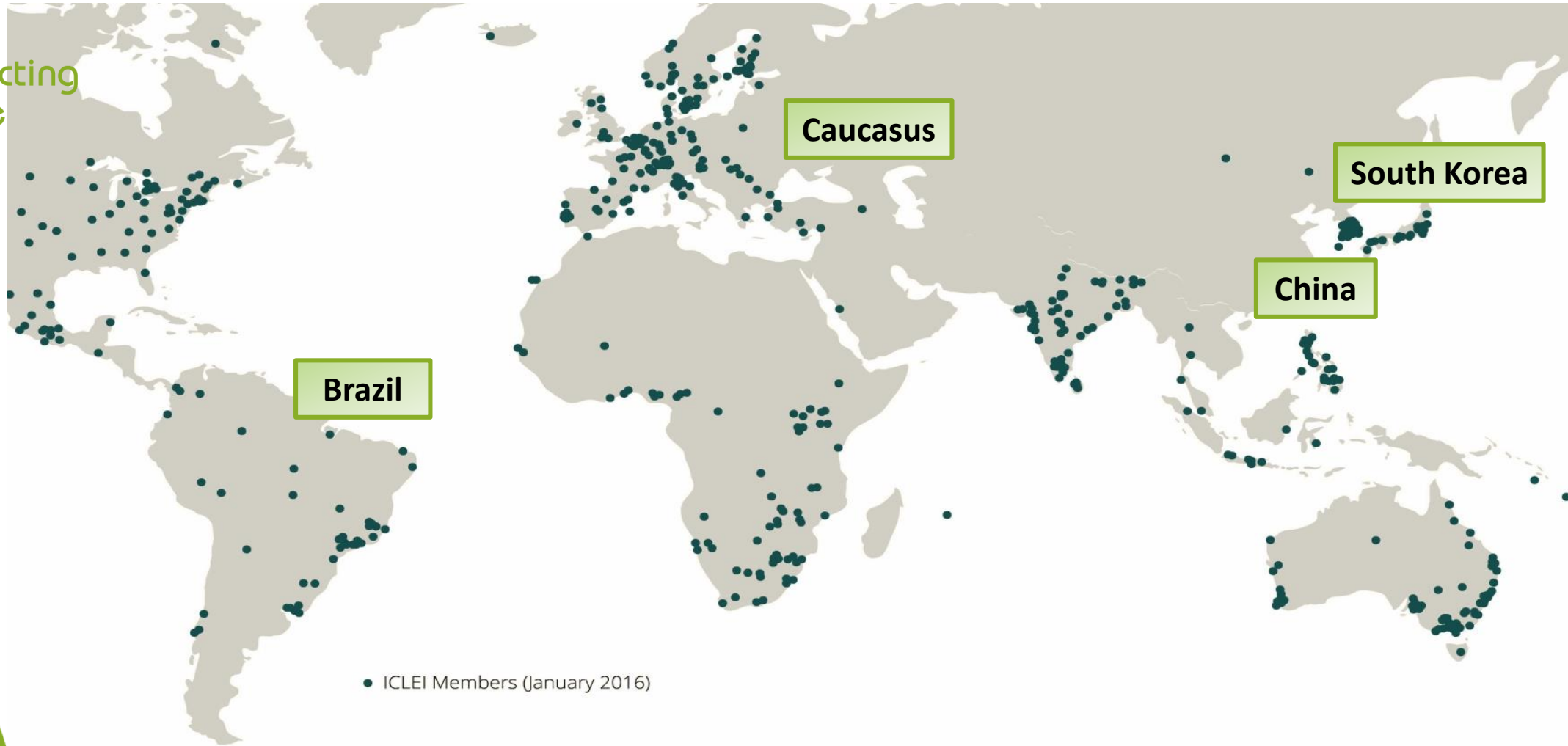
Bringing  
cities to life,  
Bringing life  
into cities.



Co-funded by the Horizon 2020  
Framework Programme of the European Union



# ...into regions around the world



Bringing cities to life,  
Bringing life into cities.



Co-funded by the Horizon 2020  
Framework Programme of the European Union