



Liverpool City Council



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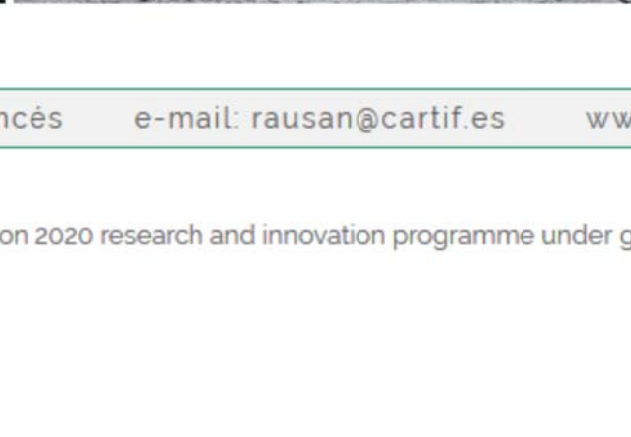
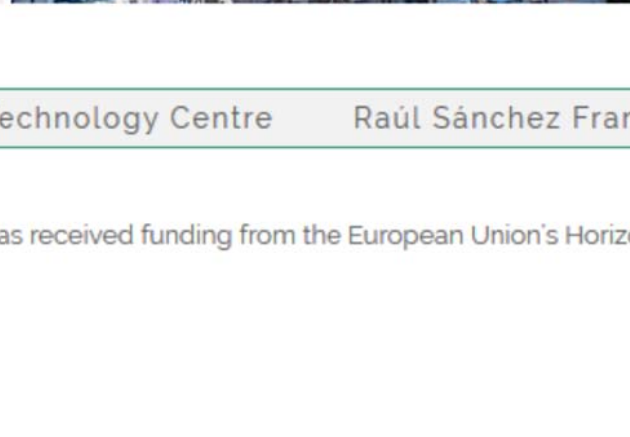
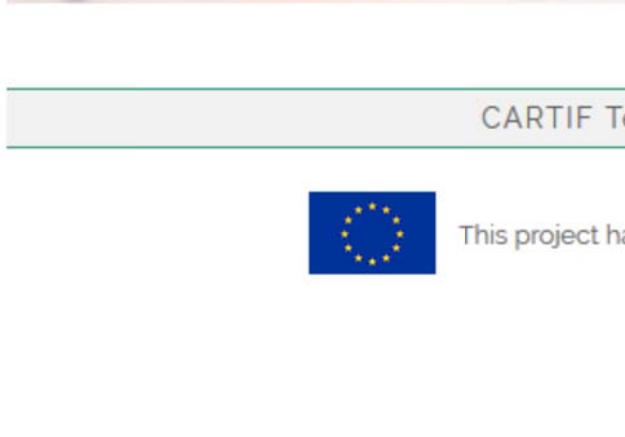
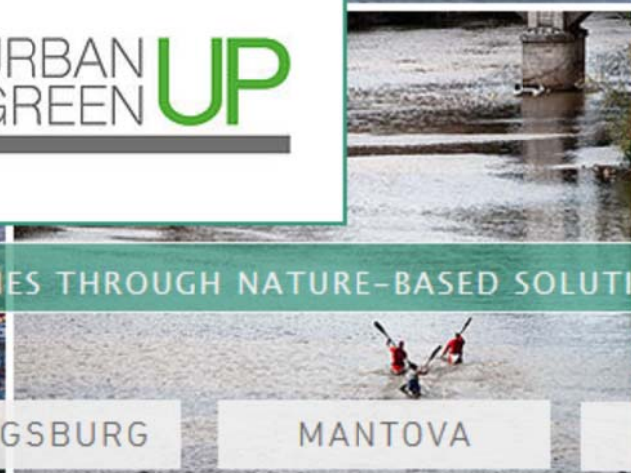
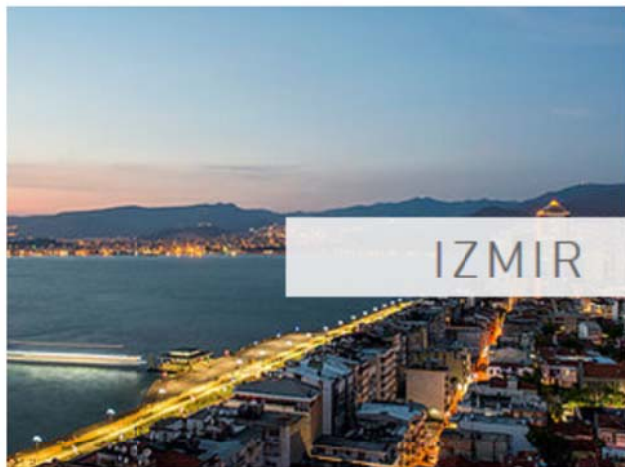


URBAN GREEN



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

URBAN GreenUP



NEW STRATEGY FOR RE-NATURING CITIES THROUGH NATURE-BASED SOLUTIONS

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URBAN GreenUP OVERVIEW / OVERALL APPROACH

URBAN GreenUP is the demonstration of an **innovative methodology naturing cities through NBS interventions**, considering new tech towards the adaptation of the cities to fight against the climate change:

1. Identification of the **city challenges**.
2. Involvement of the **key stakeholders** (industry partners, SMEs, entrepreneurs and citizens – collaborative approach).
3. **Demonstration** in 3 Demo-sites (Valladolid, Liverpool and Izmir).
4. **Evaluation and Replication** at EU level.
5. Application of **interdisciplinary approach**: different methodologies
6. Involvement of **Social Sciences and Humanities**: Collaborative meth (plan to involve the Social Science and Humanities and deployment of NBS) and KPIs.



URBAN Green
Re-naturing C
through
NBS methods

RE-NATURING CITIES THROUGH NBS METHODOLOGY



- **URBAN GreenUP** introduces the concept of **re-naturing Urban Planning (RUP)** which incorporates the urban planning aspects directly related to the nature-based solutions as part of Sustainable Urban Planning.
- URBAN GreenUP **will deliver a process to support the direct implementation of NBS** in order to address specific climate change risks.
- **Co-creation** and **co-development processes** will be necessary.

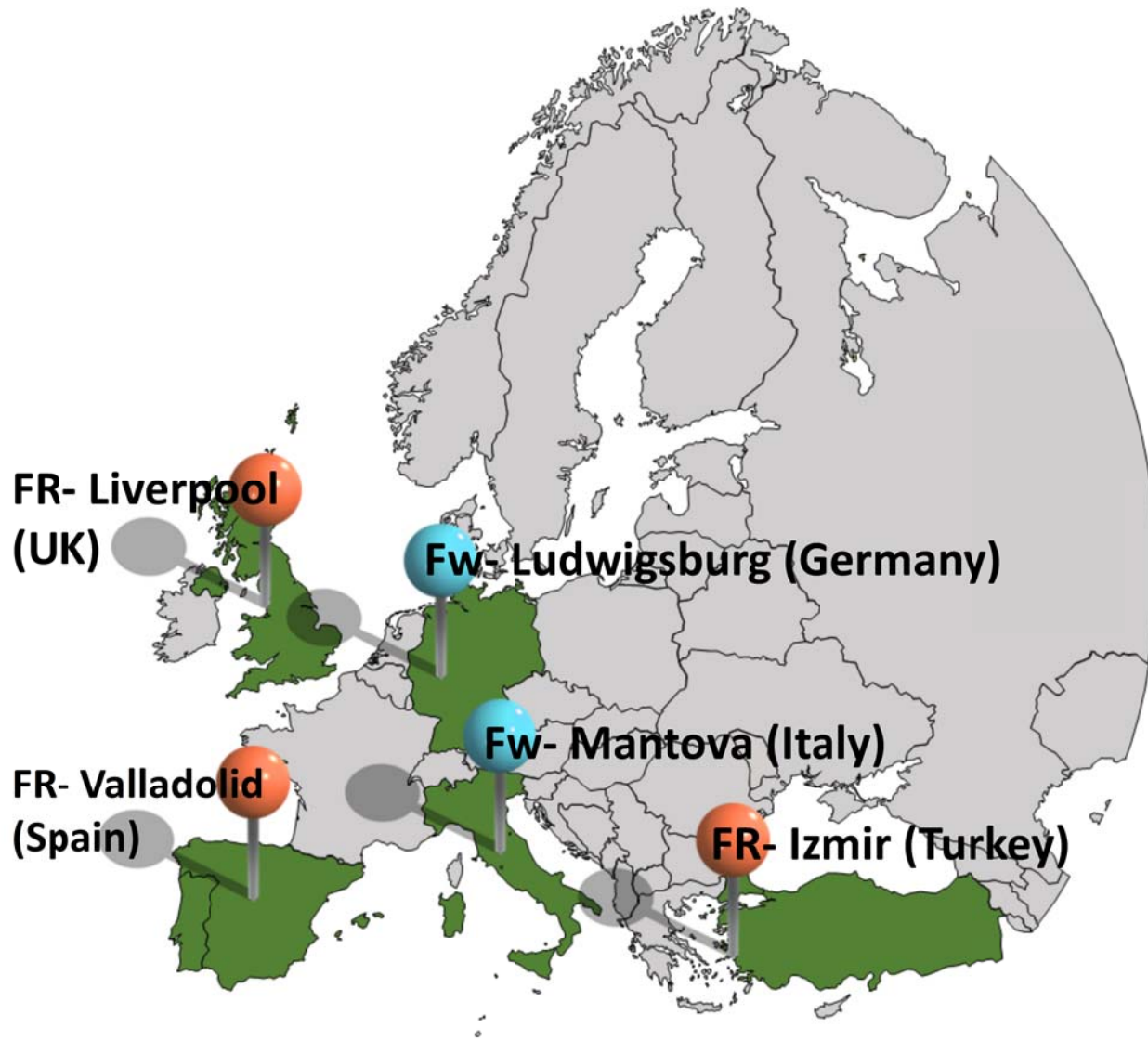
Large scale demonstration: validating the models, from the technological and the non-technical perspective



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FRONT-RUNNER Cities



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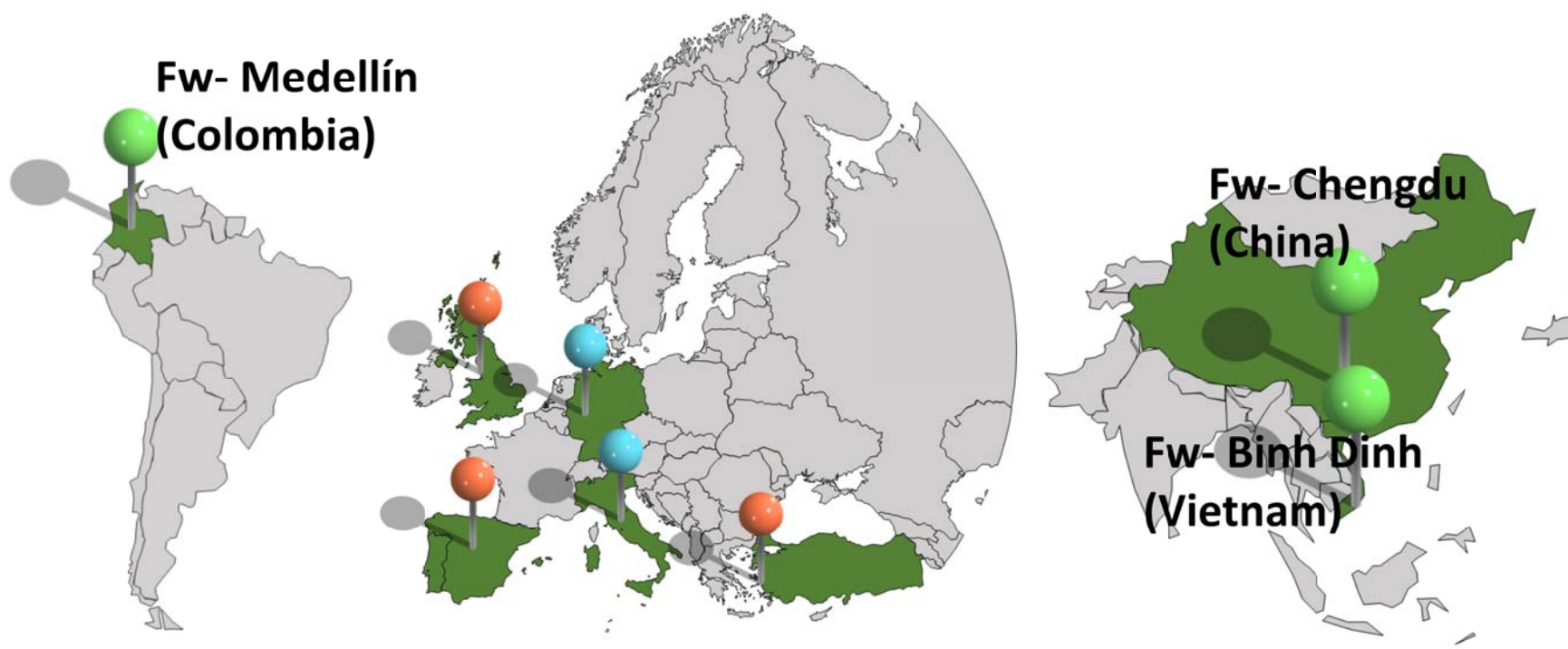
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Non European FOLLOWER C

Alcaldía de Medellín
Cuenta con vos

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URBAN GreenUP Kick-off meeting | Valladolid | June 2017





URBAN Green
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... INNOVATION
... DEMONSTRATION
... MONITORING & EVALUATION



**...REPLICABILITY &
TRANSFERABILITY**



**...NBS MONETIZATION & NEW
BUSINESS MODELS**

...NETWORKING

...COLLABORATION



URBAN Green Actions & imp

URBAN GreenUP ACTIONS and IMPACTS



Valladolid



Liverpool






Izmir

URBAN GreenUP actions will be implemented in different **Sub-Demo areas** in each Front-runner City.

The main feature of this implement way is the **interconnection** **Sub-Demo areas**.

The interventions has been categorized in **4 overall categories** **those in different sub-categories related to s climate change challenges:**

| RE-NATURING URBANIZATION  | WATER INTERVENTIONS  | SINGULAR GI  | NON TECHNICAL INTERVENTION |
|---|---|---|----------------------------|
| Green route | SUDS | Smart soils | Educational activities |
| Arboreal Interventions | Flood actions | Pollinators | Engagement |
| Carbon capture | Green Pavements | Vertical GI | City coaching |
| Resting areas | Water treatment | Horizontal GI | Support activity |
| | | Pollutants filter | |
| | | Bike-pedestrian infrastructures | |
| | | Urban farming | |

... MOST RELEVANT IMPACTS IN THE PROJECT

- **New global NBS market**, new economic opportunities, products, local **green jobs** (more than 500 direct jobs)
- Increasing **awareness** of the benefits of re-naturing cities
- **Enhancing stakeholder** and **citizen participation** (processes for **co-design**, **co-development** and **co-implementation**).
- Fostering the creation by 2020 of **healthier** and **greener cities**
- **Increasing** the **international cooperation**
- Enhancing the **implementation of EU environmental policies**
- **Improving** living conditions and **biodiversity**
- **Improving Mobility conditions** – green corridors associated with promoting the use of bicycles

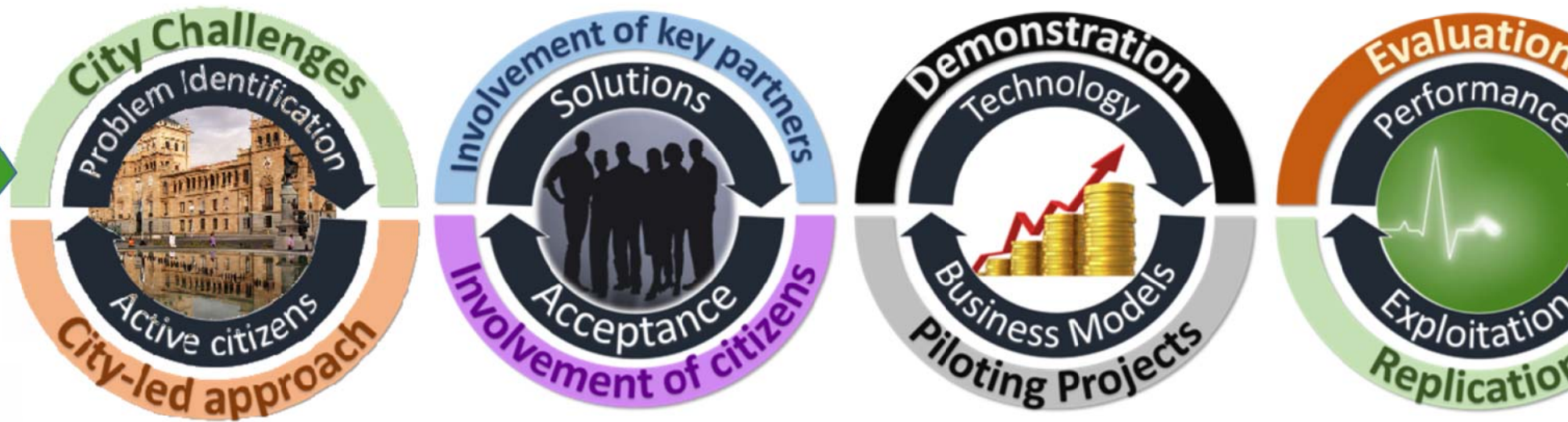




URBAN GREEN UP

URBAN GreenU
development
actions and re
impacts

METHODOLOGY TO DEVELOP ACTIONS AND TO REACH THE URBAN GreenUP IMPACTS



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#

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