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URBAN GREENUP PUBLIC-PRIVATE PARTNERSHIPS IN IMPLEMENTING NBS

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No 730426





Public organization fostering the Public-Private partnership in implementing NBS

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Benefits of Public-Private collaboration in NBS implementation

Benefits provided by NBS

Social

- Improved thermal and acoustic comfort
- Physical and mental health and quality of life
- Recreation
- Enhancing the value of social space
- Promotion of environmental education

Environmental

- Mitigation of and adaptation to climate change
- Biodiversity
- Improving the water cycle and increasing its quality
- Soil stability and erosion control
- Reduction of heat island effect

Economic details

- Energy saving in buildings
- Increase in property value
- Potential to generate green jobs
- Provision of raw materials: biomass, fibres...

Cultural

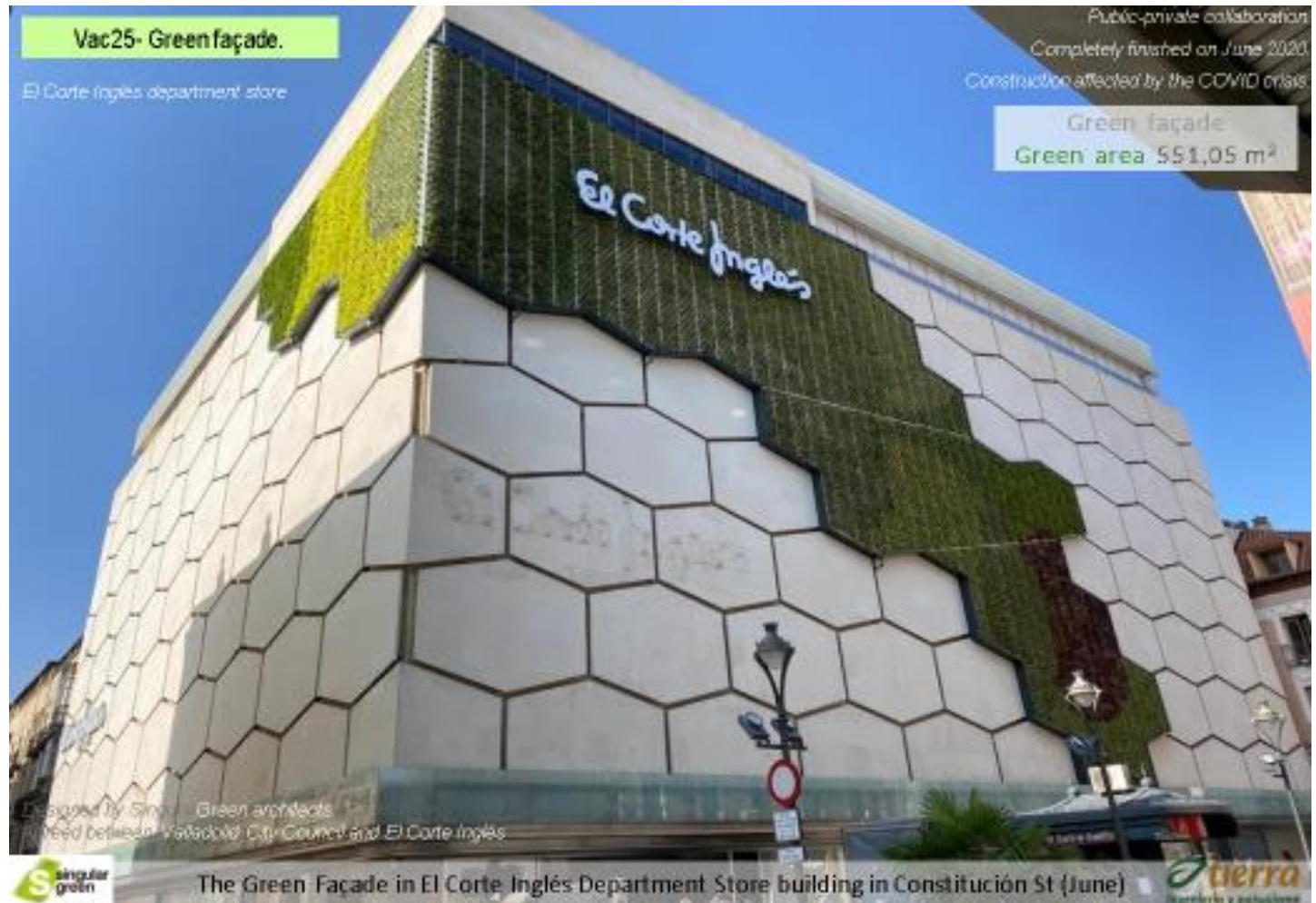
- Improvement of the landscape quality of the surroundings
- Improving the connectivity of urban space
- Integration of different spaces in the city
- Identification with the place and sense of belonging





Examples of collaboration

- **Green facade URBAN GreenUP**
- **Electrowetland URBAN GreenUP**
- **Football Stadium-Urban Water Buffer**
- **Local ordinance Demo City**



VAc26 Electro-wetland

Implementation



EW in Fernando Ferreiro St (Patricia Park)



Re-naturalized slope



Water inlet through gravel.

Electro-wetland
Blue-Green area 50 m²

- Implemented in July 2021.



A poster illustrates the system from above



Phragmites australis
growing.



Guided visit to politicians (Mayor, Councillors of Innovation and Public Space) (Sep 21)



The Urban Waterbuffer system (UWB)

Implementation of an innovative circular solution for the collection, storage and reuse of rainwater around the Zorrilla Football Stadium in Valladolid, preventing pluvial flooding and mitigating the effects of drought.

- 1 Collection
- 2 Retention
- 3 Treatment
- 4 Storage
- 5 Use



The UWB will collect rain water from 46.500 m², including stadium and parking lot.



WHAT ARE EU MISSIONS?

- A new way to bring concrete solutions to some of our greatest challenges.
- They have ambitious goals and will deliver tangible results by 2030.

OBJECTIVES OF THE MISSION

- 100 climate-neutral and smart cities by 2030.
- Ensure that these cities act as experimentation and innovation hubs to put all European cities in position to become climate-neutral by 2050.

BENEFITS FOR CITIES

- Tailor-made advice and assistance from the **Mission Platform** (NetZeroCities Consortium)
- Additional funding and financing opportunities through a **Mission Label**.
- National coordination network. Exchanging experiences and learning.
- High visibility.

**NET
ZERO
CITIES**



NEXT STEPS

- Climate City Contracts.

IRELAND
Cork
Dublin

SPAIN
Barcelona
Madrid
Seville
Valencia
Valladolid
Vitoria-Gasteiz
Zaragoza

PORTUGAL
Guimarães
Lisbon
Porto

SPAIN (7) ...
Barcelona
Madrid
Seville
Valencia
Valladolid
Vitoria-Gasteiz
Zaragoza

FRANCE
Angers La
Bordeaux
Dijon Met
Dunkerque
Grenoble
Metropolis
Lyon
Marseille
Nantes M
Paris

LUXEMBOURG
Differdange



Transformative projects in key sectors

Facilitators of climate neutrality through innovation

- ❖ Agency for **Innovation and Economic Development** :
 - ❖ Ordinance "*Valladolid Demonstrative City*"
 - ❖ **SmartVA!** Digital Innovation Plan.
 - ❖ Support for the implementation of comprehensive innovative and climate projects.
- ❖ Local Instruction 1/2018 to *Promote socially efficient and climate neutral contracting.*
- ❖ EU Mission 100 Climate-Neutral Cities by 2030, April 2022.



Proyectos Europeos.



Lessons learnt



THANK YOU FOR YOUR ATTENTION

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