

# València Demo Project



GrowGreen, a partnership for greener cities to increase liveability, sustainability and business opportunities



## About

Project  
City Partners  
Work Packages  
Contact

## City Actions

GrowGreen Cities  
Green Cities Framework  
Impacts  
Timeline

## Partners

Partner organisations  
Team Members

## Events

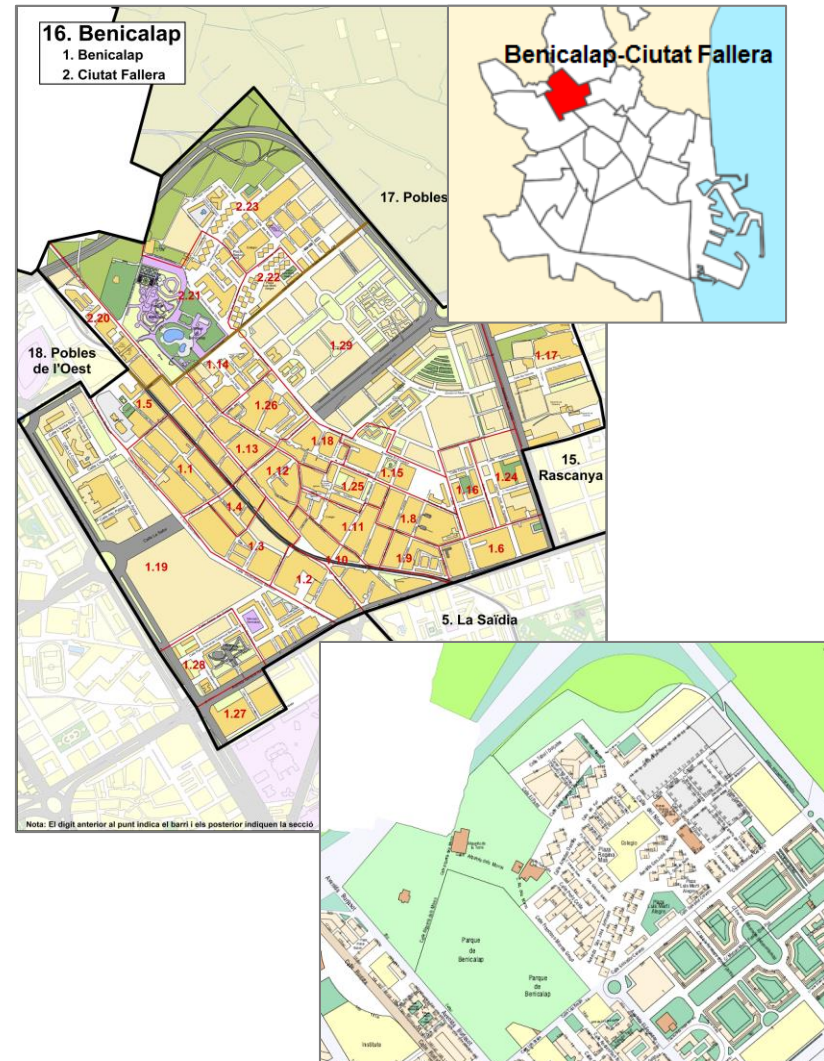
Upcoming Events  
Calendar

## Overview of demonstration project

### BENICALAP – CIUDAD FALLERA DISTRICT

It is located in the frontier city-orchards. It is an economically depressed area, with scarce green areas, although there are a couple of parks at the north.

- Location offers the possibility to improve the interaction between the green land and the urban area of the city,
- The district has some generic features that will assure the replicability of the project
- Other peculiarities that will help to **demonstrate that NBS can be applied in different environments**
- Immigration: 16%
- Unemployment: 34%
- The medium age of the population is higher than in other districts
- The residents are complaining because some of the public spaces have been deteriorated.



## Overview of demonstration project

**ACTION 1: Vertical ecosystems** at a public school

**ACTION 2:** Creation of a **Sustainable Small Forest** to compensate the emissions of the district

**ACTION 3: Green - Blue Corridor** to upscale the forest approach towards the urban area

**ACTION 4:** Solutions to thermal stress hotspots and energy poverty: a **Green Roof** in the facility of an elderly building

<http://growgreenproject.eu/>  
<http://mesverdbenicalap.eu/>

---



# VALÈNCIA

Overview of demonstration project

**ACTION 5 (Cross action): “Spaces for collaboration”**  
participation of the whole community in the DESIGN,  
IMPLEMENTATION and EVALUATION of the demo project.



---

## “Spaces for collaboration”

The Stakeholders Engagement has required a specific methodology: “**Listen and Transform**” Toolkit, which includes the tool “**Doing Cities with People**”.

This tool classifies all the actions into three channels:

- Dissemination
- Citizenry
- Participatory project

Co-Design Process for the demo-projects has been implemented with Dissemination actions, Promotion and Communications tasks.

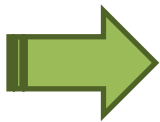
---

# VALÈNCIA



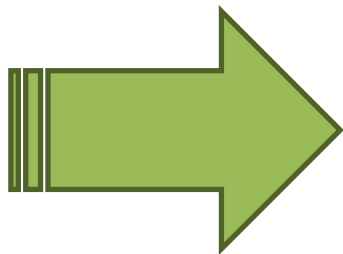
“Spaces for collaboration”  
The process timeline:

**Preparatory phase:**  
July - August 2018



**Participatory process:**  
**Listening phase. Promotion of  
participation, identification,  
and co-design of proposals**

September to December 2018





# VALÈNCIA



“Spaces for collaboration”

The process timeline:

**Monitoring of project execution:**

**Transformation phase.**

**Accompaniment to the execution of the projects and collective visibility of the projects and initiatives developed. 2019**





# VALÈNCIA



## Participatory process, sharing pilots construction



- Neighbourhood walks to acknowledge projects.
- Co-construction of the green corridor pergola.
- Connecting the education community to the biodiversity app.





# VALÈNCIA



“Spaces for collaboration”

The process timeline:

**Accompaniment for the evaluation and collaboration management initiatives.**

**Tracking.**

**Evaluation of results and facilitation of co-management with advice and training for citizen initiatives of collaboration associated with NBS.**

2020-2021



# VALÈNCIA

## “Spaces for collaboration”





# VALÈNCIA



## ACTION 5: "Spaces for collaboration"

**App Biodiversity:** Learning and awareness about local biodiversity. Know the importance of NBS within cities. Involve citizens in the identification of plant species and in the bird census.

**Olea europaea**  
5h 47min 462.59 km

Gana 250 puntos completando los objetivos

VISITADO JUGAR JUGAR QUIZ

Acércate a la misión para poder cumplirla

Ver en el mapa

Plaça de Luis Martí Alegre

Es un árbol de hoja perenne.

El olivo es símbolo de la paz, vinculado a las primeras civilizaciones, al asentamiento humano, al arraigo a la tierra y a la agricul...

**Erithacus rubecula**  
5h 47min 462.2 km

Gana 200 puntos completando los objetivos

VISITADO JUGAR JUGAR QUIZ

Acércate a la misión para poder cumplirla

Ver en el mapa

Plaça de Luis Martí Alegre

<https://www.seo.org/ave/petirrojo-europeo/>

Erithacus rubecula: petirrojo europeo, val. pit-roig, en. European robin

Este pájaro, del tamaño de un gorrión. Pesa 20 g. Tiene el cuerpo rechoncho, el pico fin...

**NBS**

**Jardín vertical**  
5h 47min 462.05 km

Gana 200 puntos completando los objetivos

VISITADO JUGAR JUGAR JUGAR

Acércate a la misión para poder cumplirla

Ver en el mapa

Plaza Regino Mas

El ecosistema vertical o jardín vertical forma parte de las soluciones basadas en la naturaleza (NBS-Nature based solutions), junto con el corredor azul-verde, los sistemas urbanos de drenaje sostenible y e...

**Avistamiento de Aves** 01/02

**Lavandera Blanca**

¿Cuántos has visto?

003

Confirm

Número de Avistamientos: 000



# Grow Green as a laboratory for renaturalization



## València

The new **Green Plan** of the city of Valencia "includes a powerful participatory process so that all sectors of Valencian society can participate in its development". The Green Plan will promote the recovery of **ecosystem services and biodiversity** for a new city model.

PARA IMPULSAR "EL MODELO DE BIODIVERSIDAD DE LAS PRÓXIMAS DÉCADAS"

## El Ayuntamiento de València adjudica la elaboración del Pla Verd por 168.795 euros

Valencia Plaza

PLA VERD, AYUNTAMIENTO DE VALENCIA



 FACEBOOK  TWEET  LINKEDIN  MENÉAME  WHATSAPP



Lo más leído Zenithbr

- 1 Cuatro asesores 'populares', en la picota tras el procesamiento en Taula
  - 2 Primer procesamiento del PP en 'Taula': el juez cree que se benefició del blanqueo en València
  - 3 Roig anuncia que Pamesa no irá a Cevisama y alzas de precio "del 25%" por el coste del gas
  - 4 De Laterne al 'pitufeo': la "sobrefinanciación articulada" del PP según los investigadores
- El informe de gestión de Puig



## ACTION 4: Specific solutions to thermal stress - Green Roof





# Example of monitoring activities

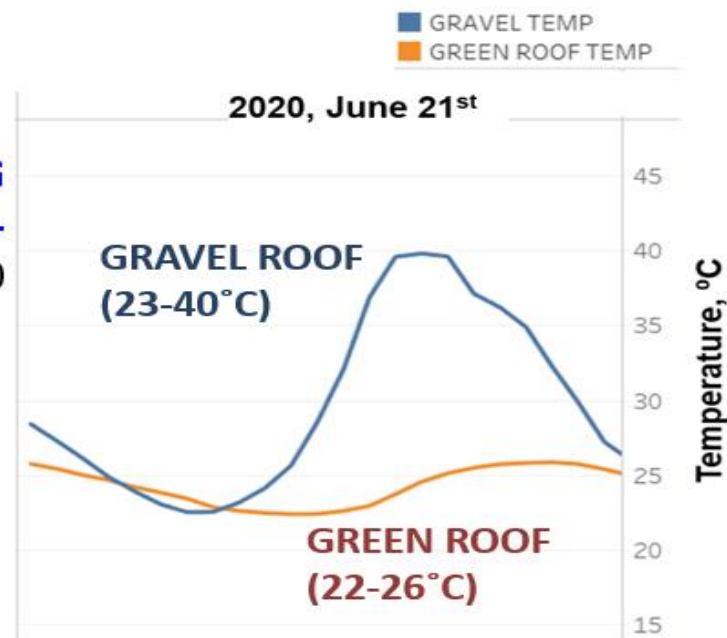
## Green roof

- High impact on thermal behaviour of roof.
- **WHOLE BUILDING AIR CONDITIONING electricity consumption IS REDUCED 20-25%.** Annual net SAVINGS of 1500-2000 kWh of electricity so 375- 500 kg of CO<sub>2</sub>

**WINTER: INCREMENT OF 6-10%**

**SUMMER: SAVINGS OF 25-35%**

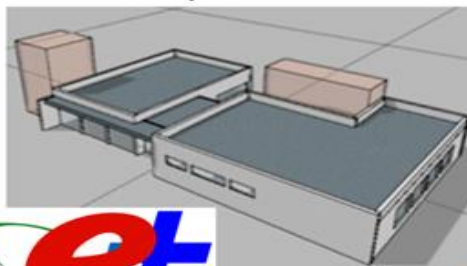
- Monitoring of weather and indoor conditions (air temperature, humidity,...) and local temperature metering (indoor/outdoor ROOF TEMPERATURE)



T roof OUTDOOR



T roof INDOOR



(MODELLING WITH ENERGYPLUS SOFTWARE)





<https://youtu.be/TdxxYoHgbPw>

**Thanks for your attention!**  
[jilacomba@valencia.es](mailto:jilacomba@valencia.es)