



Workshop: Regional and local approaches to fight energy poverty  
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# Energy and educational community for a vulnerable area



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**Interreg  
Europe**



European Union | European Regional Development Fund

# WHY – Learning process POWERTY



POWERTY - Renewable energy for vulnerable groups to tackle **energy poverty**

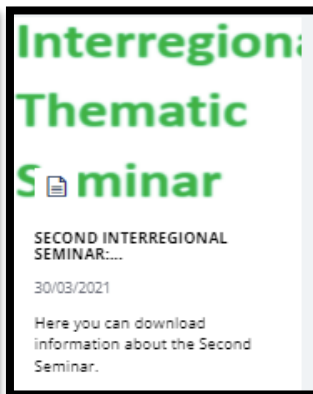
POWERTY  
learning  
process



Selection of  
Good practices  
inspire the idea



**PILOT ACTION  
in Seville**



# WHERE – Vulnerable groups



Torreblanca neighbourhood, located in Andalusian (Seville), has been classified by the the Andalusian Regional Strategy of Cohesion and Social Inclusion as a **Disadvantaged Zone**



## Diario de Sevilla

SEVILLA

SEVILLA PROVINCIA ANDALUCÍA ESPAÑA ECONOMÍA SOCIEDAD DEPORTES CULTURA COFRADÍAS OPINIÓN

SEVILLA VIVIR RUTAS DE SENDERISMO

SEVILLA

## Tres barrios de Sevilla encabezan la lista de los más pobres de España

- El Polígono Sur repite por tercer año consecutivo como la zona más deprimida del país, donde sus habitantes viven con unos ingresos de 14 euros al día
- Los Pajaritos ocupa el segundo lugar de la lista y **Torreblanca el cuarto**

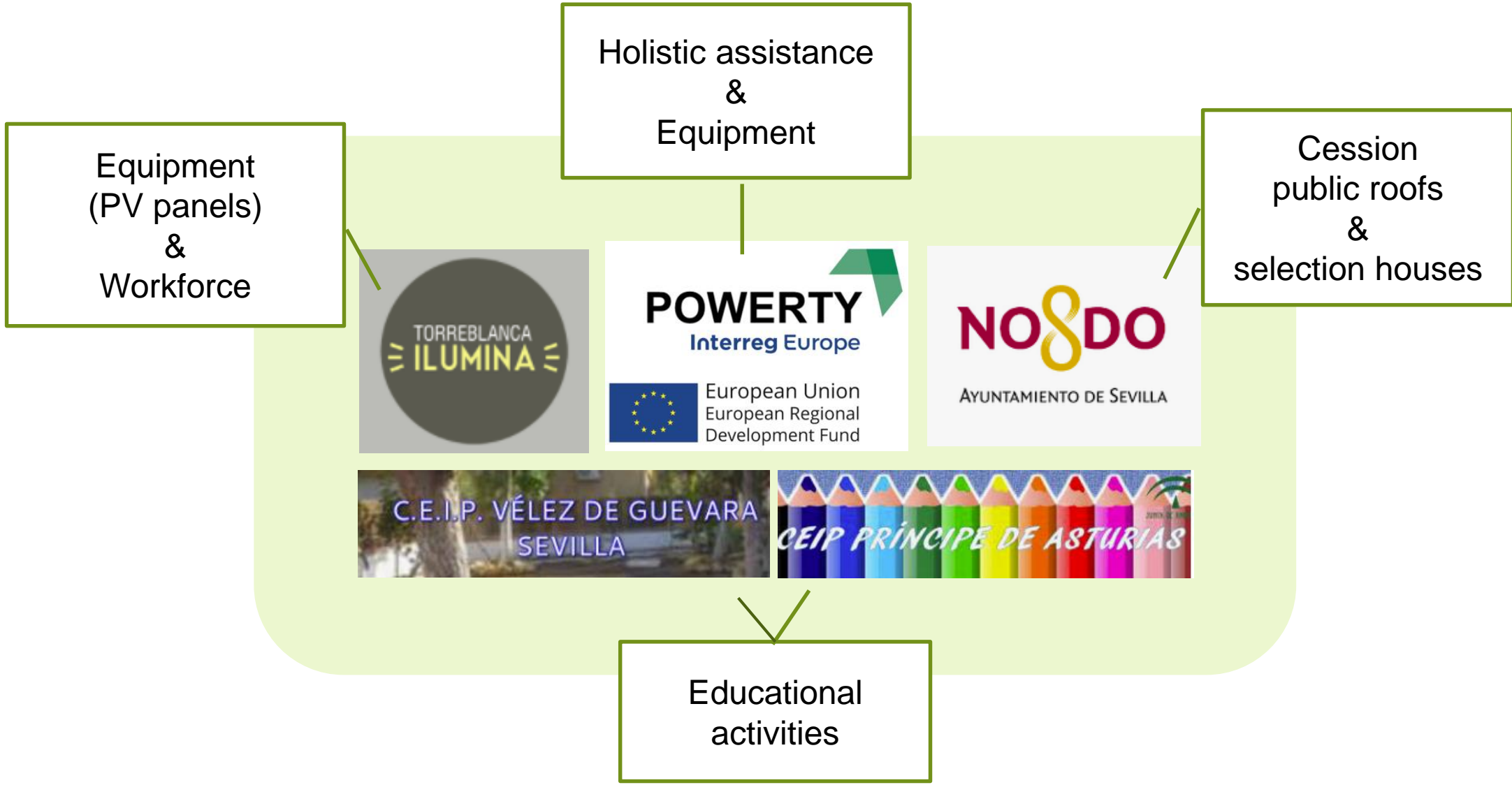


# WHAT – Renewable energies



Set up a **collective PV installations** on the roof of **2 public schools** to generate energy that will be shared with at least **10 vulnerable families** of Torreblanca supported by a **legal and technical assistance** and accompanied by a **social integration process** and a **pilot energy community office**.

# WHO – Key agents



# HOW – Energy Community



2019



## IDEA & FINANCIAL

- Drive group: Local Group of Som Energia -POWERITY stakeholder
- National Prize Germinador Social + **Equipment** (PV panels donation)



2020 & 2021



## LEGAL & EDUCATIONAL

- Creation of Association "Torreblanca Ilumina"
- School roads, 50/50 methodology, energy saving, energy communities



2022



## POWERITY PILOT ACTION

- Holistic assistance:
- **Equipment**
- Dissemination (video)
- Methodology to replicate

LEGAL

SOCIAL

TECHNICAL





# HOW – Energy Community

**LEGAL**



**SOCIAL**



**TECHNICAL**



# HOW – Energy Community



## CHALLENGES

- ❑ There is **no other experience** in Spain
- ❑ EC in a **very vulnerable** context (no references)
- ❑ Make the vulnerable the **protagonist** of the energy system
- ❑ **Public-private collaboration**: 2 Public Administrations and 1 Association
- ❑ Administrative **process of legalization** of collective self-consumption (new)
- ❑ **Deadline** for the pilot reduced
- ❑ Area with **great concerns**: eating, dressing... (priorities)
- ❑ Bring energy to **low educational levels**
- ❑ **Labor insertion**

## LESSONS LEARNT

- ✓ Exchange of **GPs** for the **cession of roofs**
- ✓ **Synergies** with other movements
- ✓ "**Ambassadors**" to explain EC
- ✓ **Agreement** between AEA & Torreblanca Ilumina
- ✓ Social processes take a lot of **time**
- ✓ Social Services make the contact easy
- ✓ **Funding** is a barrier to continue EC
- ✓ Old electrical system, additional **investment** not foreseen
- ✓ **Educational** complement make easy the accept of the pilot
- ✓ Complex coordination of the number of agents involved





# WHAT FOR – **Results expected**

- 1 Methodology about the full process
- 1 Video about the full process
- 1 Publication in the EPAH Atlas
- 1 Good practice in the Interreg Europe PLP
- Dissemination at international, national, regional and local level



**This pilot action contributes to the vulnerable citizen being the protagonist of the energy transition**



# WHAT FOR – Policy instruments



**ENERGY  
STRATEGY  
OF  
ANDALUSIAN  
2030**

**ANDALUSIAN  
ENERGY  
AGENCY**

**COUNTY  
HALL  
SEVILLE**

**CESSION  
OF ROOFS  
FOR  
ENERGY  
COMMUNITIES**

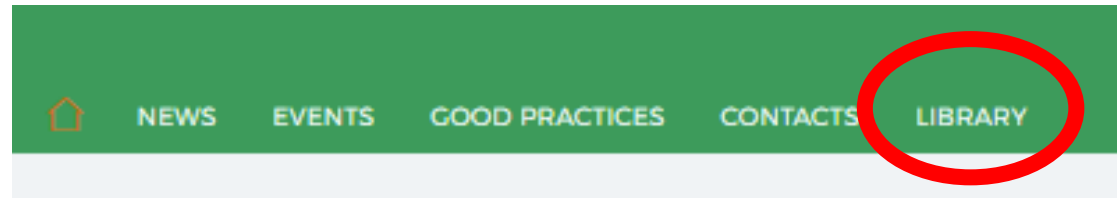





# More information ...


[www.interregeurope.eu/powerity/](http://www.interregeurope.eu/powerity/)

Integrated in Interreg Europe website







**PILOT ACTIONS**  
11/08/2021  
3 Pilot actions to testing a new approach in POWERITY project.



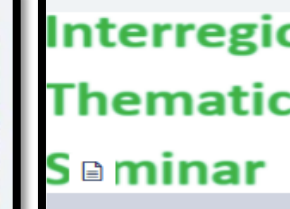
**STATE OF THE ART AND SWOT...**  
20/05/2020  
State of the art and SWOT analysis to identify the needs of the region.




**GUIDE OF GOOD PRACTICES**  
28/05/2020  
Good practices identified after doing the state of art and SWOT analysis.



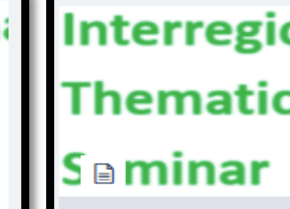
**DISSEMINATION MATERIAL**  
24/03/2020  
POWERITY dissemination material in English: Brochure, poster...



**Interregion Thematic Seminar**  
FIRSTS INTERREGIONAL SEMINAR:....  
25/11/2020  
Here you can download information about the presentations play in First Seminar



**Interregion Thematic Seminar**  
SECOND INTERREGIONAL SEMINAR:....  
30/03/2021  
Here you can download information about the Second Seminar.



**Interregion Thematic Seminar**  
THIRD INTERREGIONAL SEMINAR:....  
13/05/2021  
Here you can download information about the Third Seminar.





# Torreblanca Ilumina in a nutshell

We expect this experience **INSPIRES** you and puts **LIGHT** (solar) to replicate this pilot



# Thank you!

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[www.interregeurope.eu/powerity/](http://www.interregeurope.eu/powerity/)



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