



BUILD2LC
Interreg Europe



European Union
European Regional
Development Fund

Good Practice

SUSTAINABLE CONSTRUCTION PROGRAMME IN ANDALUSIA (PICSA)

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Low-Carbon Economy Policy Learning Platform

About the BUILD2LC project

Increase the **energy rehabilitation of buildings** to reduce energy consumption and enhance policies to favour the **creation of a market of specialised companies** in this sector.

7 partners will work together exchanging **70 good practices** until **2021** to improve their policy instruments in multidisciplinary approach, based on:

Designing new, more flexible, transparent and innovative financial instruments

Improving the competitiveness of the construction sector

Promoting innovation solutions and the cooperation between companies

Facilitating that citizens undertake energy rehabilitation activities

Good Practice in Andalusia

Why a Sustainable Construction Program in Andalusia?

- ✓ Urgent need to boost the construction sector
- ✓ Potential energy saving in building stock in Andalusia

How was implemented?

1. Incentives scheme accessible through companies liaising with the AEA in the management of incentives.
2. Revolving Fund for the collaborating partner companies through the JEREMIE Initiative.
3. Sustainable Construction Round Table, through a participative process, for the elaboration of a Plan for the Sustainable Construction of Andalusia, and including more than 90 action



Good Practice in Andalusia

And the results....

- ✓ More than **36,000 actions** implemented
- ✓ Nearly **36,000 toe/year** of energy saved
- ✓ Economic saving of more than **280 M€** in energy bills
- ✓ **8,300 collaborating companies**: 22% of these formed working relationships with other companies participating in PICSA and 43% also realise actions not included in PICSA
- ✓ **242 M€** investment
- ✓ **17,000 direct jobs**
- ✓ **23% of incentives** have been for over **7,000 low-income families**



Advantages & Disadvantages



ADVANTAGES:

- ✓ Decentralized management through collaborating companies
- ✓ Close catalogue of energy improvement measures
- ✓ Simplified 100% computerised procedure
- ✓ Contribution to raising awareness

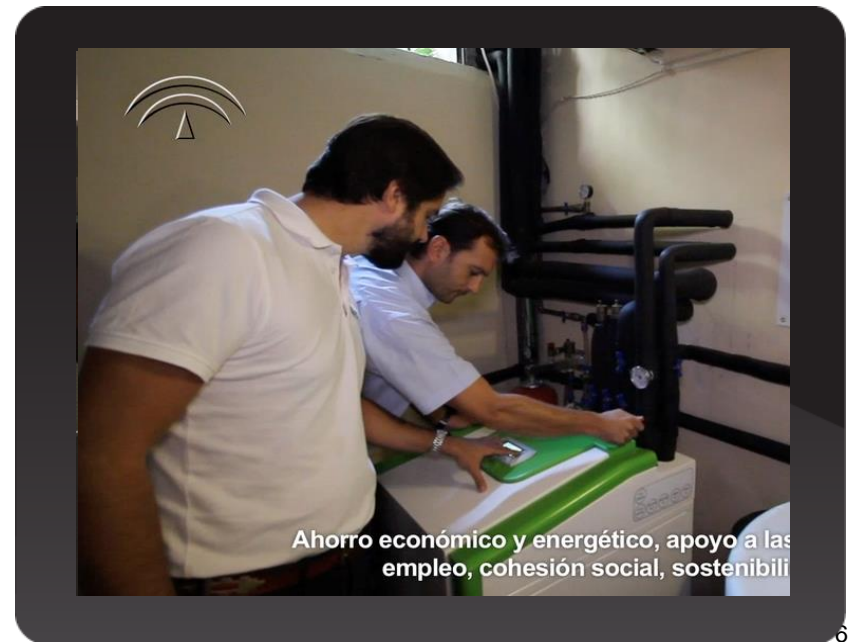
DISADVANTAGES (needs):

- × Improve training of collaborating companies
- × Conduct a pre and post analysis of energy impact
- × Facilitate complementary financing tools
- × Better training and information on the elements of programme

Who is this GP useful for?

Any Region that want to implement innovative measures in the management and processing of incentives with the participation of collaborating companies, which facilitates the administrative procedures for final users. Most of them were SMEs, which contributes to generating economic activity.

Delegations from countries as Greece, Italy, Germany or Bosnia and Herzegovina have held meetings with the AEA to learn more about PICSA.



Find out more...

✓ Videos related to PICSA:

Video 1:

<http://youtu.be/Ng9qlf8cqGQ>

Video 2:

http://ec.europa.eu/regional_policy/videos/movie/regiostars2015/picsa_short_en.mp4

✓ Development Plan for the Sustainable Construction and Rehabilitation of Andalusia, Horizon 2020 (Spanish):

https://www.agenciaandaluzadelaenergia.es/sites/default/files/Documentos/plan_integral_fomento_construccionrehabilitacion_sostenible_horizonte202.pdf

✓ Information on results of the PICSA: (Spanish):

<https://www.agenciaandaluzadelaenergia.es/guiainteractivaPICS/DATOS/secciones.php>

✓ Links PICSA to REGIOSTAR 2015 Awards:

http://ec.europa.eu/regional_policy/en/projects/spain/making-andalusias-construction-sector-more-sustainable

✓ Andalusian Energy Agency

<https://www.agenciaandaluzadelaenergia.es/>

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<https://www.interregeurope.eu/build2lc>



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Good Practice

SCHOOL CARBON REDUCTION

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17 October, 2017 | Seville (Spain)

Low-Carbon Economy Policy Learning Platform

About the REBUS project

REBUS – Renovation for Energy efficient BUildingsS

- 8 partners in Europe (7 addressing a policy instrument and 1 Advisory)
- in order to **improve the capacity of public authorities** in European regions
- to **undertake efficient renovation works** of their public building stock, thus saving energy and public resources.

1 Energy Renovation Path

12 Good Practices

7 Action Plans

The 4 topics addressed

REBUS – the 4 topics

Topics	Issues to be addressed
PLANNING	Identification of building for renovation (prioritisation, data collection): <i>→ Lack of reliable information, skills and effective decision-making structures hinders the process of prioritising buildings to be renovated.</i>
IMPLEMENTING	Tendering & Financing: procurement rules, funding schemes available (including ESCO contracts/investments/grants): <i>→ Affecting public tender process and subsequent works</i>
MONITORING	Tools available on the market, means of verification: <i>→ Leading to difficulties in selecting/using tools that can monitor impact and consumption</i>
HORIZONTAL THEME: CAPACITY BUILDING	Capacity building schemes for civil servants: <i>→ Raise awareness and build skills on energy related issues among civil servants involved in the management of the building stock (i.e. those working in spatial planning and legal departments)</i>

Good Practice in Durham, UK

The **SCHOOL CARBON REDUCTION PROGRAMME** is coordinated by Durham County Council. It **enables schools** to:

- ✓ **access their utility data** through the online portal 'Systemslink'
- ✓ **receive billing & technical support** from the centrally based corporate Low Carbon team
- ✓ **receive in-school support** from a team of education specialists
- ✓ **organise educational sessions** with pupils, teaching staff, caretakers and business managers

- ❖ **60 schools** involved in 2010
- ❖ **241 schools** in 2016/17 academic year
- ❖ **13,000 t CO2** saved
- ❖ **€3.05 million** saved based upon business as usual predictions



Evidence of success

Beyond the quantitative results achieved and showed,

- 1) Corporately, the programme has presented an **additional income stream** which enables the continued investment into wider low carbon reduction projects.
- 2) Educationally, the programme has **added value to the children's shadow** and direct curriculum in school, and has led to further engagement opportunities with their parents and wider communities.

This GP has demonstrated the wider context of sustainability, beyond the typical narrative of energy, carbon and the financial incentive.



Transferability

“For all of the schools that buy into their Energy Service Level Agreement. It provides an unprecedented coordinated strategic approach to **improving energy use and energy efficiency in primary and secondary schools**”

Fore more information.

More information about the Programme are available at:

➤ Durham County Council:

<http://www.durham.gov.uk/article/3010/Sustainability-education-support-for-schools>

➤ Eco Schools:

<http://www.eco-schools.org.uk/>

REBUS Website:

www.interregeurope.eu/rebus/



REBUS

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Thank you!





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VIOLET

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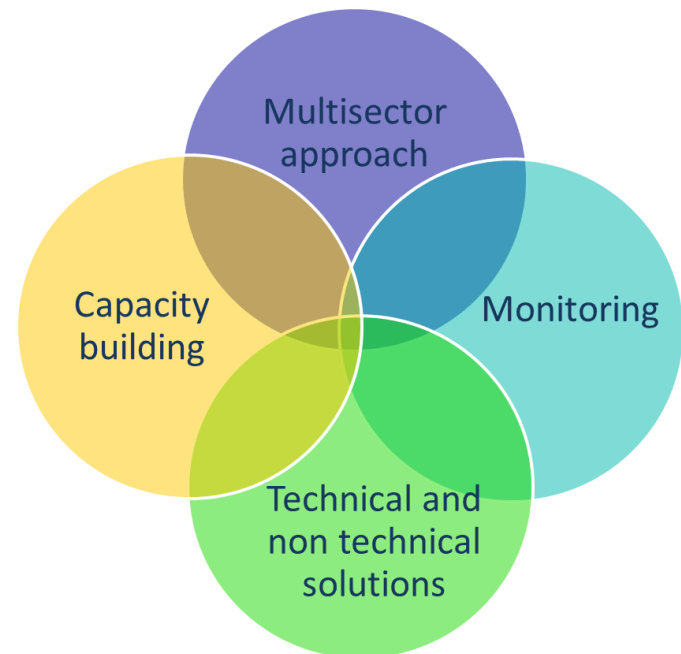
VIOLET - preserve traditional buildings through Energy reduction



OBJECTIVE

To improve ERDF and local policy instruments on energy efficiency in **traditional and historical buildings** thanks to actions related to:

- **6 partners**, including 1 Advisory partner, led by SE RDA (RO)
- **5 Communities of Practices (CoP)** grouping regional stakeholders following a multisector approach and engaged in all phases of project implementation
- more than **120 external stakeholders** actively involved so far



Background: Andalusia

Historical and Cultural Heritage in Andalusia has a **territorial approach** and emphasises the coordination with **Urban Law**.

Competences in the field of rehabilitation policies to consolidated city as well as equipment, social housing and public spaces were transferred to Andalusia and assigned to the Regional Government of Housing and Refurbishment in 1986.

The Regional Government of Housing and Refurbishment boosts and implements **regional policies based on sustainability and energy efficiency criteria**.

The **Regional Programme of Public Spaces (PREP)**, created in 1998, has been financed by ERDF with the objective of improving environmental quality in Andalusia's cities.

76 projects have been executed. The most important projects were carried out in historical centres and Cultural Interest Goods (CIB - BIC in Spanish).

Examples



**Intervention in
Historical
Centres:
Écija - El salón**



**Intervention “BIC”
Conil. La Chanca y espacios públicos anexos**



GP: La ciudad amable

2010 – weaknesses of the PREP scheme are identified (e.g. coordination problems among the administrations, lack of citizens' participation, project modifications, etc...)

2013 – launch of a PILOT ACTION to address those problems



Objectives:

- To design new forms of interventions in the city
- To train civil servants and stakeholders involved in the process
- To select the projects to be funded
- To foster the development of integrated and multisector interventions.



linked to the VIOLET **multisector approach** and **capacity building**

Why is it useful?

In the first phase of the programme, they looked at good examples and practices to develop new policy instruments in that direction

All interventions are at city-level. Among them, actions undertaken in Historical Centres stand out

Multidisciplinary approach

- **Training and Capacity Building:** free open days organised for organisations that joined the initiative. Technicians, city council managers, teachers and professors, environment trainers
- **Awareness and communication:** web platforms Web, guidelines, good practice catalogue and exhibitions

WHO IS THIS USEFUL FOR?

Public administrations whose activities cover various levels of governance (local-regional-national)

Public administration who work with heritage buildings

Organisations that need to start co-creation projects with their citizens and stakeholders

Organisations that want to increase awareness

Implementation phase

Selection criteria

- Urban and environmental quality
- Energy Efficiency
- Participation and social integration
- Innovation and creativity
- Transferability of the model to other experiences

Results

- 382 City councils involved
- 204 Proposals submitted
- 52 Proposals approved

Funding: ERDF + OWN RESOURCES

- ERDF Investment 2007-2013: 645.597,34 €
Own resources: 302.525,76 €
- ERDF Investment 2014-2020: 29.500.000 € planned (co-funded 80%)

More information

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www.juntadeandalucia.es/fomentoyvivienda/portal-web/web/areas/arquitectura/la_ciudad_amable

www.interregeurope.eu/violet/

Thank you!

