

Interreg
*M*editerranean



Del. 4.3.1 Training material for GRASPINNO Living Labs

Module 2

**A PROPER USE OF ELECTRONIC GREEN PUBLIC
PROCUREMENT FOR THE ENERGY EFFICIENCY OF
PUBLIC BUILDINGS**

Module 2

An innovative way to use eGPP in the EE of the Public Buildings

1. GRASPINNO Project

GRASPINNO - Transnational model, strategies and decision support for innovative clusters and business networks towards green growth, focusing on green e-procurement in EE/RES for energy refurbishment of public buildings

Priority Axis 1: Promoting Mediterranean innovation capacities to develop smart and sustainable growth

Programme Specific Objective 1.1: To increase transnational activity of innovative clusters and networks of key sectors of the MED area

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1. GRASPINNO Project

Programme: MED

Acronym: GRASPINNO

Budget: 3,204,787.00 €

Countries participating: Greece, Italy, Slovenia, France, Cyprus, Spain and Bosnia & Herzegovina

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1. GRASPINNO Project

TARGET GROUPS

- ✓ SMEs in involved MED territories
- ✓ Business support organisations
- ✓ Academia and technological institutions
- ✓ Local PAs
- ✓ Regional PAs
- ✓ National PAs
- ✓ Local policy makers
- ✓ General public

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1. GRASPINNO Project

PROJECT RESULTS (1/2)

1. Public procurement tool to be used by innovative
 - PAs
 - clusters/networksfor implementing green specs/criteria in tenders with green products/services

2. Transnational network for Public/Private Partnerships of eco-innovators including
 - mentoring and business angel support for SMEs
 - transnational knowledge base

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1. GRASPINNO Project

PROJECT RESULTS (2/2)

3. Decision-support tool (LCC) to be used by PAs for evaluating green products/services

4. Integrated transnational innovative solutions with practical recommendations to EU decision makers.

Replicability, transferability and leverage effect allow provision of smart/low-cost/sustainable solutions to PAs and SMEs in the whole MED region.

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2. LCC

Life Cycle Cost (LCC) enables users to understand how to correctly interpret the results of a green tender under an economic and sustainable point of view.

See more at www.graspinno.com

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2. LCC

If contracting authorities wish to ascertain which products are most cost effective they need to apply LCC approaches in their procurement decisions.

A complete LCC would include:

- ✓ Price
- ✓ Usage costs (in our specific case energy consumption or fuel)
- ✓ Maintenance costs
- ✓ GHG emissions
- ✓ Disposal costs (or recycle and reuse)

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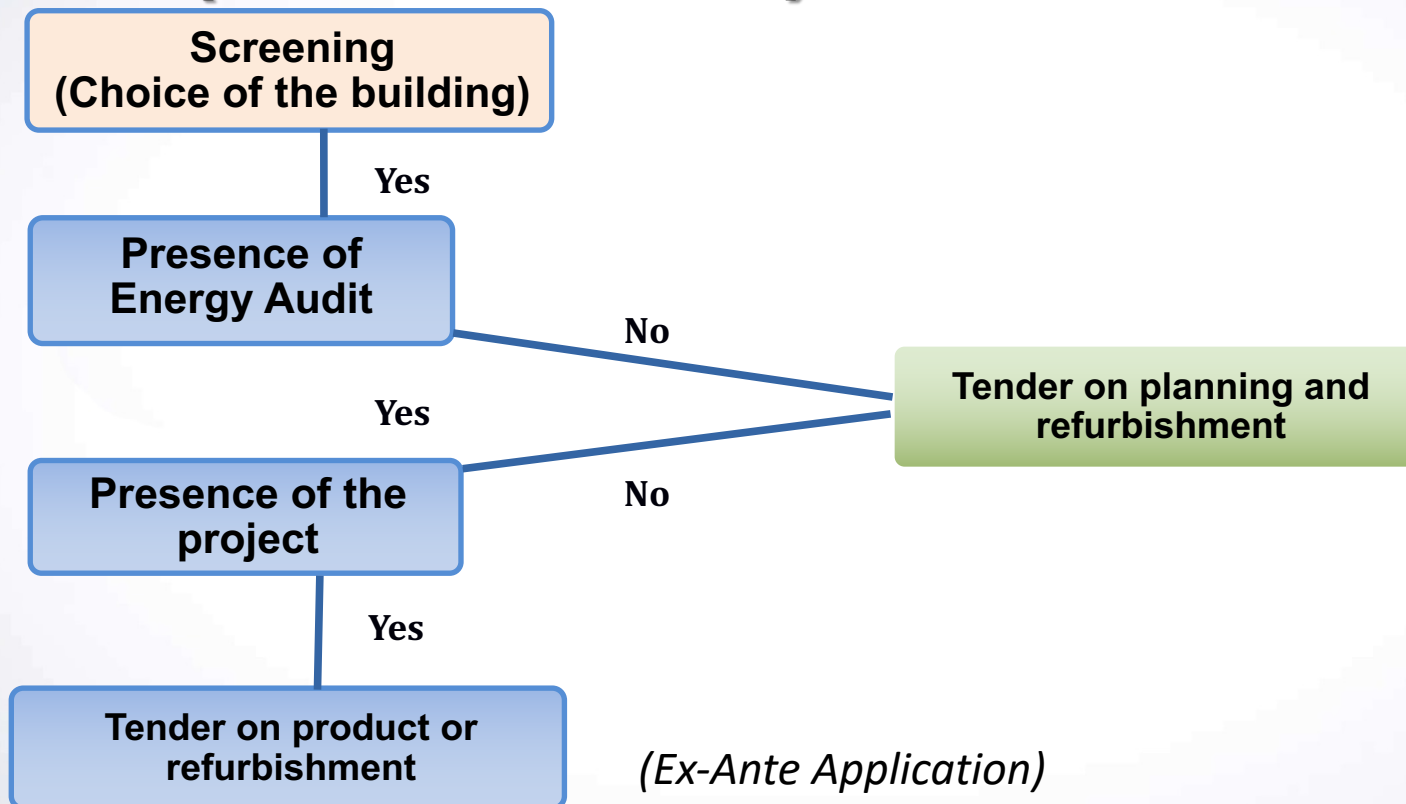
2. LCC (Ex Ante Evaluation)

Using the LCC tool, the users can easily see the absolute value of the LCC of the green product.

Moreover, users can evaluate the difference between the cost of keeping an existing product versus substituting it with a new product.

Finally, users can evaluate the LCC of two similar products with comparable performance.

2. LCC (Ex Ante Evaluation)



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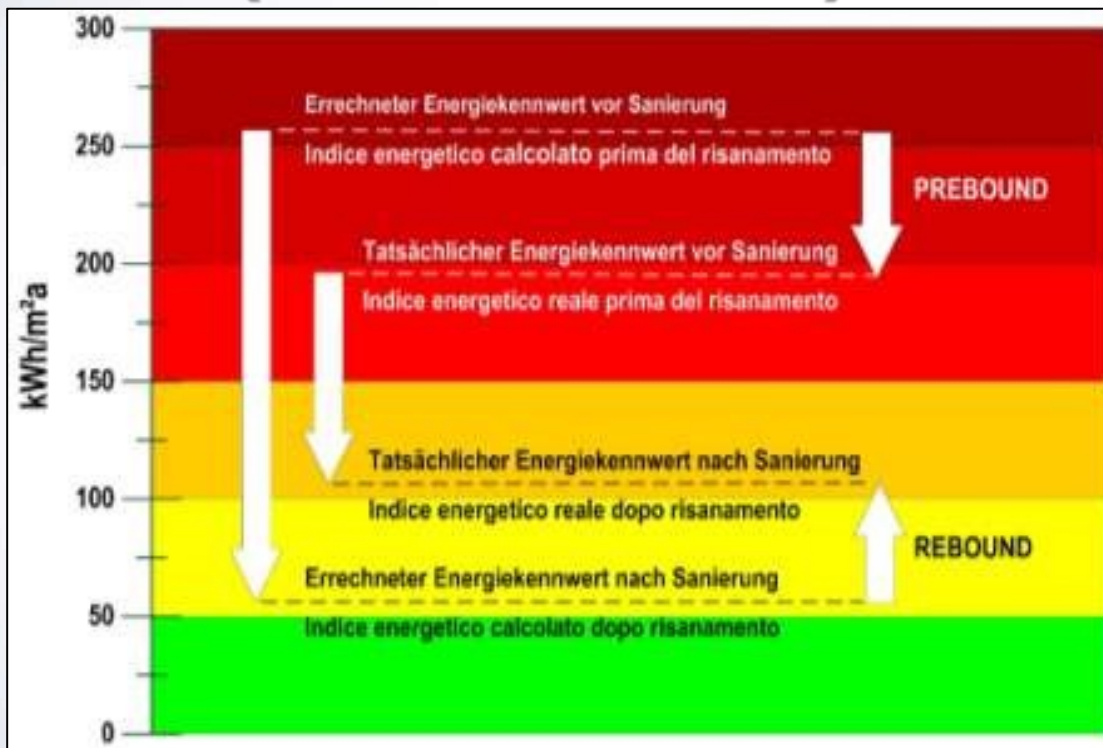
3. LCC (Ex Post Evaluation)

In this case the ex post LCC tool gives a correct evaluation of the tender in economic and environmental terms but the assessment is done when the tender is already published and eventual corrections to it are not possible anymore.

With an ex post evaluation just the users' experience can help to formulate the tender with a correct setting. Verification will be useful in perspective.

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3. LCC (Ex Post Evaluation)



*Prebound and rebound.
 Study carried out by
 CasaClima / KlimaHaus
 Agency.*

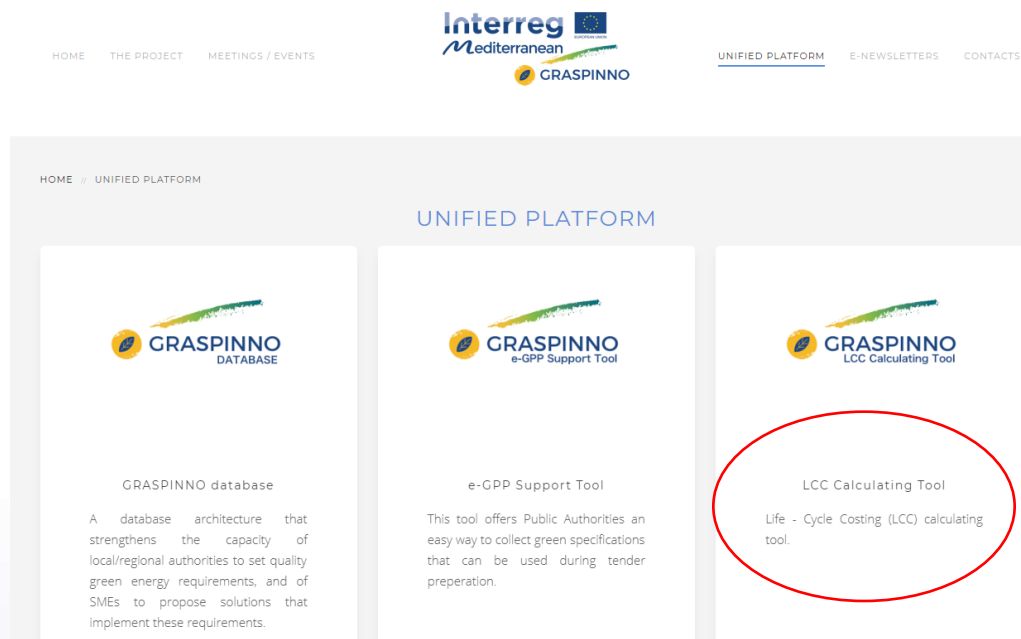
*The image shows the
 real energy ratio before
 of the intervention
 (prebound) and after
 the intervention
 (rebound).*

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4. Demonstration on GRASPINNO website

<http://www.graspinno.eu/index.php/unified-platform>



Thank you for your attention

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