

LIFE CYCLE INSTRUMENTS FOR REGIONAL POLICIES

EXPERIENCES FROM
LCA4REGIONS PROJECT



LCA4Regions
Interreg Europe





LIFE CYCLE APPROACH

Main ways life cycle approach may be useful in supporting policy in different manners:

1. Identification of emerging issues;
 2. Definition of policy options;
 3. Comparison of options;
 4. Lower hierarchical level implementation / Compliance checks,
 5. Effectiveness of the policy evaluation of the need to revise (or phase out) the policy.
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REGIONAL REGULATION

Regulation is the first step of law implementation, which usually goes further into some specific branches or topics of the law. When using life cycle approach for specific branches of policy implementation, it may be detailed in the regulation, defining the branches and the conditions for the use of life cycle approach.

Life cycle approach can also be useful to define in detail the policy options, related to the topic addressed, giving further hints for the policy implementation.

Introduction of eligibility requirements for projects implemented by or with the Regional authority, e.g. minimum life cycle performance for public-procured products or services, or for companies willing to become suppliers of the regional authority.



KEY SECTORS

LCA4Regions project identified five main pillars to boost the use of life cycle in policies, especially in regional policies:

- Resource efficiency;
- Waste management and material flows;
- Green public procurement;
- Training and capacity building;
- Monitoring and evaluating policies.





KEY SECTORS

Life cycle approach may become a support to policymaking aiming at achieving higher levels of circularity, resource efficiency and climate neutrality; meanwhile, in order to allow life cycle approach to maximise its benefits to the environment, it is important to use it in GPP policies and to increase the capabilities to use these tools among policy officers, practitioners and businesses.

Life cycle can allow a more aware, clear and unbiased policymaking, when it is used for monitoring and evaluating policies.

GOOD PRACTICES

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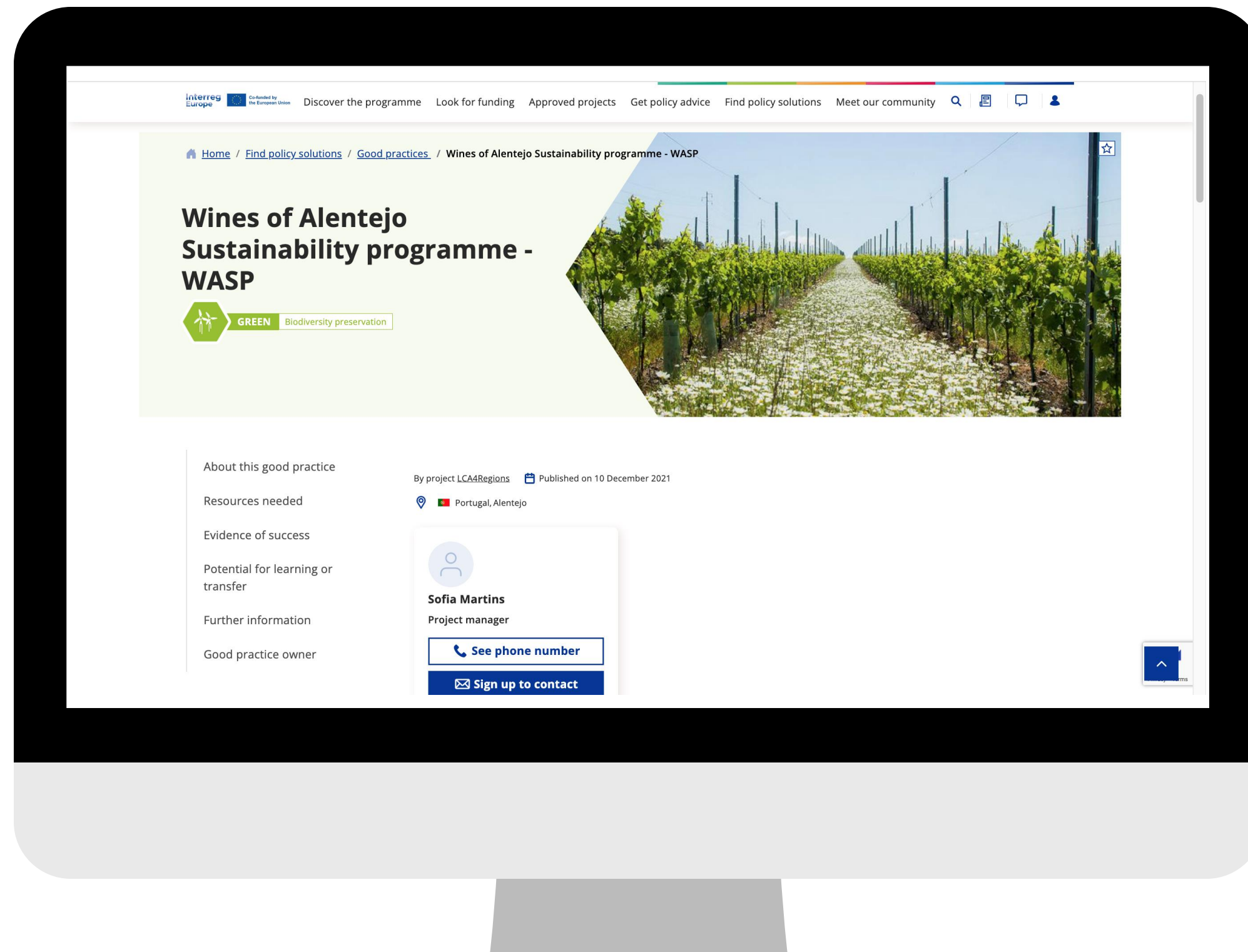
Good practices
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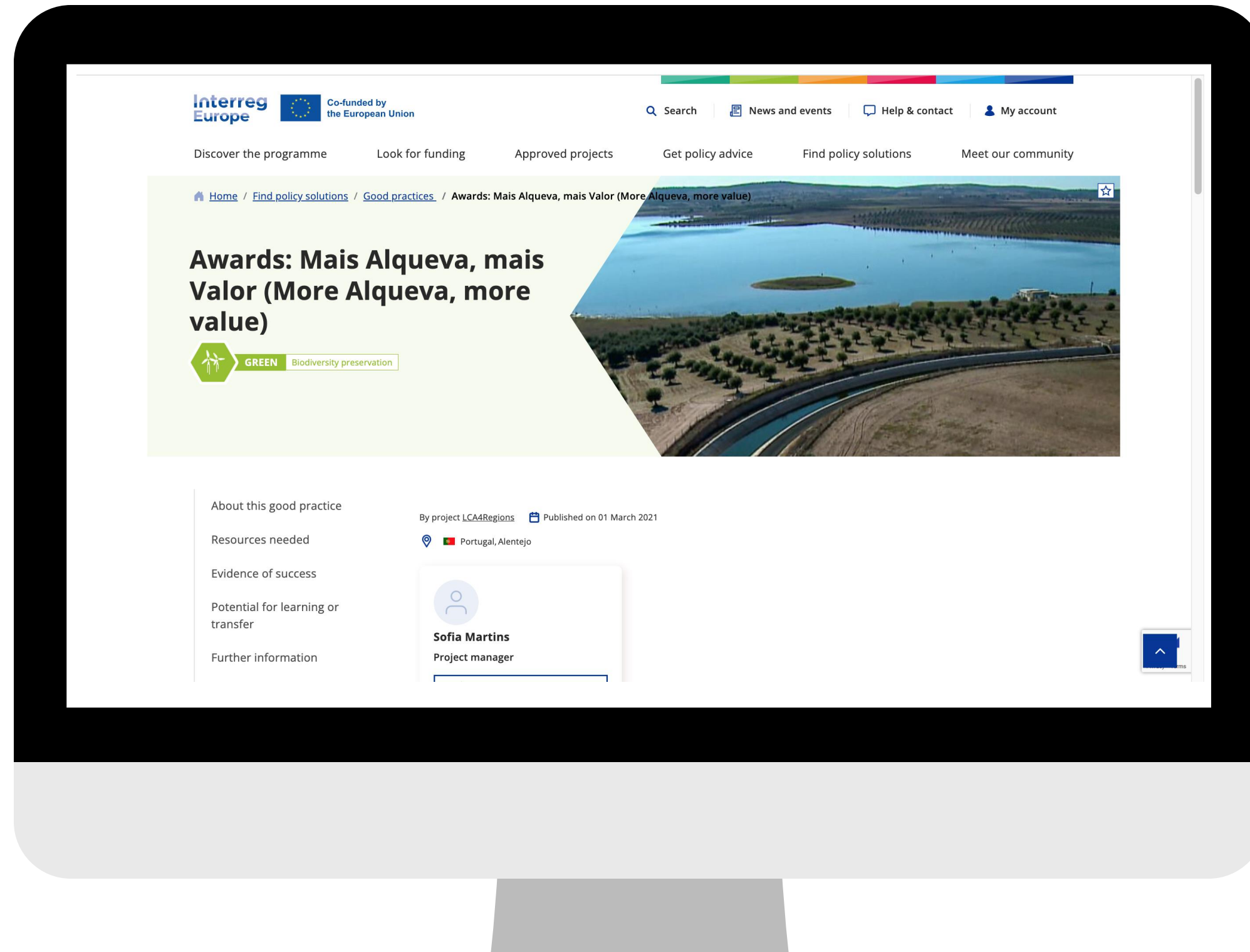
GOOD PRACTICES

The certification methodology can be applied to other regions since the chapters and criteria can be easily adapted.



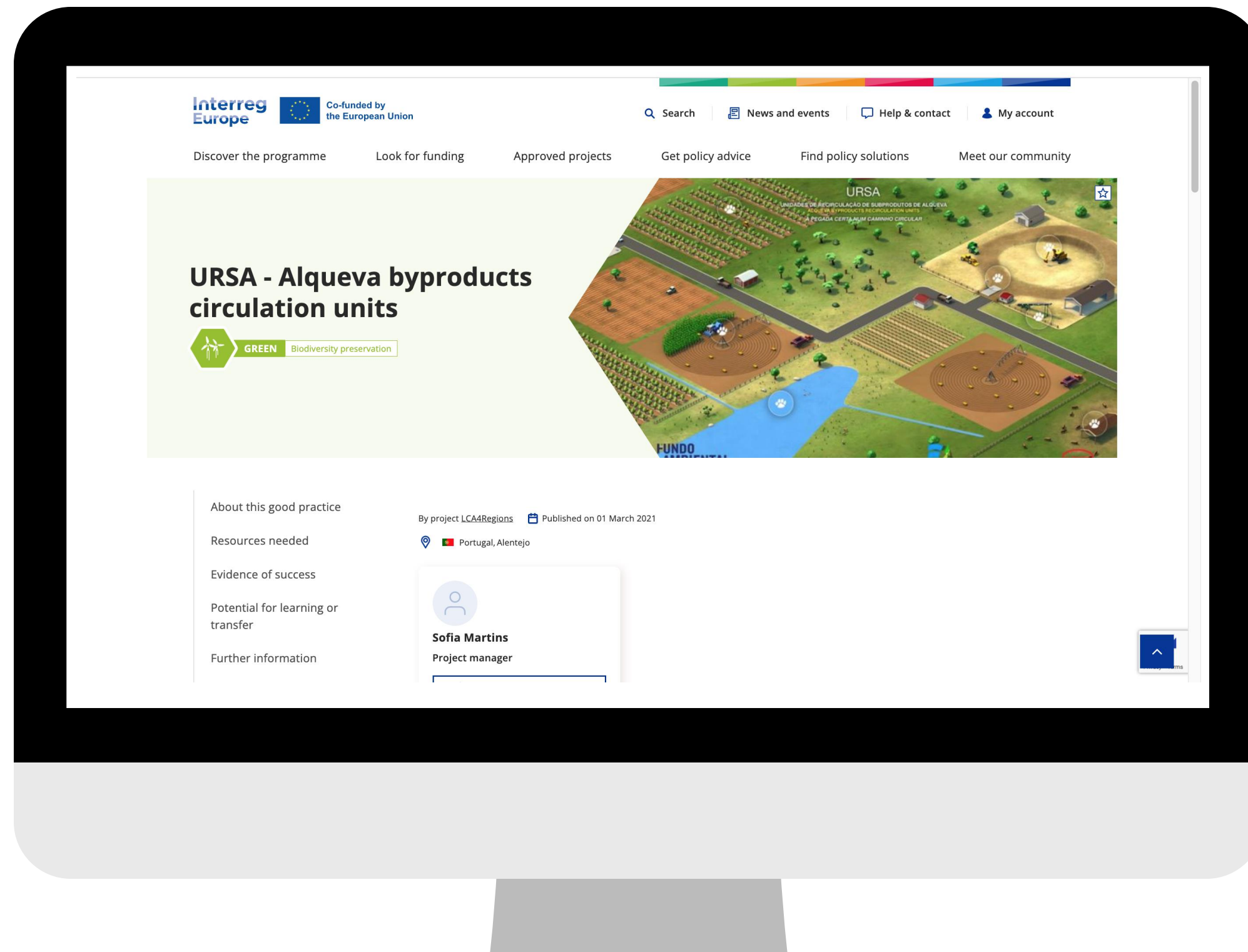
GOOD PRACTICES

Can encourage the Integration of the advantages of using Life Cycle Assessment as a specific criteria into the awards.



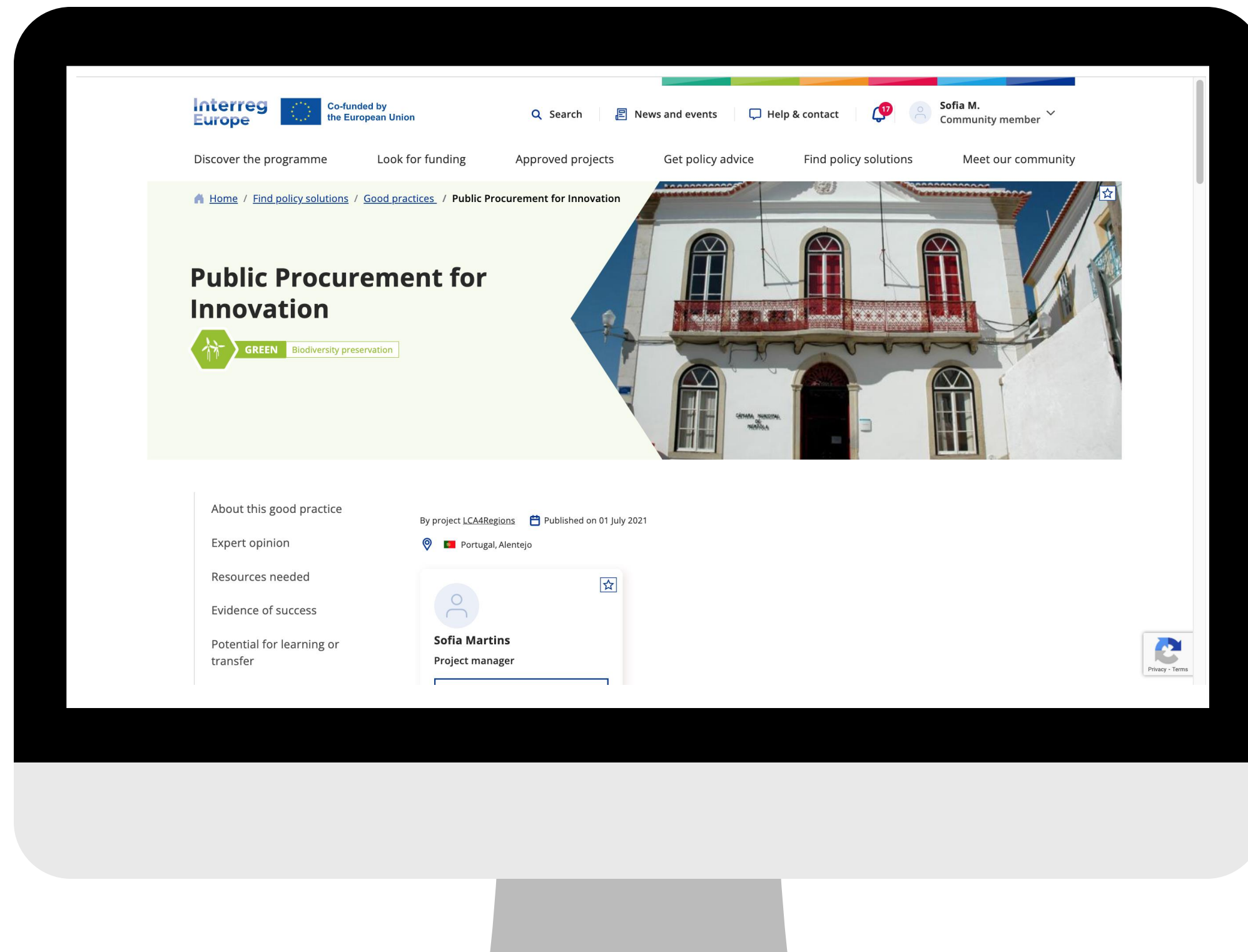
GOOD PRACTICES

This project could benefit from a life cycle analysis but presents a structure based on an efficient use of resources, namely in the protection of soil and water, and the valorisation of waste / by-products, contributing to accelerate the transition to the circular economy.



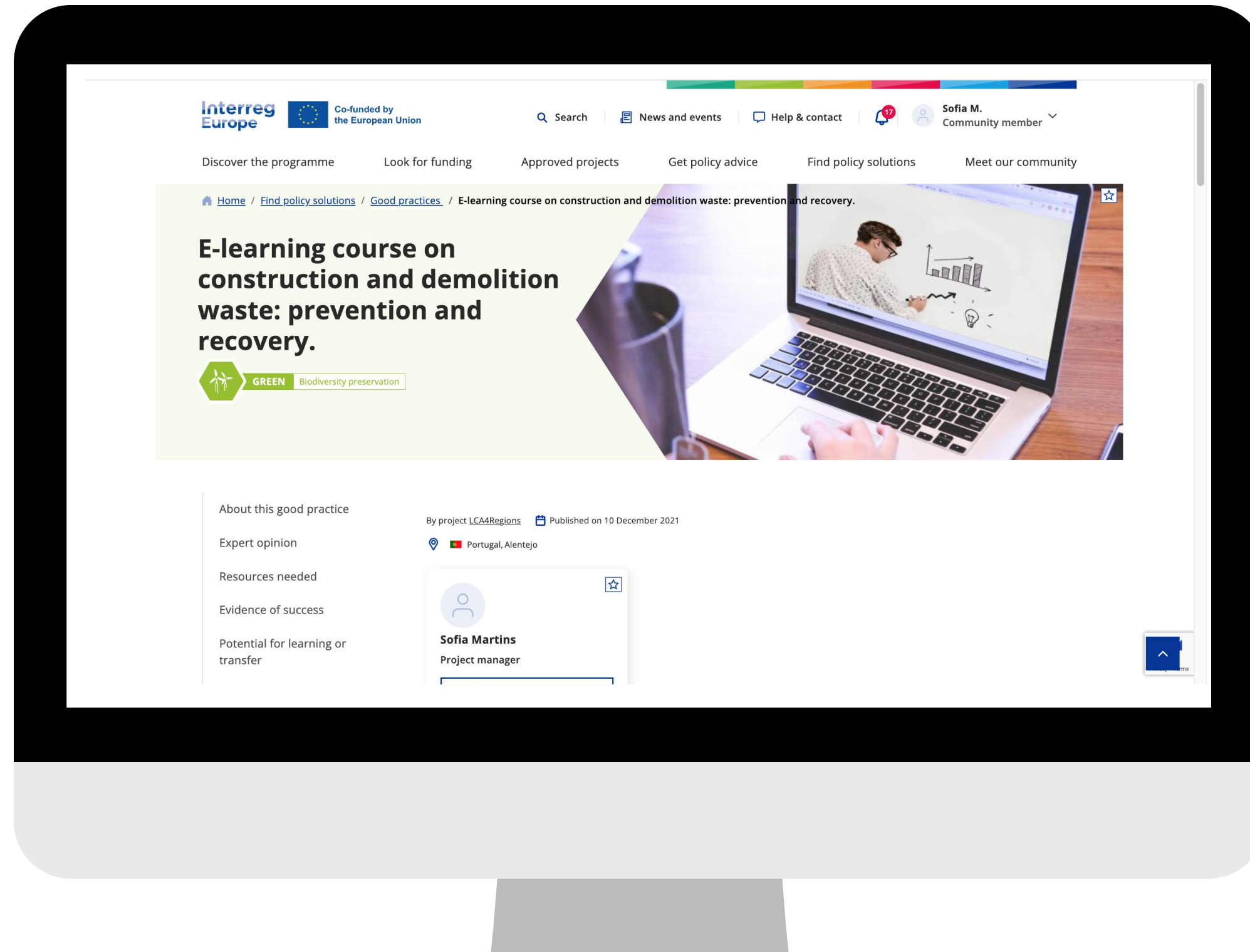
GOOD PRACTICES

Can encourage the integration of life cycle analysis as an award criteria in public procurement procedures. It is possible, through the support of public policies the integration of Life Cycle Assessment as a procurement award criterion.



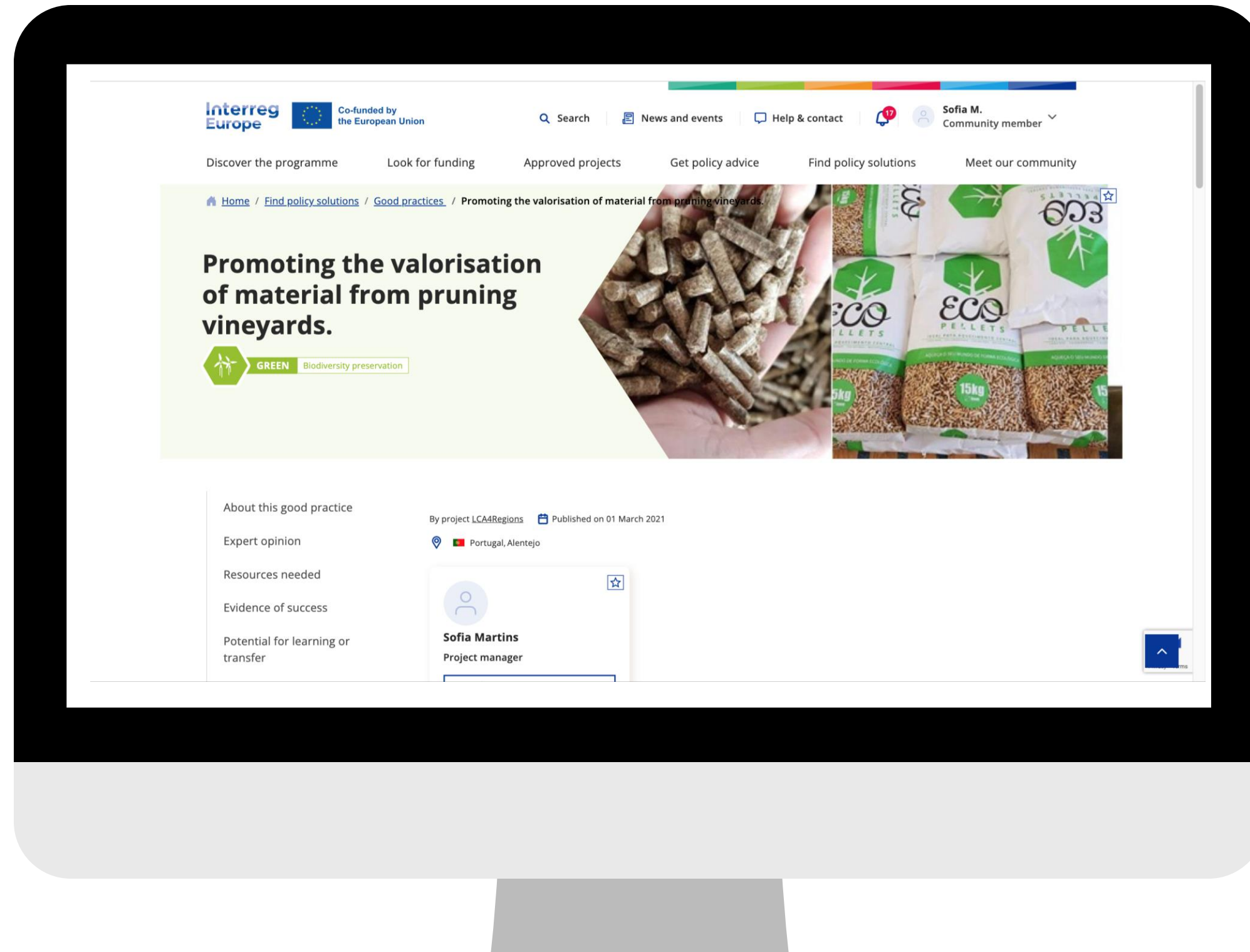
GOOD PRACTICES

This good practice is an opportunity to include other features regarding LCA since the course can better achieve its objective using more life cycle issues in what regards CDW.



GOOD PRACTICES

This project, being a pioneer, can be a reference and starting point for an innovation-based, high value-added, Foreign Market-oriented sector of the economy that solves an environmental and economic problem for winegrowers and olive growers.





POLICY INSTRUMENT

Regional Development Fund: Regional Operating Programme 2020 - Alentejo 2020

'Alentejo 2020' was Alentejo Regional Operational Programme for the period 2014-2020.

With an overall budget of 1,082.9 million euros, of which 863.2 million euros are ERDF and 219.7 million euros are ESF, the Programme has four articulated agendas and ten strategic pillars.



POLICY INSTRUMENT

Where LCA can be used: some hints for the actual programming period:

The Regional Operational Programme was divided into pillars that could have benefited from the inclusion of LCA:

- Pillar 1. Competitiveness and Internationalisation of SMEs;
- Pillar 3. Research, Technological Development and Innovation;
- Pillar 4. Urban Sustainable Development;
- Pillar 8. Environment and Sustainability.

THANK YOU!

