

A biorefinery as a driver for development in rural Extremadura (Spain)

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The initiative: SUSTAINEXT

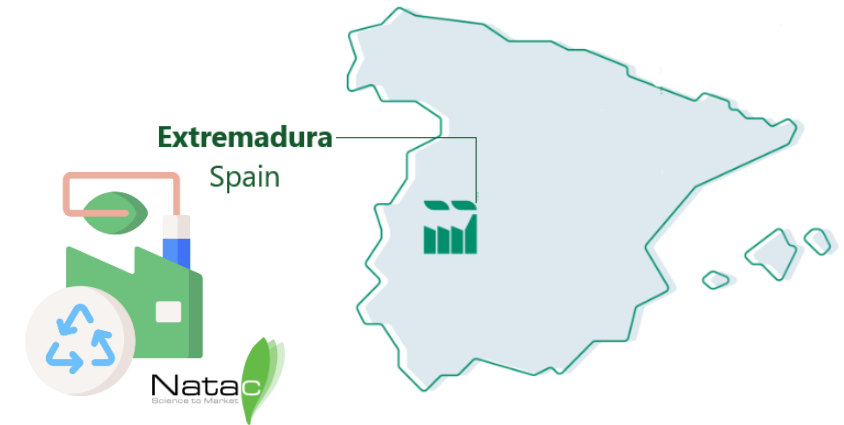
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First-of-its-kind **flagship biorefinery** in **Extremadura**

SUSTAINEXT will industrially deploy a smart, dynamic and multi-product biorefinery, validating and demonstrating an innovative business model developed by NATAC that will transform the plant-based ingredient sector.

- 🌿 **Maximize** the value of processed bio-based feedstocks with an optimal **cascading** use
- 🌿 Aiming to achieve “**zero waste**” and “**zero pollution**” operations
- 🌿 Model **replicable** by the whole European bio-based industry
- 🌿 **Adaptable** to each type and quantity of the feedstock
- 🌿 Able to switch to **renewable energy** sources



Improved environmental performing biorefinery, with maximum resource and energy efficiency

Impacts

- Enhanced **sustainability** and **circularity** performance of bio-based systems
- Revitalized communities of the bioeconomy by creating **new green Jobs** and investments
- Public **awareness** and **acceptance** of bio-based solutions
- Support **market uptake** growth and acceptance of scalable bio-based solutions



Impact in Extremadura

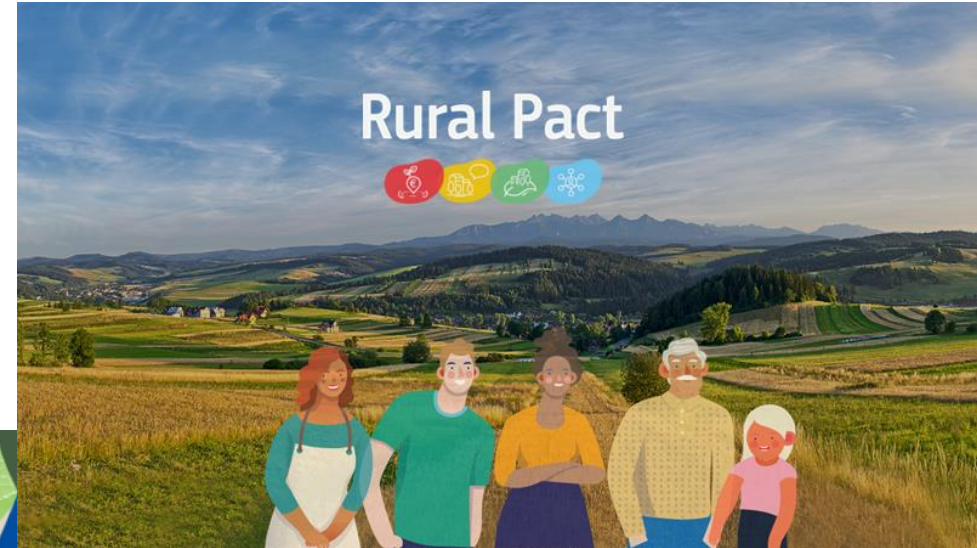
- ✓ New **business opportunities** for the primary sector
- ✓ **Investment** attraction
- ✓ New **value chains** unlocking
- ✓ Reduction of **rural depopulation**, promoting **innovation** and **international projection** of the industry in the area



Extremadura is an EU Convergence region (Objective 1)





Contribution to EU policy

SUSTAINEXT will showcase a new model for the EU bio-based industry based on a circular sustainable strategy, positioning Extremadura at the forefront of the new Green Deal



SUSTAINEXT will contribute to the rural vision: amplifying the voice of Extremadura as a rural region, generating new business opportunities and socioeconomic development

Policy recommendations

-  Promote R&D+i
-  Facilitate Access to Financing
-  Promote Public-Private Collaborations
-  Develop Local Infrastructure and Capacities



THANK YOU

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