

ANDALUSIA

**SKILLS, CAPABILITIES, POSSIBLE OPPORTUNITIES
AND BARRIERS.**

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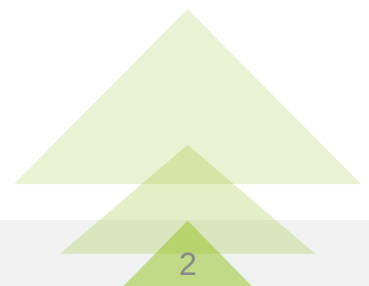
Technological Corporation of Andalusia

Cross-regional assessment workshop

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INTRODUCTION

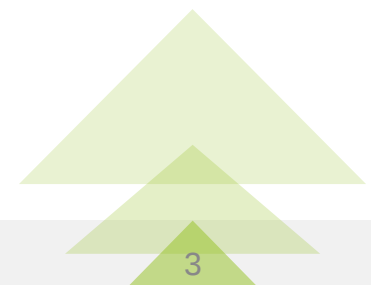
- 1. Stakeholder database
- 2. Value chains
- 3. Andalusia:
 - 1. Available skills and capabilities in the region
 - 2. Opportunities & links with previous implementations, strategies or roadmaps
 - 3. Foreseeable barriers for deployment



ANDALUSIA - STAKEHOLDER DATABASE

Organisation (local language)	Organisation (English)	Type	Organisation Area of focus	Scale	Additional notes or comments
<i>List all relevant organisations</i>		<i>Choose the type of organisation from the dropdown menu</i>	<i>This could be a sector, value chain, policy domain, etc.</i>	<i>Choose the scale on which the organisation operates from the dropdown menu</i>	<i>Note any additional comments that are relevant (e.g. already part of partner's network or new/unknown actor)</i>
Acesur	Acesur				
Migasa	Migasa	Private businesses and associated organisations	olive sector	International	Already part of partner's network.
Dcoop	Dcoop	Private businesses and associated organisations	olive sector	National	It can also operate internationally as it is part of the capital of other oil bottling companies.
Sovena	Sovena	Private businesses and associated organisations	olive sector	International	Already part of partner's network.
Deoleo	Deoleo	Private businesses and associated organisations	olive sector	International	Already part of partner's network.
Iberioliva	Iberioliva	Private businesses and associated organisations	olive sector	Local	
Almazara del Castillo	Almazara del Castillo	Private businesses and associated organisations	olive sector	Local	
Cooperativa San Isidro de Loxa	Cooperativa San Isidro de Loxa	Private businesses and associated organisations	olive sector	Regional	Already part of partner's network.
Oleoestepa	Oleoestepa	Private businesses and associated organisations	olive sector		Already part of partner's network.
Agro Sevilla	Agro Sevilla	Private businesses and associated organisations	olive sector	International	Already part of partner's network.
Natac	Natac	Private businesses and associated organisations		International	Already part of partner's network.
Citaliva	Citaliva	Academic, research and education	olive sector	European	Already part of partner's network.

	<i>Note the INTEREST that the organisation has in regional bioeconomy development (Innovat, Socialism, Strategy) using the dropdown menu</i>		<i>Note the INFLUENCE that the organisation has on regional bioeconomy development (Innovat, Socialism, Strategy) using the dropdown menu</i>
4	Is a leading group of companies in the olive oil market thanks to the great possibilities it offers consumers in all qualities of this product. Acesur has accumulated experience in the vegetable fats sector since 1940, combining tradition with a strong innovative character, which has led it to be a pioneer in the launch of products and formats.	5	Investment in R&D&I and influence working with prestigious universities and technology centres throughout Europe. They develop healthy solutions for industry, innovate in processes and anticipate retail needs.
4	Group of companies with national and international olive oil markets. In addition, the MIGASA group has acquired part of the Ybarra Alimentación group, thus entering the production chain of other foodstuffs. The MIGASA group has taken equity stakes in electricity generating companies.	4	A national benchmark for Spanish olive oil, with more than 500 professionals working in the organisation.
5	A large agri-food cooperative that brings together thousands of families who work together in agriculture and livestock farming to offer their produce.	5	They generate wealth and employment in the countryside, favouring a commercial exchange of sustainable, innovative, fair and quality agricultural and livestock production throughout the world.
5	Group of companies interested in the circular economy. They have a long history in the extraction, refining and packaging of food oils.	5	Global influence as one of the world's largest suppliers of olive oil to private labels. At national level, it is the largest own-brand packer of vegetable oils on the Iberian Peninsula. In addition, it has received recognition for its performance in sustainable development by positively reinforcing the areas of environment, labour, human rights, ethics and sustainable purchasing.



ANDALUSIA – OLIVE GROVE

The Andalusian community is the world's leading producer of olive oil
The olive sector in the Andalusian economy is one of the most important by its extension, economic value, generated biomass, employment and related direct and indirect industry

REVALORISATION

Already some innovative commercial scale plants are operational and at least 2 more are expected up till 2025

Source	Tonnes
Cotton	226,014
Rice	526,183
Strawberry	214,744
Fruit trees	457,791
Sunflower	604,150
Greenhouses	1,217,461
Maize	680,419
Olive groves	1,859,840



ANDALUSIA - available skills and capabilities in the region



Production and Availability of Biomass Resources

- Olive-Culture
- Intensive horticulture
- Algae production
- Fisheries byproducts
- Livestock byproducts
- Forestry biomass
- Biowastes
- Pruning wastes
- Agroindustrial byproducts
- Other resources



Political Support

- Andalusian Circular Bioeconomy Strategy
- Rural Developments Groups
- Technological Centers
- Programmes and Structural Funds



Industrial Capacities

- Biotech companies
- Agroindustries
- Biorefineries
- Bioenergy plants
- Chemical Industries
- Forest Industries



Knowledge Network

- Universities
- Research Groups
- RTD Centers
- International Campus of Excellence



ANDALUSIA - OPPORTUNITIES & LINKS WITH PREVIOUS IMPLEMENTATIONS, STRATEGIES OR ROADMAPS

Opportunities

- Existence of chemical production sites and initiatives that could apply bio-refinery concept
- Important development of biological agriculture with needs of new products more sustainable
- Increasing interest for sustainable investment
- Research could solve key bottlenecks towards the creation of new value chains

Strategies or roadmaps

- Andalusian Bioeconomy Strategy
- Andalusian sustainable development strategy
- Law for the Circular Economy
- Model Demonstrator Region in Sustainable Chemical production
- Andalusian overall Plan for waste. Towards a circular Economy in 2030 Horizon
- Andalusian Innovation Strategy, RIS3Andalucía 2020
- EAFRD Operative Programme of Andalusia and the Rural Development Programme of Andalusia 2014-2020 (RDP)
- Andalusian Plan for Research, Development and, Innovation-Spanish (PAIDI) 2020

ANDALUSIA - FORESEEABLE BARRIERS FOR DEPLOYMENT

- Finance for demo projects
- Collaboration with end-users
- Adequate legislation
- Supply of feedstock of the (exact) right quality
- Infrastructure for feedstock supply



THANK YOU



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