

# ANDALUSIA

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

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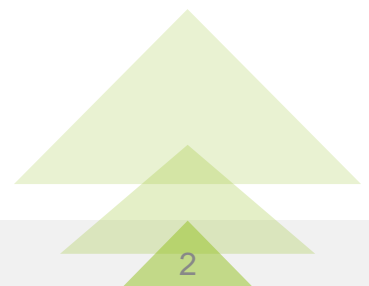
Technological Corporation of Andalusia

**Cross-regional assessment workshop**

22/11/22

# INTRODUCTION

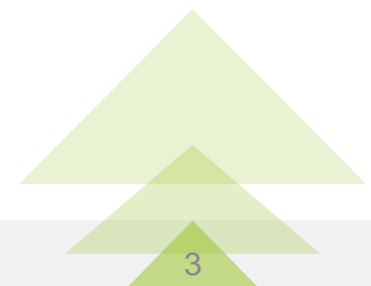
- 1. Stakeholder database
- 2. Value chains
- 3. Andalusia:
  - 1. Available skills and capabilities in the region
  - 2. Opportunities & links with previous implementations, strategies or roadmaps
  - 3. Foreseeable barriers for deployment



# 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	Private businesses and associated organisations	olive sector	International	Already part of partner's network.
Migasa	Migasa	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.
Dcoop	Dcoop	Private businesses and associated organisations	olive sector	International	Already part of partner's network.
Sovena	Sovena	Private businesses and associated organisations	olive sector	International	
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	International	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	olive sector	International	Already part of partner's network.
Citaliva	Citaliva	Academic, research and education	olive sector	European	Already part of partner's network.

Rate the INTEREST that the organisation has in regional bioeconomy development (break, standard, strategy) using the dropdown menu	Rate the INFLUENCE that the organisation has on regional bioeconomy development (break, standard, strategy) using the dropdown menu
4	5
4	4
5	5
5	5



# 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
<b>Greenhouses</b>	<b>1,217,461</b>
Maize	680,419
<b>Olive groves</b>	<b>1,859,840</b>



# 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



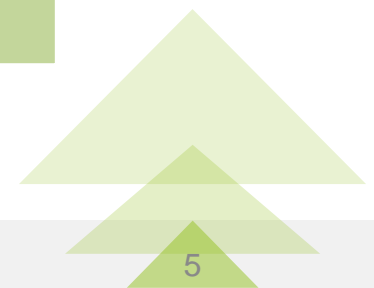
## Industrial Capacities

- 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

The logo for Corporación Tecnológica de Andalucía (CTA) is displayed on a yellow rectangular background. The letters 'CTA' are in a bold, black, sans-serif font. The letter 'A' is stylized, with a white triangle pointing upwards from its top center.

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