



2nd Bioeconomy Thematic Group Meeting ERDN

**Andalusian Circular Bioeconomy Cluster
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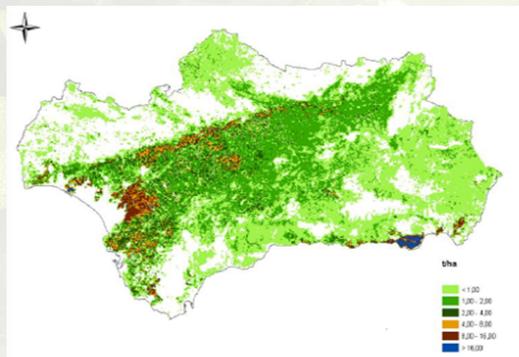
Which is our bioeconomy positioning?

Main biomass opportunities

- Olive biomass
- Intensive horticulture
- Algae production

Main Biomass Uses

- Thermal power stations
- Biogas
- Composting
- Animal feeding



Only taking into account agriculture, biomass production reaches 8 million tons a year

There is a need for higher added-value products

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
Other cereals	523,754
Beetroot	200,522
Outdoor tomatoes	45,927
Wheat	1,322,777
Vines	116,898

CAPDER Statistical Service Data

Which sectors are included?

Resources

Agriculture
Agri-food

Livestock

Algae

Waste

Forestry

Logistics

Treatments

Storage

Efficiency

Transformations

Biotechnology

Chemical
Industry

Energy

Markets

Pharmaceuticals

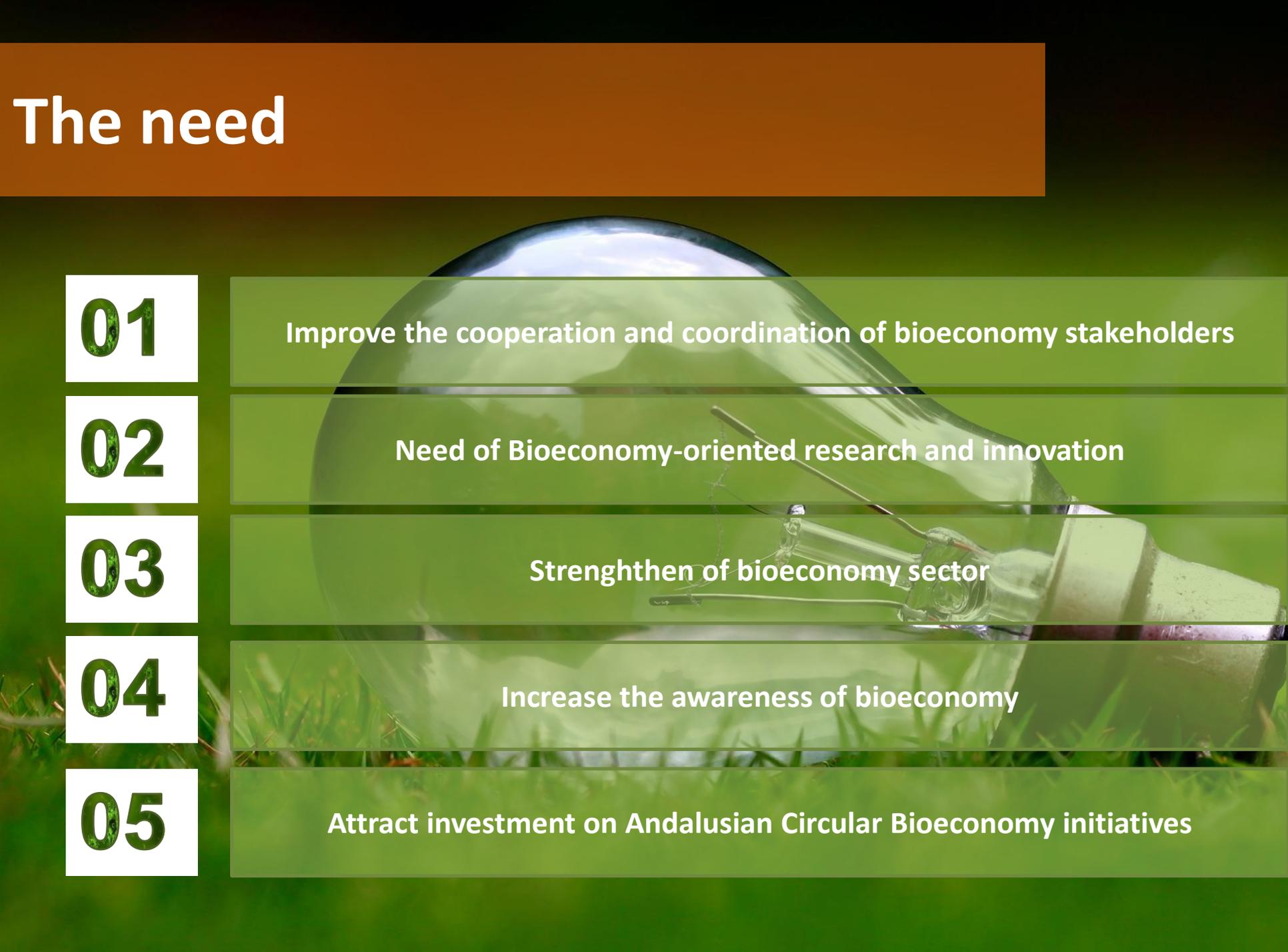
Energy

Food

Agriculture

...

The need



01

Improve the cooperation and coordination of bioeconomy stakeholders

02

Need of Bioeconomy-oriented research and innovation

03

Strengthen of bioeconomy sector

04

Increase the awareness of bioeconomy

05

Attract investment on Andalusian Circular Bioeconomy initiatives

Catalogue of services

Platform

Digital Services Provided by
Andalusia Agro Tech DIH

Positioning Area	Alliances Areas
<ul style="list-style-type: none">• Communication and dissemination• Representation to third parties• Forums and workshops for the citizens• Think Tank	<ul style="list-style-type: none">• National and international networking• Advice in the elaboration of proposals, collaboration agreements etc.• Platform to support the interaction among stakeholders• Boosting big R&D projects in cooperation
Innovation Area	Trending Area
<ul style="list-style-type: none">• Knowledge transfer from competence centers to private sectors• Promotion of bioeconomy start-ups• Showrooms of innovative solutions• Education and training	<p>Technology watch Newsletters about success stories and trends</p> <ul style="list-style-type: none">• Identification of sector needs in Andalusia.

Stakeholders engagement

More than 50 Experts participated defining actions in the Andalusian Circular Bioeconomy Strategy

Operatives Groups of Innovation (RDP)

Participation in several **innovation projects**

Producers, knowledge centers, innovative companies and industries were taken into account

Tailor-made communications via **website and twitter**

Financial instruments

H2020

European
Territorial
Cooperation

ERDF

Own
resources

EAFRD



Roadmap

01

Expression of Interest
-Type of entity
-Type of partner
-Range of contributions

02

Cluster Concept Strategic planning and viability model (Preliminary Technical Office)

03

Preliminary Statutes (Preliminary Technical Office)

04

Association in Agreement with public regional government

05

Consolidation Cost Structure Incomes Structure Catalogue of Services

**WE
ARE
HERE**

36/60 Companies shown interest
21/35 are willing to contribute with economical support

Lesson learned



Communication activities



Leadership- Political Support



Public synergies



Value proposition



Multiactor Approach

Thank you very much for your attention



<http://www.bioeconomiaandalucia.es/>



http://www.twitter.com/Bioeconomia_And



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