



Ecological Territories: Region of Crete, Greece. Eco-Innovation, as a driver to the Opportunity.

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Περιφέρεια Κρήτης
Region of Crete



Circular Economy Forum Reunion Island, 26-30 Sept 2016



Area	8.336Km ²
max length	260 Km
max (min) width	60(12) Km
population (2011)	622.913

Circular Economy Forum Reunion Island,

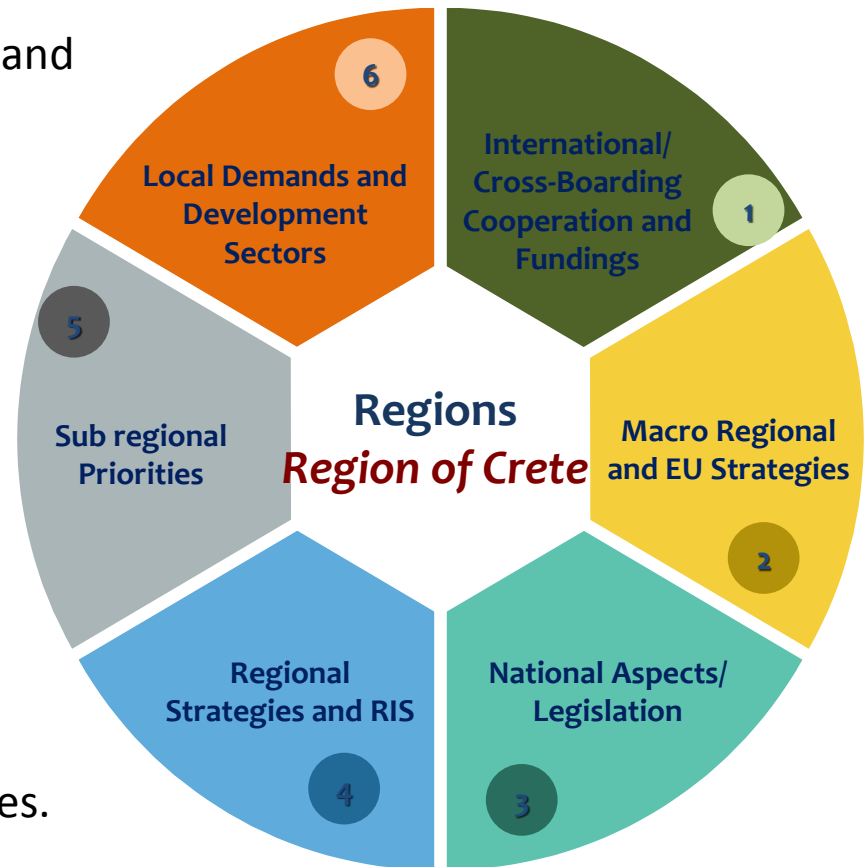
Region of Crete, Greece

A Public Law Entity:
a second grade local self government authority

Aims at Economic,
Social and Cultural Development of the Island
Regarding:

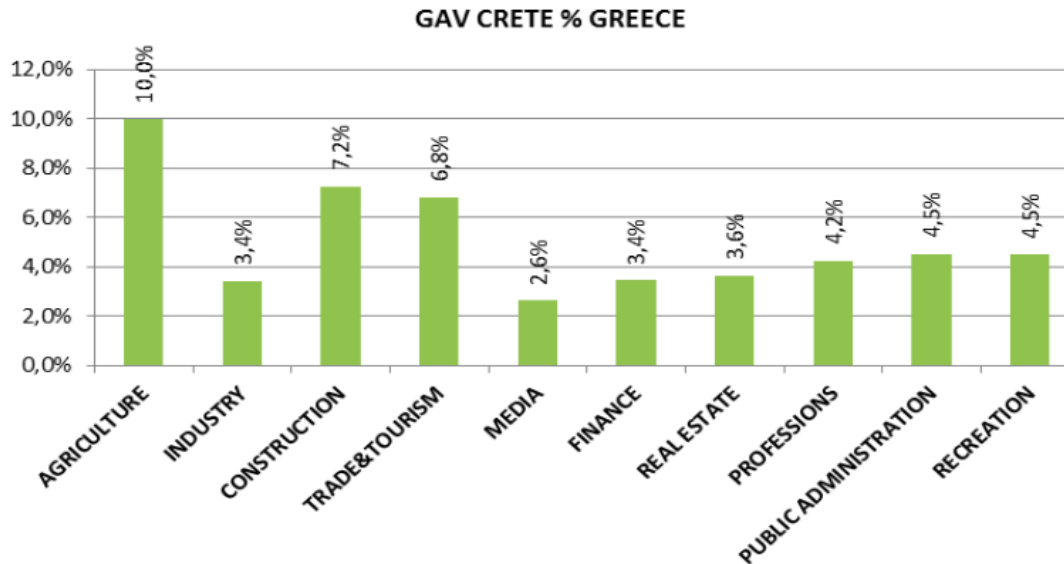
*the Development, Development Planning,
Environment and Infrastructure,
Regional Agricultural Economy,
Transport and Communications,
Public Health and Social Care,
Civil Protection*

It designs, plans and implements policies
at regional level,
in terms of the sustainable development
and social cohesion of the country,
taking into account National and EU Policies.



Economic Facts

- Gross Domestic Product: Region of Crete participates in the 4,9% GDP of the country
- Per Capita GDP: 91% of the Country
- Gross Added Value (GAV): In the Primary sector Crete contributes 10% to the added value of the branch at national level



Economic Sectors of Development _ 1

Primary Sector: With a balancing effect to regional growth position in terms of products and employment.

Cultivations of vegetables cover 3% of the total cultivation areas, but Crete has 50% of the greenhouses in Greece.

Animal breeding is fragmented, with few organized animal farms. However, there are significant preconditions for the development of dairy products.

Secondary Sector: Manufacturing mainly involves the processing of the products of the primary sector (foods and drinks), supporting activities to the construction sector and the sub-sector of plastics which has been supplying the primary sector with materials.

Energy, and in particular the Renewable Energy Sources can be an important source of economic activity and employment growth in the island and can also reduce dependence on fossil fuels.

"Green" energy can also be a pillar of development, promoting economic growth through large "clean" investments, social cohesion, the protection of the environment and the development of local expertise and technology.

Economic Sectors of Development _ 2

In the **Constructions sector** Crete participates in the country total with a satisfactory percentage (7.2%).

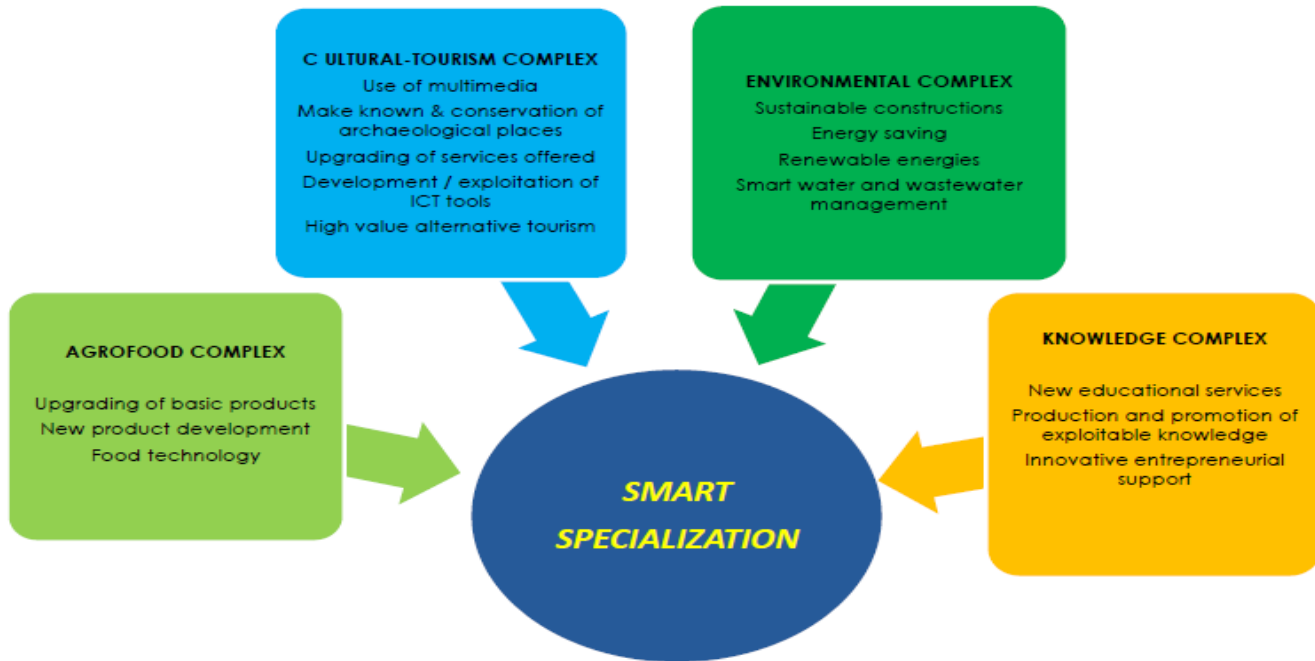
The sector is generally undergoing a period of deep depression. In the past it has benefitted mainly from the development of the tourism branch and extensive public works.

The strongest sector of the Cretan economy remains "**Trade and Tourist Services**".

Tourism is the most dynamically developing sector and the demand gave incentives for important investments in hotel units, resulting in the qualitative and quantitative upgrading of hotel infrastructures.

Crete> Smart Specialization Strategy

SMART SPECIALIZATION SECTORS



**Circular Economy
at the Region of Crete**

An Added Value??

How and Where?



**Fully recommended
to be supported
and implemented**

The case of the Primary Sector (agriculture and stock raising) : characterized by significant development and exports

- SMEs must implement specific techniques and technologies for packaging, in terms of recycling, re-use and economy .
- Primary producers should apply organic crops which will improve the production process as well as resulting to soil protection from chemical and by avoiding soil's enrichment of crop's residues
- The livestock sub sector could reduce waste and recycle by disposed to other recipients (or to recycle most of the by-products (food for livestock), or to implement practices which reduce the requirements in land for the livestock or by applying agriculture methodologies resistant to climate change and requiring less water consumption

The “**SCREEN**” project H2020-Industry 2020 in the Circular Economy “**Synergic Circular Economy Across EU Regions**”

Aims at the definition of a replicable systemic approach towards a transition to Circular Economy in EU regions within the context of the Smart Specialization Strategy, contributing to novel future eco-innovative and horizontal business models across different value chains, by:

- a) Sustaining the regional actors' participation at H2020. The mechanism of the “vouchers” will be reinforced, in order to ensure common rules in EU regions and therefore encouraging to composition of international Consortia applying for circular economy projects related to the regional Smart Specialization.*
- b) Encouraging the entrepreneurial initiatives based on H2020 project's results
The participating Regions will agree about a specific rule in their Structural Funds giving an advantage for those initiatives targeted to the exploitation of the H2020 project results with a circular economy approach.*
- c) Investigating the possibility of maximizing the H2020 investment through a “recovery” (fully or partial) of well ranked unfinanced proposals dealing with circular economy*

The “SCREEN” project and the Concept for the Region of Crete

At the Region of Crete, Greece, Primary sector (agriculture and stock raising) is characterized by significant development and exports. Therefore it is necessary to implement a sustainable planning in respect to the demands of circular economy.

A new planning found to be necessary that provides an holistic implementation of primary sector of the island, by techniques and technologies which lead to saving of the resources and energy savings, either by prevention or seasonally recycling or reuse seasoning of products, by-products or even waste.

The “**SCREEN**” project and the Concept for the Region of Crete

SMEs of that particular sector must apply specific techniques and technologies for packaging, in terms of recycling, re-use and economy

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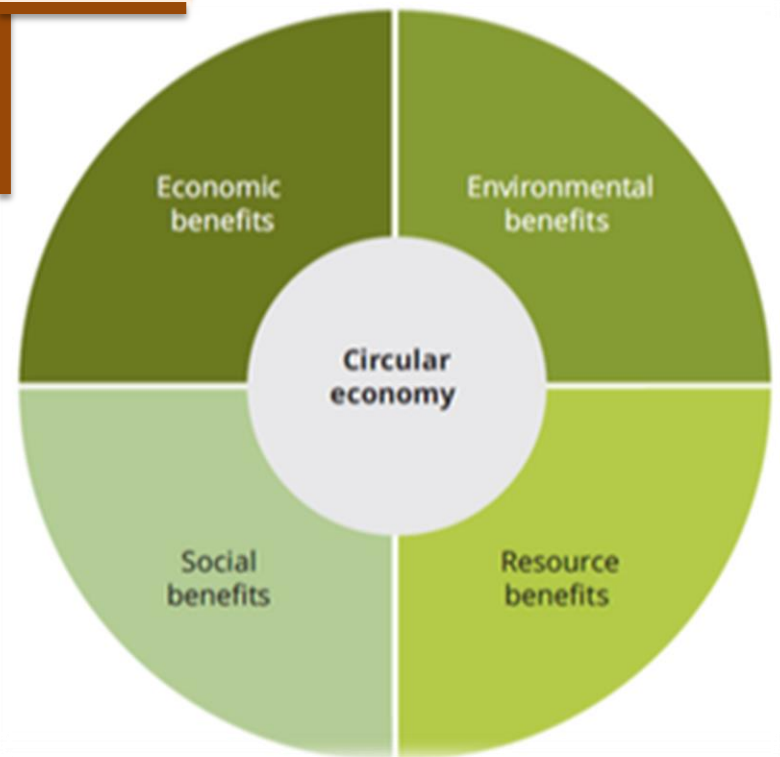
The livestock sub sector could reduce waste and recycle by disposed to other recipients (e.g. combustible materials, soil improvers, etc), or to recycle most of the by-products (food for livestock), or to implement practices which reduce the requirements in land for the livestock or by applying agriculture methodologies resistant to climate change and requiring less water consumption.

Synergies for the Circular Economy at the Region of Crete

**RIS _ Crete and its Pillars:
Agrofood/Tourism-Culture/Environment-
Energy/Knowledge-Innovation**

Local Demands and Development Sectors

**Approved, new Regional Waste
Management Planning**



Thank you!

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Περιφέρεια Κρήτης
Region of Crete



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THE ISLAND INSIDE YOU

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