



# SCREEN

Synergic Circular  
Economy across  
European regions



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No730313

## Regional Local Analysis

WP 2, T 2.2., D 2.2

Alessio Maria Braccini, Università degli Studi della Tuscia, [abraccini@unitus.it](mailto:abraccini@unitus.it)

# Regional Local Analysis

---

WP 2: Cross analysis of regions/sectors/smart specialisation strategy

T 2.2 Local analysis in each region:

- Horizontal analysis
- Smart specialisation strategies of each region
- Circularity potential and assets within each region

D 2.2: descriptive results of the data collection report

# Methodology

---

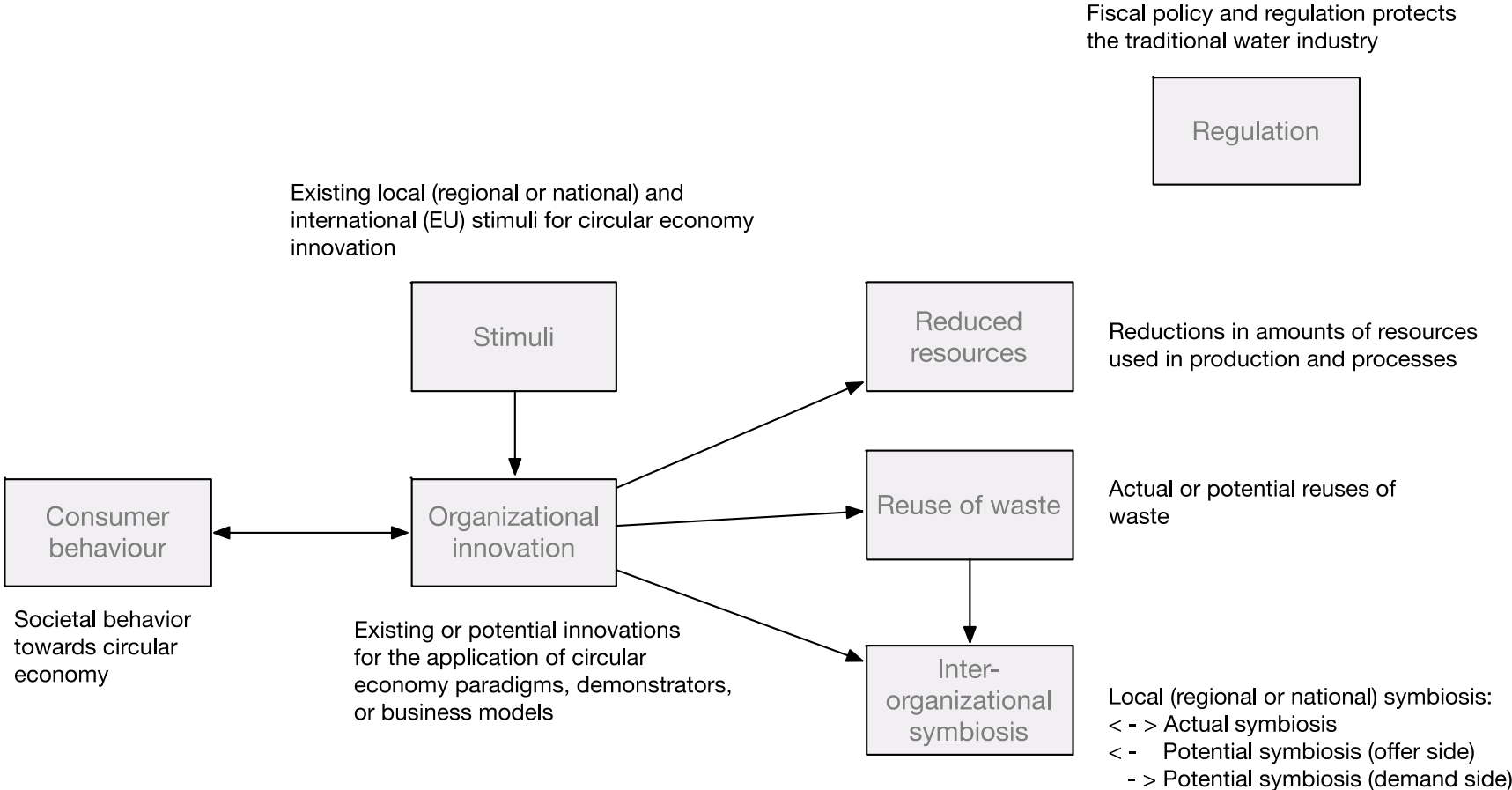
## Areas of analysis:

- Smart Specialisation Strategy
- Companies
- Capabilities
- Emerging ideas
- Existing circular economy legislation
- Existing funding instruments

## A meta-model of circular economy:

- Data available from the mapping tool
- S3 supporting documents
- Our interpretation

# Meta-model of Circular Economy



# Regions and data included in the report

Region	RIS 3	Swot Analysis	Focus Sectors	Companies	Capabilities	R&D	Innovation	Education	Emerging ideas	Legislation	Funding instrument
Lazio	✓	✓	✓	✓	✓	✓		✓	8		
Lombardia	✓	✓	✓	✓	✓	✓	✓	✓	7		
Navarra	✓	✓	✓	✓	✓	✓	✓	✓	6	✓	6
Tampere	✓	✓	✓	✓	✓	✓	✓	✓	21		
Centro	✓	✓	✓	✓	✓	✓	✓				
La Reunion	✓	✓	✓	✓	✓	✓	✓	✓	7		
Scotland	✓	✓	✓	✓	✓	✓	✓	✓	3	✓	
Crete	✓	✓	✓	✓	✓	✓	✓	✓	17		
Fryslân	✓	✓	✓	✓		✓	✓	✓	10		1
		Innovation Symbiosis	Symbiosis	Innovation Symbiosis	Innovation Symbiosis	Innovation	Innovation	Consumer behaviour	Innovation	Regulation	Stimuli

# Circular economy in European regions

---

## Core of circular economy:

- Innovation, waste management and reduction
- Renewable energy

## Symbiosis:

- From agriculture to high value sectors (chemistry, pharma, energy, bio-economy), or to public sectors
- Reuse of materials from waste

## Regulation:

- Differences of environmental regulation across neighbour countries (La Réunion)
- Incoming regulations (Lodskie, Crete)
- Regulation fragmentation (Lazio) or not incentivizing (Tampere, Fryslân)

## Societal awareness of circular economy

- Few education capabilities (Scotland, Crete)
- Lack of culture of cooperation (Navarra)

# Overview of the local analysis

---

## Implications of the local analysis

- Data availability and quality on waste produced by sectors
- Economic data on sectors (especially value added)
- Different approaches to circular economy

## Further considerations

- Waste and Innovation -> Reuse vs Prevention
- Public awareness of circular economy and sustainability