


School of Mechanical Engineering
Aristotle University of Thessaloniki

Interreg Europe

Co-funded by the European Union

"Life Cycle Thinking for Promoting Industrial Symbiosis policies and strategies, based on the synthesis of sustainability pillars"

KYKLOSsymb

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Sustainable Management of Resources: The science and techniques

"In a rapidly changing planet and an ever-evolving society, the need to preserve the environment and rationally use the planet resources for sustainable tourism is more pressing than ever.

KYKLOSsymb project will contribute to the synthesis and implementation of regional development instruments, policies, strategies and programmes related to the promotion of Industrial Symbiosis and Resources Management.

The following bodies are eligible to receive ERDF or Norwegian funding and can therefore participate as 'partners' in Interreg Europe projects:

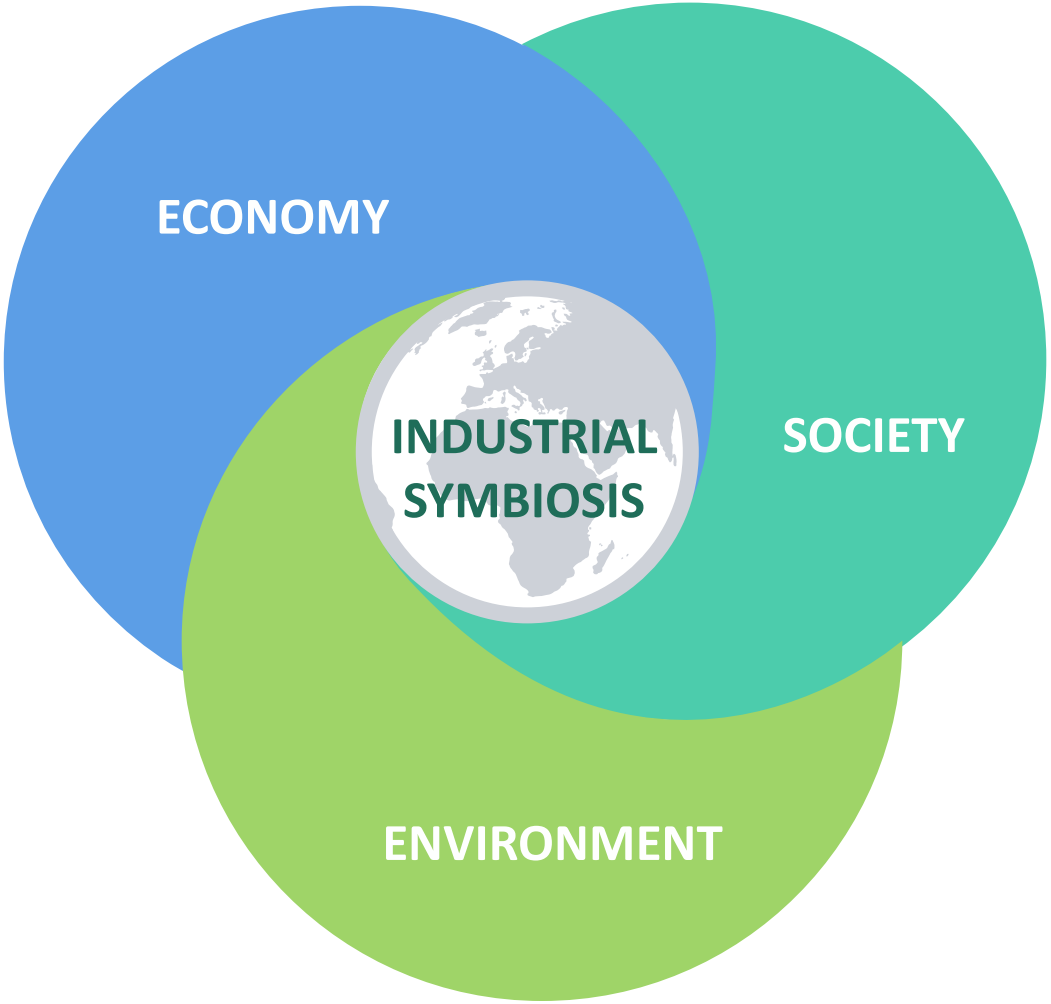
- Public authorities (80% ERDF)
- Public law bodies (bodies governed by public law) - (80% ERDF)
- Private non-profit bodies (70%).

The involvement of the policy responsible authority **as partner is compulsory for at least 50% of the policy instruments addressed** in a project application. For any instruments where this is not the case, the relevant policy responsible authorities must be involved as 'associated' policy authorities

Pillars of Sustainable Development

Interactions between
the societal, environmental, and economical pillars of sustainability

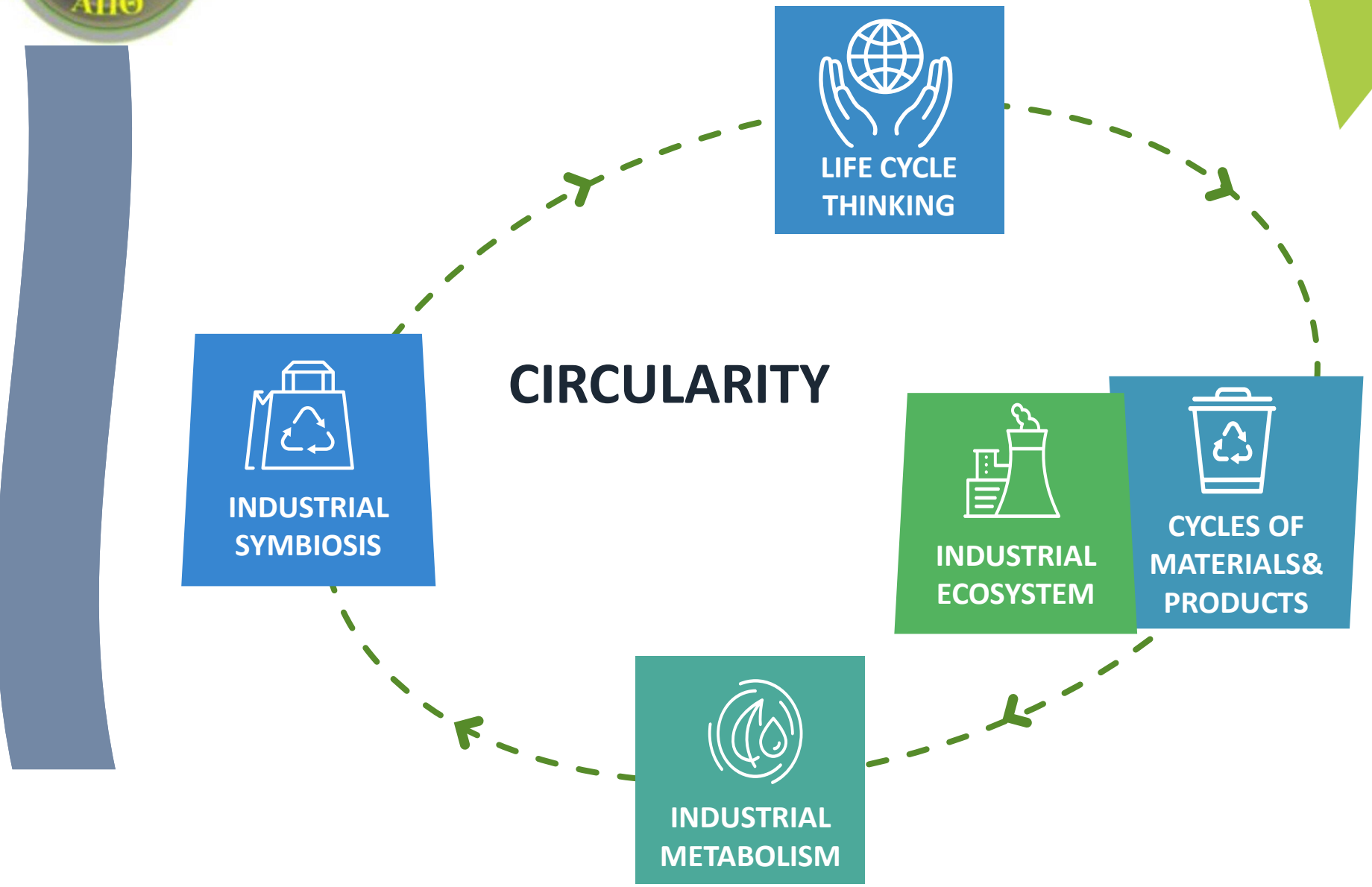
SUSTAINABLE MANAGEMENT OF RESOURCES
CIRCURAL ECONOMY



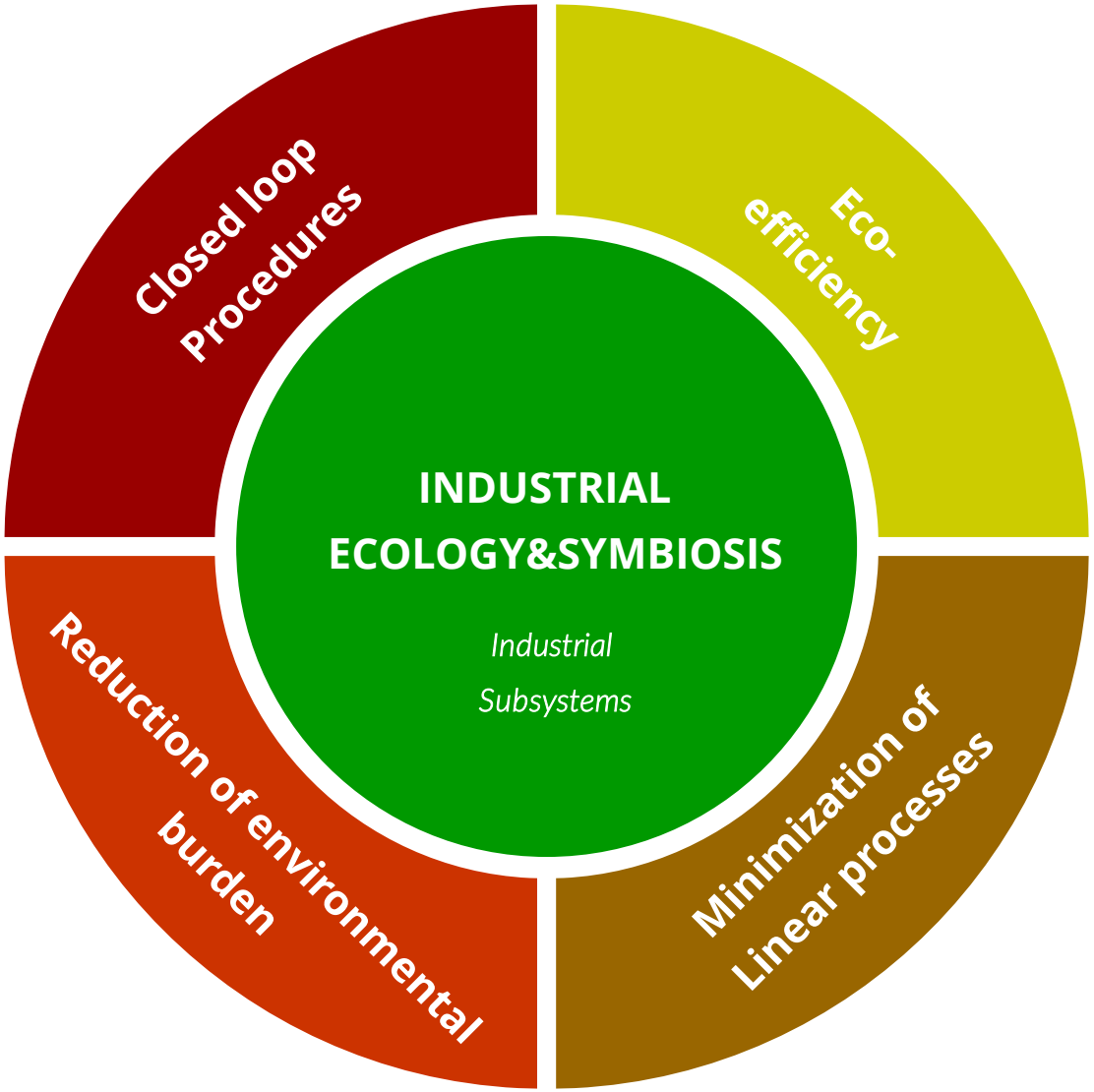
KYKLOSsymb framework

- Deadline: 9 June 2023 (opening 15 March 2023)
- Type of project: Interregional Cooperation Project, Budget: to be defined
- Priority – Specific objective: A Greener Europe
- 2-(vi) “Circular and resource efficient economy”
- Tools for Resources' Management (Energy, Water, Resources)
- Partners: Involve 5-8 regions and 10-12 partners, from different countries,

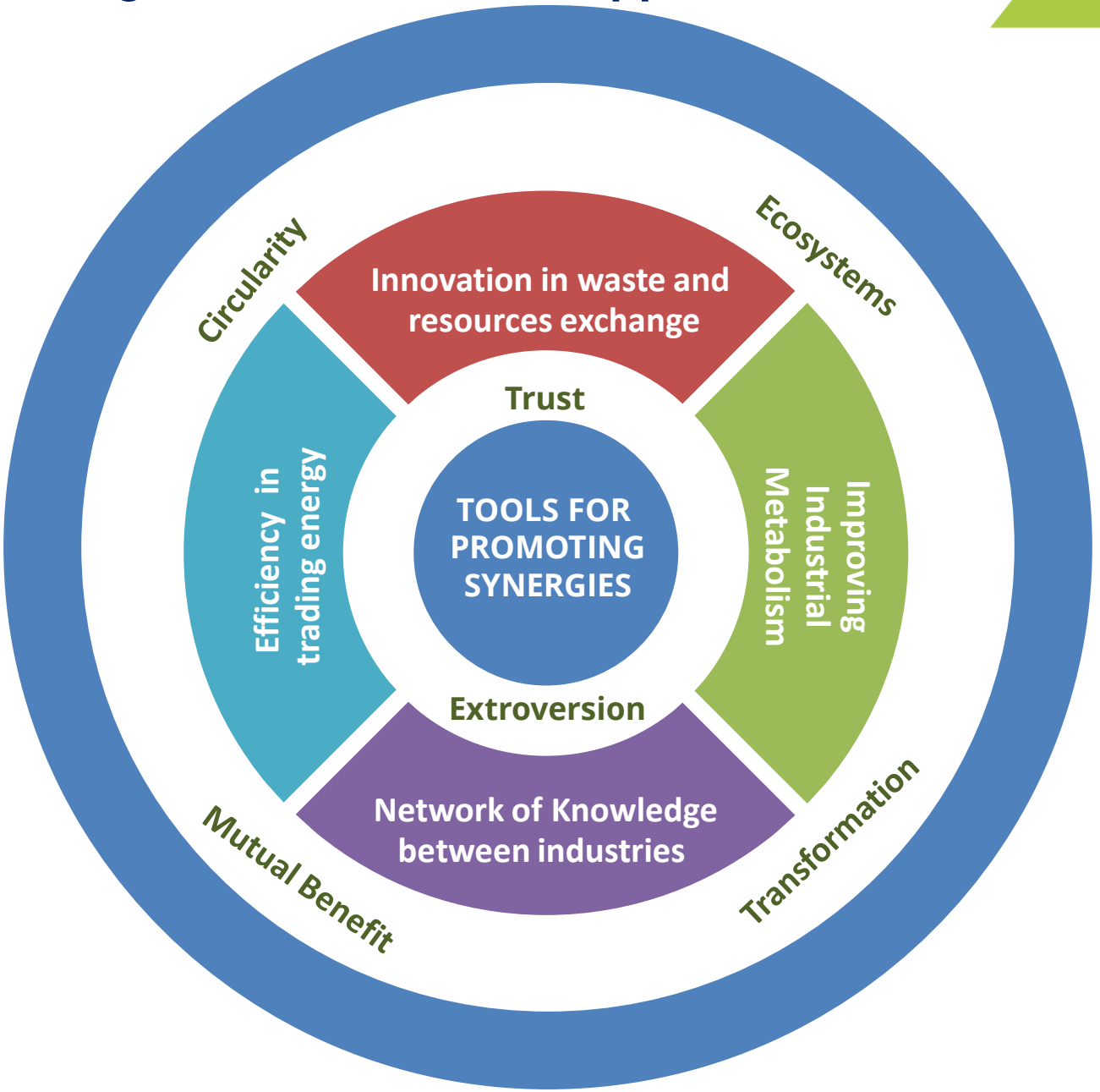
Basic Dimensions of Circularity



Key features governing the industrial metabolism of an industrial subsystem



Integrated framework of applied industrial ecology



Sustainable Management of Resources: The science and techniques

Focus on the exchange of experience and capacity building among regions to improve their capacity to design, manage, and implement their industrial symbiosis regional development policies. The, KYKLOSsymb will put forward:

(i) Exchanging experiences

(ii) Identify Good Practices

(iii) Exchange of Good Practices

(iv) Address policies

(v) Exchanging successful economic instruments

(vi) Assessing consumption behavioural patterns considering that “smart” and sustainable production & consumption need “smart” consumers *(see next slide)*

(vii) Interregional policy learning events – Quadruple helix