



# Clusters of Social and Ecological Innovation (CSEIs)

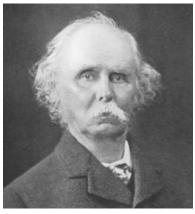
Capacity Building 3 - Diesis Network Francesco De Rosa 27 June 2024



## CLUSIER and **CSEI**

General Definition: a group of similar things that are close together, sometimes surrounding something.





**Clusters: industrial districts** "concentration of specialised industries in particular localities"





Michael E.Porter 1947

**Clusters:** "Geographic concentrations of interconnected companies and institutions in a particular field"

"concentration of specialized industries in particular localities"

"Clusters are defined as groups of firms, related economic actors, and institutions that are located near each other and have reached a sufficient scale to develop specialised expertise, services, resources, suppliers and skills"

**Clusters of Social and Ecological Innovation (CSEI)** group mainly of social economy entities with mainstream enterprises, civil society organisations, public authorities, education and research institutions that cooperate in a particular location to improve local economic, ecological and societal prosperity and regeneration by facilitating cooperation, pooling of resources and enhancing innovation capacity.



## **CSEI**



CSEI provide prosperity in territories in numerous sectors, help build resilient local value chains and serve a broad range of stakeholders.

Their main strength is their know-how and their <u>capacity</u> to <u>cooperate</u>, stemming from the values of the social economy and their <u>capacity</u> to <u>experiment and innovate</u> boosting different types of innovations:

- Economic
- Social
- Ecological
- Governance



They are ideal vehicles to align local SMEs, SEOs, citizens' initiatives, LRAs and research to help the digital and sustainable transition of a local and proximity economy.



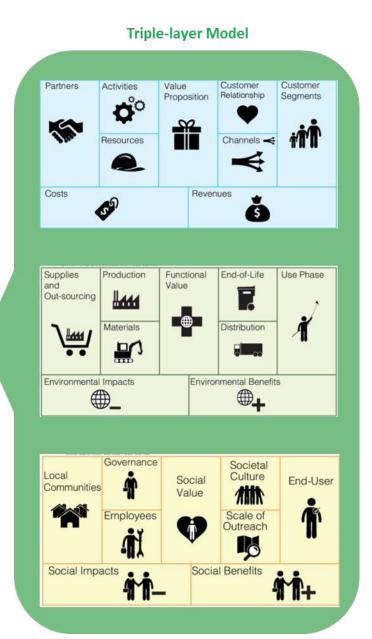
### CLUSTER and CSEI: Evolution of Business

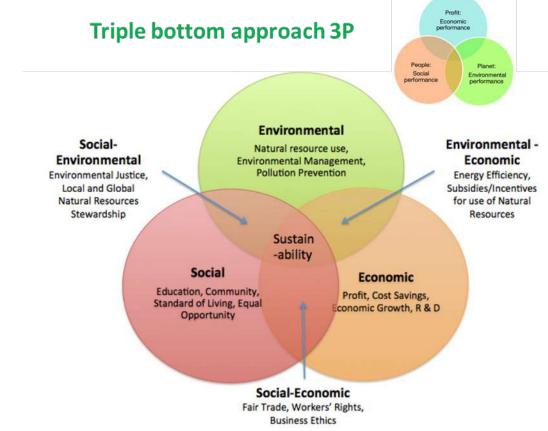


## Model

#### **Economic Business Model**







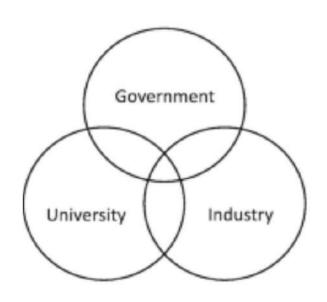
ESG
Environmental, Social,
Governance.
SUSTAINABILITY in a
business context.





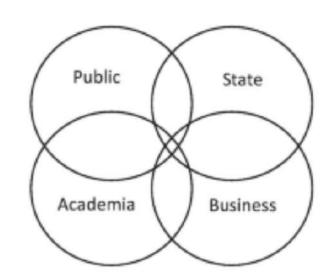
# CLUSTER and CSEI: Evolution of the Innovation

## Model

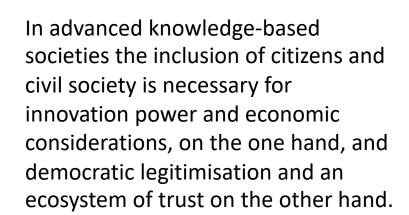


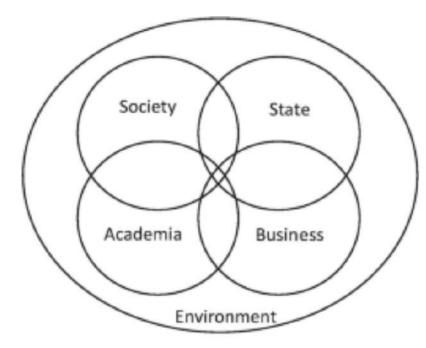
**Triple helix** 

Aimed at emphasising the role of universities and governments in knowledge production and innovation processes, alongside businesses and industry.



**Quadruple helix** 





**Quintuple helix** 

To account for non-human actors and more-than-human concerns, a fifth helix is added that encourages inter-species thinking, transdisciplinary application of interdisciplinary knowledge and multi-species justice.



# CLUSTER and CSEI: EU Strategy and









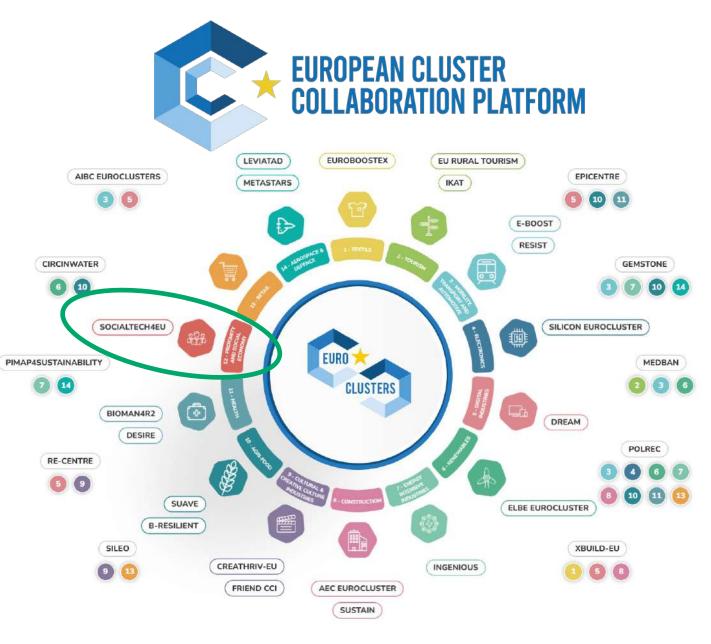














# Scale up: Meta-Clusters and Meta-CSEI





















