EUROPEAN CLUSTER CONFERENCE 2022

26-27 SEPTEMBER 2022, PRAGUE

European Commission

EUROPEAN CLUSTER COLLABORATION PLATFORM

#EUClusterConference

MINISTRY OF INDUSTRY AND TRADE OF THE CZECH REPUBLIC

EU2022.CZ

Promoters and partners

CLOCK is an initiative born among 9 Technological Transfer Centres located in Tuscany

7 are managing a Regional Technological Cluster

Materials sector Cluster

Nautical sector Cluster

Interiors and Design Cluster

Textile sector Cluster

Life Science Cluster

Technological Center and Labs

Energy sector Cluster

Paper sector Cluster

Sectors represented

LIFE SCIENCE

- 350 companies
- 16.000 employees
- 8 billions turnover

YACHT

- 3.000 companies
- 18.000 emplyees
- 1,3 billion turnover

ENERGY

500 companies
2.050 employees

PAPER

- 341 companies
- 9.000 employees
- 4,9 billions turnover

TEXTILE/FASHION

- 7.000 companies
- 42,500 employees
- 3,9 billion turnover

WOOD/FURNITURE

Furniture:

- 5.500 companies
- 24.200 employees
- 1,0 billion turnover

Recreational vehicle:

- 125 companies
- 4.000 employees
- 800mln turnover

Objectives

- **Sharing** of knowledge, skills, equipment and tools to maximize productivity, avoiding duplication, with a view to economic intelligence;
- Impetus for the integration of research-training-innovation-business, through the creation of specific actions, also enhancing the relationship with universities and other research organizations;
- Enhancement of research, technological development and innovation programs, consistent with the reference strategic agendas, in line with regional, national and European development and innovation programs;
- Technological dissemination, enhancement of Laboratories and facilitation of their access and *matchmaking*, at the service of the business system;
- Identification of interdisciplinary **solutions to supply chain and sector problems;**
- Promotion of regional coordination to maximize the effectiveness of the programs, projects and actions of the signatories.

The Strategic Action Plan

Matrix of skills and identification of 'complementarity' areas

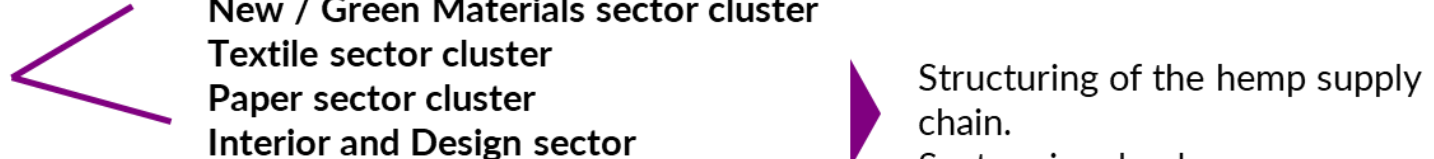-Process of selection of strategic themes transversal to the supply chains:
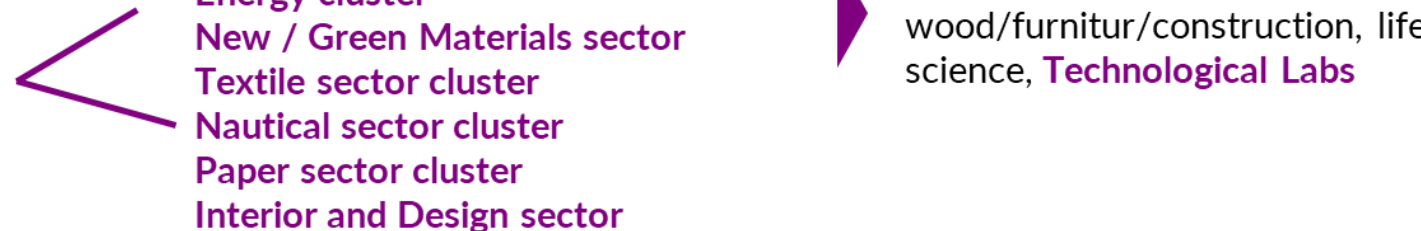
a. Identification by the Board of Directors of 3 macro-areas of business interest: sustainability, digitization, Tuscanity → Made in Tuscany.

b. Meeting with the top managers of leading companies in the supply chain (those that "make the market", and express the demand for SMEs), to define the issues and actions of interest to them within the 3 macro-areas.

c. Crossing of the priorities that emerged with the priority themes identified in the S3 of the supply chains present in CLOCK.

d. Identification of 3 strategic areas of interest, considered a priority by the largest number of CLOCK members (with higher transversality)

3 horizontal strategic topics

○ **the Tuscan hydrogen supply chain** (S3 application areas: Energy and Green Economy and Circular Economy and digital transition and SME circular economy)

Energy cluster
Nautical sector cluster
Technological Labs

Tuscan Hydrogen valley

○ **the Tuscan supply chain of sustainable and intelligent packaging** (S3 application areas: digital transition and circular economy for SMEs, Energy and Green Economy, Health)

Energy cluster
New / Green Materials sector cluster
Textile sector cluster
Paper sector cluster
Interior and Design sector

Structuring of the hemp supply chain.
Sectors involved: paper, textile/fashion, wood/furnitur/construction, life science, Technological Labs

○ **symbiosis between sectors, circular economy and new bio-based materials** (S3 application areas: digital transition and circular economy for SMEs; Smart Agrifood and Energy and Green Economy)

Energy cluster
New / Green Materials sector
Textile sector cluster
Nautical sector cluster
Paper sector cluster
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Thank you