

# ART-ER

## Attractiveness Research Territory



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Europa y América Latina: Socios para el fomento a la MIPYME

Mesa 2: La construcción de encadenamientos productivos innovadores

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# ART-ER Attractiveness Research Territory

is the new Emilia-Romagna Joint Stock Consortium Company that was born in May from the merger of **ASTER** and **ERVET**.

*Together*



*for an ever more attractive  
and international region*



**Mission:** fostering the region's sustainable growth by developing **innovation** and **knowledge**, **attractiveness** and **internationalisation** of the territorial system.



# Shareholding and Organisation

## SHAREHOLDERS

- ✓ the **Emilia-Romagna Region**
- ✓ the **regional Universities**
- ✓ National Research Centres located in the region (**CNR, ENEA, INFN**)
- ✓ the **Regional Union of Chambers of Commerce**
- ✓ Other **local representatives**

The new company is organized into **two Divisions**:

- **Research and Innovation Division (ex ASTER)**
- **Sustainable Territorial Development Division (ex ERVET)**

# Research and Innovation Division

*(former ASTER)*

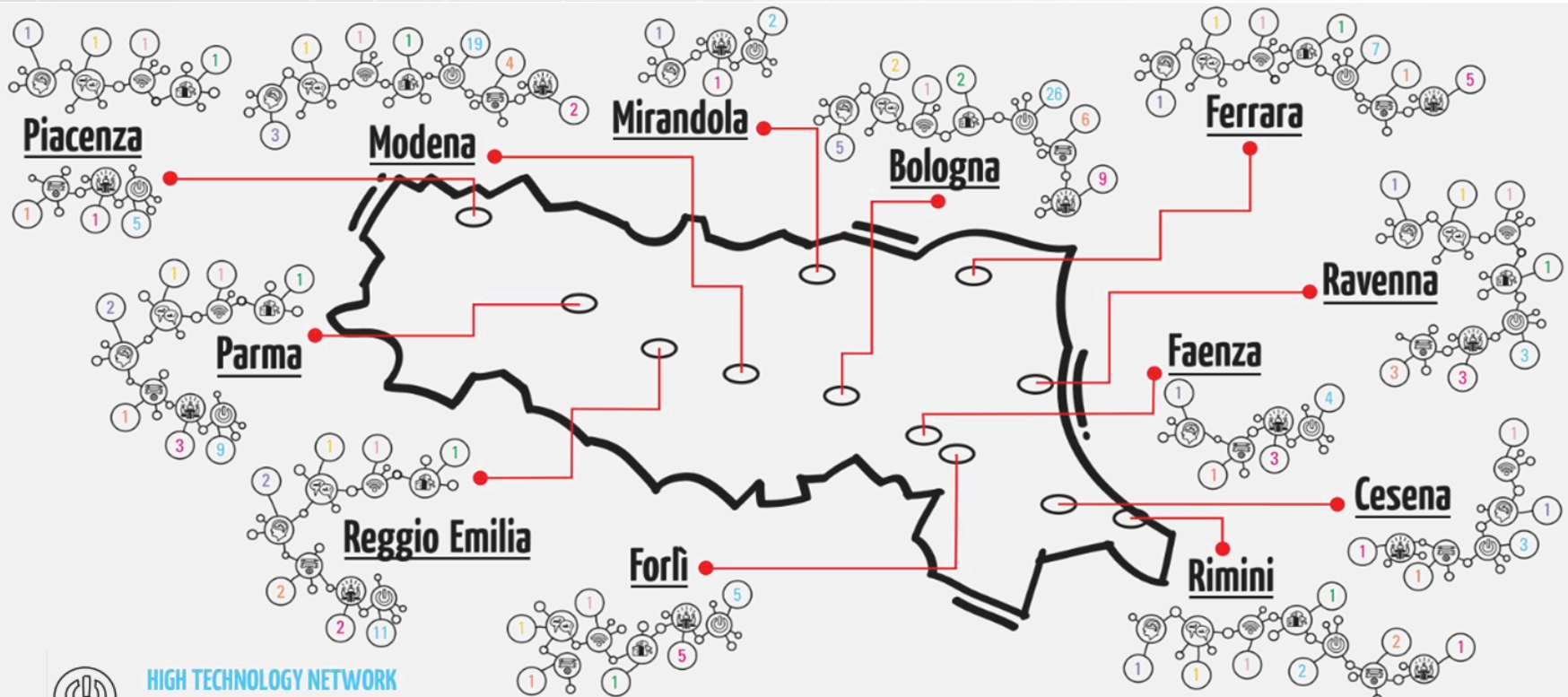
Supports the  
Regional  
Government for the  
definition of  
**innovation policies**

Coordinates and  
represents the  
**regional  
innovation system**

Promotes **industrial  
research**, fostering  
collaboration  
between enterprises  
and research labs

Designs and  
develops **strategic  
projects**

# Regional Innovation ecosystem



## HIGH TECHNOLOGY NETWORK

82 Industrial Research Laboratories  
14 Innovation Centres



## TECHNOPOLES NETWORK

10 Infrastructures  
20 Locations



## INCUBATORS NETWORK

75 Public and Private organisations



## DIGITAL MANUFACTURING NETWORK MAK-ER

## 22 Fab Labs and Maker Spaces



## OPEN LABORATORIES NETWORK

## 10 Equipped Areas with hi-tech solutions



## LOCAL NETWORK "SPAZI AREA S3"

10 Offices located in the Technopoles to assist highly-skilled (young) people



## ITS NETWORK

### 7 Hi-Tech Schools

# 5 AREAS OF SPECIALIZATION FOR INNOVATION POLICIES

## Pillars of the regional economy (% of the total number of employees)



**16,7%**  
AGRI-FOOD



**18,8%**  
BUILDING  
AND CONSTRUCTION



**18,2%**  
MECHATRONICS  
AND TRANSPORT



Over **1 million** EMPLOYEES,  
more than **50%** of regional employment



**80%** OF REGIONAL EXPORT

## Emerging areas with high growth potential (% of the total number of employees)



**8,9%**  
HEALTH AND WELL-BEING INDUSTRIES



**6,9%**  
CULTURAL AND CREATIVE INDUSTRIES



Over **300,000** EMPLOYEES,  
more than **15%** of regional employment

# Regional Innovation ecosystem

**CLUST-ER**  
**AGRIFOOD**  
AGROALIMENTARE

**CLUST-ER**  
**BUILD**  
EDILIZIA E COSTRUZIONI

**CLUST-ER**  
**GREENTECH**  
ENERGIA E SOSTENIBILITÀ

**CLUST-ER**  
  
EMILIA-ROMAGNA

**CLUST-ER**  
**HEALTH**  
SALUTE E BENESSERE

**CLUST-ER**  
**INNOVATE**  
INNOVAZIONE NEI SERVIZI

**CLUST-ER**  
**MECH**  
MECCATRONICA E MOTORISTICA

**CLUST-ER**  
**CREATE**  
CULTURA E CREATIVITÀ

Community of public and private subjects that share ideas, skills, tools, resources to support the competitiveness of Emilia-Romagna's production systems.





# Clust-ERs organization

- Legal entities
- Members:
  - Research Laboratories belonging to HTN
  - Companies, single or grouped (for ex. Consortia)
  - Educational institutes
  - Other organizations active in innovation in the Clust-ER domains
- One manager for each Clust-ER; 3-years working plan (2018-2020), funded by Region (ERDF)
- Organized in specific Value Chains





# Clust-ERs and Value Chains

**CLUST-ER**  
**AGRI**FOOD  
AGROALIMENTARE

**CLUST-ER**  
**BUILD**  
EDILIZIA E COSTRUZIONI

**CLUST-ER**  
**MECH**  
MECCATRONICA E MOTORISTICA

**CLUST-ER**  
**HEALTH**  
SALUTE E BENESSERE

**CLUST-ER**  
**CREATE**  
CULTURA E CREATIVITÀ

**CLUST-ER**  
**GREENTECH**  
ENERGIA E SOSTENIBILITÀ

**CLUST-ER**  
**INNOVATE**  
INNOVAZIONE NEI SERVIZI

**Sustainable  
Agriculture**

**Cultural  
Heritage**

**Digital  
manufacturing**

**Regenerative  
Medicine**

**Digital Culture**

**Low carbon  
economy**

**Intelligent IT  
services**

**Quality &  
Safety**

**Energy  
efficiency**

**Automation and  
robotics**

**New  
generation  
MedTech**

**Design and  
Digital  
handicraft**

**Environmen  
tal  
protection**

**Service  
platform for  
IoT**

**Byproducts  
and waste  
reuse**

**Secure  
buildings**

**Aerospace**

**Pharmaceuti  
cal and  
Omics**

**Fashion**

**Cybersecurity**

**Nautical**

**Smart and  
Active Living**

**Multimedia**

**Big Data**

**Fluid Power**

**Logistic**

**Materials**

**Motors and  
veichles**

**CLUST-ER**  
EMILIA-ROMAGNA

**ART-ER**  
ATTRACTIVENESS  
RESEARCH  
TERRITORY

# Clust-ER main goals

- Supporting Emilia-Romagna Region in the **definition of policies for research and innovation** in S3 domains (proposals for technological priorities, pilot actions, regulation, etc.)
- **Representing each industrial system** at national and international level
- **Proposing strategic projects with high potential impact** at regional level for development of industrial system

Clust-ERs don't act only in the interest of the members of the Association, but in the interest of the whole ecosystem they represent.





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