



THE DIGITAL DISTRICT OF REGGIO EMILIA

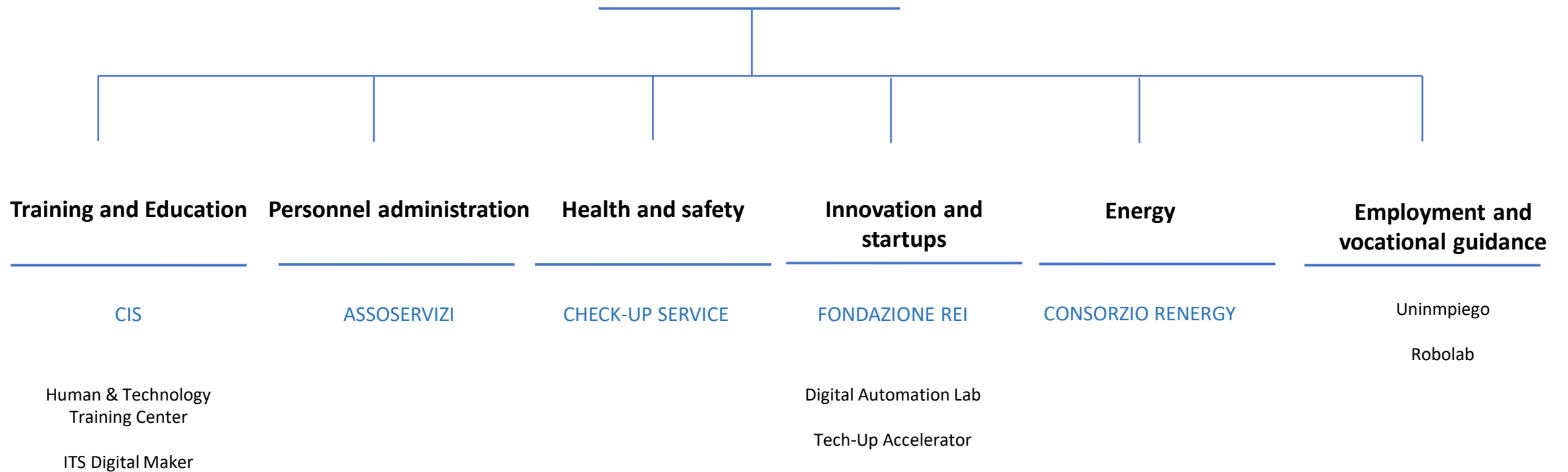
Nov 2021



UNINDUSTRIA REGGIO EMILIA

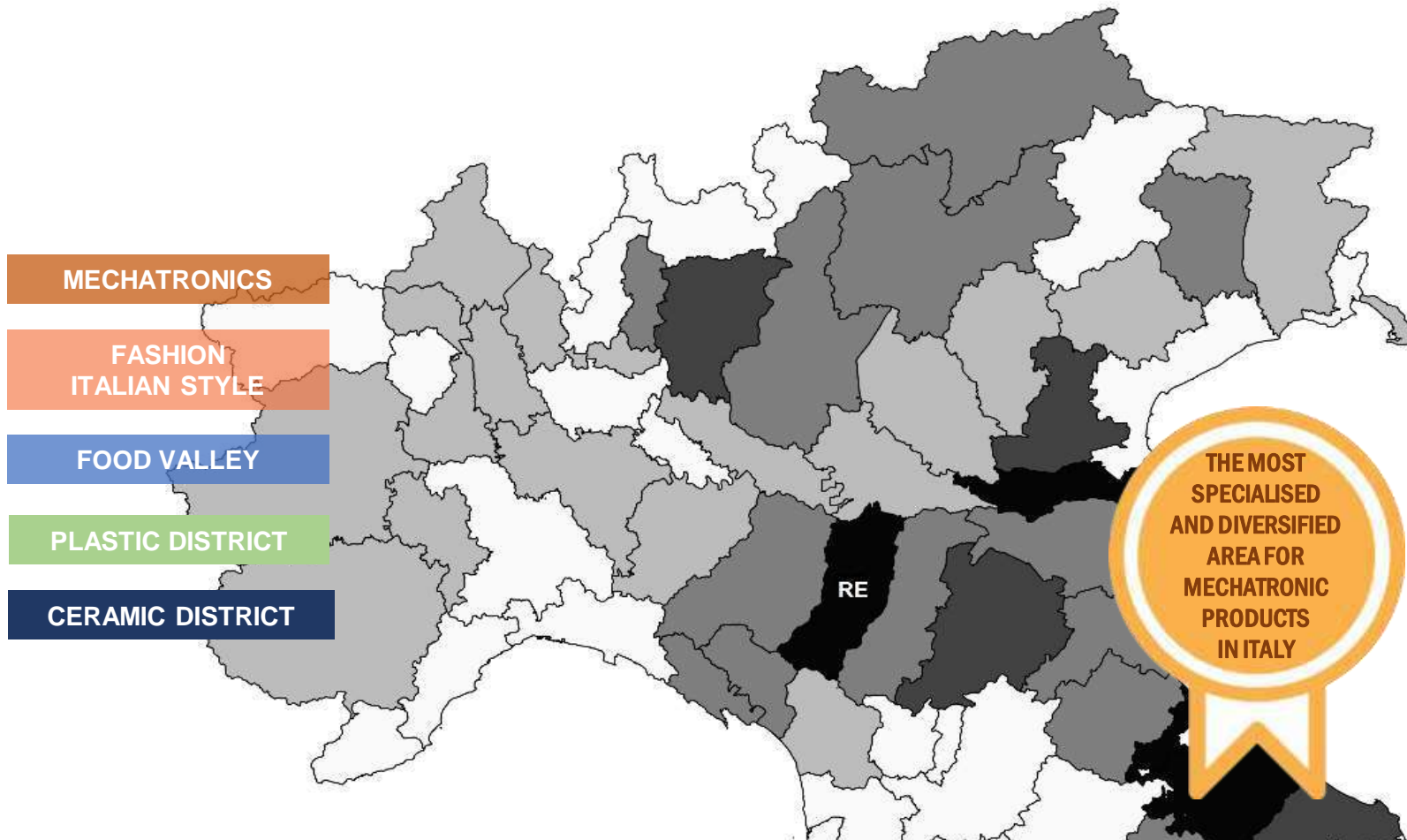
Organization

CONSULTING AND PROJECTS

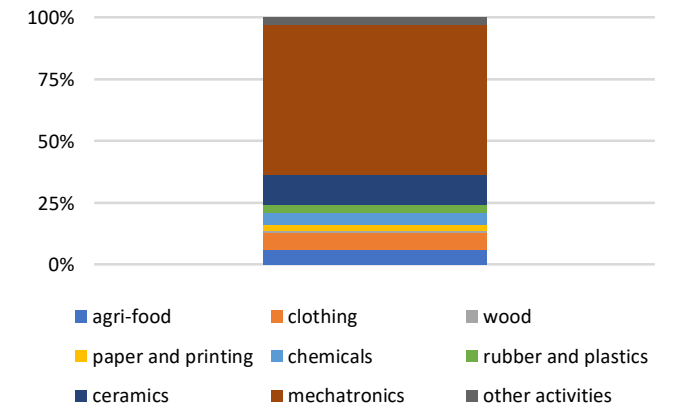
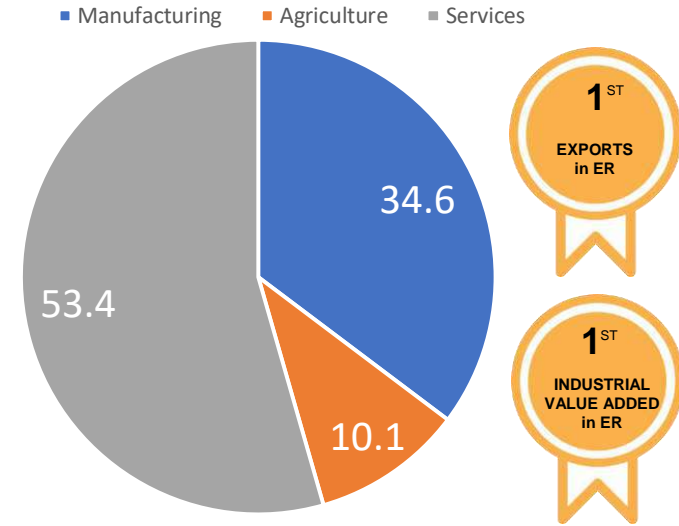


CONTEXT

The Area of Reggio Emilia



Industry Structure (share of Value Added)



DIGITAL DISTRICT

The White Paper initiatives

Territory and infrastructures

- 1) Former Reggiane Area
- 2) City and area
- 3) Greater Emilia Area

Innovation

- 4) Digital Innovation
- 5) Digital Excellence Hub
- 6) Technology Transfer

Education

- 7) Vocational guidance & training
- 8) Updating and retraining
- 9) Relations with the university

Internationalization Services

- 10) Development and basic services
- 11) Youth and international culture
- 12) Confindustria System

DIGITAL DISTRICT

Highly Qualified Human Capital



TECH-UP ACCELERATOR

Startups & Open Innovation
Active since Jan 2021



DIGITAL AUTOMATION LAB

Advanced Manufacturing
Technologies Testing Lab
Active since Jul 2021



UNIVERSITY

Digital University Programs
Next opening 2022-23



HUMAN AND TECHNOLOGY TRAINING CENTER

Industry 4.0
upskilling & reskilling
Active since Nov 2020

ROBO LAB

Educational robotics lab
Vocational guidance
STEAM
Active since Oct 2020



ITS DIGITAL MAKERS

Digital Technicians for the
manufacturing industry
Active since Sep 2021



DIGITAL DISTRICT

Educational Ecosystem

SECONDARY SCHOOL

A total of **1,300 students** each year receive a school-leaving certificate in technical fields



ITS AND IFTS VOCATIONAL SCHOOL

Four **post-secondary paths** which offer highly qualified training to immediately enter the world of work



UNIVERSITY EDUCATION

The Department of Sciences and Methods for Engineering conducts research, training and technology transfer.



EARLY CHILDHOOD EDUCATION

1ST
EARLY CHILDHOOD EDUCATION IN THE WORLD



STEAM EDUCATION

Robolab is an innovative education environment where primary and secondary school students can use robots.

STEAM EDUCATION

The **Human and Technology Training Center** is a large, innovative training environment featuring next-gen technology.

Source: Newsweek

DIGITAL DISTRICT

The current “temporary” locations



ROBO LAB



DIGITAL DISTRICT
REGGIO EMILIA
powered by Unindustria



TECH-UP
ACCELERATOR



HUMAN AND TECHNOLOGY
TRAINING CENTER



ITS - DIGITAL MAKERS



DIGITAL AUTOMATION LAB

DIGITAL DISTRICT

The Reggio Emilia Digital Excellence Hub in the Innovation Park

Founding entities

Digital District: Robolab, Tech-Up Accelerator, Human & Technology Training Center, Digital Automation Lab, ITS Digital Maker

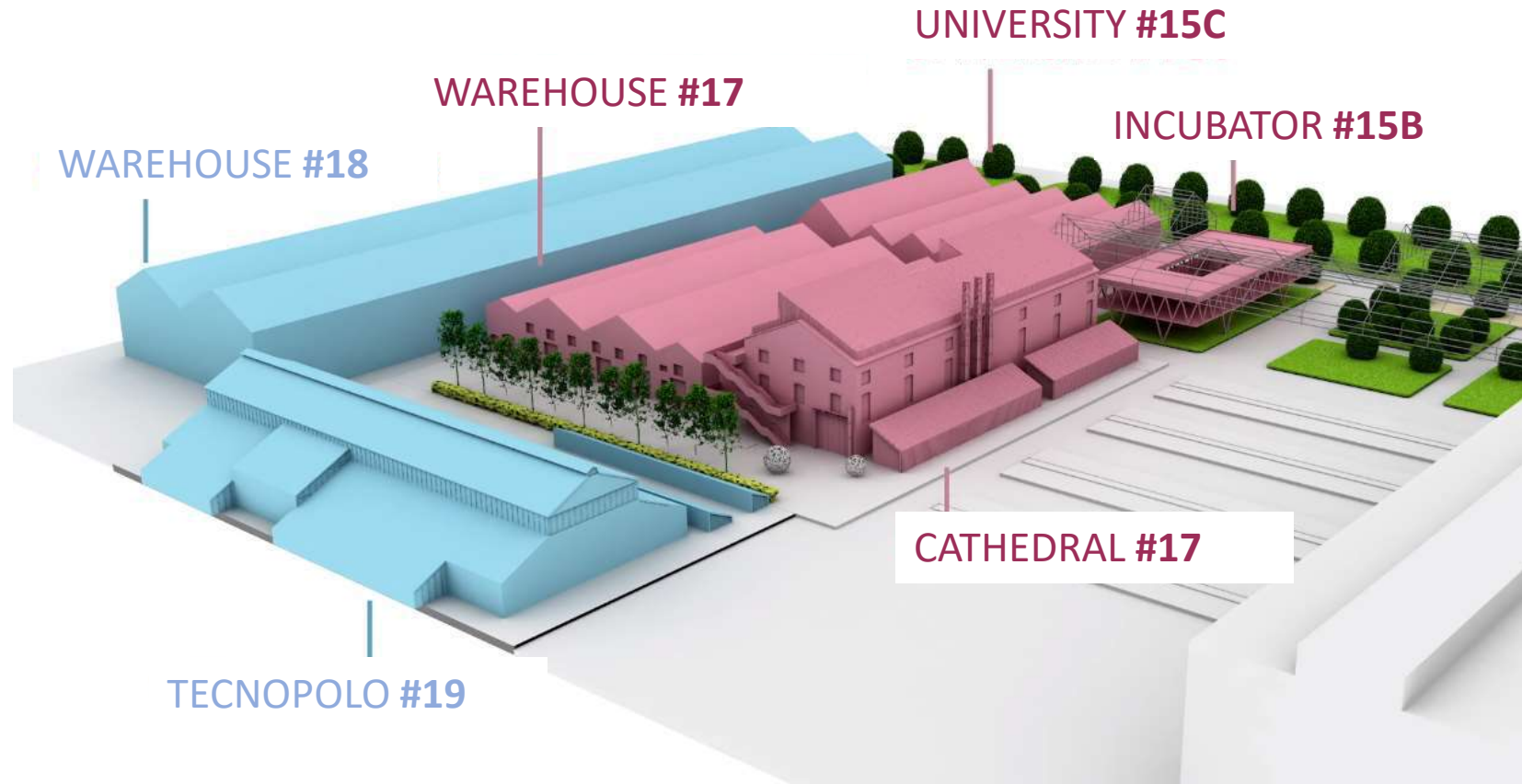
UNIMORE: digital university degrees

Collateral entities:

Businesses, research centers, service sector, laboratories (Warehouse #18)

The institutional entity

Tecnopolo Rete Regionale Alta Tecnologia





WHY SCENARIO

Nationally: mismatch between the employment needs of companies and the currently present workforce.

In the Reggio Emilia area: low unemployment rate with consequent difficulty in finding human resources.



WHAT PROJECT

Virtuslab*RE: comes from the joint initiative between the Augurusa Foundation and Unindustria Reggio Emilia with the aim to enhance the human capital needed by local companies. The project aims to train and employ 3000 suitable profiles over 3 years by providing free skill-certified training courses.



HOW PILLARS

Through a participatory planning model, to identify strategic and operational actions, such as:

- **recruitment and selection**
- **professional training**
- **co-living platform, social inclusion and job placement**

The project sustainability involves stakeholder support with in-kind contributions and Forma.temp financial support



WHO PROMOTERS

The **Foundation** deals with education and social inclusion through charitable initiatives, along with creating high social impact models on a global scale.

Unindustria is a reference point for businesses and an element of propulsion for the development of the Reggio Emilia territorial system.



HR SOLUTIONS AGENCIES STRATEGIC PARTNERSHIPS

VirtusLab*RE's operating model is based on **stakeholder engagement**: companies, institutions, dioceses and organisations interested in achieving the goal. Our proposal to the employment agencies is to forge a partnership for HR selection, financing of training processes, and job placement.

STRENGTHS



LEARNING BY
DOING



CO-LIVING
COMMUNITIES



JOB FORUM
TEAMS IN 226
DIOCESES



MIXED REALITY
TRAINING
SOLUTIONS



NETWORK OF
ASSOCIATED
ENTERPRISES



DIGITAL DISTRICT



8 DECENT WORK AND
ECONOMIC GROWTH



10 REDUCED
INEQUALITIES

We directly contribute to the achievement of the Sustainable Development Goals.