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**WORLD MANUFACTURING WEEK
2020**

Manufacturing: Why Invest in Italy

**Italian Regional Manufacturing excellence presented at the
WMW by ITA – Italian Trade Agency in collaboration with
Invitalia**

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SIKELIA REGIONAL INNOVATION HUB

Sicily for Innovation and Knowledge at European and international Level
through artificial Intelligence and enabling digital technologies & systems 4.0

Francesco Pinelli

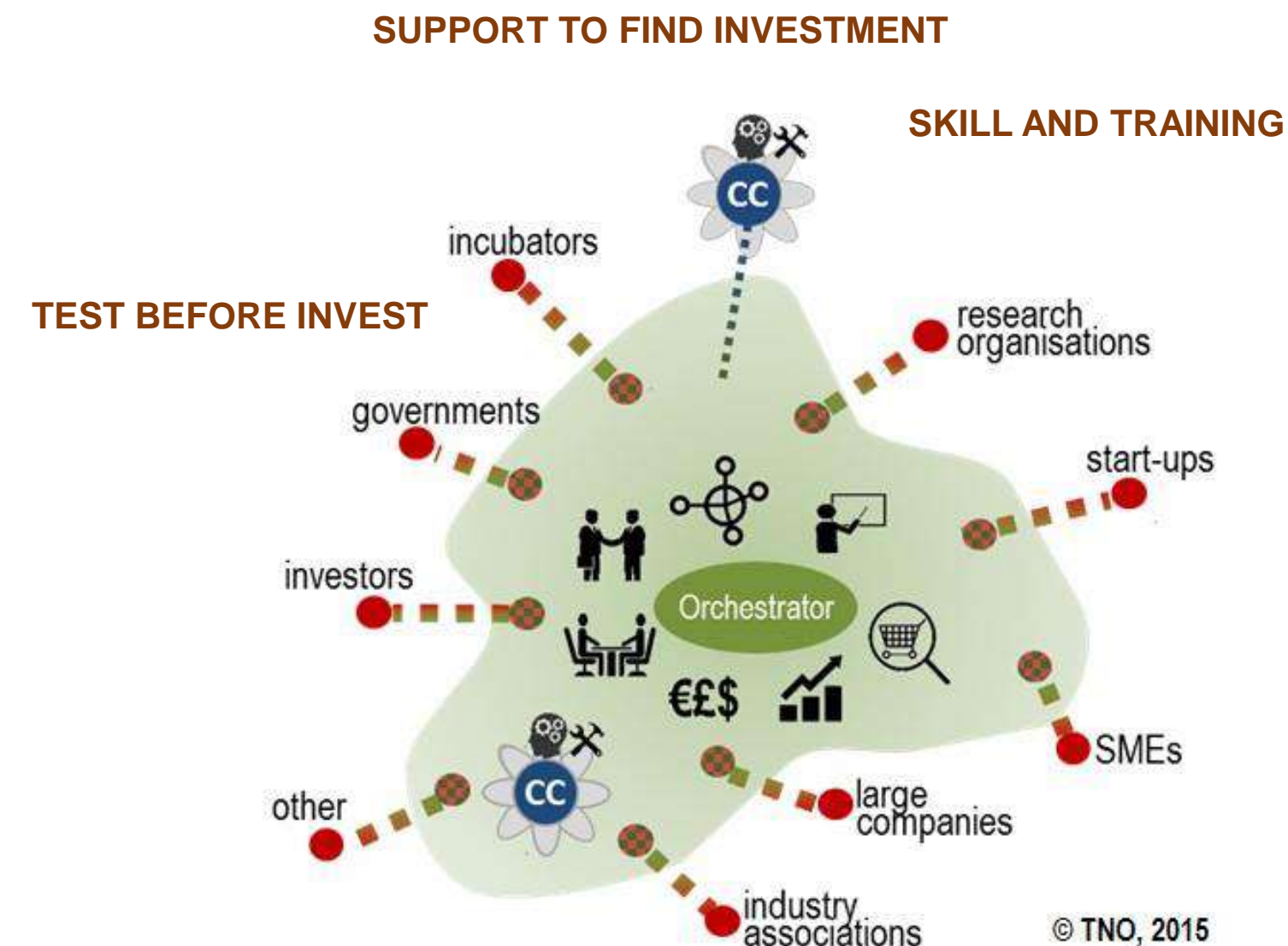
Region of Sicily, Department for Economic Development
Executive responsible for the implementation of the
Smart Specialization Strategy S3 Sicily



KEY FACTS AND FIGURES

A European Digital Innovation Hub in Sicily

- Objective and distinctive feature : The innovation ecosystem model of **Sikelia** brings together key-players (public and pvt) in **Net SW, ecommerce, virtual farms&labs, telepresence, artificial and augmented reality, e-learning, digital services, digital PA, smart mobility, south-working.**
- Location: Sicily (Catania and Palermo)
- Area / field of Innovation: **artificial intelligence and enabling digital technologies & systems 4.0.**
- Target investment: **digital industrial partnership.**
- Investors: **Venture Capital; Competence Center in the field of AI & digital technologies 4.0.**
- Goals: The goals are to identify and interact with key innovators - startups, technical network, academics, - helping to develop science-based disruptive Innovation (I5.0) within the 4 pillars of the «European Digital Innovation Hubs» (EDIHs): 1) Test before invest, 2) Support to find investment, 3) Skill and training 4) Innovation ecosystem and networking.





BUSINESS ENVIRONMENT

Key-players: *Research Factory and Network of 85 local key-players (public & pvt);*

*PSTS (Parco Scientifico e Tecnologico Sicilia) – Regional consortium to support scientific and technological research in Sicily

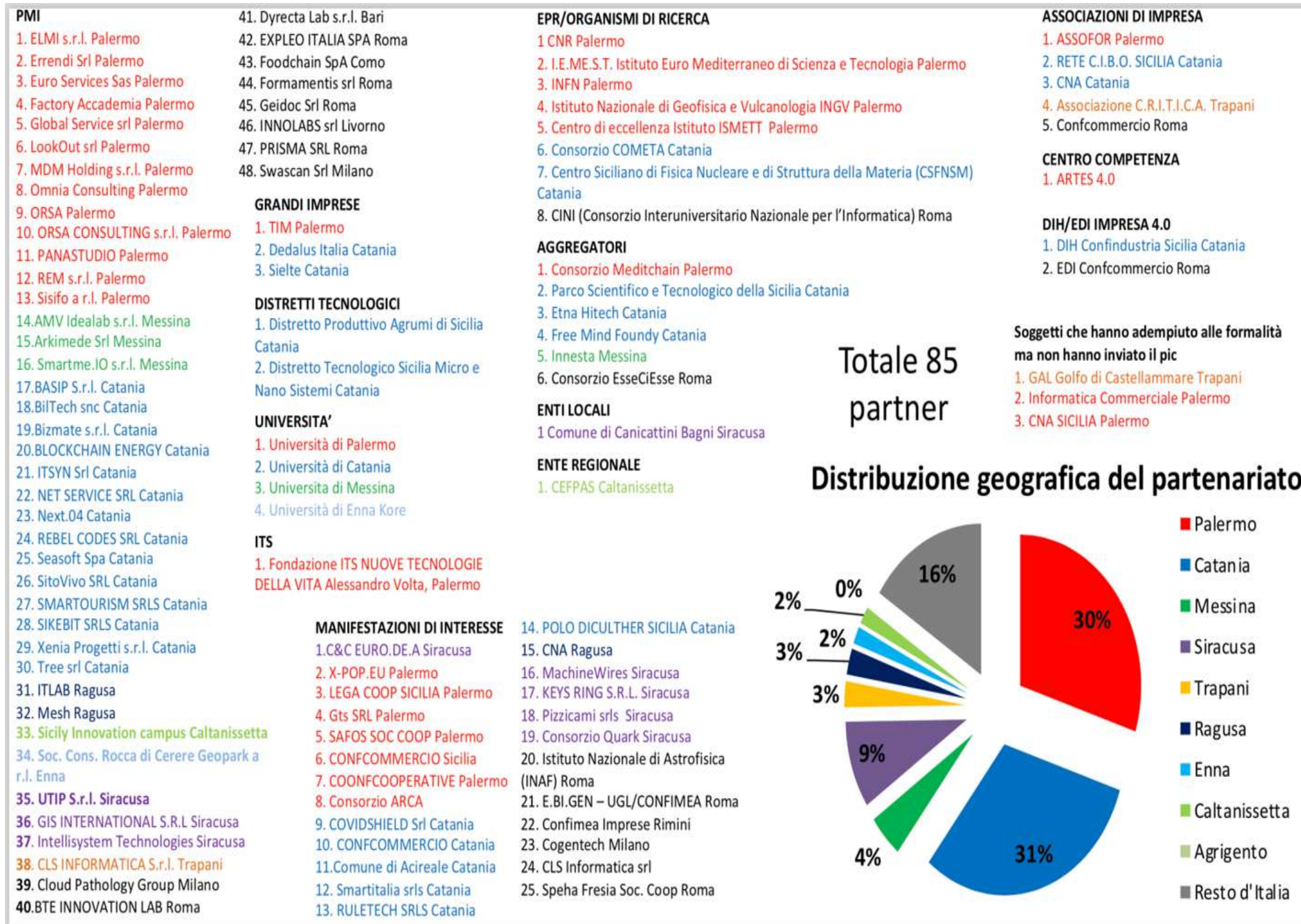
*ARTES 4.0 – High Specialization Competence Center “on advanced Robotics and enabling digital Technologies & Systems 4.0”

*Universities of Catania, Enna Kore, Messina and Palermo

*INFN (Istituto Nazionale Fisica Nucleare) - Plays a leading role in fundamental research and development of advanced technologies for industry in the areas of ICT, Smart Cities, e-Government, e-Health, environmental sustainability, Cultural Heritage e Smart Manufacturing.

*CEFPAS – Regional center to support education and training of health regional service

*DIH Sicilia – Il Digital Innovation Hub Sicilia





LOCATION ADVANTAGES

Advantages

1) access point to Innovation & Business in Sicily

- **Sikelia** is a Research factory «turnkey» with a widespread presence in the Sicilian territory (Catania and Palermo). It helps companies to interact with 85 local key-players (public & private actors);

2) Access point to regional policies /funds/opportunity of R&I

- The Region of Sicily provides financial support through the European Structural and Investment Funds to invest in research, technological development and innovation, to improve the competitiveness of small and medium size businesses, to promote the development of information and communication technologies.

3) Sicily must be the place because...

..... **INNOVATION SPRINGS FROM THREE MILLENNIA OF HISTORY**





FURTHER INFORMATION

The Sicilian Research and Innovation Smart Specialisation Strategy (RIS3) within the current EU Programming Period 2014-2020 “S3 Sicilia 2014-2020” has identified the following thematic areas of innovation:

- Agrifood
- Tourism- Heritage (Culture)
- Life Sciences
- Smart Cities & Communities
- Energy
- Blue Growth

Agroalimentare



Turismo, Cultura e Beni Culturali



Scienze della Vita



Smart Cities & Communities



Energia



Economia del Mare



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THANK YOU

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