

"SICILIAN MICRONANOTECH RESEARCH AND INNOVATION CENTER"

DIGITAL, INDUSTRY & SPACE



TARGET:

Ecosystem for Innovation SAMOTHRACE has the ambition to leverage the consolidated vocation of the Sicilian territory in the area of microelectronics e micro-and nano technologies to bring this to a higher and more diffuse level that can have a significant and tangible impact over the industrial scenario of the island and over the whole society.

The whole set of activities in fact builds around the fil rouge of micro-and nano technologies, microelectronics, materials, microsystems and devices, cumulating methodologies and applications toward six major areas such as: energy, health, smart mobility, environment, cultural heritage and smart agriculture. Therefore, the ambition and the vision that SAMOTHRACE will have an impact well beyond the sole industrial perimeter. SAMOTHRACE focuses on the European Commission global challenge “Digital, Industry & Space”, but it also addresses other challenges as “Health”, “Energy & Mobility”, “Agriculture & Environment”. As it will be detailed in the following, SAMOTHRACE will operate in accordance with most of the “Global Sustainable Development Goals”: improving sustainable agriculture, ensuring healthy lives, achieving gender equality and inclusion, providing modern energy for all, promoting sustainable growth, supporting sustainable industrial growth.

SECTION PARTNERS

TOTAL NO. OF PARTNERS: 25

Proposer: Università di Catania

Participants

PUBLIC SUBJECTS

Universities

- Università KORE di Enna
- Università di Messina
- Università degli Studi di Palermo

Research Institutes

- Consiglio Nazionale delle Ricerche
 - Consiglio per la ricerca in agricoltura e l'analisi dell'economia agraria
 - Istituto Nazionale di Fisica Nucleare
 - Istituto Nazionale di Geologia e Vulcanologia
 - Istituto Ortopedico Rizzoli
-

PRIVATE ACTORS:

Research Organisations

- Fondazione Bruno Kessler

Companies

TopNetwork S.p.a.

Etna Digital Growth s.r.l. (EDG)

STLabs

Quantum Leap IP – Divisione di Infinity Edge srl

UPMC Italy

Etna HiTech S.C.p.A.

STMicroelectronics S.r.l.

Meridionale Impianti s.p.a.

Power Evolution

Engineering Ingegneria Informatica S.p.A.

Bcame s.r.l.

LPE s.p.a.

Xenia Progetti s.r.l.

Rainshow s.r.l.

Advanced Medical Engineering Devices

SPOKE

Spoke n. 1 - "Innovation through microelectronics, mycrosystems and materials - ITM3"

Leader spoke: Università di Catania

Spoke members:

- Consiglio per la ricerca in agricoltura e l'analisi dell'economia agraria
- Università KORE di Enna

Spoke n. 2 - "Advanced Sensors and Systems - ADSeS"

Leader spoke: Università di Messina

Spoke members:

- Università di Messina
- Fondazione Bruno Kessler (FBK)

Spoke n. 3 - “ Micro and Nanotechnologies for Smart & Sustainable Communities - S2 – COMMs”

Leader spoke: Università di Palermo

Spoke members:

- Università di Palermo
- Università KORE di Enna

Spoke n. 4 - Mi“Microsystems based routes to innovation - MiSteRi”

Leader spoke: Centro Nazionale delle Ricerche

Spoke members:

- Centro Nazionale delle Ricerche,
- STLabs,
- Istituto Nazionale di Geologia e Vulcanologia
- LPE s.p.a.

Spoke n. 5 - “ Micro-Accelerator and Detectors for Innovation adn Sustainability - MADE4IS”

Leader spoke: INFN

Spoke members:

- Istituto Nazionale di Fisica Nucleare
- Università di Catania
- Università di Palermo

Spoke n. 6 - “Microelectronic based technologies - MicTex”

Leader spoke: STMicroelectronics

Spoke members

- STMicroelectronics

Spoke n. 7 “Industrial & ICT Innovations - I 3”

Leader spoke: Meridionale Impianti s.p.a.

Spoke members:

- Meridionale Impianti s.p.a.
- Engineering Ingegneria Informatica S.p.A.
- Bcame s.r.l.
- Power Evolution, Rainshow s.r.l.
- TopNetwork S.p.a.
- Xenia Progetti s.r.l.
- Etna HiTech S.C.p.A.

Spoke n. 8 “Medical oriented Technologies - MedTex”

Leader spoke: UPMC Italy

Spoke members:

- Istituto Ortopedico Rizzoli
- UPMC
- Etna HiTech S.C.p.A.
- Engineering Ingegneria Informatica S.p.A.
- Etna Digital Growth s.r.l. (EDG)
- Bcame s.r.l.
- Advanced Medical Engineering Devices

Spoke n. 9 “Route to Innovation R2I”

Leader spoke: Quantum Leap IP – Divisione di Infinity Edge srl

Spoke members:

- Università di Catania
- Università di Messina
- Università Kore di Enna
- Università di Palermo

FINANCIAL DATA (by concession decree)

Total amount: € 138.035.683,46

MUR grant: € 119.000.000,00

Project calls: 17,9% of project amount
