

The R&D of micro/nanotechnologies for prototypes and demo`s of innovative products & smart systems integration











Project Idea	Applied research, product / process development
	of prototypes and demonstration by
	micro/nanotechnologies of innovative materials
	and hi-tech applications

SITEX 45 SRL, BUCHAREST, ROMANIA

Addressed topics

Organization name,

Expertise relevant to multiple topics like of calls

Cluster 4 2025 Call - INDUSTRY

Cluster 4 2025 Call - INDUSTRY two-stage

Cluster 4 2025 Call - DIGITAL - CNECT

Cluster 6 calls 2025

EU INDTECH 2025 Brokerage Event



SITEX 45 SRL

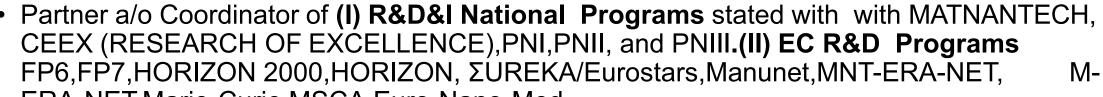








- SME with research industry oriented[activity, with <25 scientific and technical staff
- R&D, Prototyping and microproduction of microsensors/Microsystems MEMS/MOEMS (I)
- Smart systems integration for analytic monitoring instrumentation, assembled electronics(II)













EUIndTech2025 Applied research, product/process development of prototypes and www.indtech2025.ed demonstration by micro/nanotechnologies of innovative materials for hitech applications



Prototyping & demo`s design and development by micro/nanotechnologies including unconventional technologies like:

Laser plasmas, ions or ink ,3D and 4D printing. for microsensors & MEMS/MOEMS,, micro/optoelectronics ,photonics and optics devices ,



Smart systems integration for analytics & monitoring instrumentations for industry,: ICT, environment, health, safe life, new energy sources, circular economy and green mobility



MST/MSN applications for new materials including with tailored properties. as Shape Memory Alloys, photomobile polymers, and carbonic nanostructured materials like: graphene, CNT`s as SWCNT`s & MWCNT`s

The micromanufacturing of biocompatible and multifunctional thin films (piezoelectric, ferroelectric, core/shell structured, ceramic and composites) on special glasses also as the rigid and flex substrates.





Competences / type of partners sought



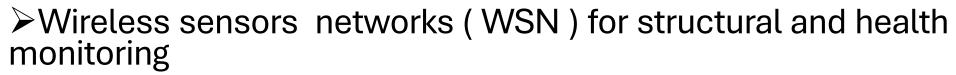
The partners competences into design and development of applications based on integration of innovative products for analytic and monitoring instrumentation like



➤ Microsensors/microsystems MEMS/MOEMS



➤ Photonic and optics devices





The envisaged consortium to join is related at the calls below,

- Cluster 4 2025 Call INDUSTRY
- Cluster 4 2025 Call INDUSTRY two-stage
- Cluster 4 2025 Call DIGITAL CNECT
- Cluster

Cluster 6 calls 2025



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