



NanoFoundries for Fine Analysis NFFA-Europe: The widest range of tools for research at the nanoscale

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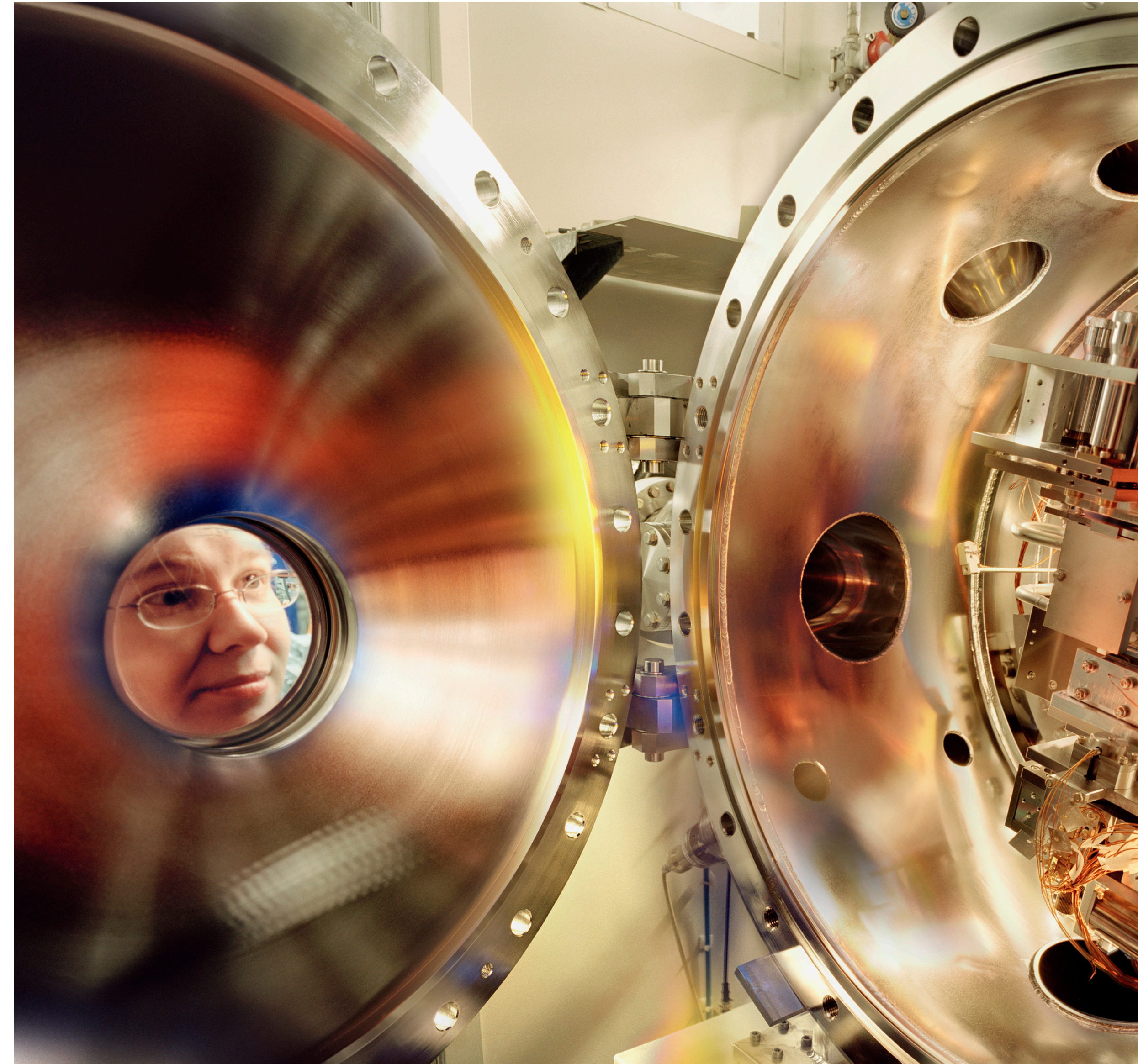


FORTH

INSTITUTE OF ELECTRONIC STRUCTURE AND LASER

**NFFA-Europe is a
distributed research
infrastructure
serving the community of
nanoscience and
nanotechnology**

H2020 GA 654360 & GA 101007417



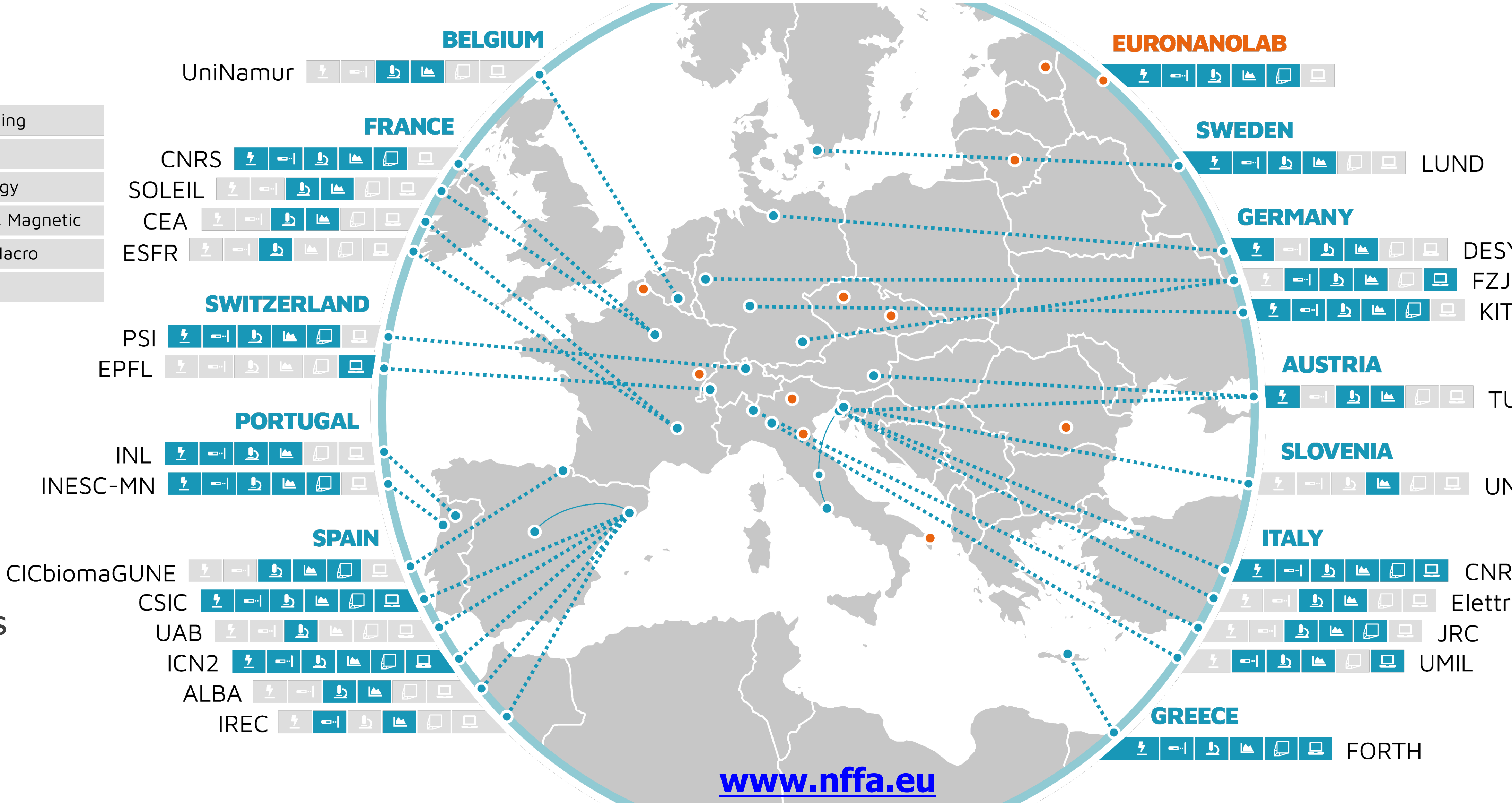
This initiative has received funding from the EU's Horizon Europe framework program for research and innovation

An interoperable distributed research infrastructure

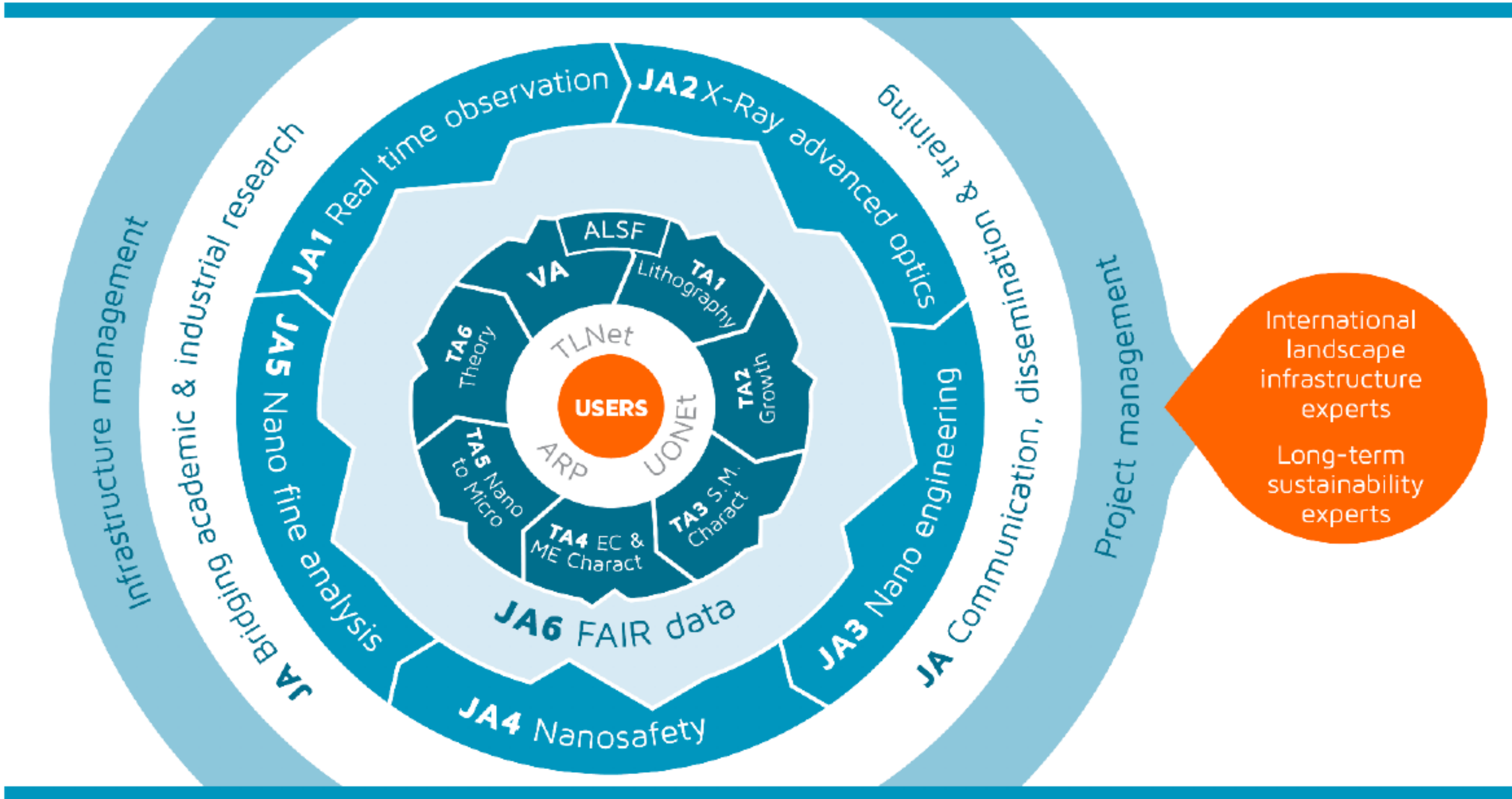
LEGEND

	Lithography & Patterning
	Growth & Synthesis
	Structural & Morphology
	Electronic & Chemical, Magnetic
	From Nano to Micro/Macro
	Theory & Simulation

183 techniques
16 countries
22 partners



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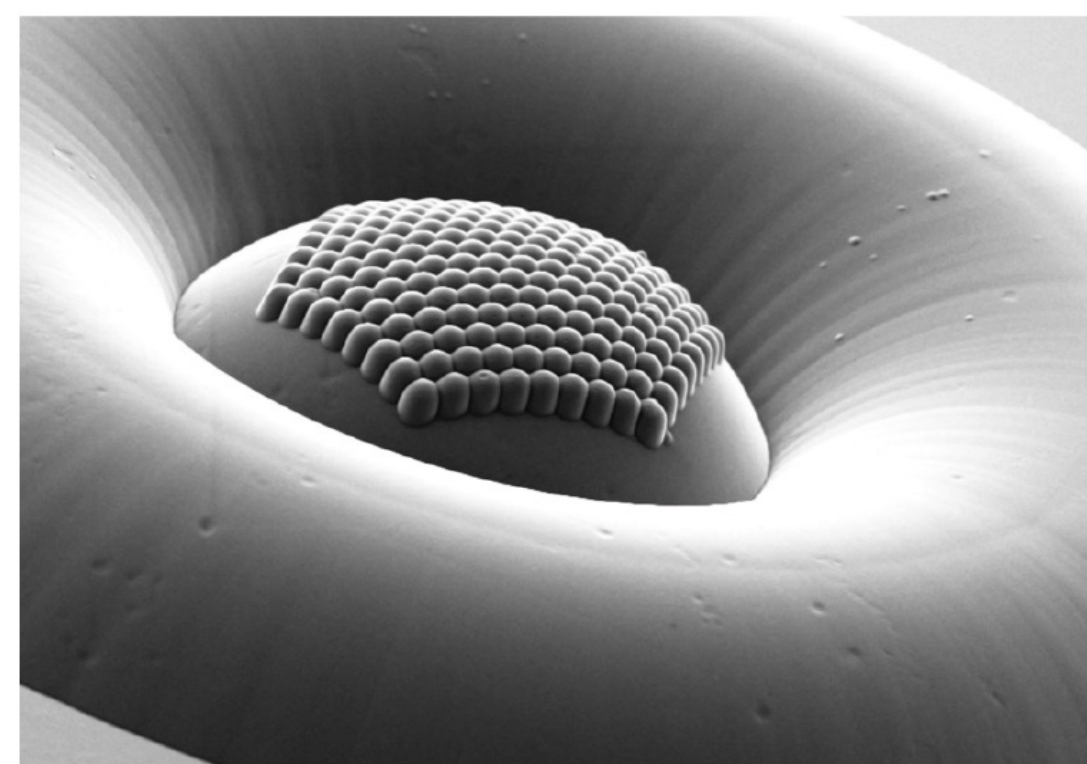


International landscape infrastructure experts
Long-term sustainability experts

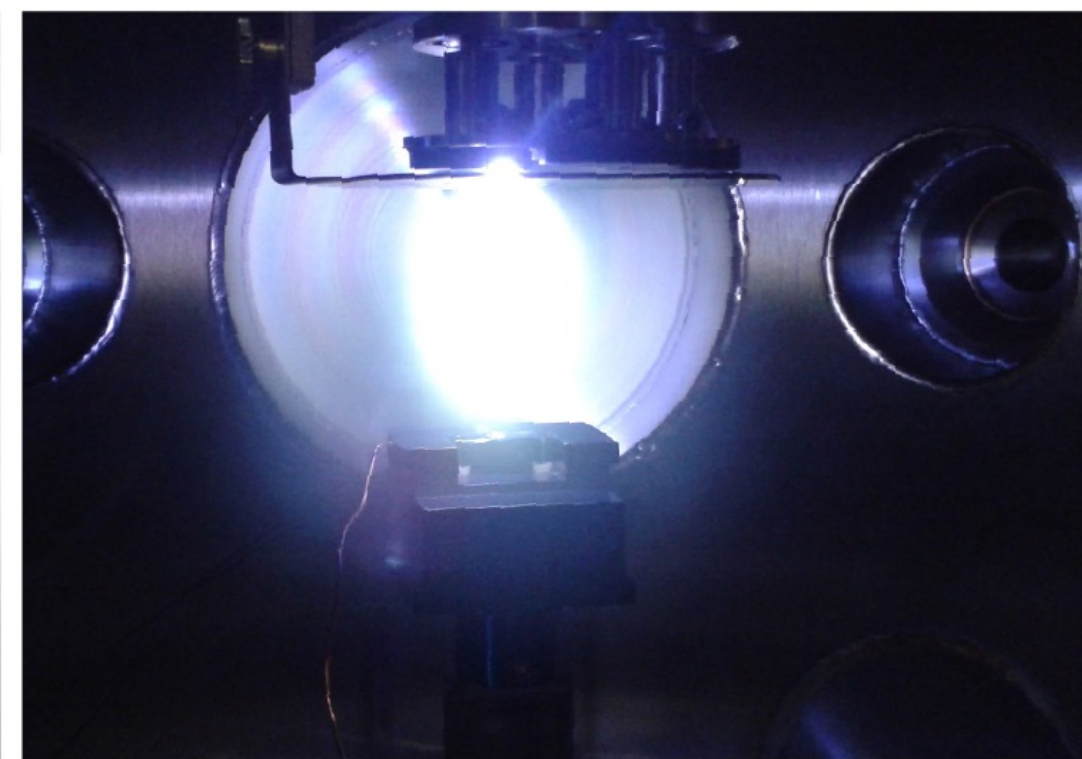


State of the art nanoscience facilities integrated with large scale infrastructures for fine analysis

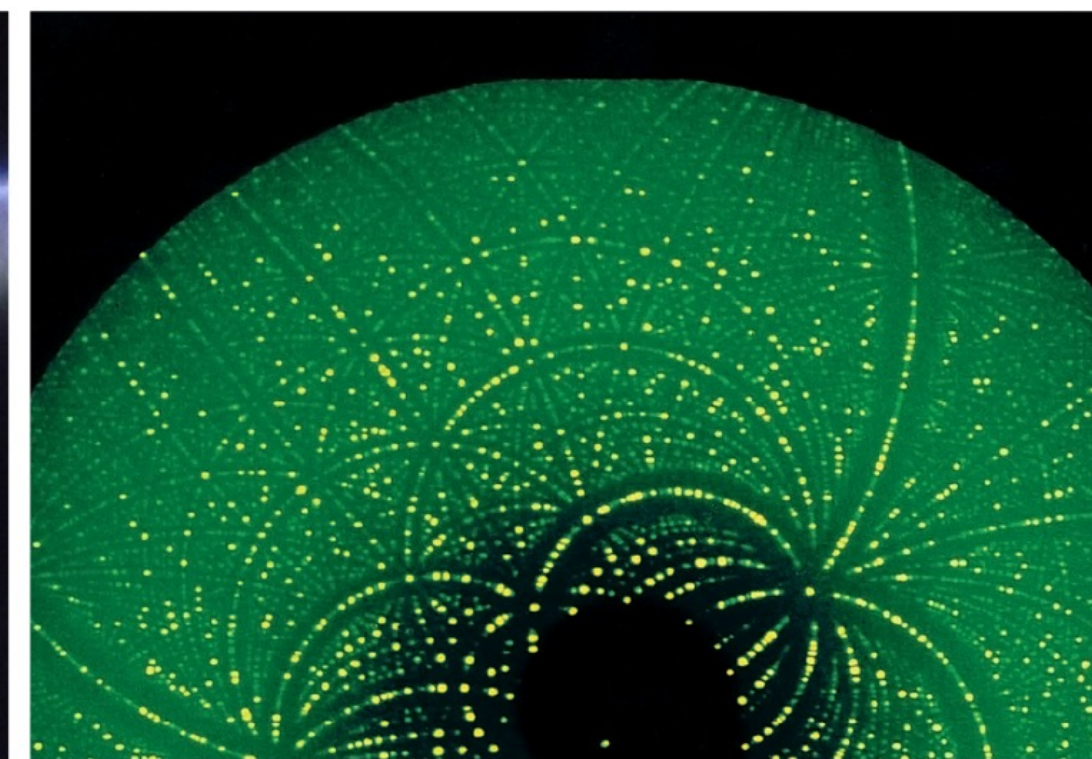
www.nffa.eu



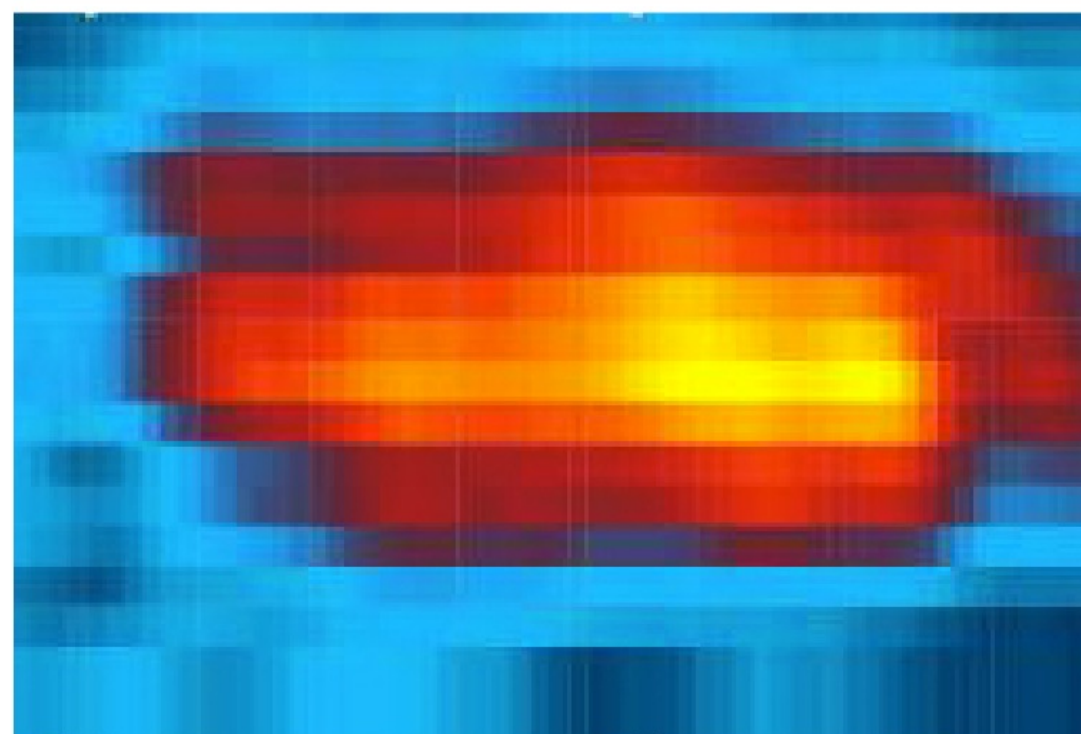
**Lithography
& Patterning**



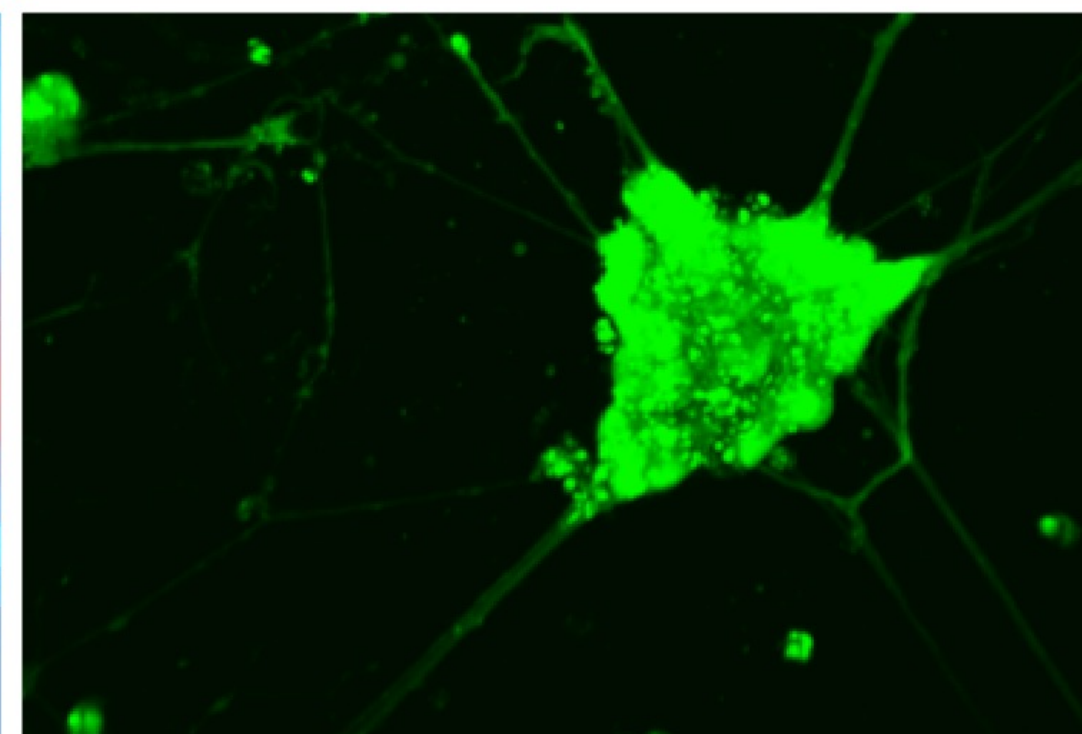
**Growth
& Synthesis**



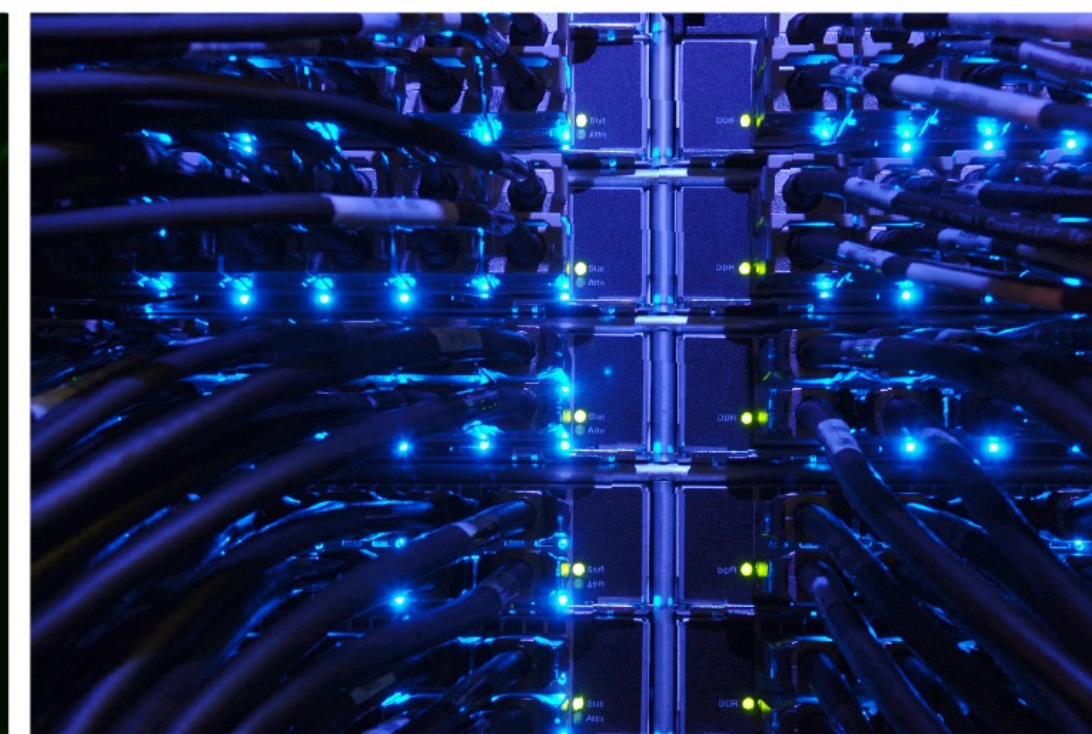
**Structural
& Morphology
Characterisation**



**Electronic &
Chemical, Magnetic
Characterisation**



**From Nano
to Micro/Macro**

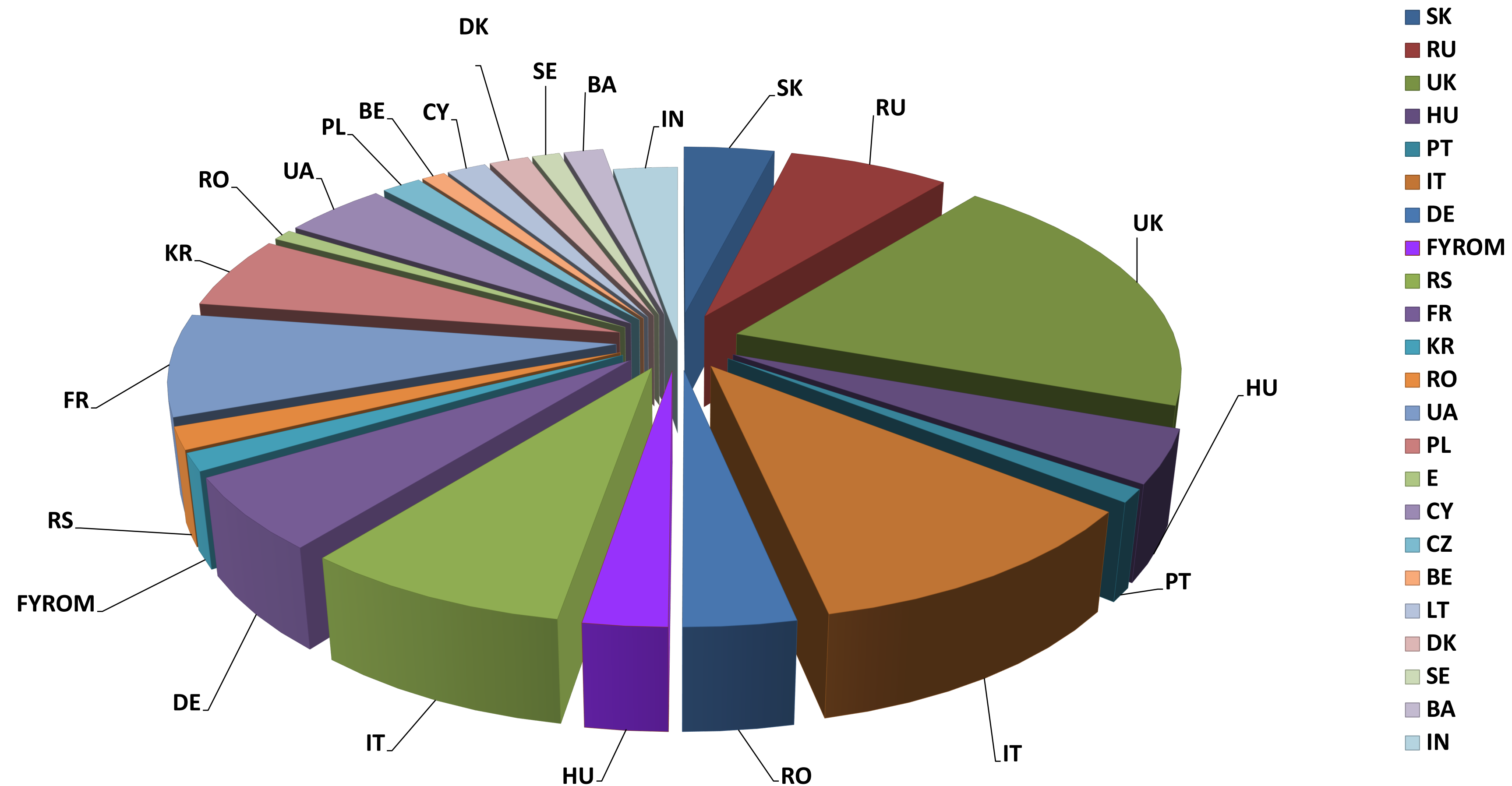


**Theory
& Simulation**



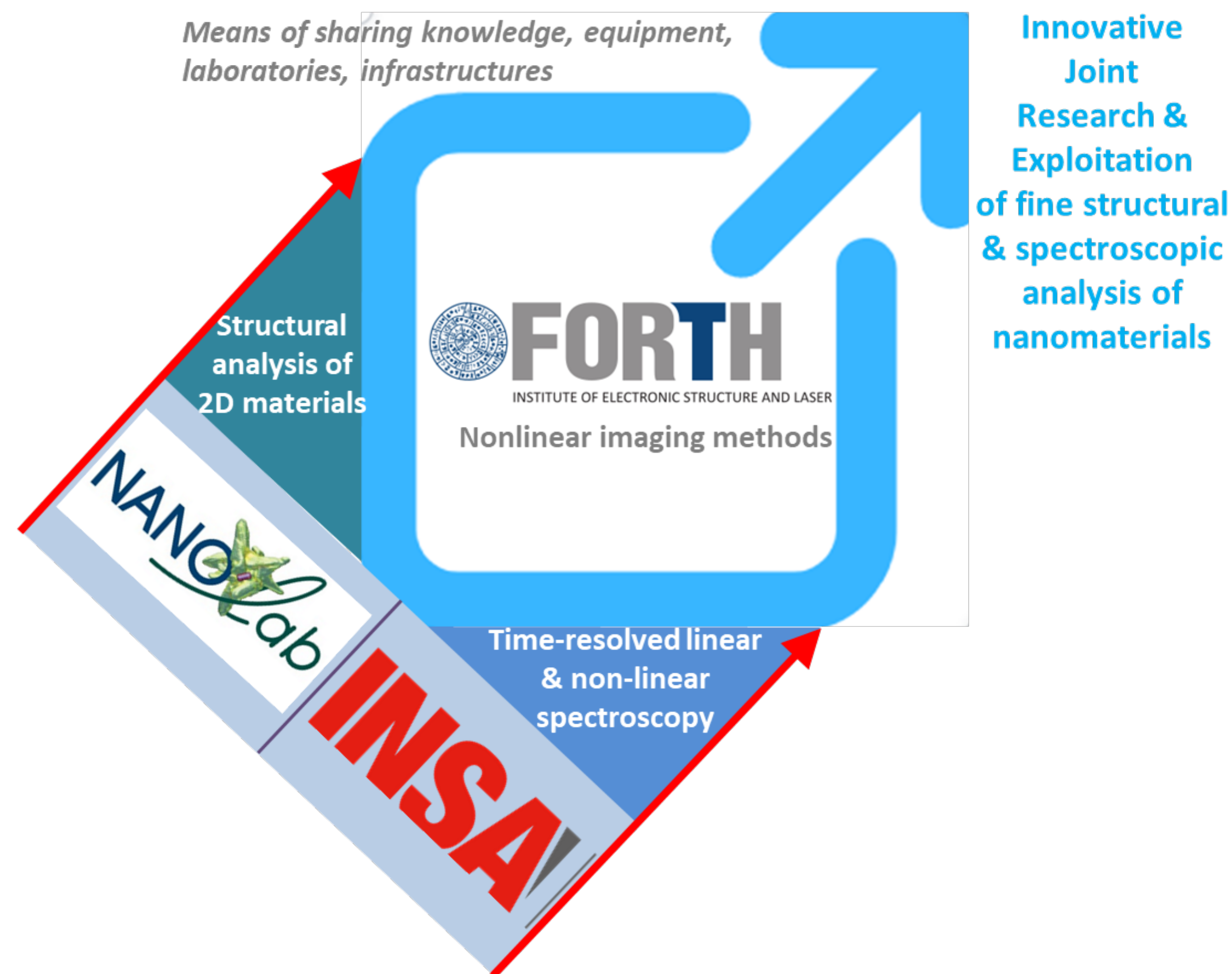
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NFFA–FORTH Facility (Most accessed among NFFA facilities) Access provided during 2015–2021

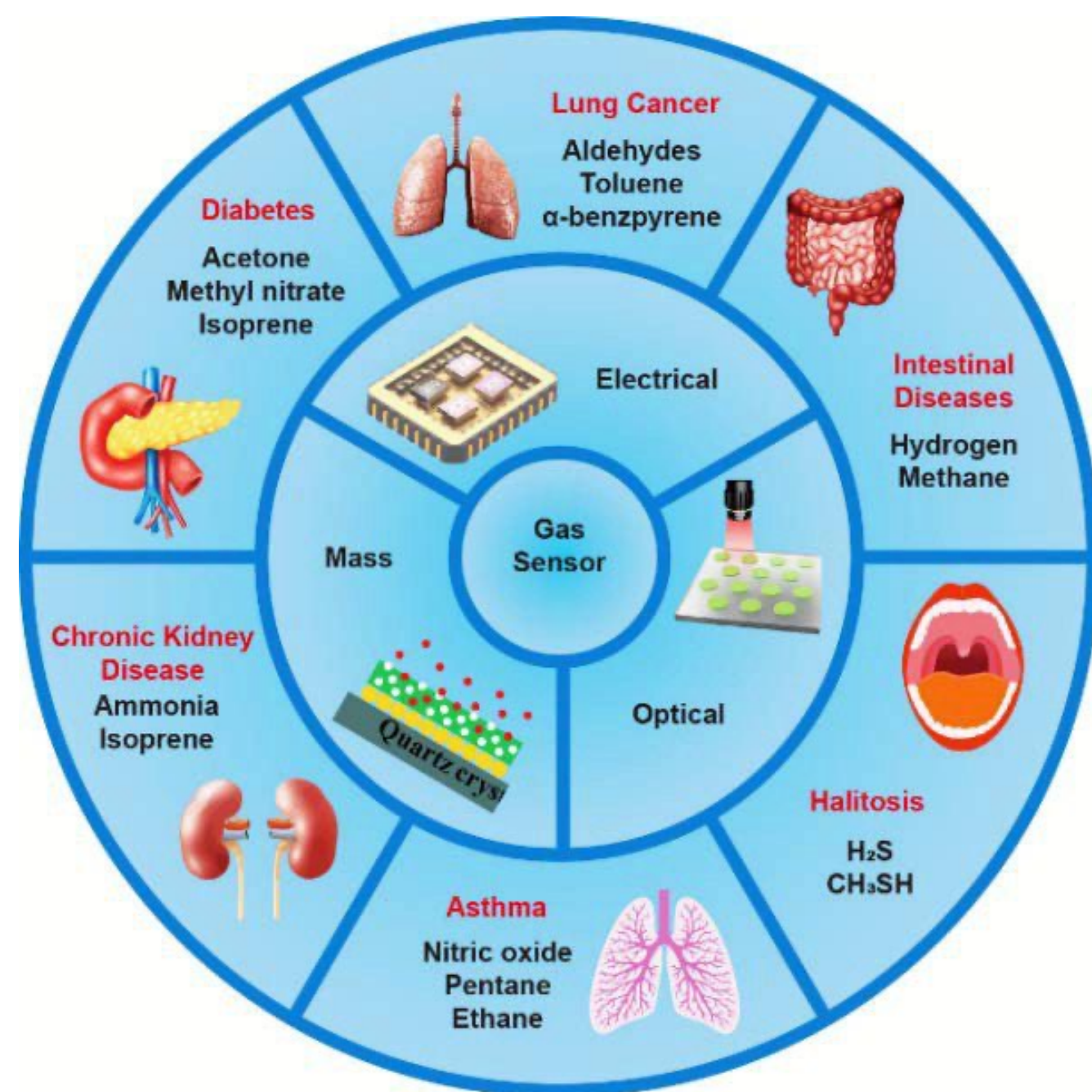


55 projects, **82** researchers from **23** European Research Centers, **627** days of access

DYNAmics and STructural analYsis of 2D materials



BReath Research Interactions and Development via Guidance and Exchanges



Nanomaterials-based gas sensors for breath analysis



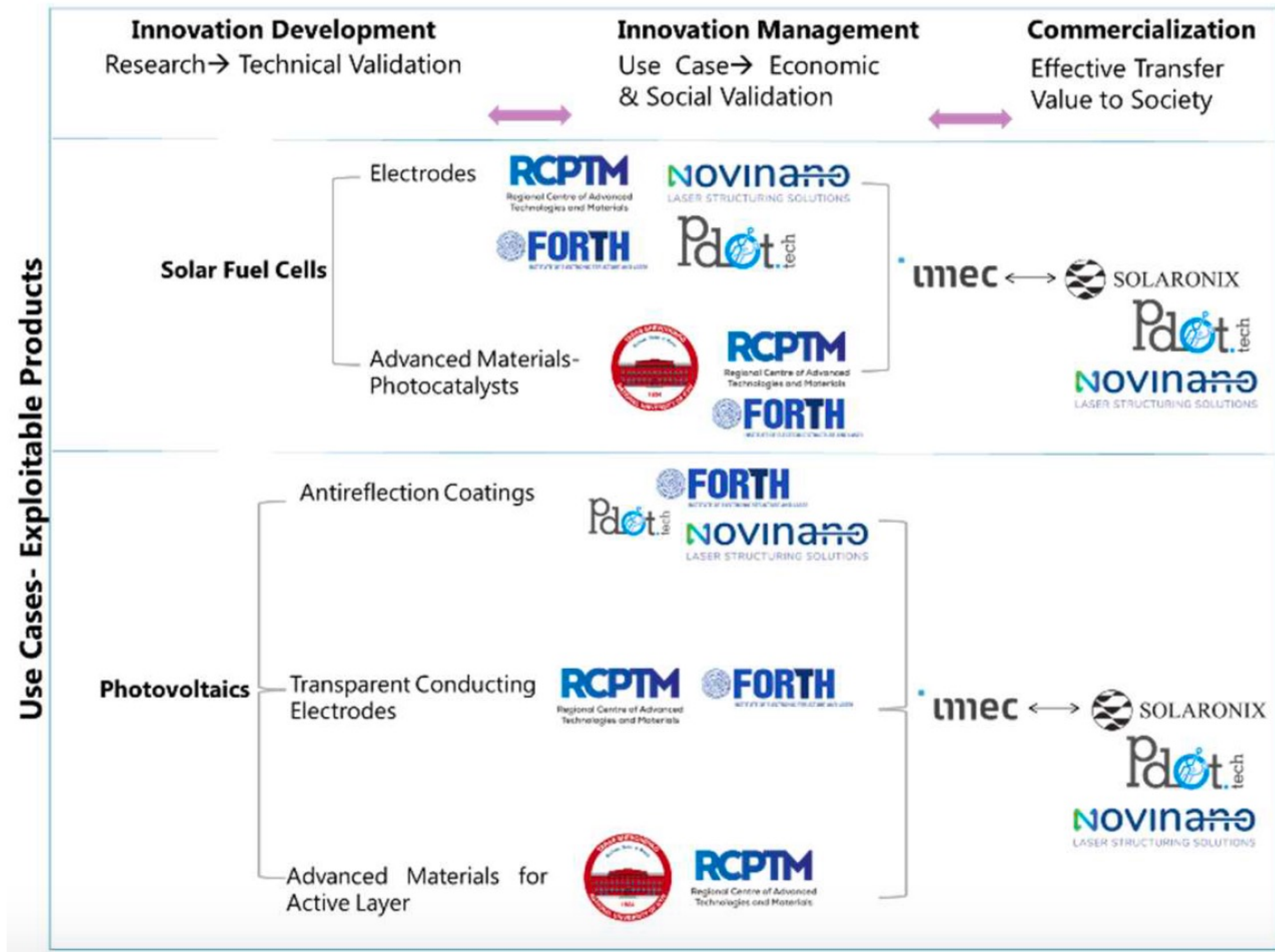
HORIZON-WIDERA-2022-TALENTS-03
(Fostering balanced brain circulation (BBC) - ERA Talents)

101120397 - APPROACH

Advanced Photonic PRocesses for novel sOlar energy hArvesting teCHnologies

No.	Short Name	Participant/Organisation	Country	Type
P1	FORTH	Foundation for Research and Technology - Hellas	Greece	RO
P2	UPOL	Palacký University Olomouc	Czech Republic	RO
P3	IMEC	Interuniversitair Micro-Electronica Centrum, IMEC	Belgium	RO
P4	VAMK	Vamk University	Finland	RO
P5	TSNUK	Taras Shevchenko National University of Kyiv	Ukraine	RO
P6	NOVI	NOVINANO	Ukraine	Company
P7	OHK	Chamber of Commerce of Olomouc District	Czech Republic	Business Organization
P8	PDOT	Printed Electronic Devices of Things (PDoT) P.C.	Greece	Company
P9	SOL	Solaronix S.A.	Switzerland	Company







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Thank you!

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<https://www.iesl.forth.gr/en/research/ULNMP-Group>