

Instituto de Ciencia Molecular

Universitat de Valencia

Small matter for a better life

Advanced molecular materials for real-world impact



We develop advanced molecular and functional materials to address major **challenges**



Energy

Decarbonisation, storage and efficiency



Health

New materials for diagnosis, therapy and drug delivery



Electronics

Performance, miniaturisation and supply challenges



Sustainability

CO₂ capture, realising chemicals from water, circular materials

What we do differently

**Materials innovation starts at
the molecular level**



Multidisciplinary excellence

Inorganic and organic chemistry, theoretical and applied physics, materials science, biology and biochemistry – integrated to turn molecular science into real-world solutions.



Molecular-first approach

We start at the molecular level, enabling precise control of material properties that other approaches cannot achieve



From research to application

We bridge the gap between basic research and applications



Proven track record

Industrial collaborations, licensed patents and spin-offs demonstrate that our research can and has reach the market.

Why choose ICMol

Proven excellence. Proven impact.



Since 2016

Only centre with three consecutive renewals



SOMMa

Only María de Maetzu centre in the Valencian Region

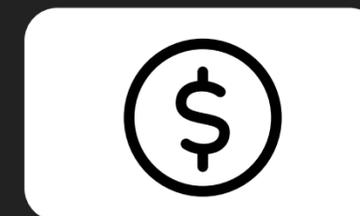


Leader in Nature Index

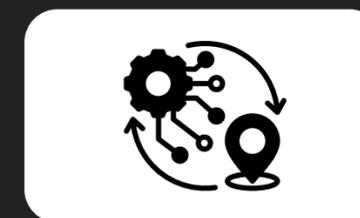


ERC leadership

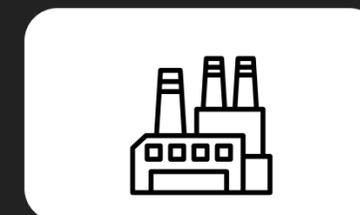
60% of ERC grants at the University of Valencia
6 active ERCs (**5 Proof of Concept**)
17 awarded since 2010



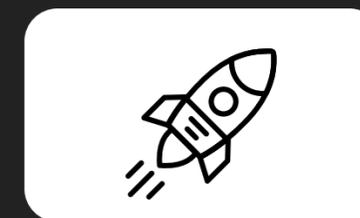
€13M /year in competitive funding
x2 growth over 4 years



€3.2M in technology transfer
last 5 years

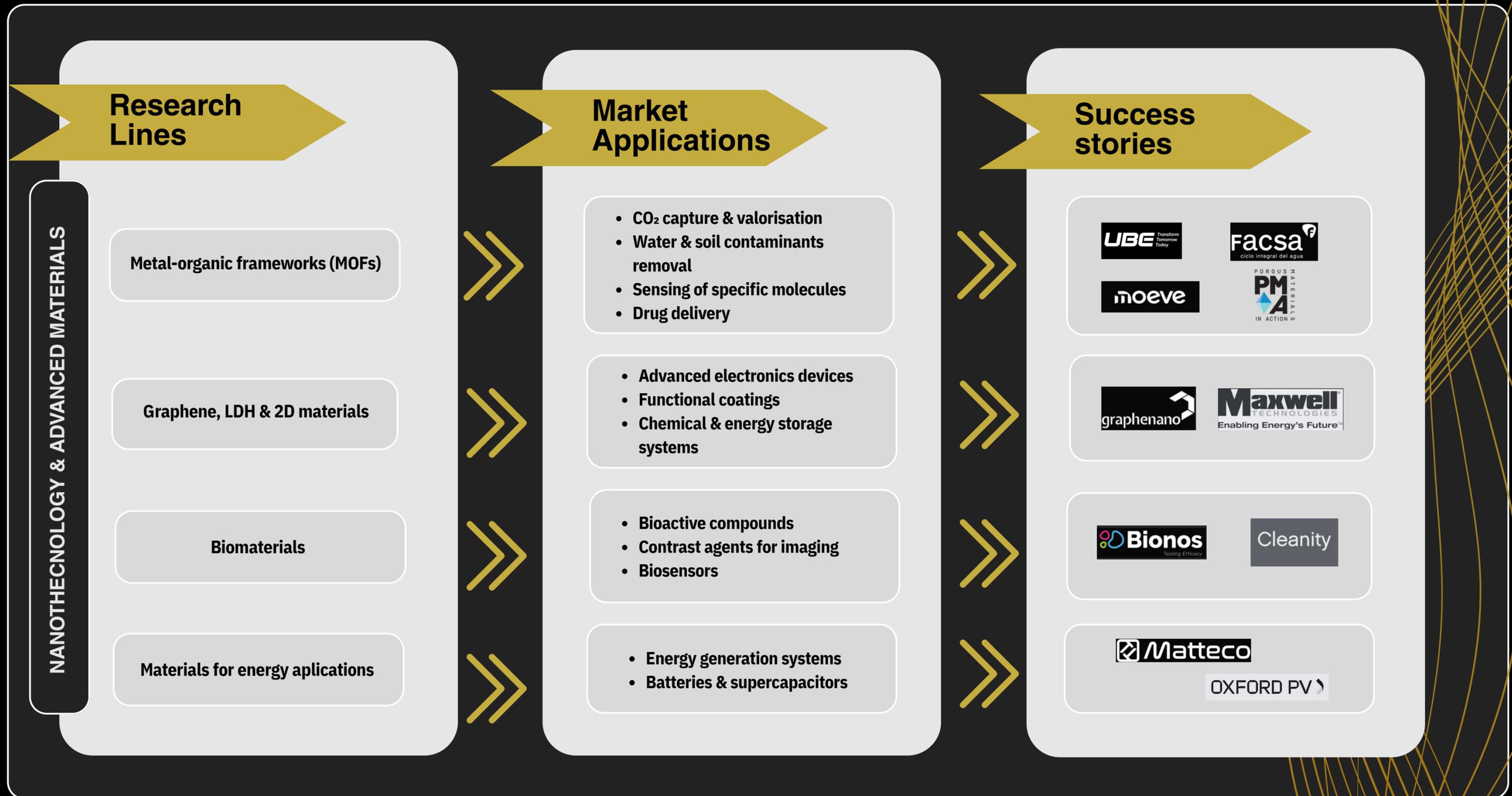


60+ industrial transfer contracts

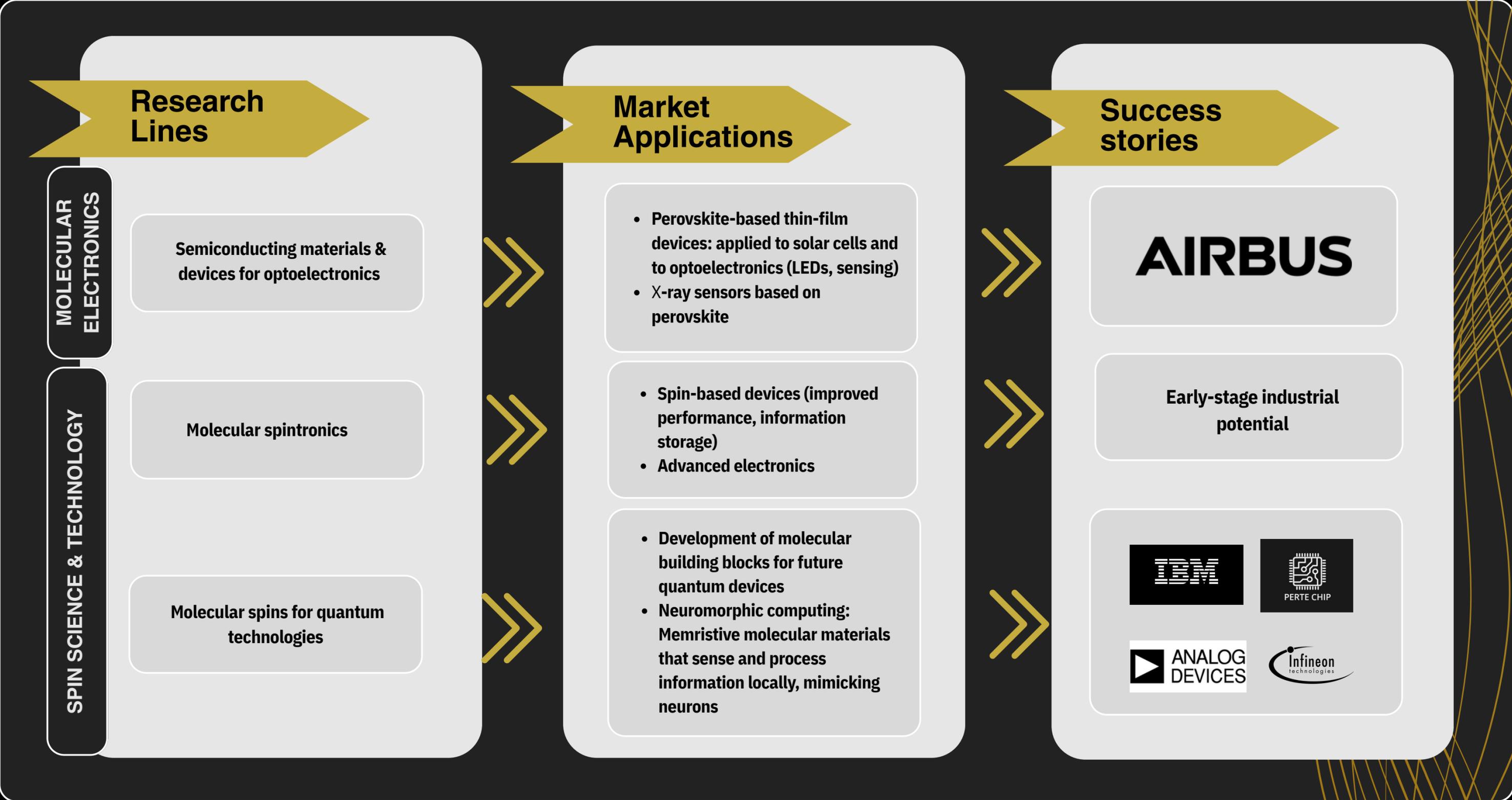


14 licensed patents
4 spin-offs launched

From research market to impact



From research market to impact



How we collaborate Corporations

**We reach lab and early-scale
validation in-house**



01 What we offer

- Collaborative R&D aligned with industrial challenges
- Access to cutting-edge molecular materials and technologies validated at lab and pilot scale
- Multidisciplinary research teams and protected IP
- Advanced materials characterization across chemical, structural and functional properties
- Access to pilot-scale and scale-up laboratory facilities to validate technologies beyond proof of concept

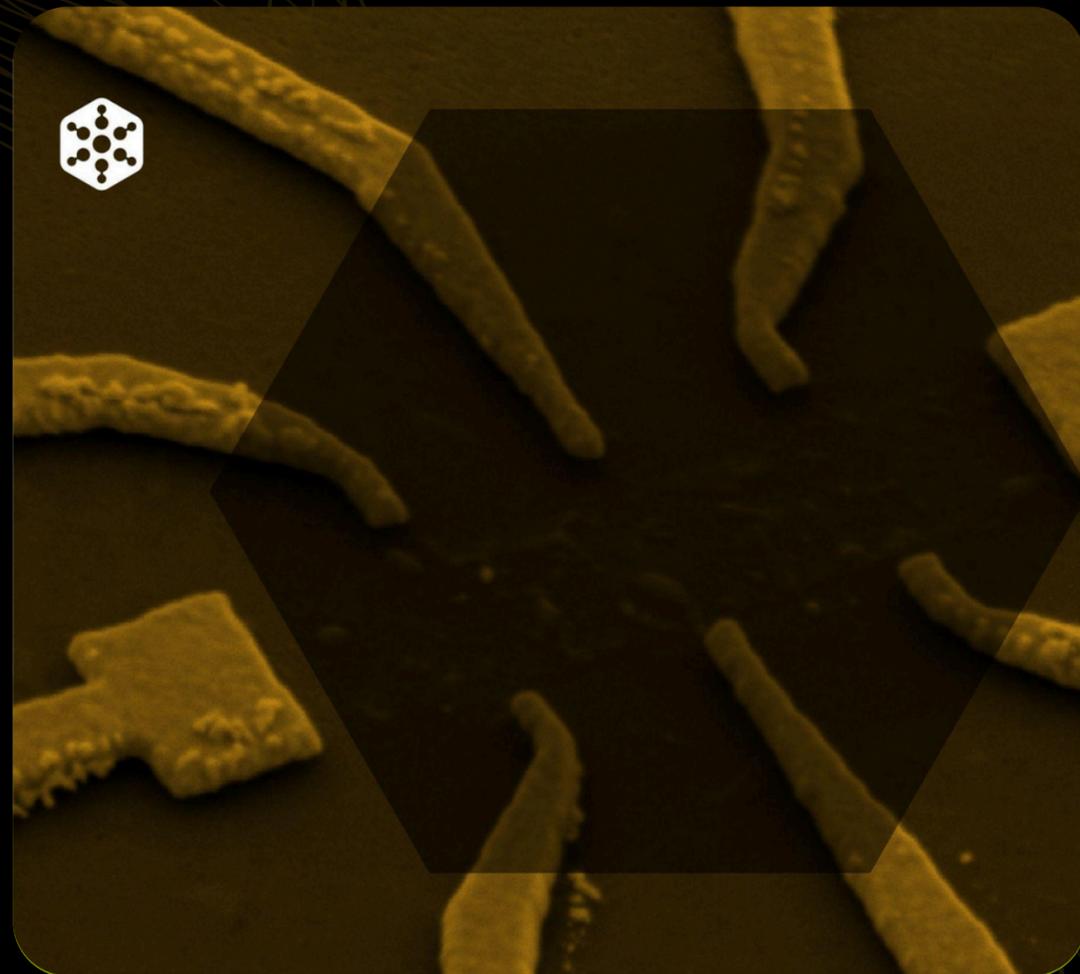
02 What we look for

- Clear use cases and technical challenges
- Industrial partners to carry out pilots and demonstrations in real environments
- Long-term partnerships to scale technologies beyond the lab

How we collaborate

Investors

Great science is not enough
We help turn it into ventures

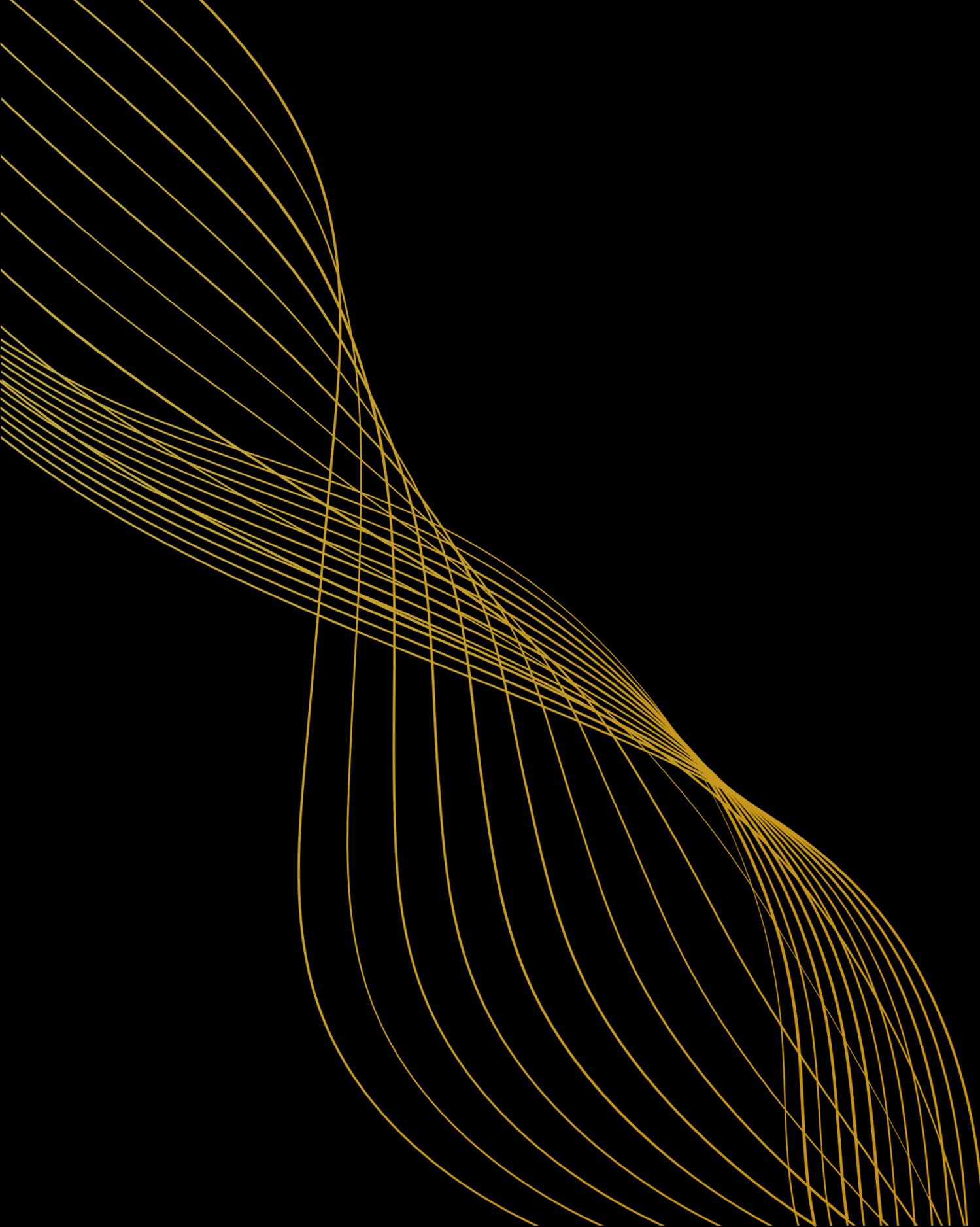


01 What we offer

- Deep-tech spin-offs emerging from leading research
- Protected IP and strong scientific teams
- Opportunities from pre-seed to early-stage ventures

02 What we look for

- Smart capital, not just funding
- Hands-on partners supporting market entry and growth
- Long-term commitment to build successful ventures



ICMOL

www.icmol.es

Ready to build the future
together?

Let's talk!

transferencia@icmol.es

ICMOL

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EXCELENCIA
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MINISTERIO
DE CIENCIA, INNOVACIÓN
Y TURISMO

AGENCIA
ESTATAL DE
INVESTIGACIÓN

GENERALITAT
VALENCIANA

IVACE+i

Financiado por
la Unión Europea

Fondos Europeos