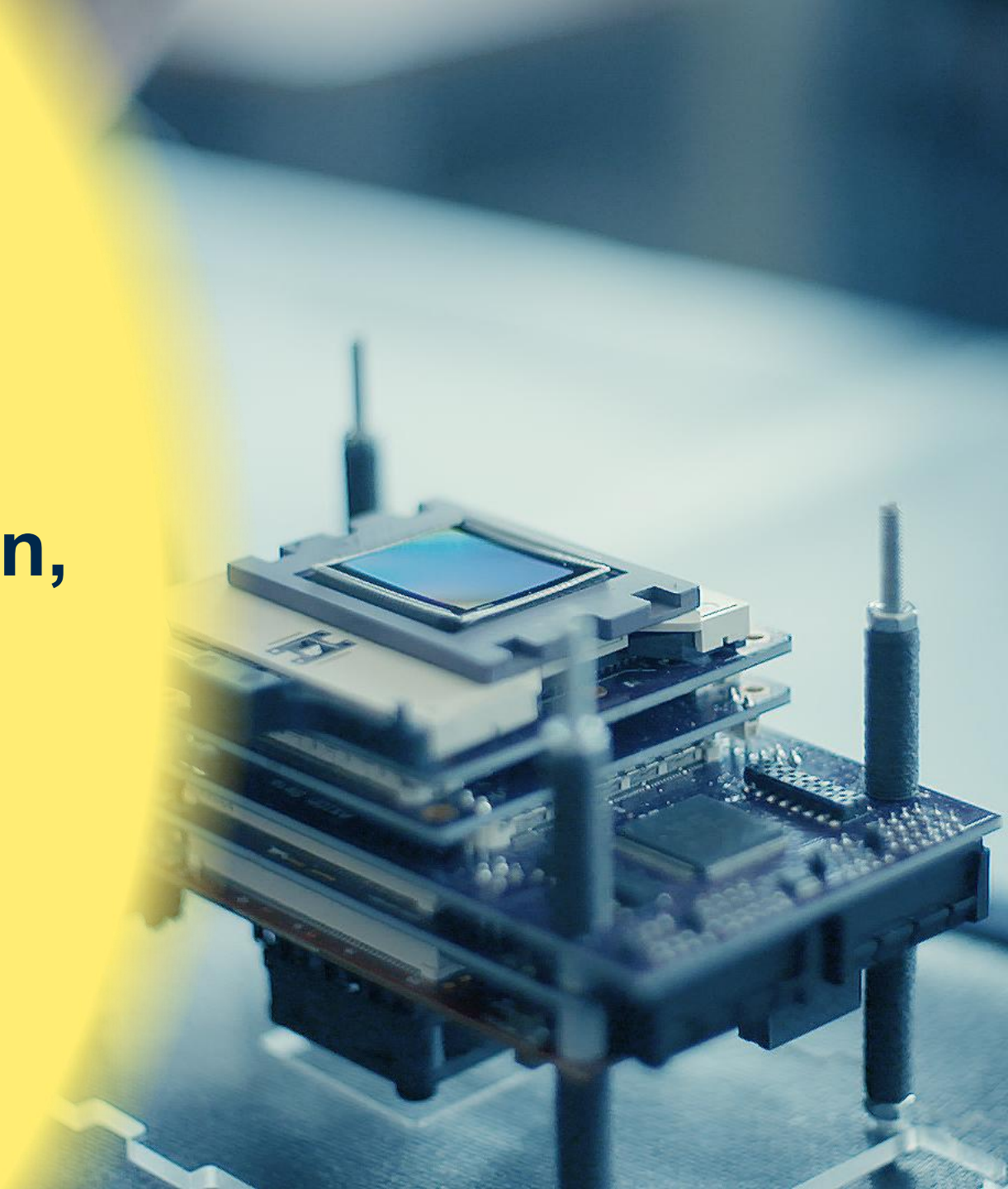
cnrs INNOVATION

From research to innovation, from the laboratory to the market



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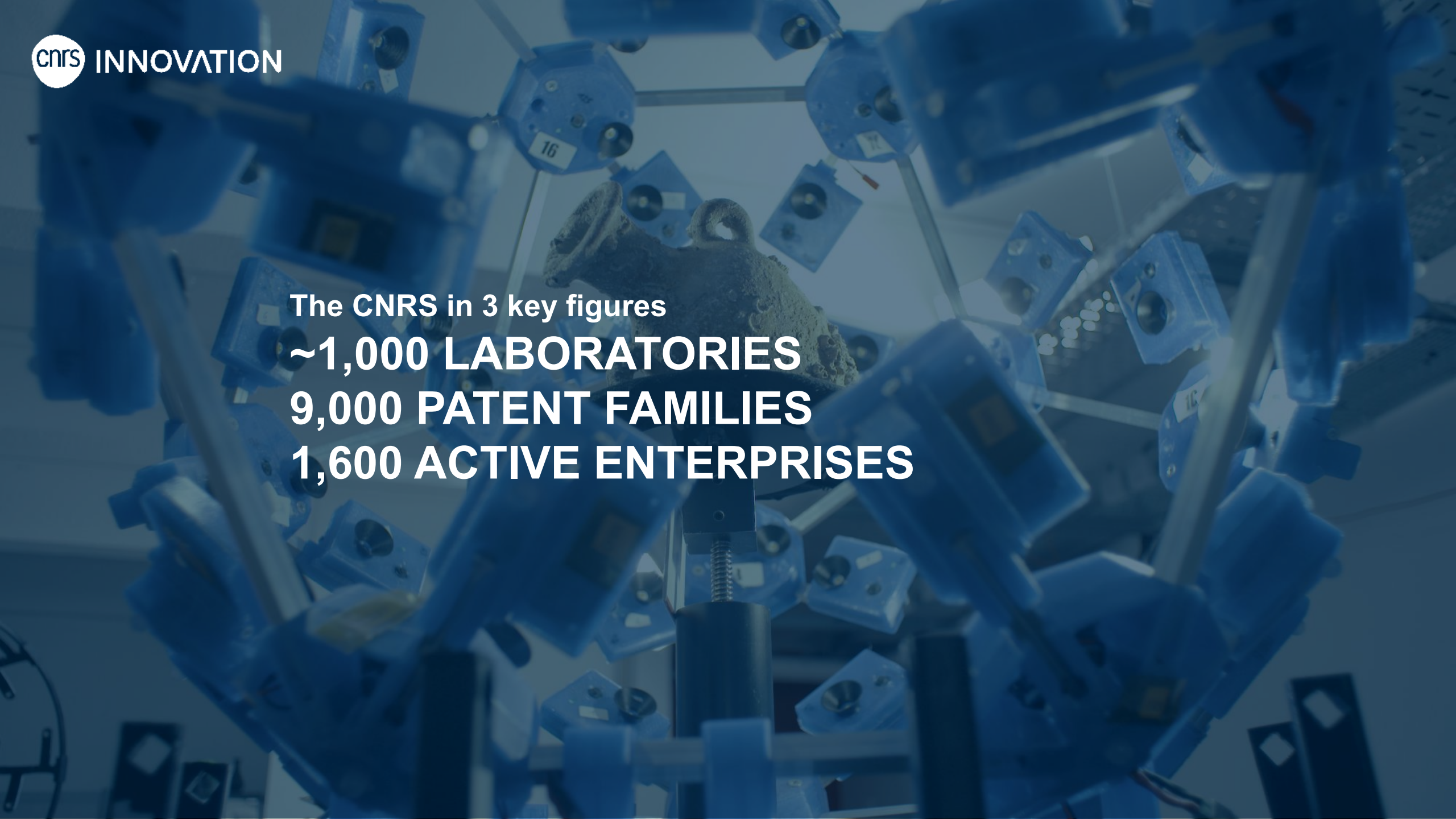
cnrs INNOVATION
The CNRS in 3 key figures
~1,000 LABORATORIES
9,000 PATENT FAMILIES
1,600 ACTIVE ENTERPRISES

cnrs INNOVATION

2 areas of expertise

Intellectual property

Technology transfer to enterprises

1 know-how

Programmes to foster and support innovative projects

Our mission and expertise deployed on the national level

Via a continuum from research to innovation, from the laboratory to markets

1 Protect

Evaluate, protect, take over, or abandon

9,000 patent families under co-management, of which 15% are operated by CNRS Innovation

1st research establishment for co-patents with enterprises

2 Foster the emergence

Derisking technologies at their most fundamental stage with prematuration

In keeping with national measures such as Priority Research Programmes and National Acceleration Strategies in connection with France 2030

10 million euros per year

3 Support

Support programmes for
Start-up creation (RISE)
Start-up maturation
Training doctoral students in entrepreneurship
Developing open-source software
Or supporting researchers in their candidacies with European bodies (ERC, EIC…)

4 Transfer

Using assets as leverage to generate value
via licensing, collaboration contracts, and framework agreements

CNRS Innovation negotiates 35% of the CNRS's transfer contracts

5 Consolidate

Maintaining ties with enterprises emerging from laboratories

Consolidating all data relating to technology transfer at the CNRS

Rise Up service offer, equity stakes

cnrs INNOVATION

EXPERTISE, PROGRAMMES AND SERVICES

PREMATURATION

Derisking technologies at their most fundamental stage

10 million euros per year, 60 projects per year, complementary funding from *France 2030*

RISE

Supporting start-up creation

Approx. 30 projects per year, 1 year of custom support, +100 programme partners, 83 start-ups incorporated since 2019

RISE+

Ensuring managerial portage for start-up projects

6 start-up studio members

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EXPERTISE, PROGRAMMES AND SERVICES

RISE-UP

Supporting the development of enterprises emerging from laboratories under CNRS supervisory authority

120+ start-ups enrolled, 150 services provided

OPEN

Supporting and funding the technology transfer of open-source software

6 projects selected in 2024 from 50 applications. Funding, support, and access to a software developer for a period of 6 to 18 months

PISE

Supporting innovation projects with a social and environmental impact

2 themes for 2024 : the reduction of educational inequality & Natural risk management in the Anthropocene era / 5 projects supported – 1M€

Prématuration

Prématuration program

The Prématuration program aims to identify and support research projects that promise the most innovative solutions.

Prématuration is the first stage in the process of transferring a technology to the market.

The CNRS has structured a national approach to funding prématuration, covering all stages of this action:

- ✓ awareness-raising,
- ✓ detection,
- ✓ analysis of projects,
- ✓ selection by a committee of external experts,
- ✓ and support for project implementation.

Over the period 2014 - 2023

377
Supported projects

48 M€
allocated

214
Completed projects

50+
Start-ups created or in the process of being created

Eligibility criteria for the CNRS Prématuration program

All scientific areas

TRL 1/2

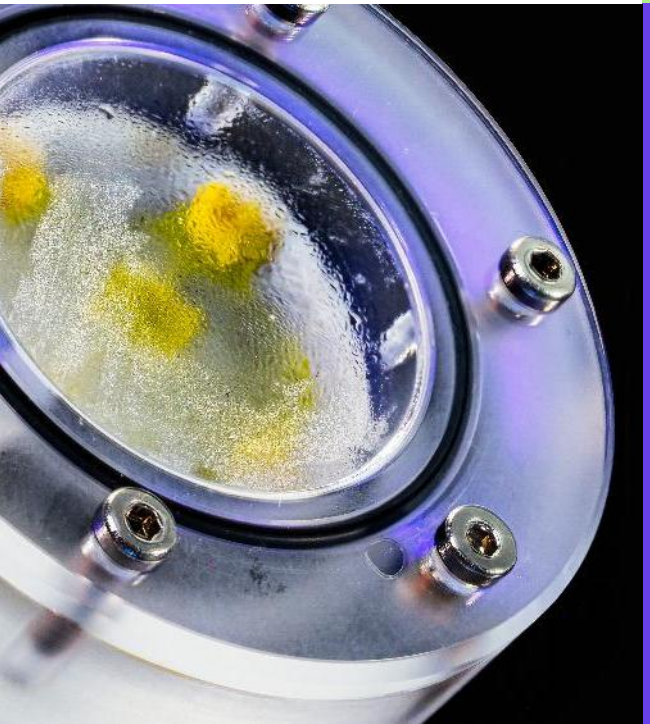
Prior to maturation programs operated by SATT

Budget

Maximum 150k€

Duration

12 to 18 month



Researcher

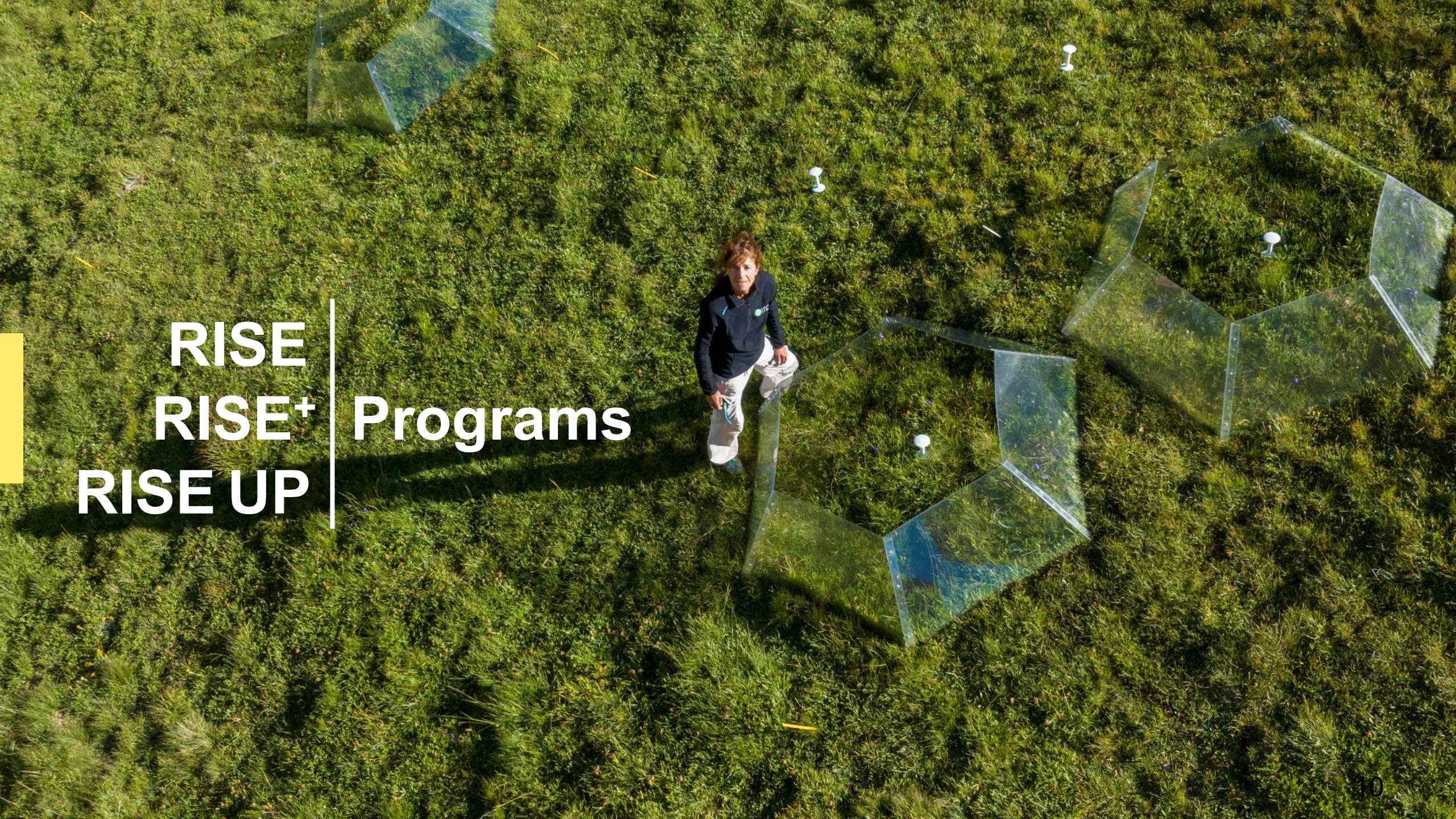
from a CNRS UMR

IP Asset

Object of transfer formalised or in the process of being formalised

Proof of Concept

At the end of the program


RISE
RISE+
RISE UP
Programs

CNRS start-up policy

1 stake

To position **CNRS** as **a major player** in the e**conomic development** of our Society, particularly **through the creation of businesses**.

1 strategic objective

To reach the number of **150 start-ups created each year** on the basis of technology or know-how transfers from CNRS units,

including **50 start-ups with high development potential**.

3 operational objectives entrusted to CNRS Innovation

To design, deploy and then strengthen **a programme to support the structuring of business creation projects arising from CNRS laboratories**.

RISE

Set up **a management support system** for very early stage projects

RISE+

Set up a range of **complementary services to support the network of 1,800 CNRS start-ups**, ensuring that these services work in synergy with existing schemes.

CNRS RISE UP

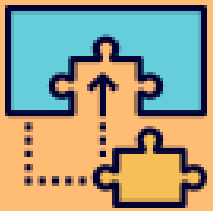
Solving the entrepreneurial equation

TEAM / PROBLEM FIT

The team is relevant to the problem identified. The complementary talents that make up the team give it legitimacy in the target market.

The solution developed responds to real needs (expressed or latent) of end users.

PROBLEM / SOLUTION FIT



PRODUCT / MARKET FIT

There are people who are willing to pay to solve the problem for themselves or others.

Financial engineering supports the different phases of product development and marketing.

PROJECT / FUNDING FIT

RISE in a nutshell

Since 2019, 13 cohorts, 170 startup projects supported

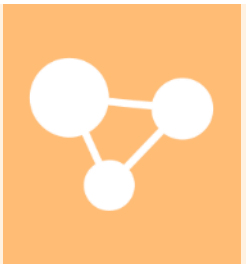
- Projects or « young » start-up
- Based on technologies developed in CNRS labs
- Involvement of researchers
- Two cohorts per year
- ~ 15 start-up per cohort
- 1 year of tailored support

RISE

Support actions

Team

- Entrepreneurship training
- Team building and CEO sourcing
- Entrepreneur in residence
- Mentoring



Ecosystem

- Research of business incubators
- Access to our network of partners

Product/Market Fit

- Techno-economic analysis
- Mapping and scouting
- Preliminary market research and stakeholder interviews

Fundings

- Search for public funding and support in submitting applications
- Support in raising equity capital

Business plan

- Support in formalising the business model and business plan
- Slidedecks, coaching and pitches

Technicalities

- Help with setting up a business (legal and accounting)
- Support for contract negotiations

Key figures

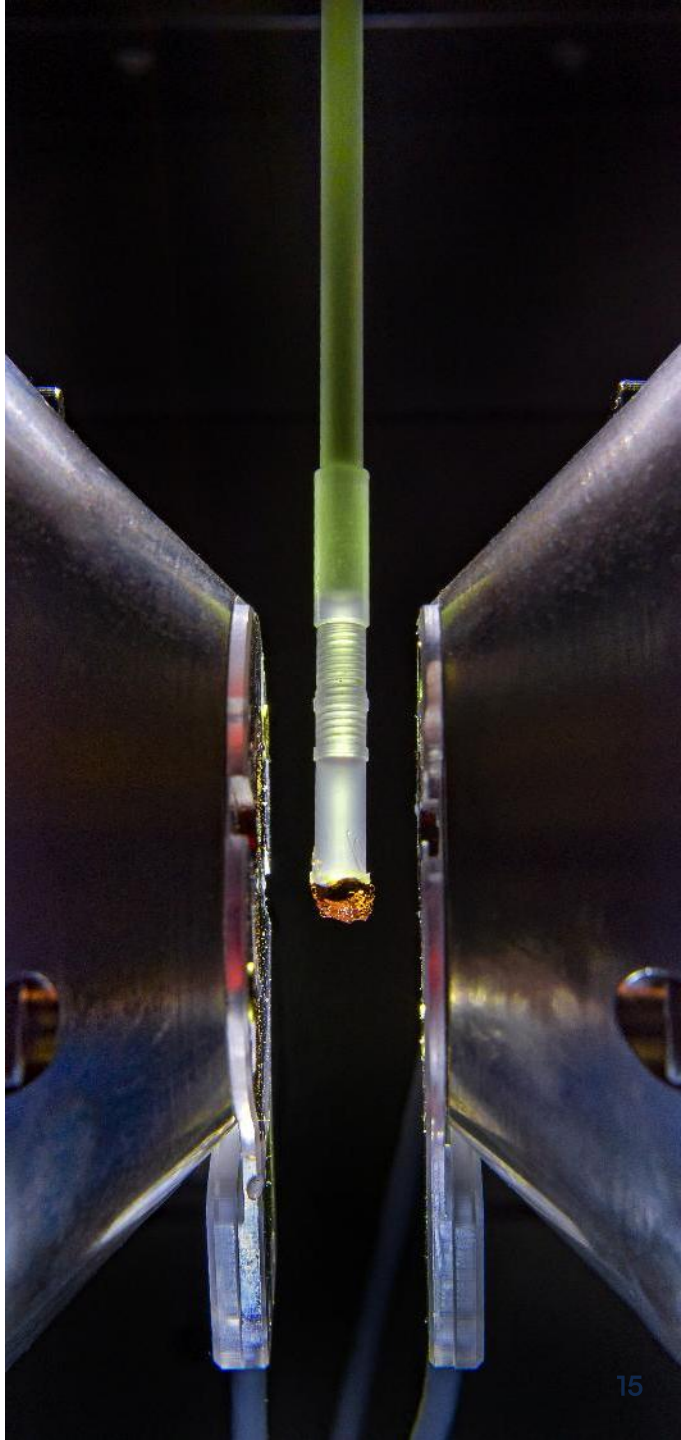
84 million in ante-creation financing

23 ERC projects (58 M€)
13 ERC POC projects (1,8 M€)
70 prématuration projects (8,8 M€)
54 maturation projects (15 M€)

~200 M€ of equity raised

83 startups incorporated
~50 projects still maturing

427 analysed projects
170 supported projects



Alumni RISE

Cleantech / Engineering

ION-X
G-LYTE
innov&sea
ACTIV-H
HORASYS
GAMMATECH
PLANEXUS
cilkoa
spark
p-layer
Optipus-PV
OwnTech
EYENAV ROBOTICS
NcodiN
Vibiscus
HILEORES

Medtech / Biotech

Marol Technologies
evora BIOSCIENCES
kūrage
Manitty
BEAMS
ExAdEx-Innov
LIFY-AiR
RESOLVE STROKE

ICT/AI

Mercurio Imaging
PEARCODE
SEQUENCIA
HAWAI.tech
hopcast
SPORTSDYNAMICS
Urban Cooling Solutions

Quantum

ALICE & BOB
C12
Qubit Pharmaceuticals
Welinq
HIQUTE DIAMOND
SILENT WAVES

RISE+ program

Investigation of start-up creation opportunities and management of early-stage projects by Venture Builder partners

Dual stakes:

- ✓ **Encourage the creation of CNRS start-ups,** even if the research team does not wish to take on an entrepreneurial project
- ✓ **Mobilise market experts** to identify the key expectations of players in the market(s) as quickly as possible

6

Active partnerships

4

Partnerships under negotiation

RISE UP program

"Supporting the growth of companies spinning off from CNRS laboratories and its partners"

RECRUITMENT

NETWORK

VISIBILITY

SUPPORT FOR FUND RAISING

CNRS COLLABORATIONS

TECHNOLOGY SCOUTING

CNRS RISE UP

OPEN Program

OPEN Program

Valorisation program dedicated to CNRS open source software

It enables researchers who so wish to benefit from :

- ✓ The support from CNRS Innovation to transfer open source software
- ✓ The provision of a software developer for a period of 6 to 18 months
- ✓ A wide range of ways in which this can be exploited, including the creation of a consortium of users to ensure the long-term viability of the software, the development of proprietary modules to meet specific needs, collaborations with companies or the creation of start-ups.

6 Projets retenus

ICHEM
Molecular screening software

RTK
Tomographic imaging software

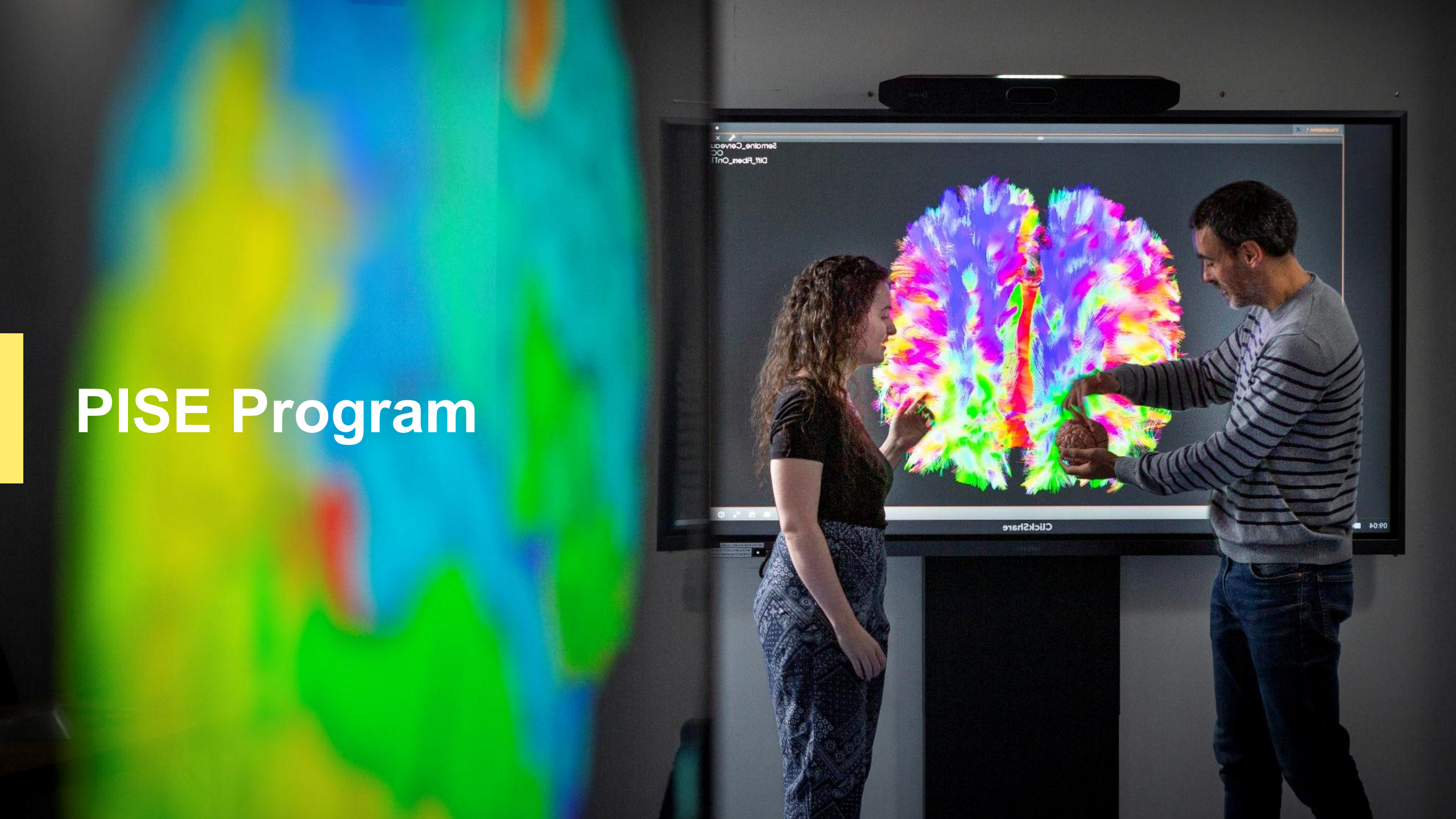
LabNBook
Digital platform to support practical training

Agrum :
Modelling and analysis software for probabilistic graphical models

TexmacsCloud :
Mathematical document creation software

PyMoDaQ :
Open-source software for orchestrating experimental devices

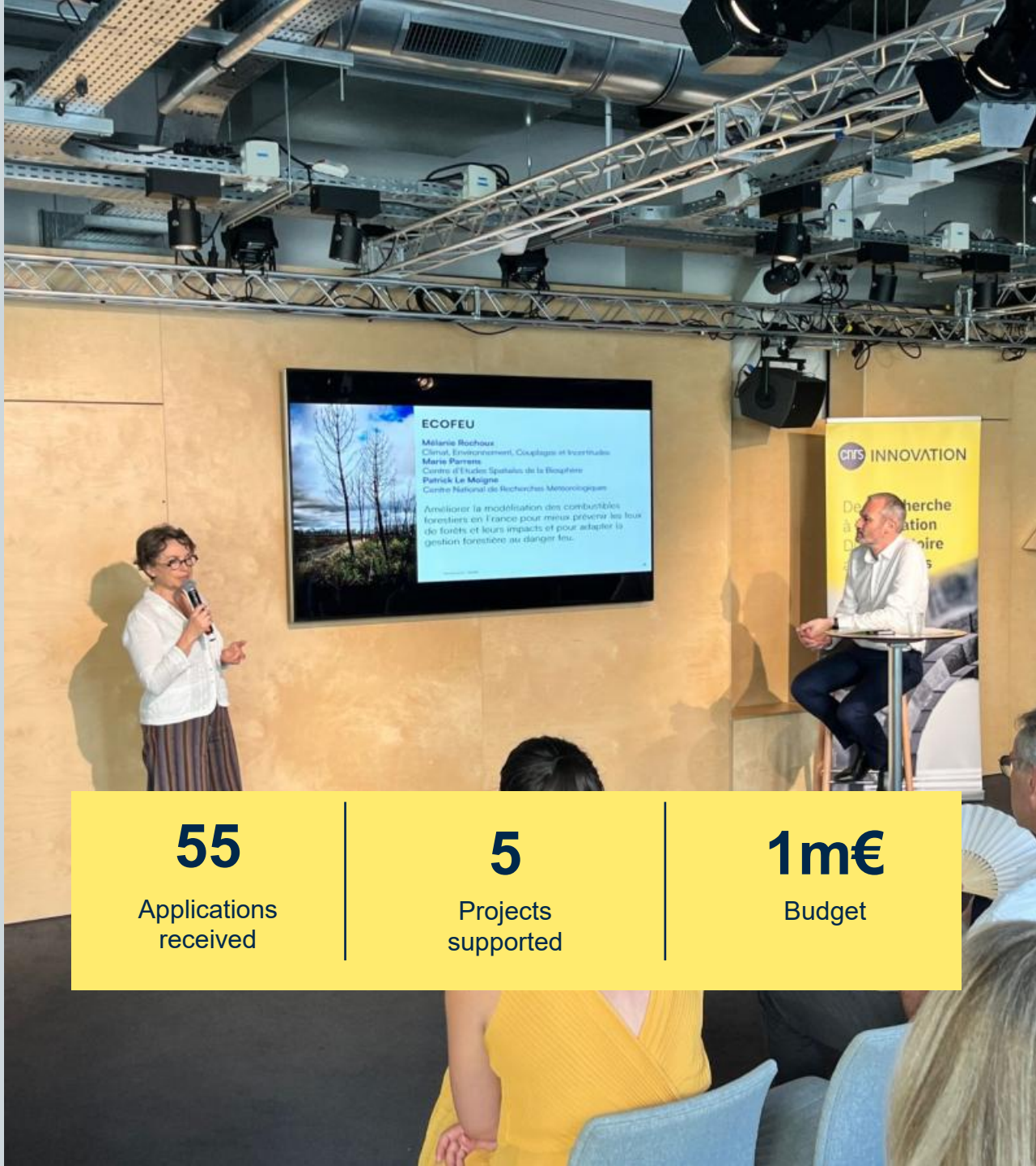
PISE Program



PISE Program

Supporting Projects with Social and Environmental Impact

- **Co-creating the viability of societal or environmental innovations** originating from CNRS' laboratories to ensure their autonomy and scalability so that they can be disseminated as widely as possible.
- **A first experimental call for expressions of interest launched in May 2024** on two themes: "Natural risk management in the Anthropocene era" and "Combating educational inequalities."
- **A first-class selection committee,** made up of representatives from UNESCO, local authorities, the Caisse des Dépôts et Consignations, and the MAIF Foundation for Research
- **A new call for expressions of interest to be launched in 2025, o**n the theme of "One Health," bringing together issues relating to human health, animal health, and environmental health.



55	5	1m€
Applications received	Projects supported	Budget

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International activities

European Innovation Council

T2M EIC Tech to Market Entrepreneurship & Venture Building Programmes

Supporting the creation of market value from EIC Pathfinder and Transition projects through the establishment of Deeptech spin-offs

Adoc Talent Management

BOOSTER LABS ACCELERATE YOUR GROWTH

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Deeptech founders

ESN EUROPEAN STARTUP NETWORK

euratechnologies EXCELLENCE & INNOVATION

INNOVA Technology Transfer & Valorisation

iED institute of Entrepreneurship Development

SCHOOLAB

Entrepreneurship

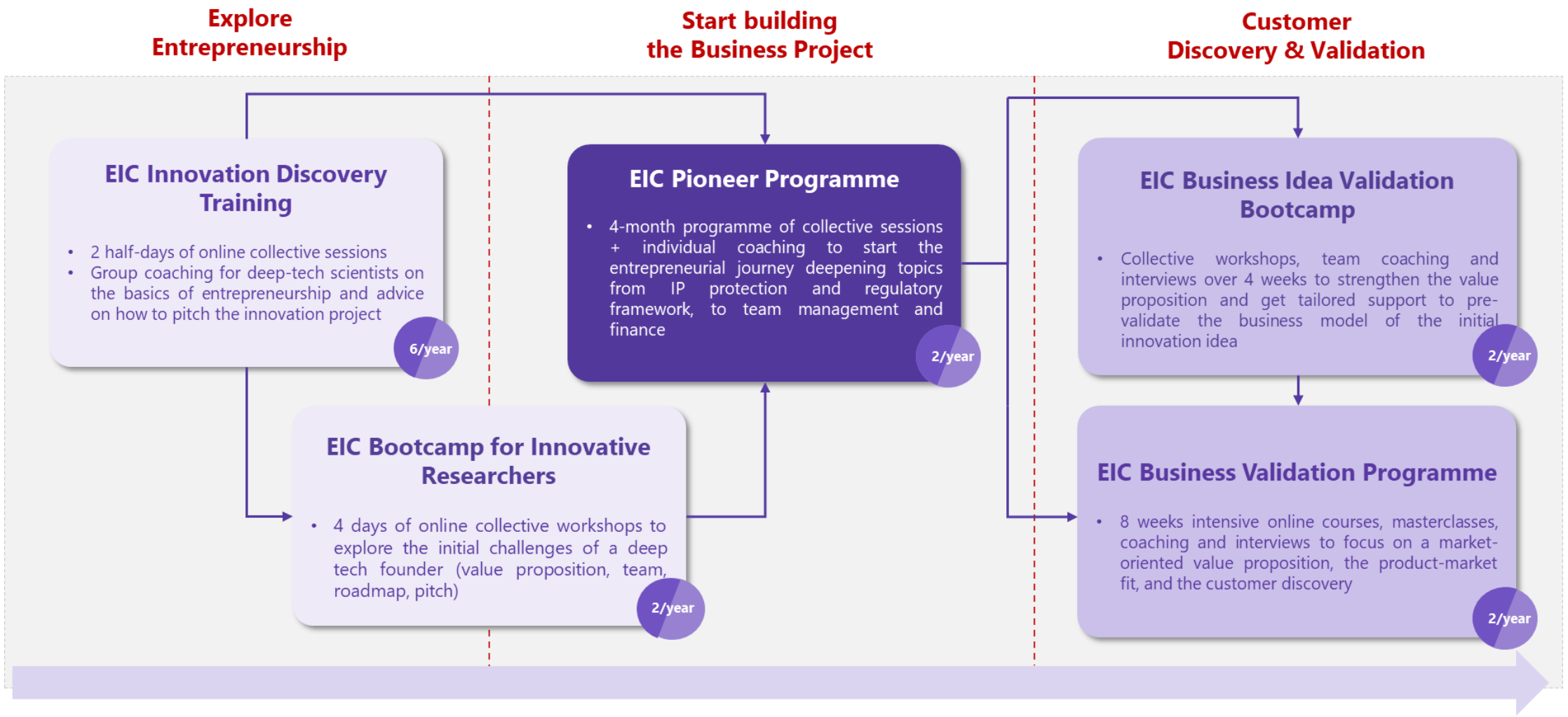
- Entrepreneurship awareness initiatives
- Entrepreneurship training bootcamp
- Support for startup projects using design thinking methodology

European ecosystem

- Setting up partnerships with European structures that can benefit from entrepreneurship training initiatives (universities/research establishments, incubators, accelerators, etc.)
- Development of a network of European industrial partners
- Development of a network of European mentors

European Innovation Council

T2M EIC Tech to Market Entrepreneurship & Venture Building Programmes



ACET x CNRS Innovation partnership

The mission of the “Accélérateur de création d'entreprises technologiques” (ACET), based in the Canadian province of Quebec and closely linked to the Université de Sherbrooke, is to identify innovative and daring technological projects, to support entrepreneurs in their development and to propel new innovative companies with a positive societal impact.

ACET x CNRS Innovation partnership

Strengthening start-ups' market evaluation and validation capabilities

Development of entrepreneurial skills linked to market evaluation and validation in France, Canada and the United States.

Training of project leaders in the dimensions of the market, offering concrete examples and practical methods, including the use of free monitoring tools.

Facilitating access to finance for businesses

Running a series of masterclasses on key financing topics: creating roadmaps, implementing financing strategies for setting up in France or Europe.

Open up access to French, European and Canadian funding networks, in addition to the new fund launched by ACET (Quantacet).

Encouraging technological development and strategic partnerships

Facilitating access to CNRS laboratories and encouraging the establishment of collaborative research contracts. Start-ups will also have the opportunity to be hosted in a laboratory in order to advance their research.

Strengthening entrepreneurial ecosystems and encouraging international expansion

Facilitating contacts between start-ups and the ACET and CNRS Innovation partner networks.

Soft landing opportunities in Canada , enabling French start-ups to work on technical aspects, particularly in conjunction with the two international CNRS research laboratories (IRL) based at the Université de Sherbrooke specialised in micro-nanotechnology and quantum science.

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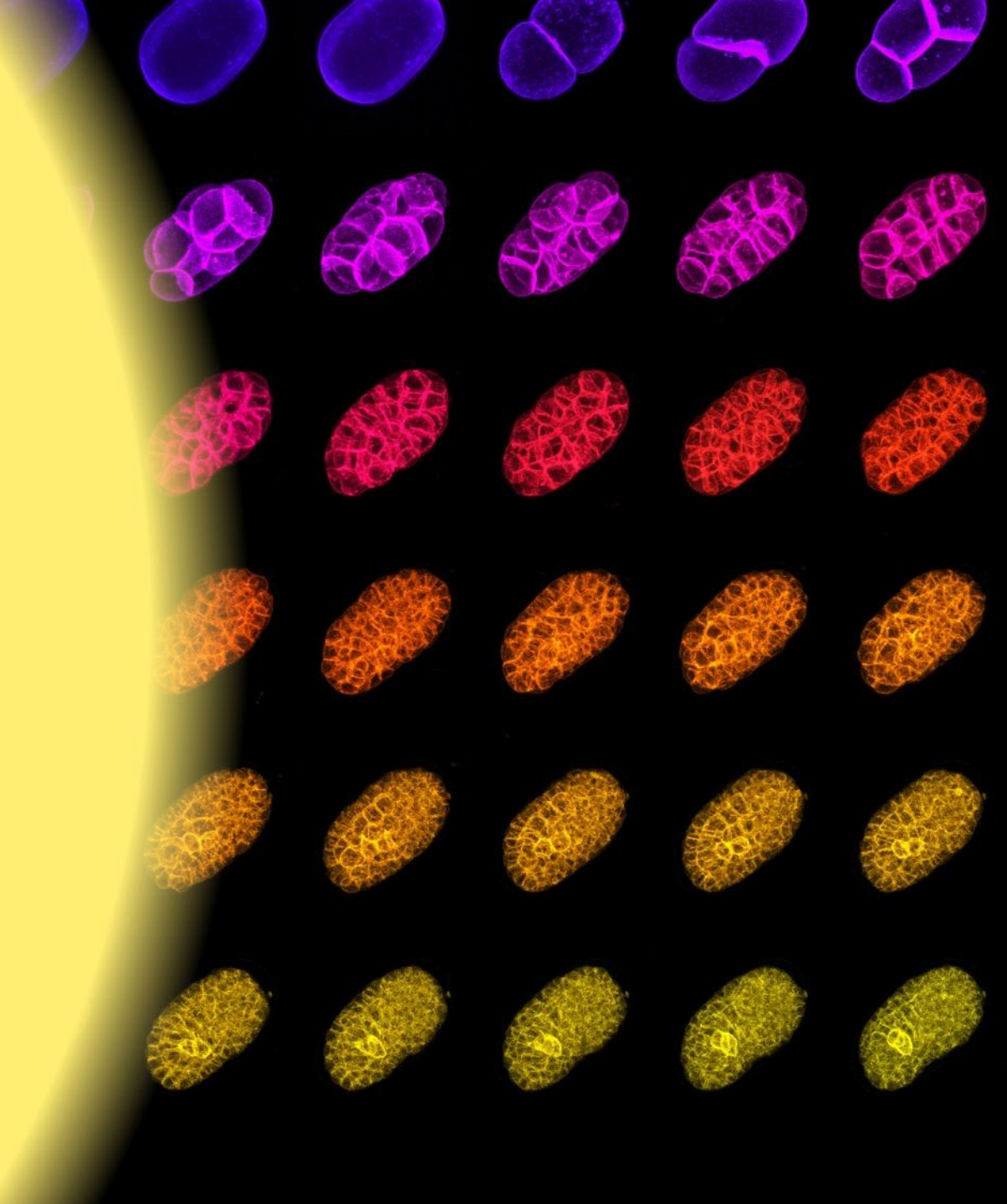

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