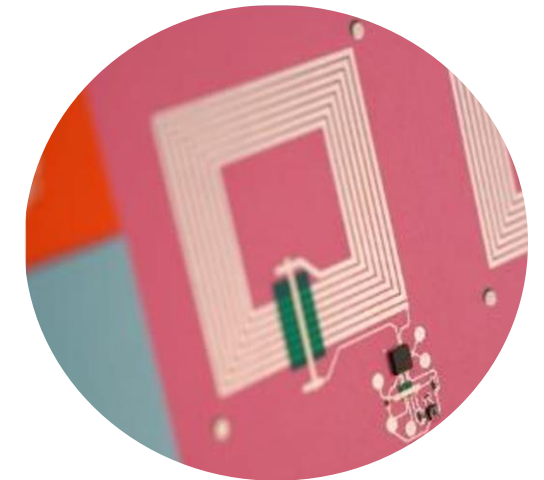




ITENE

Knowledge and technology that make an impact



+30 years developing **technological solutions**
through **R+D and innovation**

4 / Main areas of expertise

We generate knowledge and technology to build together a safer and more sustainable future through four main areas of work.



**Materials and technologies
for the circular economy**



**Packaging safety, design and
functionality**



**Safety and environmental
monitoring technologies**



**Transport, logistic and
digital transformation**

5 / What technologies do we work with?

R&D areas

Materials and technologies for the circular economy

Recycling technologies and bioprocesses



Transport, sorting and digitalization of waste management



Waste pre-treatment



Mechanical plastic and paper recycling



Chemical and enzymatic recycling of plastics



Valorisation of organic waste



Procurement of tailor-made micro-organisms and enzymes for the improvement of bioprocesses

Materials and packaging technologies



Material and additive synthesis

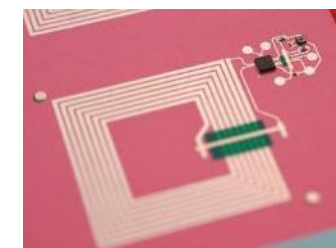


Packaging material formulation and processing

Safety, design and functionality in packaging

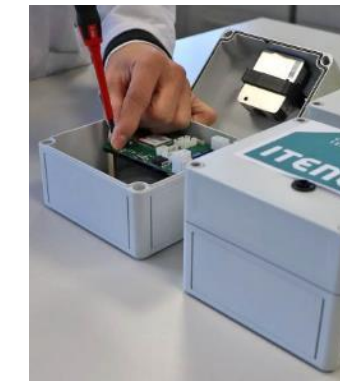


Packaging and packaging-product interaction

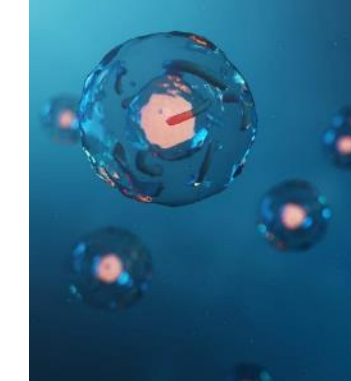


Printing and functional surfaces

Safety and environmental monitoring technologies



Bioanalysis and biodetection



Toxicology bioinformatics & Safe-by-design



Chemical exposure and air quality

Logistics, mobility and digital transformation technologies



Packaging engineering



Digitalisation and connectivity



Decarbonisation

6 / Who do we work with?

We add value to all industrial sectors through innovation



Raw materials



Packaging



Food and beverages



Cosmetics and drugstore



Pharma



Prevention of occupational hazards



Chemical industry



Retail



Transport, logistics and mobility



Waste managers



Recyclers



Nutraceuticals



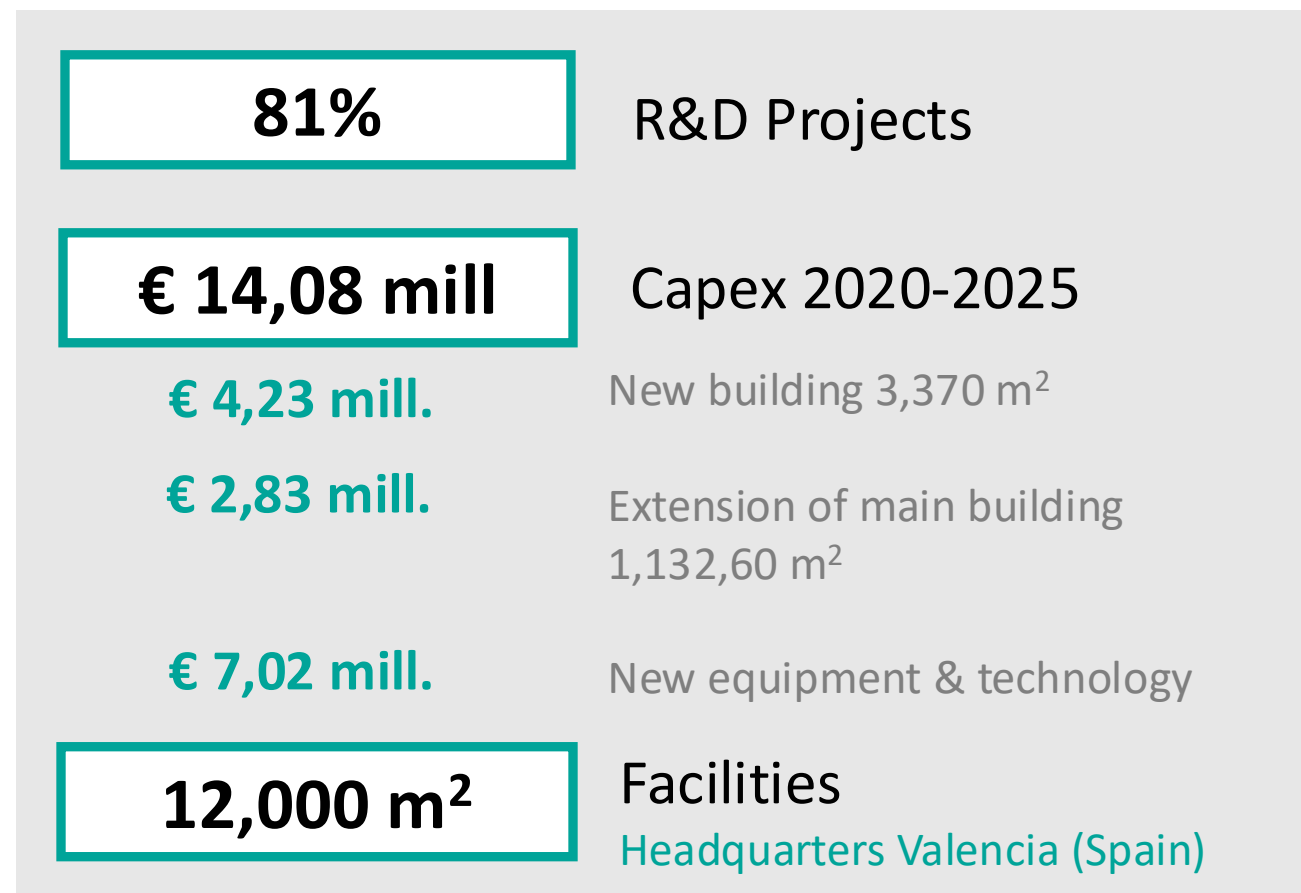
Agriculture

3 / Worldwide customer portfolio

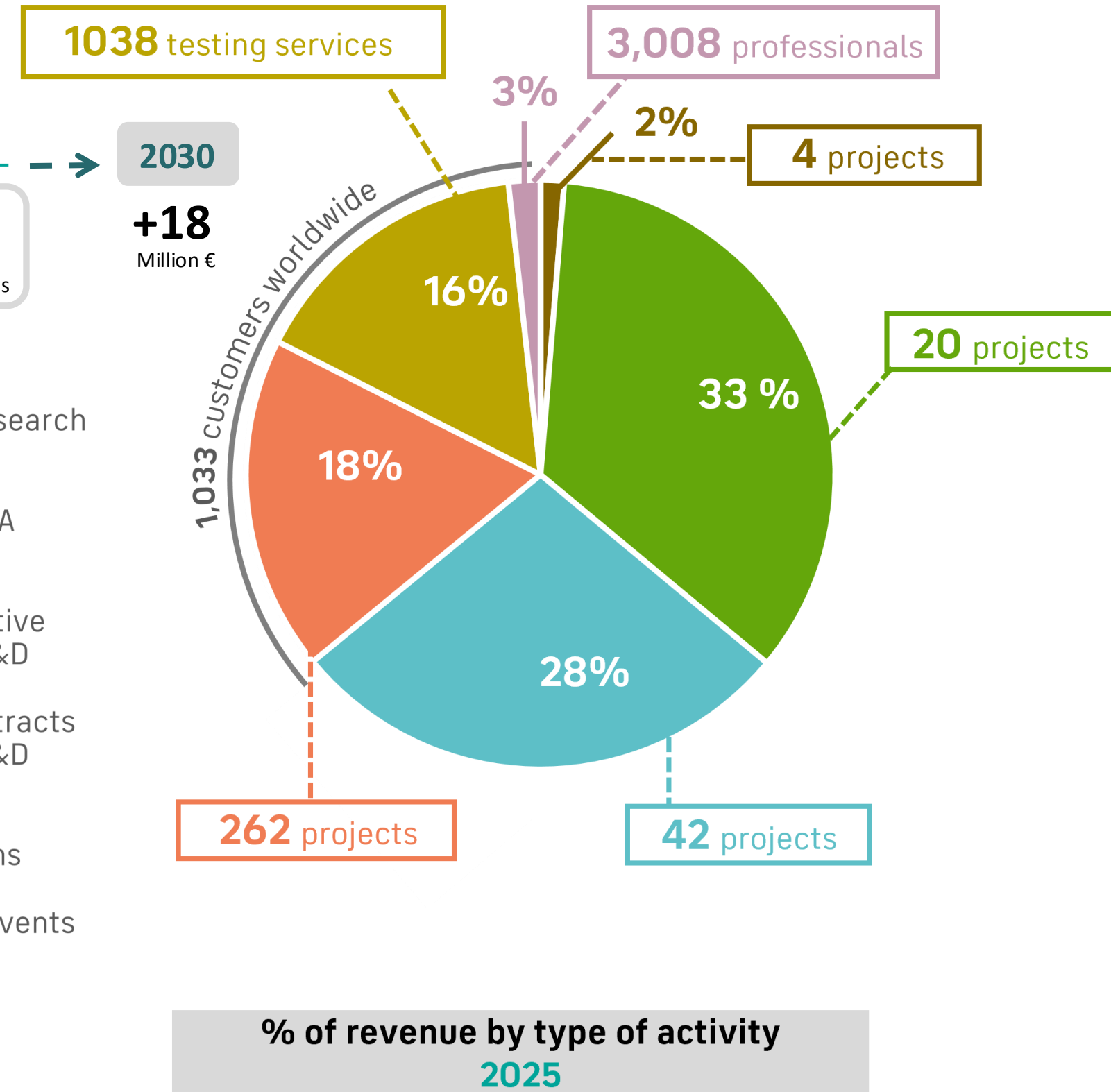


2/ Growing in revenues, projects and infrastructure

Revenue growth from 9,24% to 15,64 million euros in 2025



- National Research R&D
- IVACE + i GVA
- EU Cooperative Research R&D
- Private Contracts Research R&D
- Testing & Certifications
- Training & Events



7 / Our facilities

ITENE is located in the Technological Parc of Valencia (Spain), in a **12,000 m²** of facilities of its own, distributed in two buildings.



7 / Our facilities

The ITENE headquarters comprises 12.000 m² of facilities of its own, distributed in two buildings.

In 2023, we opened the **ITENE SCALE UP** building, covering 3,210 m² and located opposite our current headquarters, to host laboratories and facilities for **industrial pre-scaling** with an investment of 3 million €.

In 2025, we expanded the main building by 1,132,60 m², where the **ITENE INNOLAB** space is now located with an investment of 2,6 million €.



With the support from:



7 / Our facilities

In our facilities we have **5,000 m²** of **laboratories** and **pilot plants** equipped with state-of-the-art technology.

LABORATORIES AND PILOT PLANTS

- Pilot plant for scale-up and characterisation of additives
- Pilot Processing Plant
- Formulation and Printing Laboratory
- Chemical Laboratory
- Toxicology Laboratory
- Materials Characterisation Laboratory
- Laboratory of Barrier Properties Characterisation
- Laboratory of Biosensors
- Molecular Biology Laboratory
- Laboratory of Environmental Sensors and Means of Protection
- Laboratory of Electronics and Industrial Scaling
- Microbiology Laboratory
- Pilot Packaging Plant
- Packaging Evaluation Laboratory
- Transport Simulation Centre
- Laboratory of Packaging for Dangerous Goods Transport
- Pilot Plant for the Recycling of Cellulose Materials
- Pilot Plant for the Recycling and Valorisation of Plastic Waste
- Biotechnology Pilot Plant
- Compostability Laboratory



7/Our facilities

Accreditations and certifications for testing

State-of-the-art technology and +30 years of experience



Facts and figures

5,000 m² of laboratories and pilot plants

+500 types of tests based on recognised standards (UNE-EN, ISO, ASTM)

+119 accredited tests

+30 years of experience

Test accreditations



97 packaging tests accredited by **ENAC** and **ILAC-MRA** with accreditation **Nº316 / LE678**, based on the international quality standard **UNE-EN ISO/IEC 17025:2017**, which establishes the necessary requirements to be met by testing laboratories and guarantees the quality of the results.



Laboratory certified to perform **22 ISTA** (International Safe Transit Association) **protocols**.



Laboratory authorised to conduct testing in accordance with the **ISTA6 Amazon SIOC** and **ISTA6 Amazon Overboxing** protocols.





International organisations recognise our laboratories

COMPOSTABILITY

Laboratory recognised by TÜV AUSTRIA, DIN CERTCO, BPI, European Bioplastics, COMPOSTABLE MATERIALS (REAL) y AUSTRALASIAN BIOPLASTICS (ABA) for compostability testing.



Through our test reports, companies can obtain the main certification marks:

Industrial compostability



Home compostability



Soil and water biodegradable



RECYCLABILITY

Plastics

ITENE is recognised by RecyClass for the demonstration of experimental recyclability of polystyrene, flexible PE and flexible PP, as well as plastic components from electrical and electronic equipment and the automotive sector.

RecyClass

Paper and cardboard

Our laboratory is recognised to validate the recyclability under CEPI and ATICELCA methods.



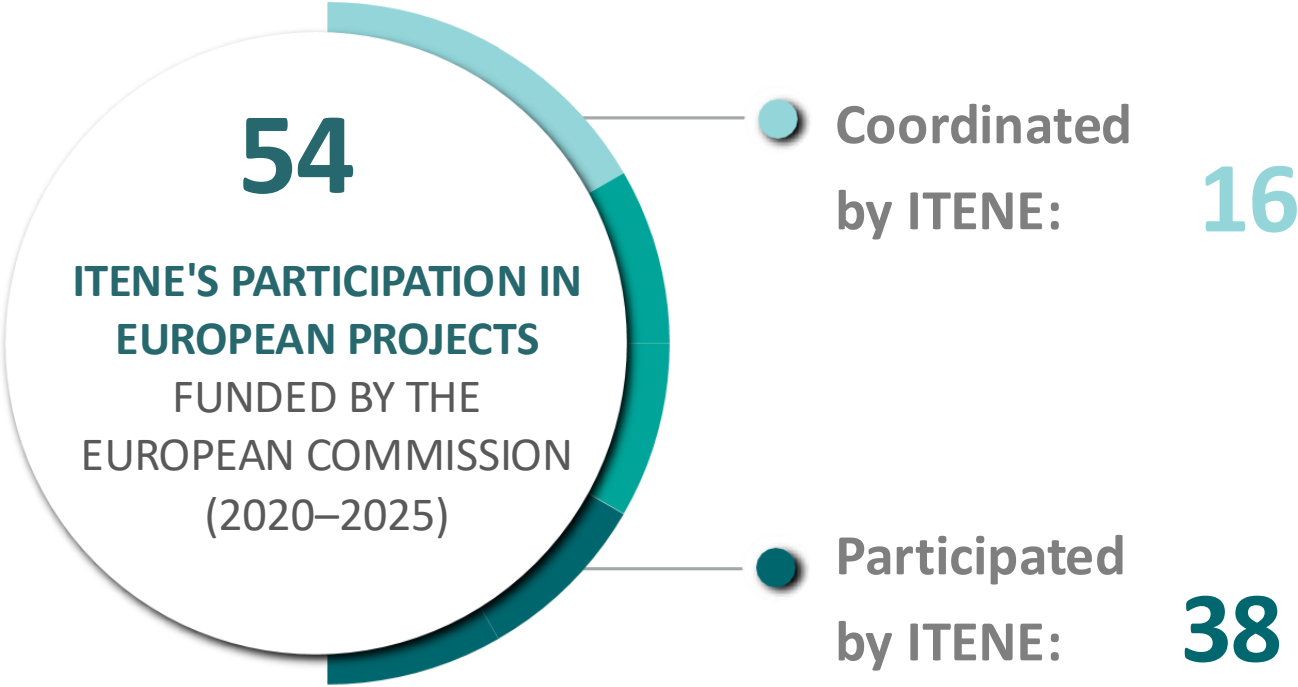


Horizon 2020
European Union funding
for Research & Innovation

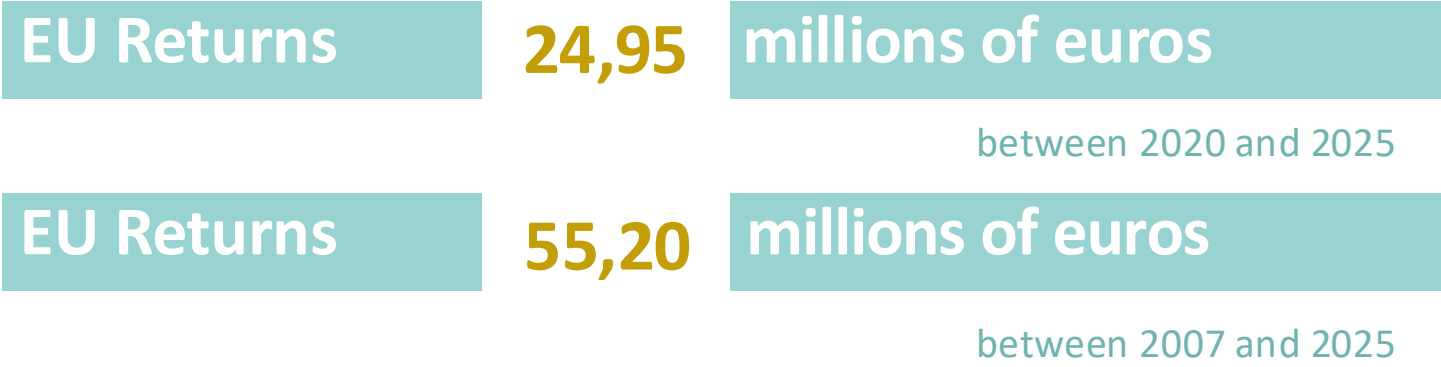
More +100 EU-funded projects

Strong experience as coordinator and technical coordinator.

9 / European collaborative research and innovation projects
Participation in R&D projects funded by the European Union



ITENE collaborates with leading companies, universities, research centers, and consulting firms on a wide range of R&D projects funded by the European Union, many of which have been led by our technology center.



2025
Have been approved **4** european projects,
one of which is led by our technology center.



Approved Horizon Europe Projects

2025

- CLUSTER 4: Digital, Industry and Space 149,476 € **(1 project)**
- CLUSTER 6: Food, Bioeconomy, Natural Resources, Agriculture, and the Environment 390,729 € **(1 project)**
- CBE (Circular Bio-based Europe) 1,522,016 € **(2 projects)**

Total **2,062,221 €**
1 project as coordinator
3 projects as a participant

9 / European collaborative research and innovation projects

Participation in R&D projects funded by the European Union

Materials and technologies for the circular economy

COORDINATED



Projects funded by the European Union (Horizon 2020 and Horizon Europe programs)



PARTICIPATED



Packaging safety, design and functionality

PARTICIPATED



Projects funded by the European Union (Horizon 2020 and Horizon Europe programs)



9 / European collaborative research and innovation projects
Participation in R&D projects funded by the European Union

Safety and environmental monitoring technologies

COORDINATED

 Projects funded by the European Union (Horizon 2020 and Horizon Europe programs)



PARTICIPATED

 Projects funded by the European Union (Horizon 2020 and Horizon Europe programs)



Transport, logistic and digital transformation

PARTICIPATED

 Projects funded by the European Union (Horizon 2020 and Horizon Europe programs)



10/ Contact



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