

tecnala

MEMBER OF BASQUE RESEARCH
& TECHNOLOGY ALLIANCE

**Anticipating is
an attitude.**

tecna**lia**.com

**Anticipating is
an attitude.**

Anticipating is the attitude that allows us to **identify and define new challenges**, apply **solutions** to complex problems, and turn **innovation** into a **competitive advantage** for companies.

anticipate





**We are good
at solving complex
problems that
require unique
solutions.**

We like problems. Any problem is an opportunity to do research, help **companies** and institutions compete and contribute towards the improvement of **society**.

Our customers call us when they come across a new problem, whatever it may be, and we use **applied research** to provide specific solutions to solve it.

**PROBLEMS
WANTED**



About us

TECNALIA is the **largest applied research and technological development centre in Spain**, a European benchmark and member of the Basque Research and Technology Alliance.





Headquarters

📍 Basque Country

Branches

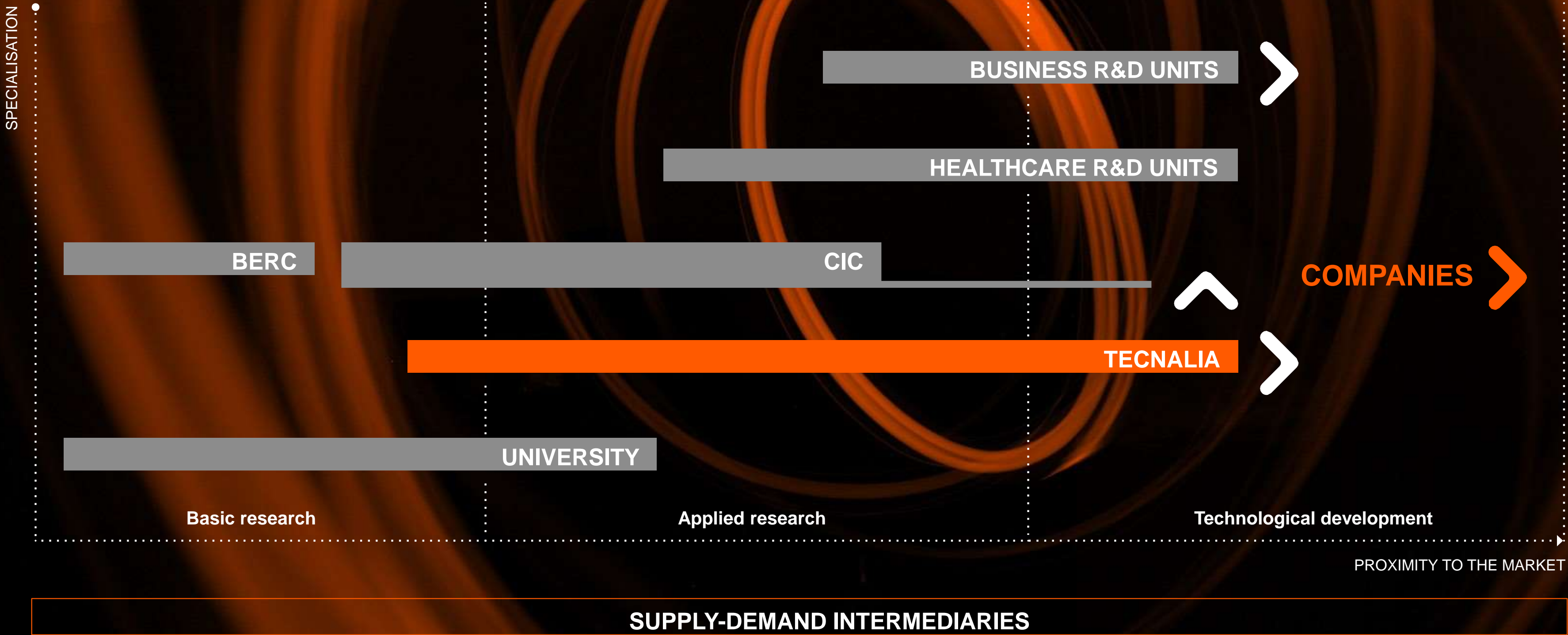
- Madrid
- Zaragoza

Branches Abroad

- | | |
|------------|----------|
| ● China | ● Italy |
| ● Colombia | ● Serbia |
| ● France | |



Value Chain



Mission

Transform technological research into prosperity.

Vision

To anticipate the future as the leading agent of transformation in companies and society, adapting them to the challenges of an ever faster evolving world.

Our purpose

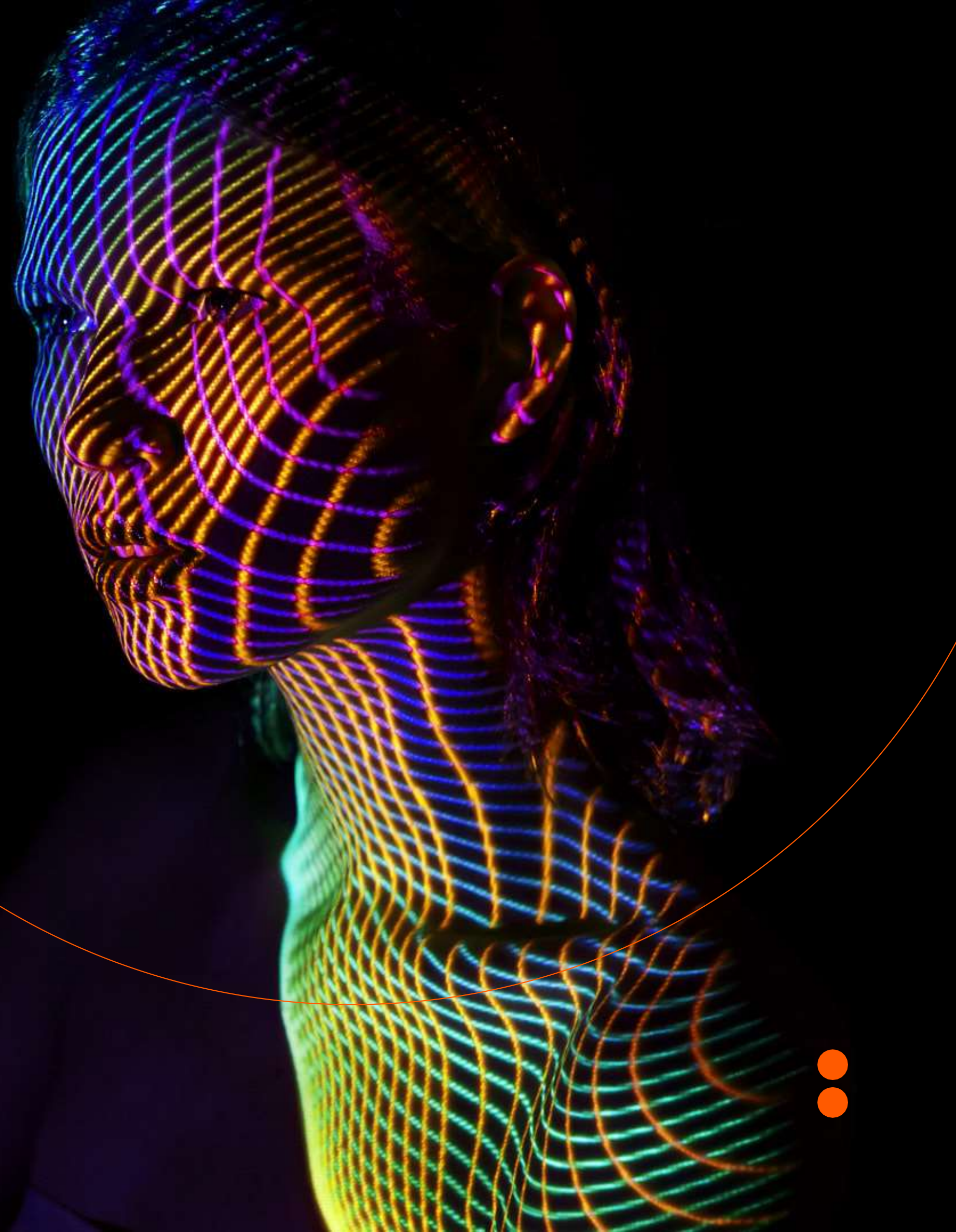
To build a better world through technological research and innovation.

tecnalia.com

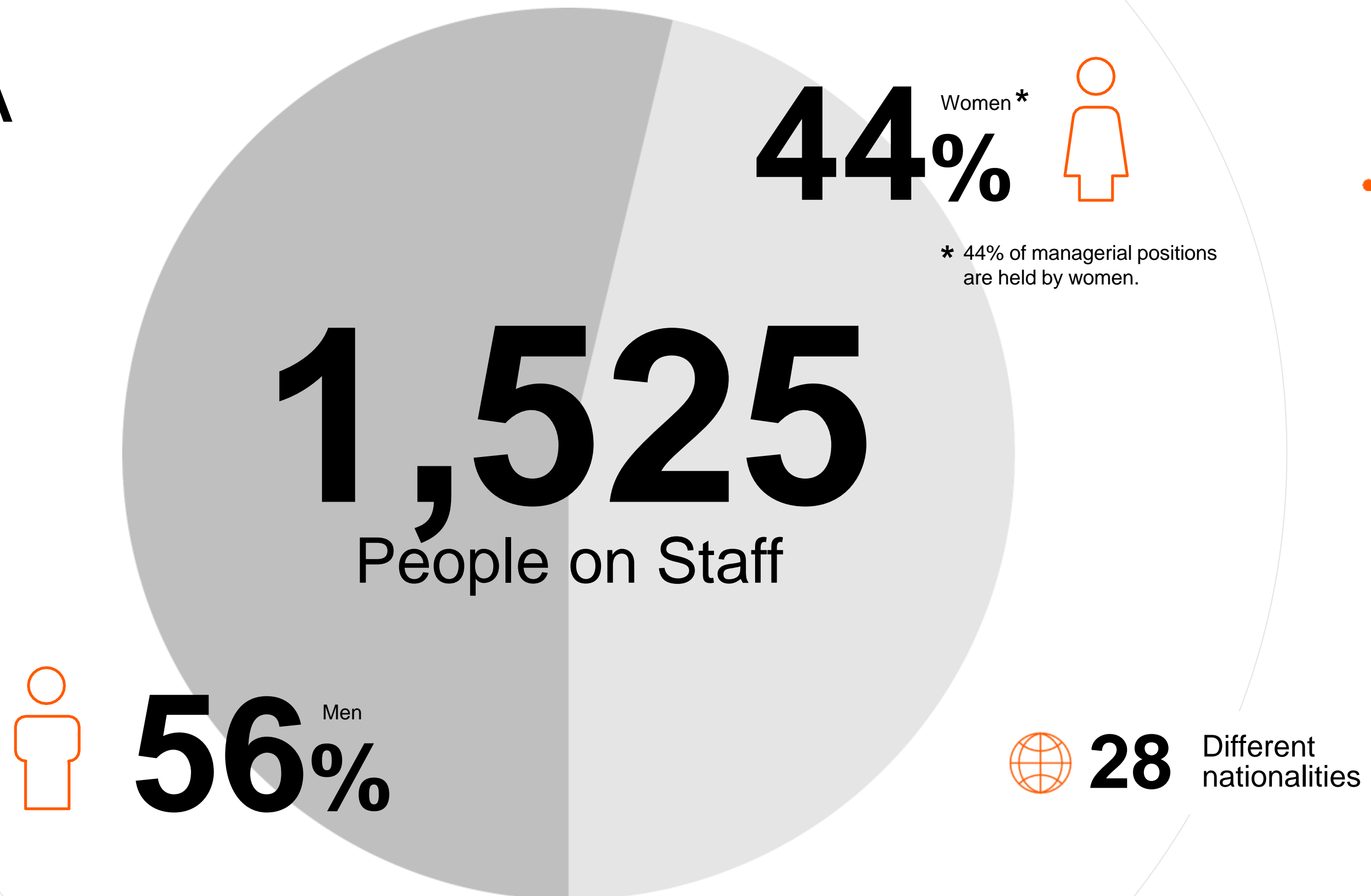


People are behind technology. Generating impact through applied research is only possible if you attract, retain and train the best talent.

We believe in the value of people



People in TECNALIA



We work with companies and institutions to increase their competitiveness, quality of life of people and achieve sustainable growth.

We transform technological research into prosperity, acting as agents of change in companies and society, adapting them to the challenges of a constantly evolving future.

tecnalia.com



We are committed to results, always thinking about our clients and facilitating their activity with a close and useful service.

At TECNALIA, we are brave and proactive and **we are bold enough to create something new every day.**

We collaborate actively. We offer ourselves, support each other and share our ideas to be better, more agile and to create more value.



We seek to build a better world through technological research and innovation.

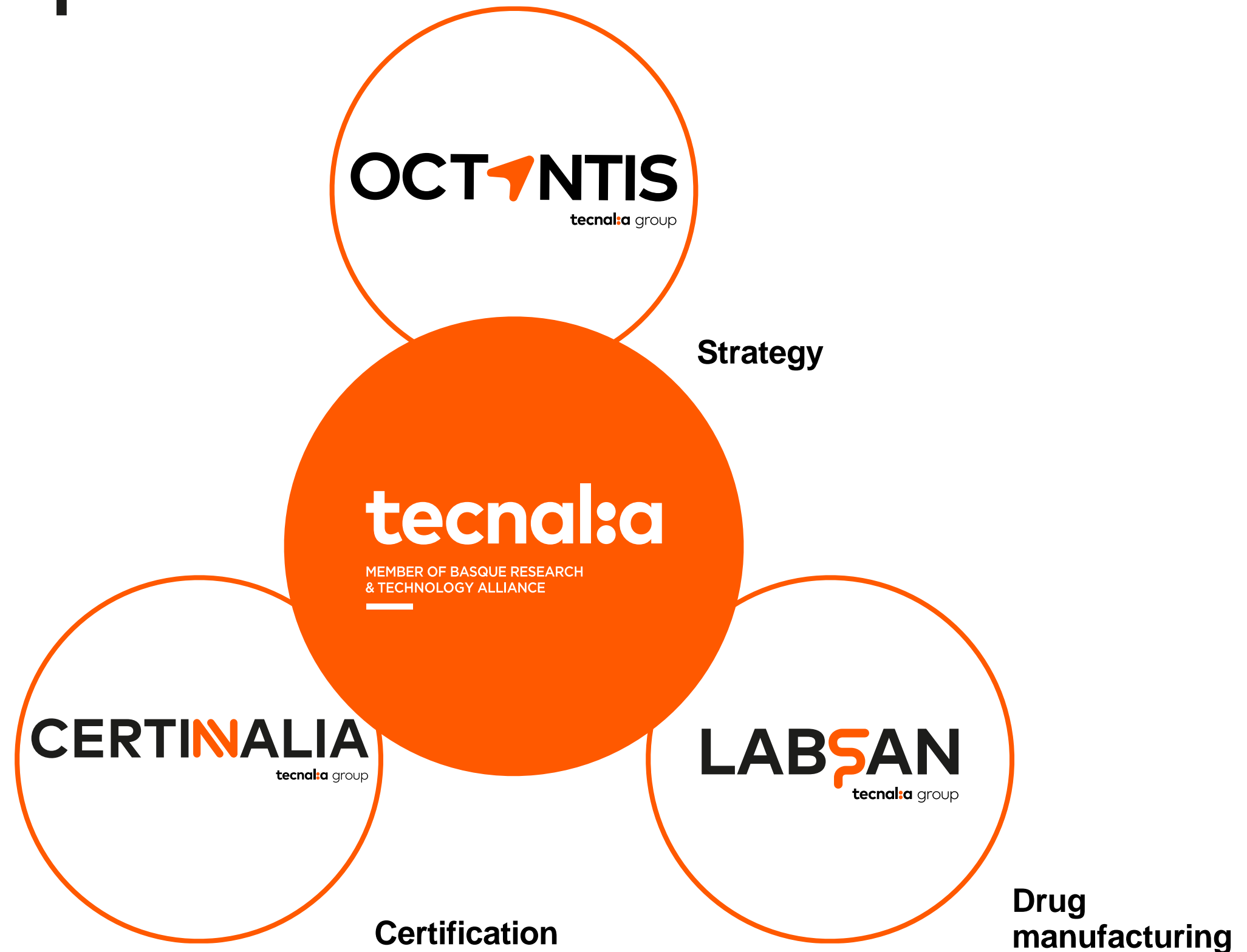
At TECNALIA, we are actively engaged in the generation of wealth for companies and jobs for society.

We also create new developments for unresolved situations. And we do so by combining technologies from different fields to respond to the major global challenges.



tecnal:a group

TECNALIA Group is
the ecosystem of companies
created around TECNALIA
Research & Innovation to
incorporate **new forms of**
value generation that cover
the entire **innovation** cycle,
multiply the double **economic**
and social impact and better
deploy our **mission, vision**
and purpose.



Technological innovation strategy to develop business opportunities and growth.

Its differential value is:

- **Technological capacity:** Entrepreneurial culture with TECNALIA's multi-technological talent.
- **Open Innovation:** Collaborative mentality adding start-ups and the entire entrepreneurial ecosystem.
- **Deep-tech focus:** Focused on advanced technologies that provide competitive advantages.



CERTINALIA

tecnal: a group

Certifying technological innovation.

CERTINALIA works in the field of technological innovation, developing certification schemes aligned with the new European legislation on **sustainability, energy, cybersecurity, artificial intelligence**, etc. It is a notified body for 4 European directives and regulations and is accredited by **ENAC** as a product certification body.

tecnalia.com



Third Party Drug and Medical Device Manufacturing Plant (CDMO).

LABSAN has more than **20 years of experience** manufacturing scale-up, regulatory and commercial batches for customers in Europe and with European **GMPs** (Good Manufacturing Practices) **accreditation** and is authorized by the Spanish Agency of Medicines and Medical Devices (**AEMPS**) for the manufacturing of Clinical Trial Medication.



How we work



Results that generate economic impact

**We offer technological solutions
that generate high impact
opportunities and we are committed
to our clients' results.**

At TECNALIA,
we transform
knowledge
into profit
for **companies**
and value
for **society**.

Business impact



Social impact



Clients

FOR EVERY EURO invested
by a company in R&D with TECNALIA,
an income of **€14.32** is added to their
Income Statement.

Employment

TOTAL employment kept: **11,017**
Jobs held in Basque Country FOR
EVERY JOB AT TECNALIA: **7.51**

GDP

TOTAL contribution: **€765 M**
€29.52 generated FOR EVERY € INVESTED
by Basque public institutions in TECNALIA

Tax Return

TOTAL contribution: **€93 M**
€3.57 obtained FOR EVERY € INVESTED
by Basque public institutions in TECNALIA

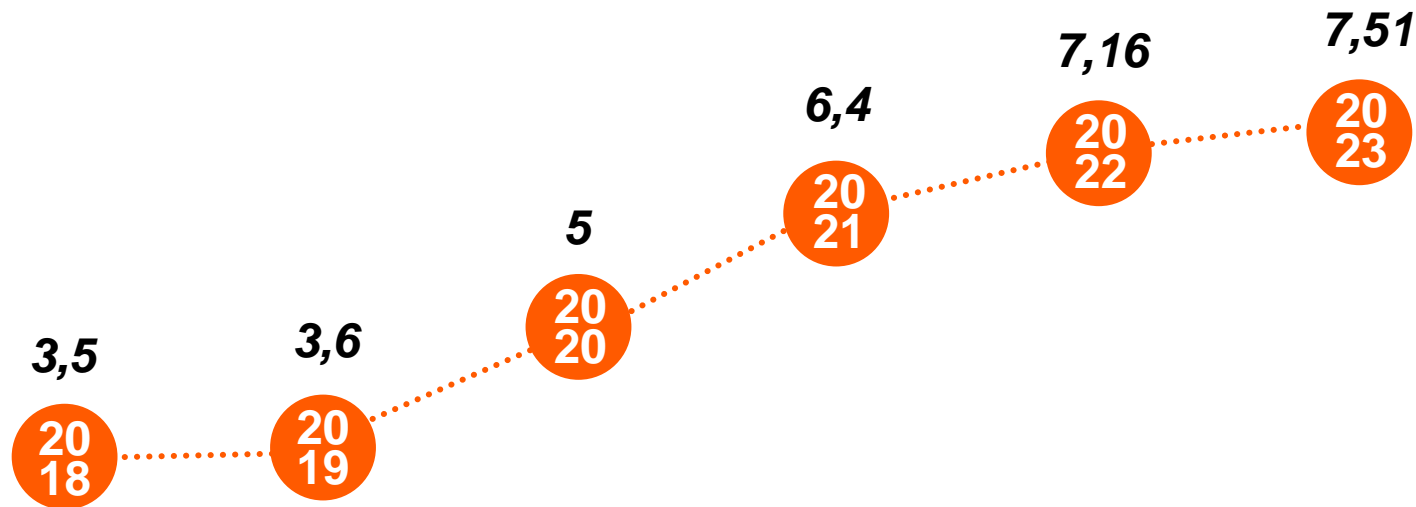


We want to be useful for society

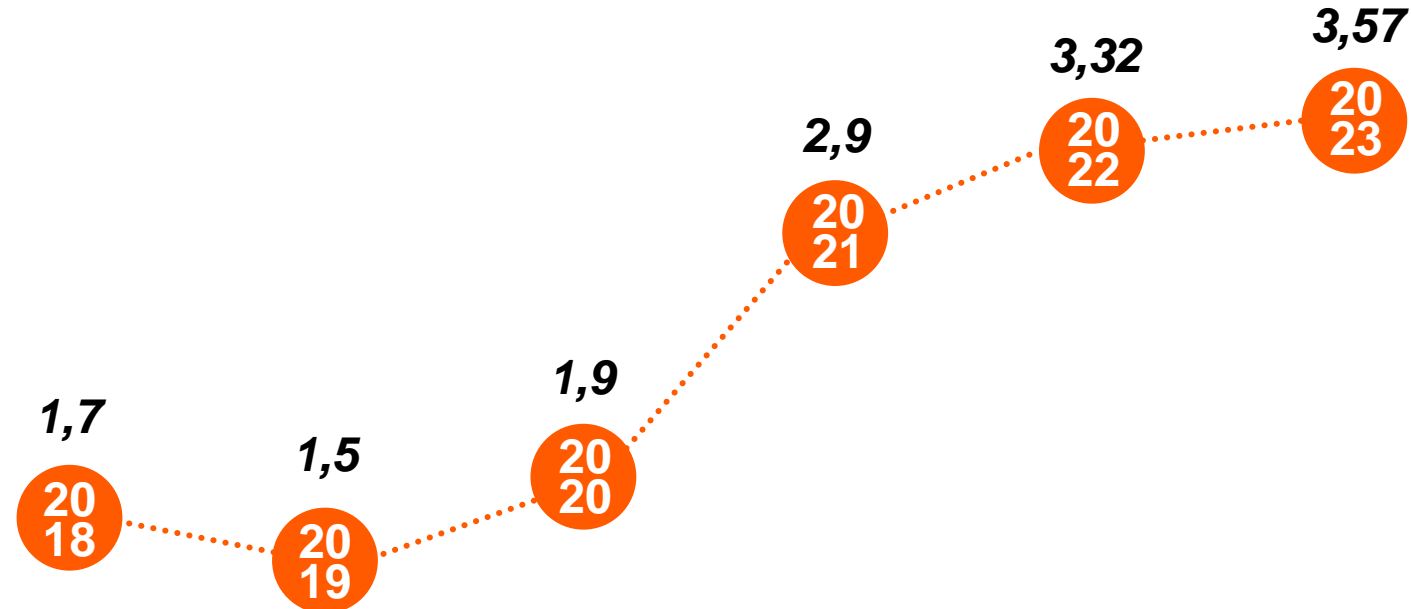
TECNALIA's research has a real impact on society and provides specific solutions to the major global challenges.

Evolution of socio-economic impact indicators

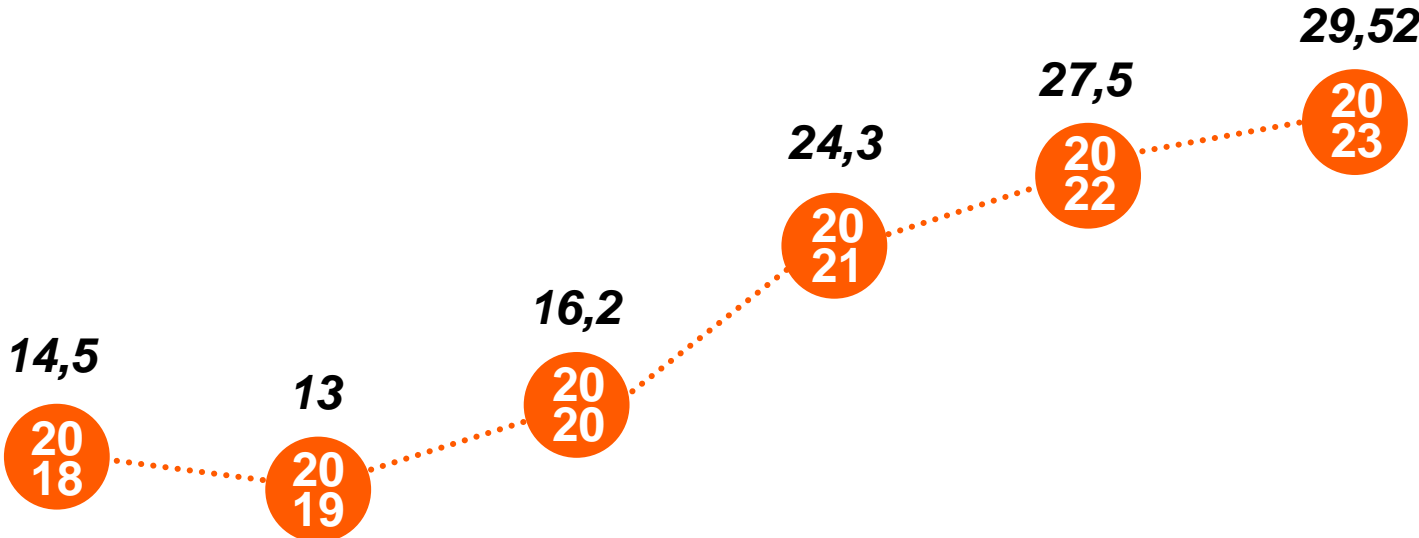
JOB'S MAINTAINED IN BASQUE COUNTRY FOR EACH JOB POSITION IN TECNALIA



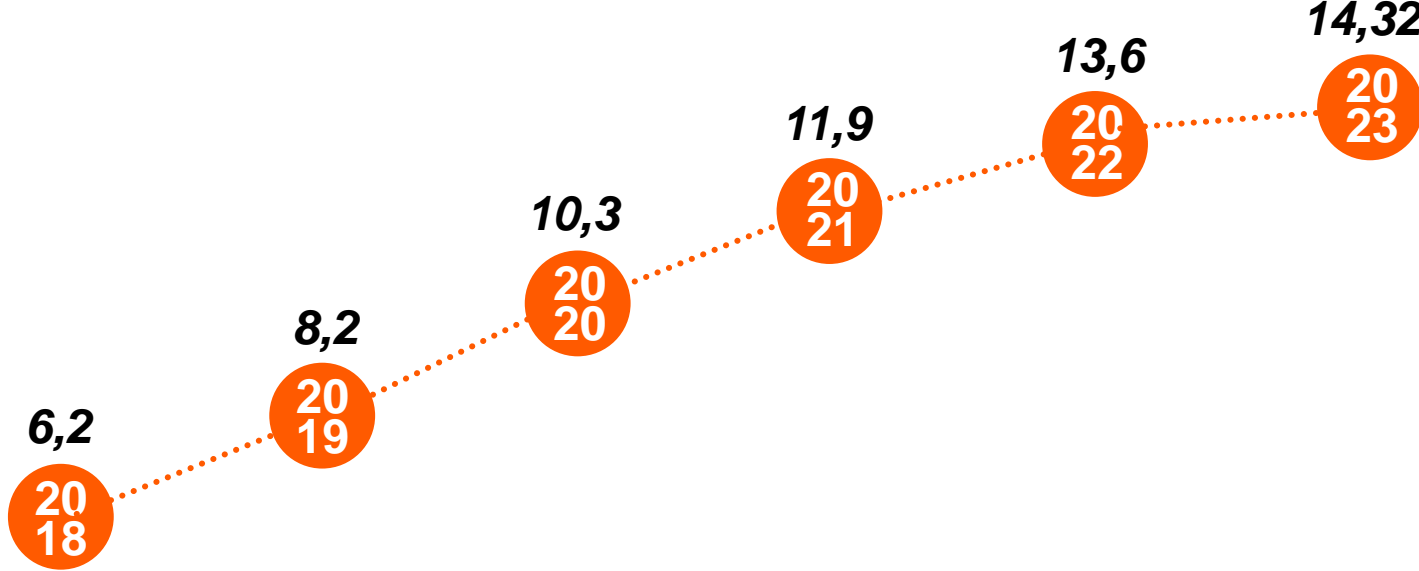
EUROS OBTAINED IN TAX RETURN FOR EACH EURO INVESTED BY BASQUE PUBLIC INSTITUTIONS



EUROS GENERATED FOR EVERY EURO THAT BASQUE PUBLIC INSTITUTIONS INVEST IN TECNALIA



EUROS THAT INCREASE OUR CUSTOMERS' BILLINGS FOR EACH EURO THEY INVEST IN TECNALIA





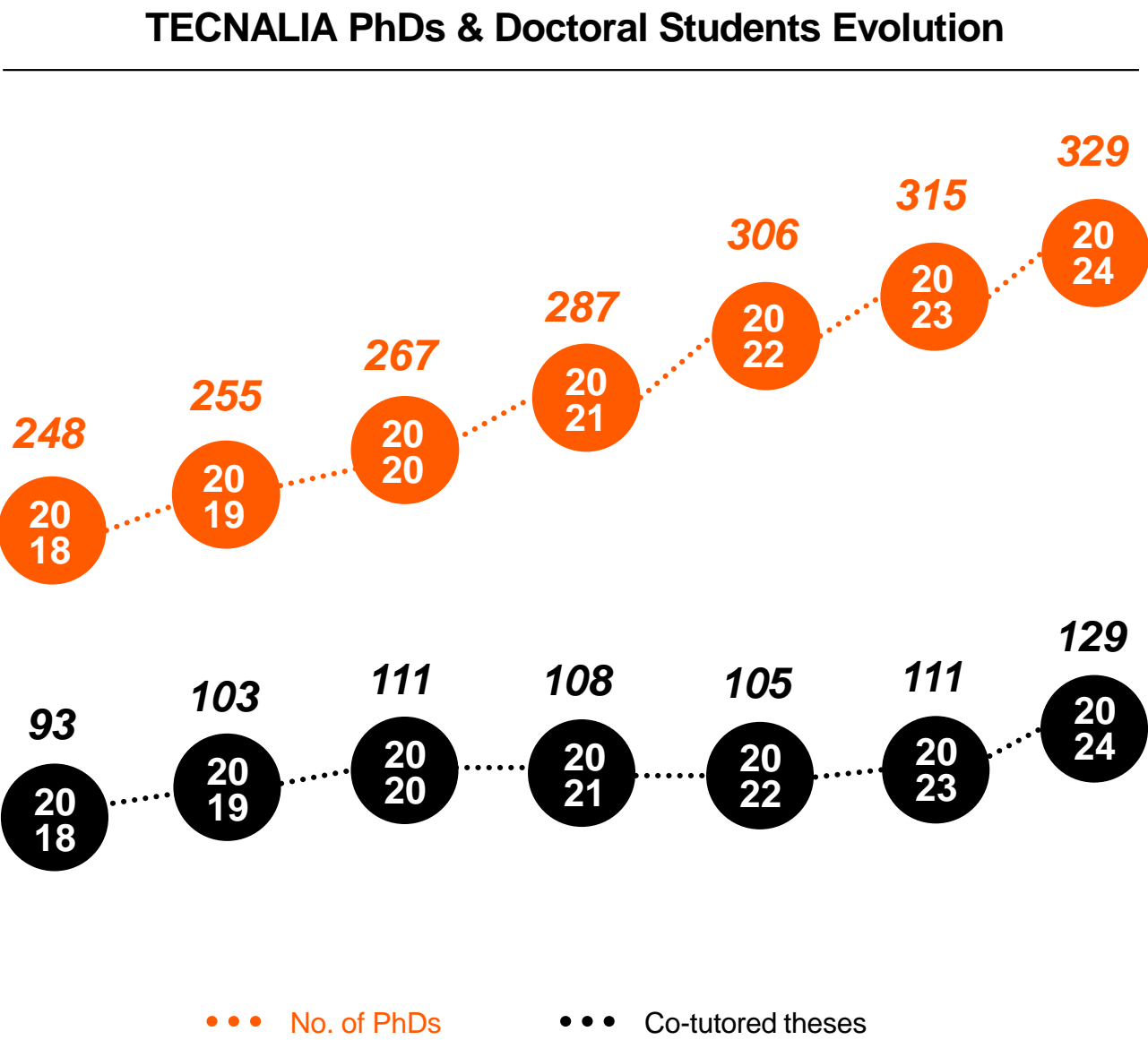
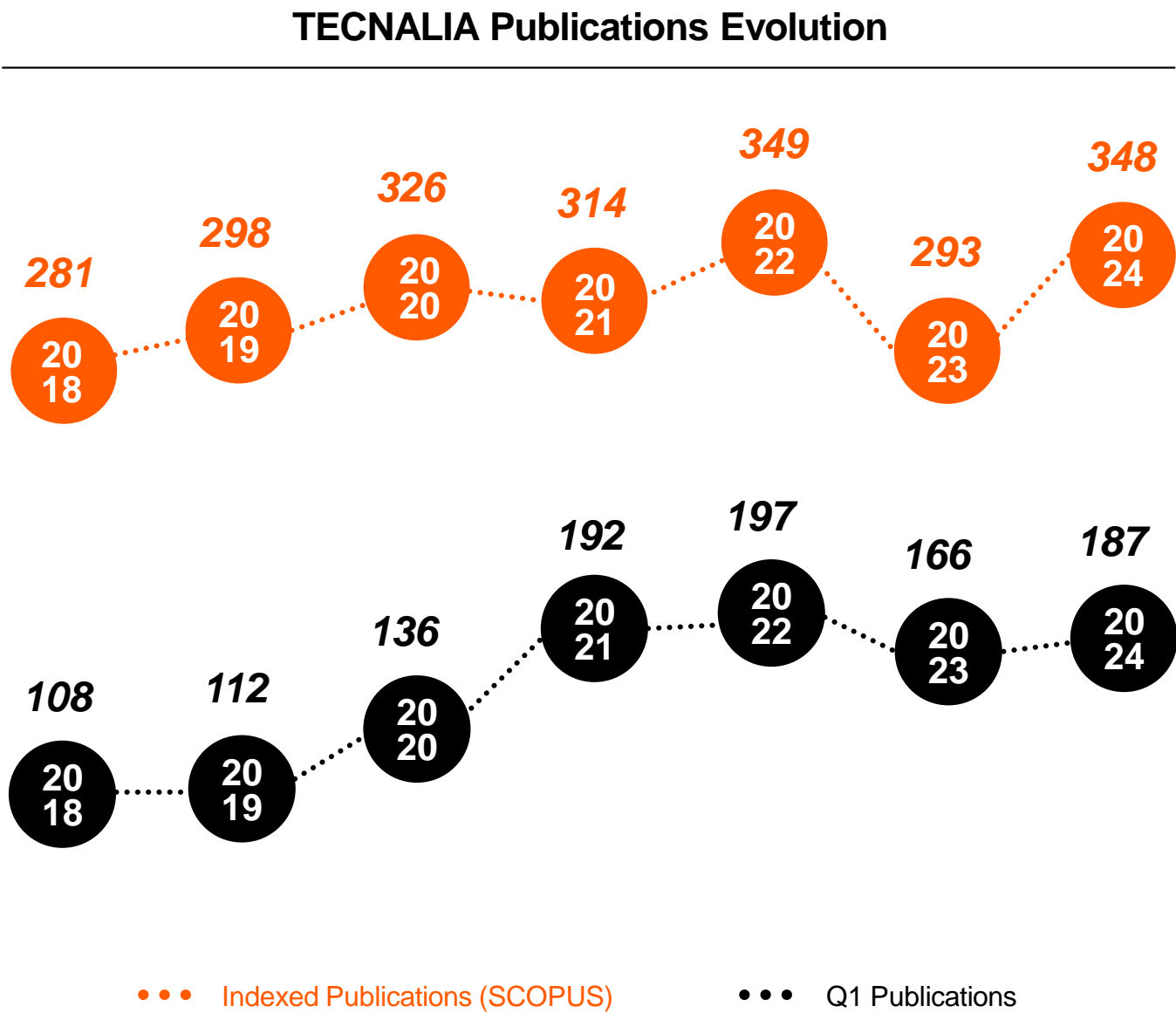
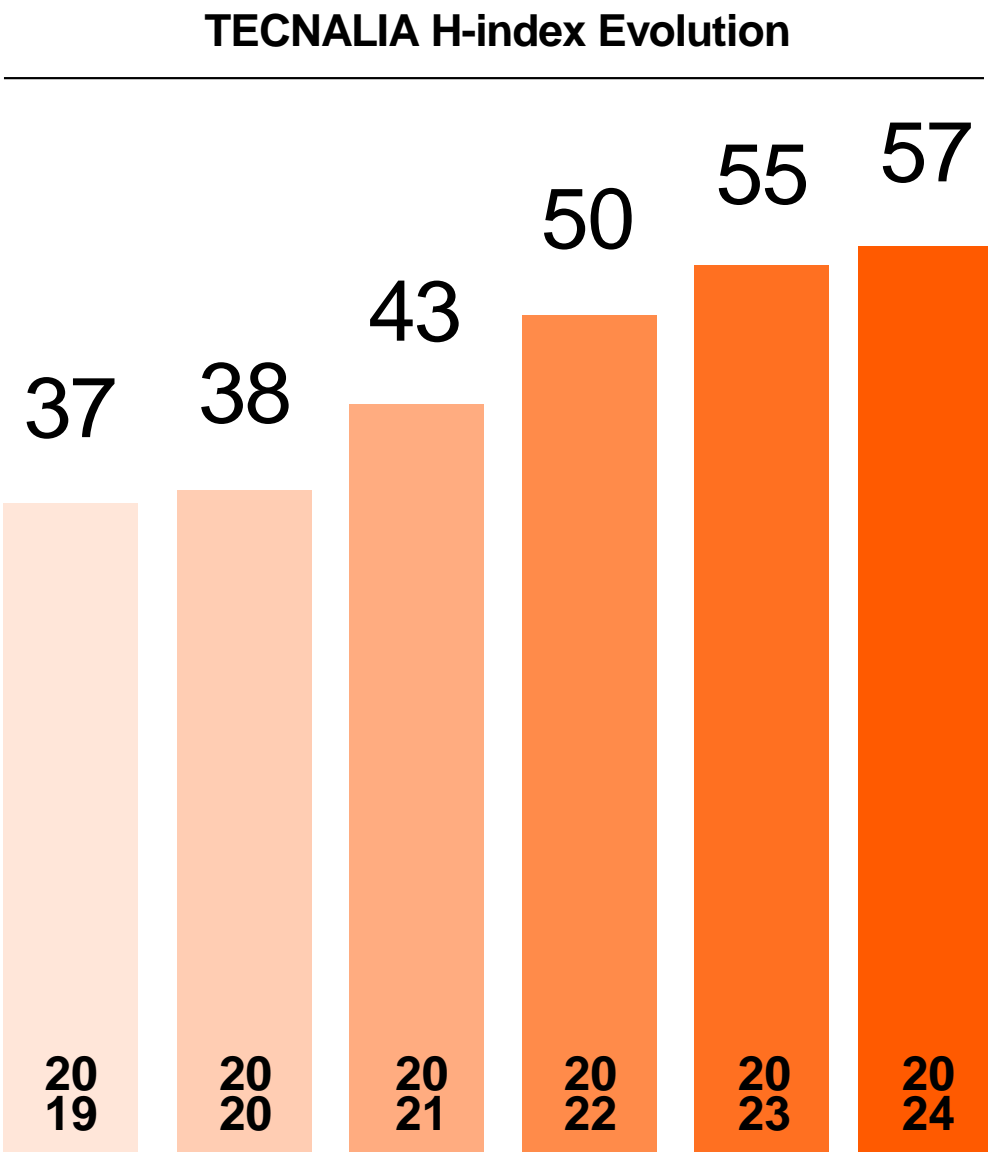
Multi-technological Excellence

**We have a multi-disciplinary team
to anticipate the needs of today
and of the future through
technological hybridisation.**

tecnal:a

MEMBER OF BASQUE RESEARCH
& TECHNOLOGY ALLIANCE

Technological Specialisation



Strategic Focuses of Excellence

Strategic areas due to their value and market potential, in which we seek to find **new solutions to the strategic needs** of companies and society and to **anticipate** the strategic needs of the **future**.

FLEXIBLE
AUTOMATION

CAPTURE
AND MATERIAL
AND ENERGY
RECOVERY
OF CO₂



CYBERSECURITY

DIGITALISATION
AND
HYBRIDISATION OF
ELECTRICITY GRIDS

FIRE
SAFETY

GENERATION,
DISTRIBUTION AND
STORAGE AND
USES OF H₂

AUGMENTED
HMI



LOW ALTITUDE
ECONOMY

MANUFACTURING
PROCESSES AND
MATERIALS FOR
UNIQUE
INFRASTRUCTURE

SMART MEDICAL
DEVICES

SMART
MONITORING

SMARTISATION
OF CONSTRUCTION



TECHNOLOGIES
IN THE
DEVELOPMENT AND
MANUFACTURE
OF MEDICINES

Technological strategy organised in technologies

TECNALIA organises its **Technological Strategy** around those technologies identified in the Technology Plan. In order to maximise the impact of these technologies, TECNALIA structures them into **transversal technologies** (which may have an impact on more than one market) and **vertical technologies** (with an impact on a single market).

All of them are characterised by their technological relevance, scientific- technological capabilities, market demand and research critical mass to achieve the greatest impact on the market.

Transversal technologies

- Robotics, Automation and Mechatronics control
- Cybersecurity
- Computer vision and visual interaction
- Surface engineering
- Artificial intelligence and Big Data
- Metals
- Nanotechnology
- Polymers, composites and bio-based materials
- Embedded electronic systems, power and control electronics
- Software technologies
- Quantum technologies

Specialised technologies

- Adaptation to climate change
- Molecular biology
- Biosynthesis and fermentation
- Structural calculation and fluid-structure interaction
- Air quality and acoustics
- Life cycle and eco-design
- In-service performance
- Reliability
- Galenic development
- Dynamics of offshore systems
- Urban design
- Design and simulation
- Biological assessment
- Extraction and encapsulation
- Physics of the building
- Hydrogen
- Fire engineering
- Cementitious materials
- Meteorology and climate
- Energy models
- Semantic models
- Neural interfaces
- Power systems
- Manufacturing processes
- Sustainable chemistry
- Membrane technology and process intensification
- Waste valorisation technologies
- Photovoltaic technologies
- Thermodynamics

Our essence

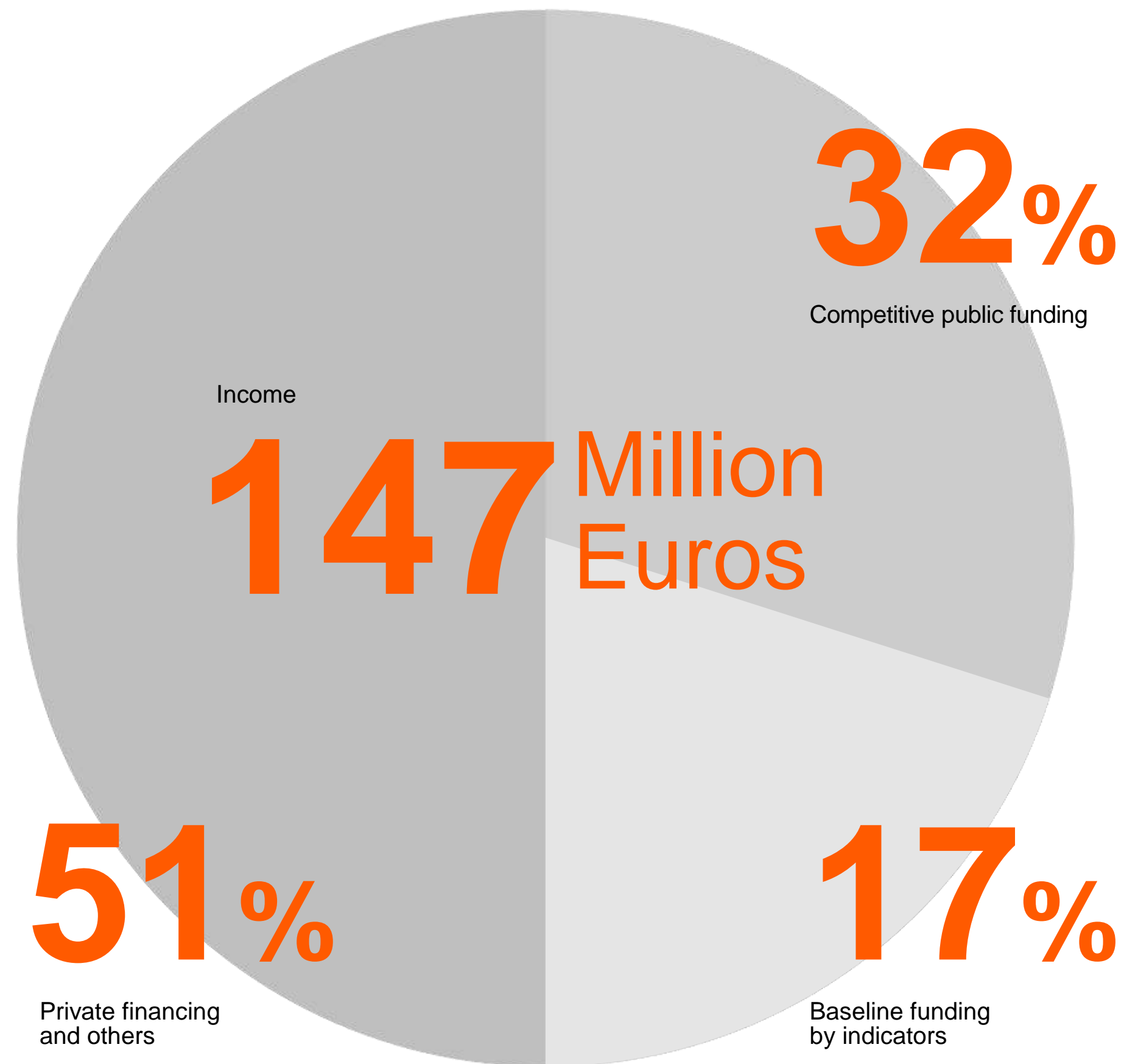
**At TECNALIA, we transform
knowledge into profit for
companies and value for society.**

Through R&D and Innovation, we create solutions that generate economic impact on companies, prosperity for the country and value for society, in terms of quality of life and progress.

To do so, we have adopted our claim,
which sums up this essence:

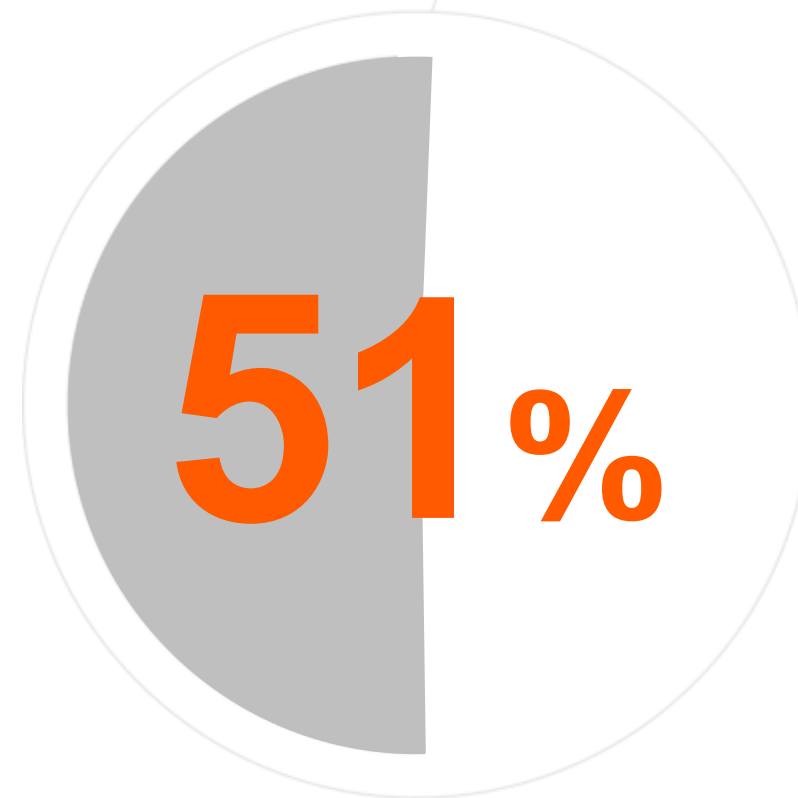
Creating Growth : Improving Society

Balance of activities and their funding

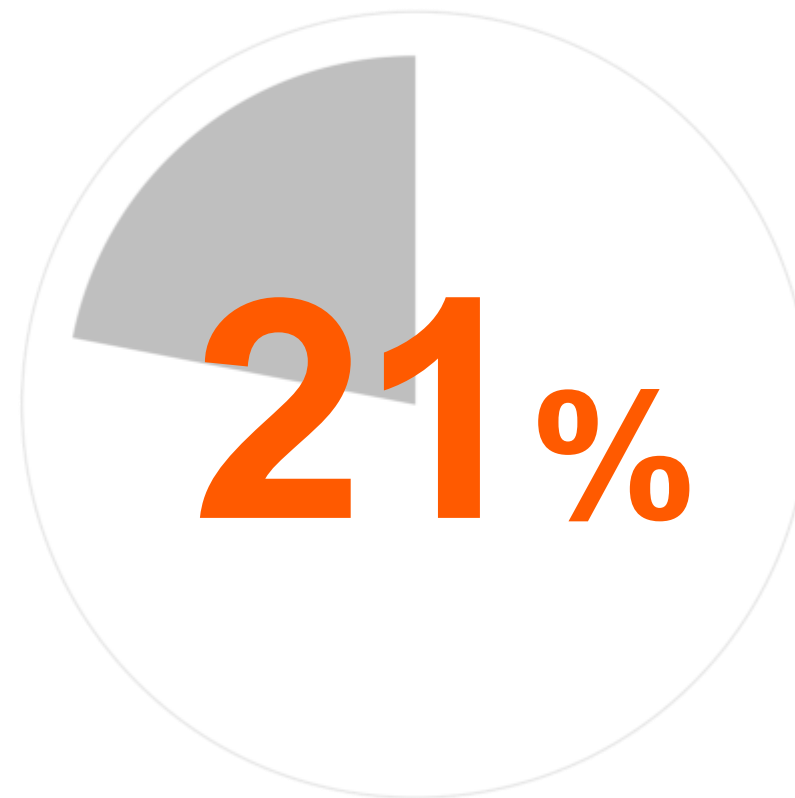


Figures on 31 December 2024

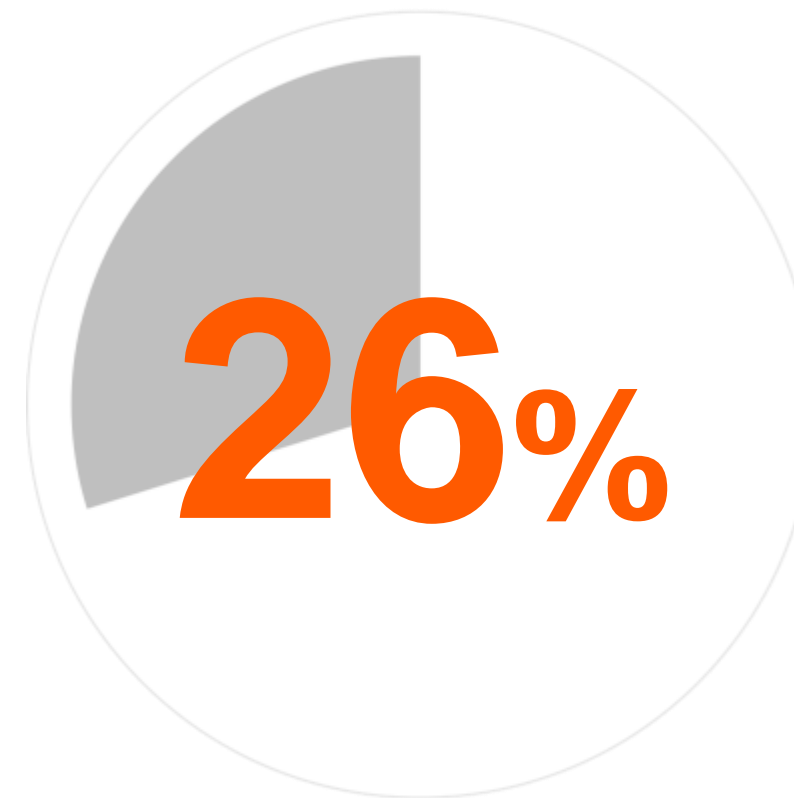
Sources of Funding



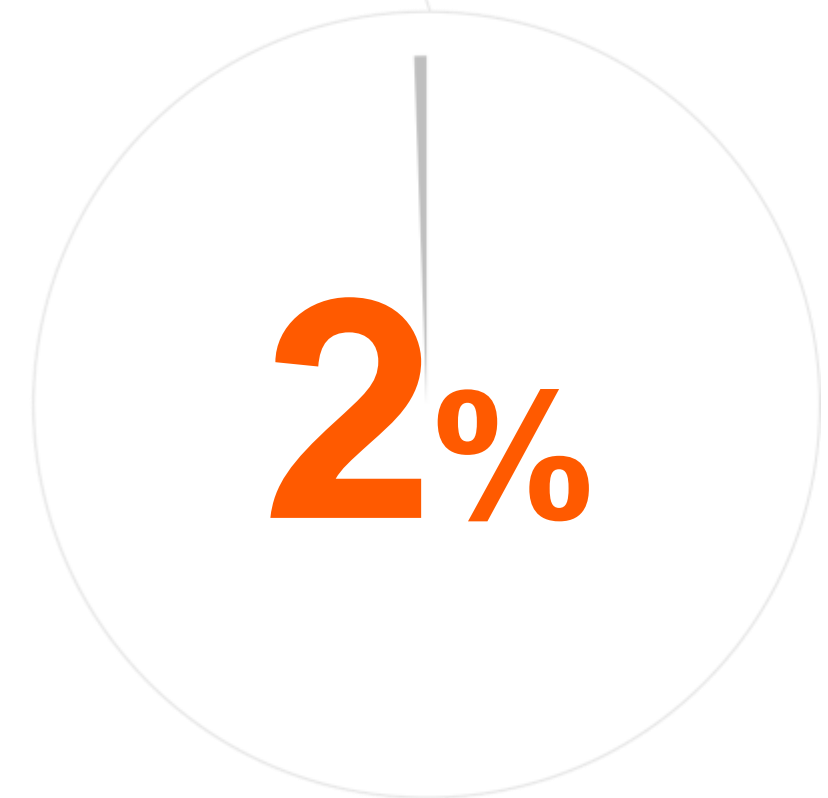
Private
and others



Europe



Basque
Government



Other
Administrations

Proximity to the market

Our objective is to be the **technological partner of all companies**, regardless of their size and R&D and innovation needs.

Scopes of Action



Our scopes of action are aligned with the sustainable development goals (SDG)

With a multi-sectoral and multi-technological perspective, we listen and work with companies to respond to the major global challenges.

In this way, we are able to generate profit for companies and create value for society.



Smart Manufacturing:



In a changing global scenario, we pursue an aim shared with manufacturing companies from all sectors, making a positive impact on their productivity while increasing the competitiveness of their businesses.

To do so, **we are committed to smart, flexible and sustainable manufacturing through digitalisation, automation and eco- efficiency** as drivers of the change that transforms materials and manufacturing processes.

What can we do for you?

- Advanced machines, automation and robotics
- Decarbonisation of industry and the circular economy
- New materials and manufacturing processes
- Digital manufacturing
- Adaptive manufacturing at the service of the person

Further information



Digital Transformation:



We love designing and deploying the digital processes, products and services of the future in an ever more interconnected and **interactive world**. Thus, our digital strategy focuses on three drivers: intelligence, security and new value generation models. Thanks to them, we develop a unique proposal in data economy for product manufacturers and integrators based on cybersecurity, blockchain and artificial intelligence.

What can we do for you?

- Quantum technologies
- Artificial Intelligence
- Robotics and cognitive systems
- Advanced systems for interaction and worker 4.0
- High-performance computing for Big Data
- System lifecycle and DevOps
- Cybersecurity and confidence
- Internet of Things (IoT)
- Sensors and actuators
- Computer vision
- Smart maintenance

Further information



Energy Transition:

We contribute to in-depth energy decarbonisation by developing technological solutions that make renewable energies more competitive, foster smart electrification of energy systems and unleash the potential of hydrogen as a high-value energy vector to be climate neutral by 2050.

What can we do for you?

- Renewable energy
- Smart grids and storage
- Positive energy buildings and districts
- Industry decarbonisation
- Decarbonised mobility
- Digitalisation of energy
- Energy transition materials
- Climate-energy strategy and environmental sustainability

Further information



Sustainable Mobility:



We design and develop technologies and new business models that contribute to the shift towards a future scenario **in which mobility has a low environmental impact and is connected, efficient, safe and inclusive.** This includes improving transport vehicles, communication systems and energy infrastructures, as well as their interaction and integration into urban and interurban ecosystems.

What can we do for you?

- Hybrid and electric vehicles
- Automated and teleoperated driving
- Alternative energies for sustainable mobility
- Intelligent transport infrastructures
- Intelligent mobility management
- New mobility concepts:
 - New aerial architectures
 - Autonomous aircrafts
 - Aerial robots
 - Special vehicles

Further information



Health and Food:

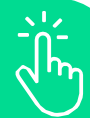


We generate innovative solutions to society's health challenges in the stages of prevention, diagnosis, prognosis, intervention, treatment and rehabilitation **based on the sector's regulations.**

What can we do for you?

- Smart medical devices
- Neurotechnology and Bioelectronics
- Medical robotics
- Diagnostic devices
- Digital health
- Advanced pharmaceutical technologies
- Cosmetics
- Healthy and sustainable food
- Personalized nutrition
- Monitoring and automation of agri-food processes
- “Augmented” worker

Further information



Urban Ecosystem:

We contribute to the positive transformation and development of cities and regions by implementing a set of people-oriented technology innovation solutions to develop smart, low-carbon urban environments.



What can we do for you?

- Smart eco-materials
- Smart buildings
- Energy in buildings and cities
- Resilience and climate change
- Urban and territorial transformation
- Healthy city
- Urban mobility
- Smart infrastructures

Further information



Circular Economy:



We work towards a circular economy as the **driving force for change and an ecological transition vector**, to help companies and society as they make the much-needed change towards **a sustainable circular economy development model**. Our strategy is based on three drivers: **minimising** raw material consumption and waste generation; **extending the useful life** of products and assets as much as possible; and **generating value from waste**. Our value proposal is based on these drivers, and we apply, throughout the entire life cycle, combinations of strategies and technological solutions to achieve circularity.

What can we do for you?

- Natural resources and sustainability
- Product and process eco-design
- Circular industry
- Circular cities & regions
- Waste recovery and recycling
- Digitalisation for circular economy
- Bioeconomy

Further information



Relationship models with companies





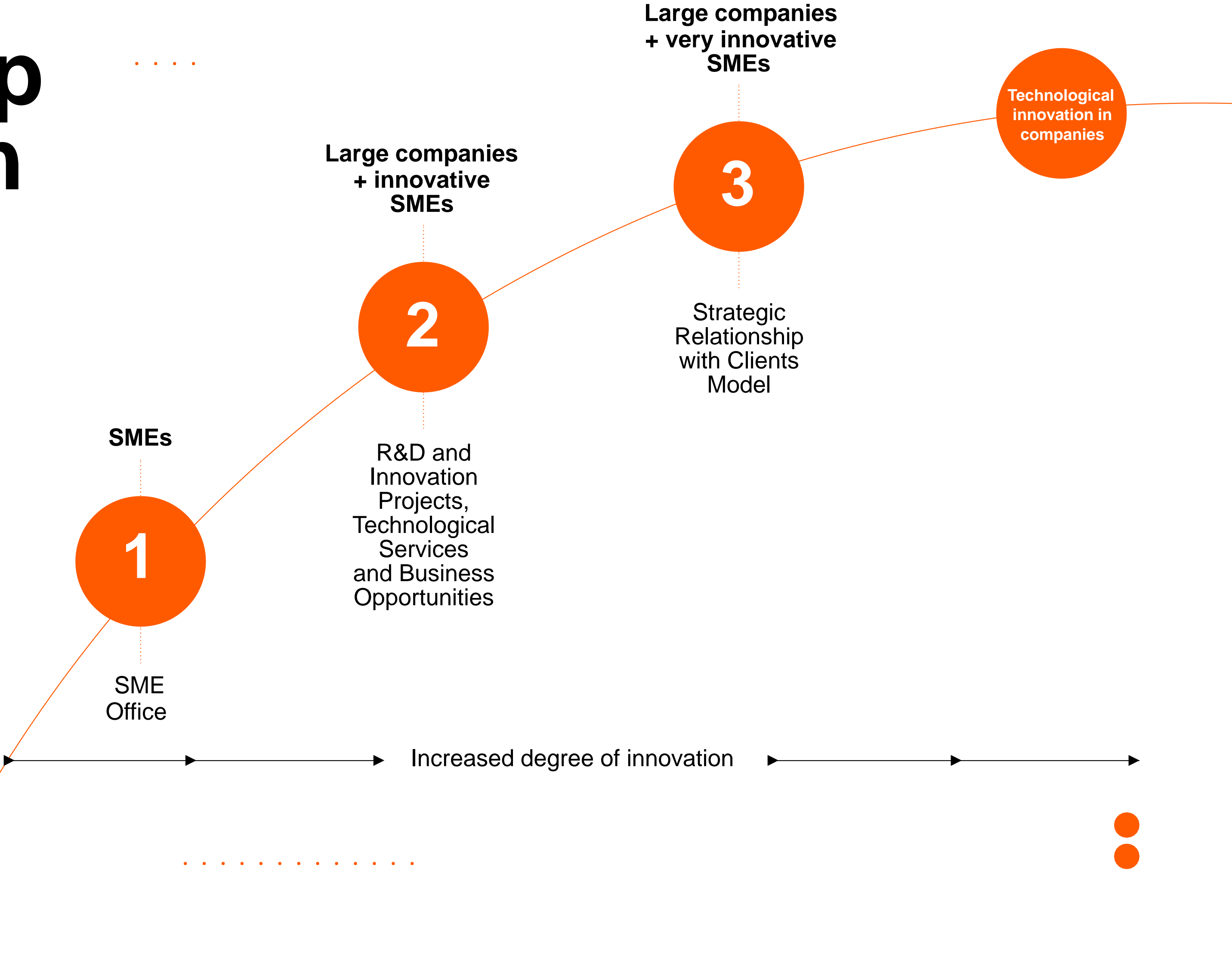
**We want to be the
technological partner of all
companies to generate high
impact business opportunities
through technology.**

Together, we can provide specific
responses to the needs of the future.



Relationship models with companies

TECNALIA's Relationship Models with Companies vary according to their degree of Technological Innovation, adapting to the needs of each Company.






1
Laboratory services

R&D and Innovation projects
2



Development of Investment Opportunities
3



Laboratory services.

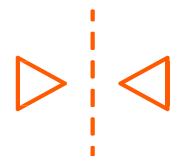
With more than **60** years of experience, **250** professionals and **30,000 m²** of accredited laboratories with unique facilities nationwide, we **validate** new **developments and manufacturing processes**. We also **evaluate and certify** the **safety, durability and suitability** for use of systems and products to accelerate their access to the market. Thanks to our **multi-technology and multi-sector knowledge**, we create synergies with R&D teams to offer higher **value-added** services that improve safety and sustainability.



Security



Trust



Proximity

1

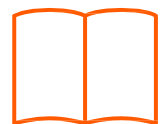


Item analysis	Monitor
Superficies	5334971
Superficies	5334972
Superficies	5334973
Superficies	5334974
Superficies	5334975
Superficies	5334978
Superficies	5334979
Superficies	5334980
Superficies	5334981
Superficies	5334982
Superficies	5334983
Superficies	5334984
Superficies	5334985
Superficies	5334986
Superficies	5334987
Superficies	5334988
Superficies	5334989
Superficies	5334990

2

R&D and innovation projects

As strategic partners for your company, **we develop customised R&D and innovation projects** with a sole purpose: to generate impact on your business through technology.



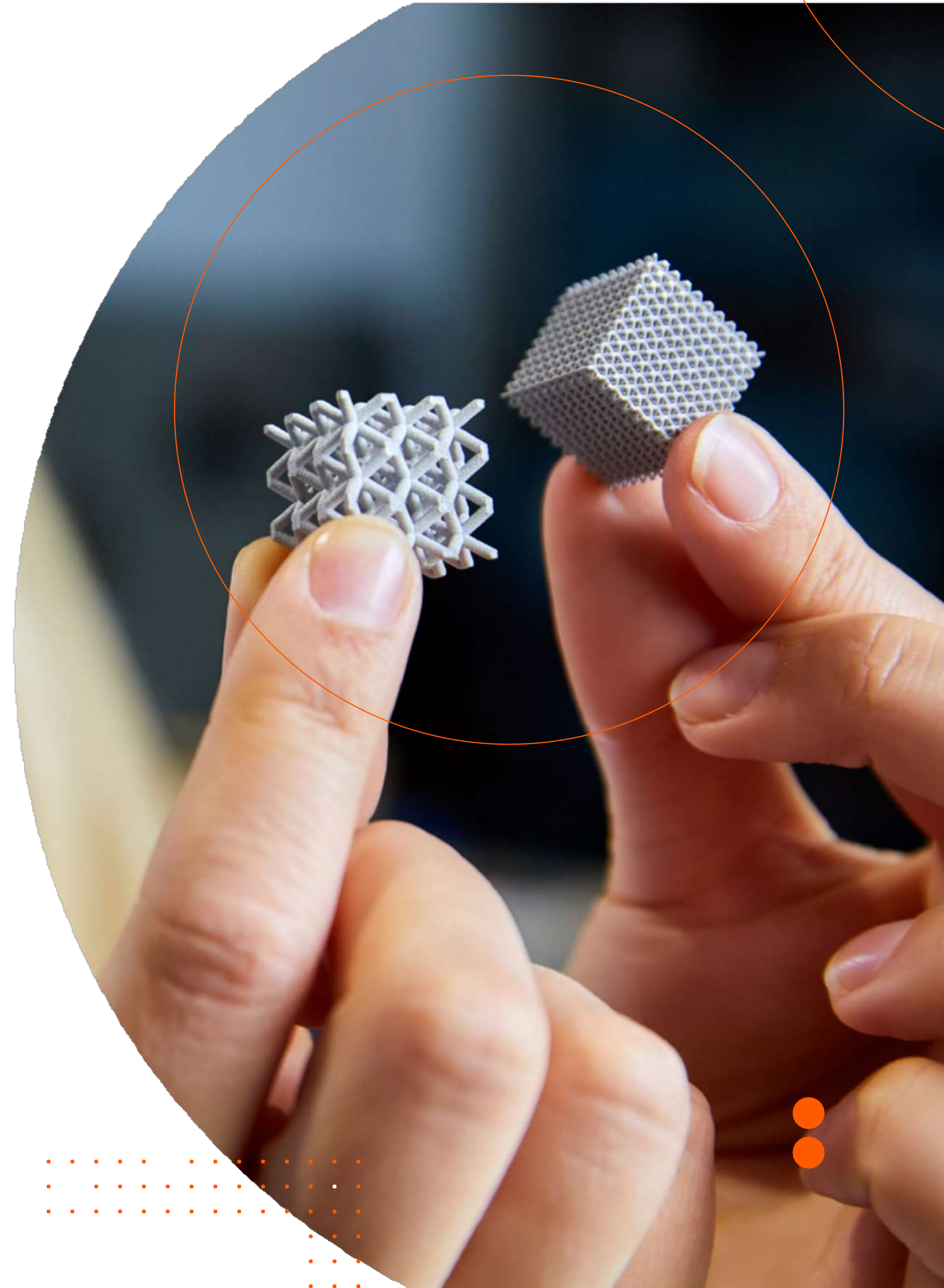
Research



Development



Engagement



Development of investment opportunities

Through **TECNALIA Ventures**, we help you to address your R&D appraisal problems and make your business grow. To do so, we connect you with the three pillars of the technology transfer to market process:



Technological capabilities aimed at improving your income statement.



People with a business profile who are able to turn these capabilities into business.



Investors committed to business development.

3



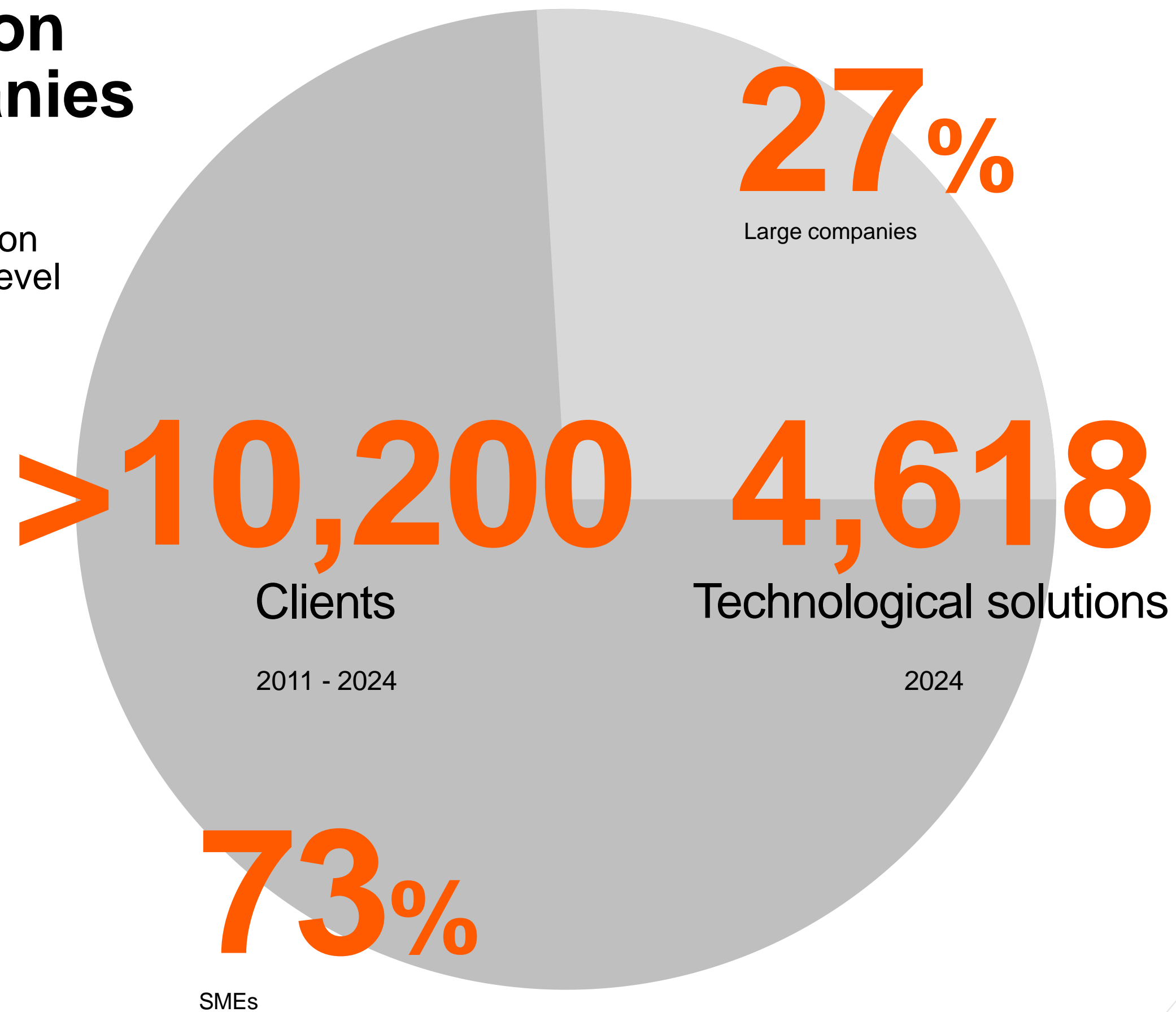
Collaboration with companies

We are committed to
the closest collaboration
to obtain the highest level
of satisfaction for you.

Satisfied
clients*

8.8
10

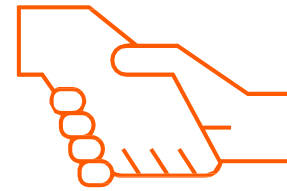
* Client satisfaction index for 2024.



Business engagement

Deeply rooted in the business community with strong institutional backing, TECNALIA has a solid foundation to become your business driver.

Over 100 companies participate in
.. our Governing Bodies.



24

Patron Trustees

Companies



8

Institutional Trustees

Basque Government, General State Administration,
Provincial Councils



A large, circular, microscopic view of cells, possibly a cross-section of a fruit or a biological specimen, is centered on the page. The cells are filled with various organelles and structures, creating a complex, textured pattern. The background is a solid, vibrant orange color. The title "Dual Impact Stories" is written in a large, white, sans-serif font, centered over the image. Below the title, a subtitle in a smaller, white, sans-serif font reads: "Creating **profit** for companies only makes sense if it generates **value** for society." The words "profit" and "value" are bolded. In the bottom left corner, the website "tecnalia.com" is written in a small, white, sans-serif font. There are also two small white dots on the left side of the image, near the bottom, and two small white dots on the right side, near the top.

Dual Impact Stories

Creating **profit** for companies
only makes sense if it
generates **value** for society.



Stories that, when told,
can respond to our brand claim.

Creating Growth : Improving Society

GESTAMP

Advanced manufacturing processes in the automotive industry



Miguel Ángel Ferrández
R&D BIW Bilbao
Director GESTAMP

“In conjunction with TECNALIA, thanks to the implementation of advanced manufacturing processes in the automotive industry, we have succeeded in reducing energy consumption, CO₂ emissions and production costs.”



MORE INFO

tecnalia.com



TECNALIA's collaboration with GESTAMP has enabled the development of a pioneering software that enables us to modify the manufacturing processes of automotive components and adapt them to more flexible, lighter and large-scale materials.

As a result of this collaboration, we produce components for the automotive sector that address today's environmental requirements.

ACLARA

Equipment and component manufacturers for the electrical and power sector



Pedro Urteaga
President of
Global IEC Engineering
ACLARA-HUBBELL

“In conjunction with TECNALIA, we create new products and solutions that allow for a more responsible and sustainable use of energy.”



MORE INFO

tecnalia.com



At the ACLARA (Hubell) engineering excellence centre, TECNALIA's multi-technological know-how is turned into innovative solutions that foster a decarbonised, electrified and more digitalised energy model.



We are living in an era in which shared knowledge is a powerful tool to come up with solutions that add value to society.

IMQ

**Leading private
healthcare company in
the Basque Country**



Nicolás Guerra
General Manager
IMQ Clinics

“In conjunction with TECNALIA, we develop smart solutions to improve working conditions and the quality of working lives in order to reduce the amount of work-related accidents and occupational diseases.”



MORE INFO

tecnalia.com



**IMQ and TECNALIA are
collaborating actively on a
pioneering project to develop
new generations of personalised
exoskeletons to prevent
straining and musculoskeletal
injuries.**

**Thanks to these improvements,
cost-effective technological
tools will be created, adapted to
the market's current needs.**

VIDRALA

Producers of more than
8 billion glass containers
a year



Soraya Villa

**Operations Data Systems
Manager VIDRALA**

“In conjunction with TECNALIA,
we have learned that applied
technology can be a great tool
for detecting and solving
everyday problems in industry,
resulting in more sustainable
products.”



MORE INFO

tecnalia.com



The collaboration between
VIDRALA and TECNALIA addresses
a very common problem: the
appearance of bubbles in glass
containers. In search of a solution,
TECNALIA's full technological
potential and VIDRALA's
experience in glass manufacturing
have been combined.



We have managed to create a unique
technological solution in the sector that
allows us to calibrate the furnaces even
better to control the production process,
fine-tune the quality of the products and
reduce energy consumption,
which benefits companies and
society as a whole.

ALUCOIL

Manufacturers of
technologically advanced
materials for the building,
transport and industrial
sectors



Belén Martín
ALUCOIL General Manager

“In conjunction with TECNALIA,
we are addressing a new market
situation with innovative
solutions, in which housing is
more sustainable and integrated
into a new, more inclusive urban
model.”



MORE INFO

tecnalia.com



ALUCOIL and TECNALIA
embarked on a collaboration
that aimed to study a new
façade cladding system using
aluminium honeycomb panels.

**Together, we have created
new solutions to make housing
more sustainable and integrated
into a new, more inclusive
urban model, and to make
people’s lives safer.**

INKOLAN

Supplier of digital information on water, gas, electricity, telecommunications and municipal network infrastructures



Lucía Alcibar-Arechuluaga
Business Development
Director, INKOLAN

“With TECNALIA we tackle the digital transformation of the cities of the future in an efficient way, counting on a differential factor: data.”



MORE INFO

tecnalia.com



The collaboration between INKOLAN and TECNALIA is especially important, because we have worked together on the design and application of digital twins in urban contexts.



Our work involves a software architecture that virtually replicates a city's water, gas, electricity, telecommunications, and network infrastructure. Then, smart data helps us to understand how the infrastructure works in a global and integrated way.

NORBOLSA

Investment services
company with more than
30 years of history



Iñaki Varela

**Deputy General Director
of Media NORBOLSA**

“At NORBOLSA, we wanted to take advantage of this technical experience and knowledge to be able to build and deploy a financial solution for the placement of promissory notes.”



MORE INFO

tecnalia.com

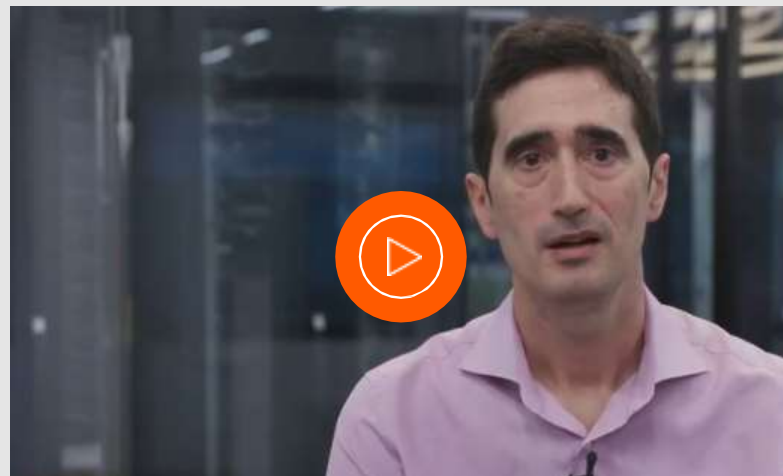


**NORBOLSA and TECNALIA
embarked on a pioneering
collaboration to create a
technology platform based on
smart contracts that will enable
financial instruments to be placed
among different stakeholders
rapidly, safely and transparently.**

**Thanks to the potential of Blockchain
and Web3, we will be able to create
safe and agile innovative solutions
adapted to all types of business and
applied to the specific needs of
society.**

i-DE

**Iberdrola group
electrical distribution
company**



Zigor Ojinaga
**i-DE Substation Standardization
Manager**

“Thanks to the use of new generation
tools and equipment we manage to
save time, costs and remotely solve
potential incidents that may occur.”



MORE INFO

tecnalia.com

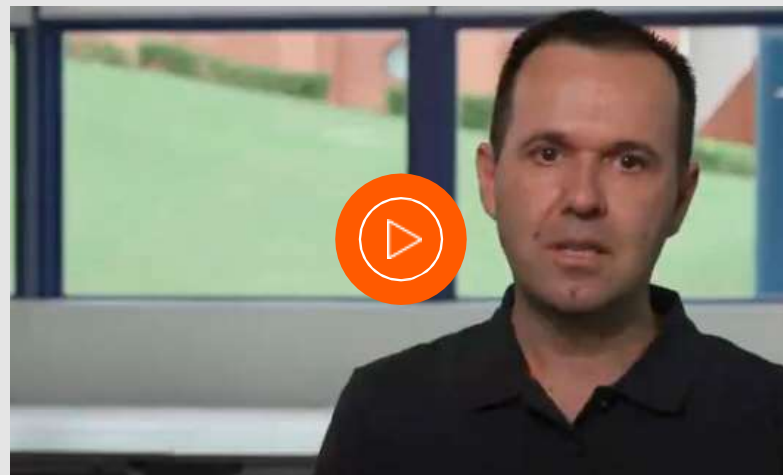


**i-DE and TECNALIA have
embarked on a collaboration
that aims to define the new
requirements for the functional
validation and cybersecurity of
the electrical grid equipment in
order to guarantee the efficiency
of supply and, in turn, comply
with the most demanding
verifications.**

**We are developing a
technological solution that
seeks greater energy efficiency
and provides numerous
benefits for companies and
for society as a whole.**

COREMARINE

Utilities and power generation



Carlos López
Technology Director,
COREMARINE

“We develop innovative inspection and monitoring solutions that significantly reduce the need to access devices installed at sea.”

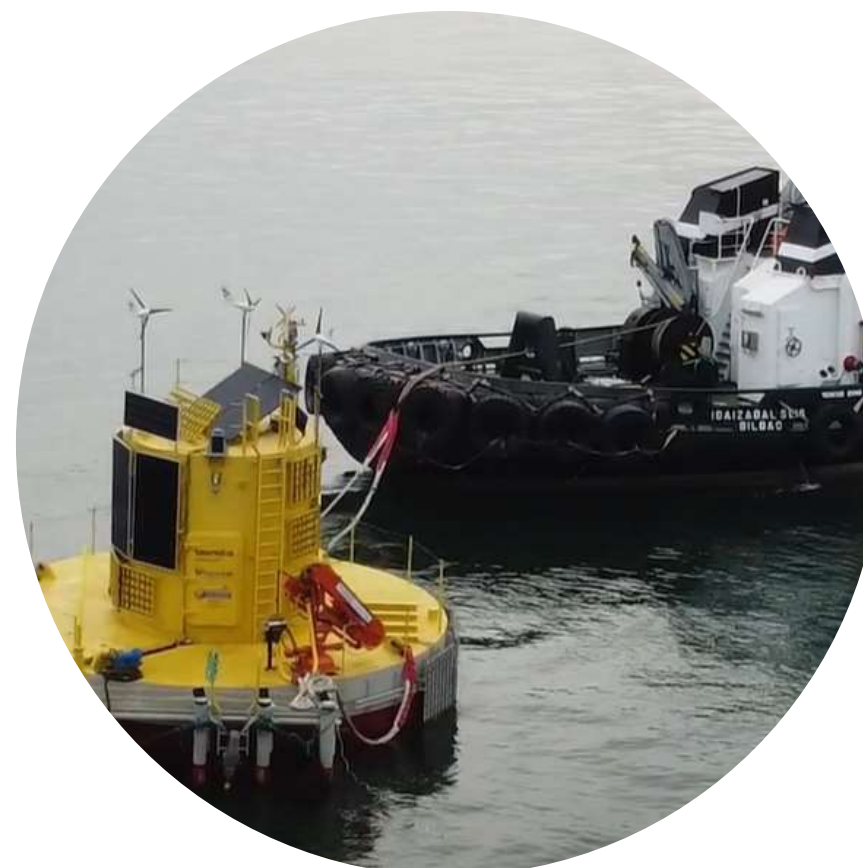


MORE INFO

tecnalia.com



The collaboration between **COREMARINE** and **TECNALIA** comes in, based, among others, on making the complex and costly operation and maintenance activities of floating wind power more efficient.



This is an innovative way of applying digitalization to solve problems related to marine energy. A project that allows us to reduce process costs and facilitates the commercialization of floating wind energy.

FERSA

Complete
bearing solutions
for the automotive
industry



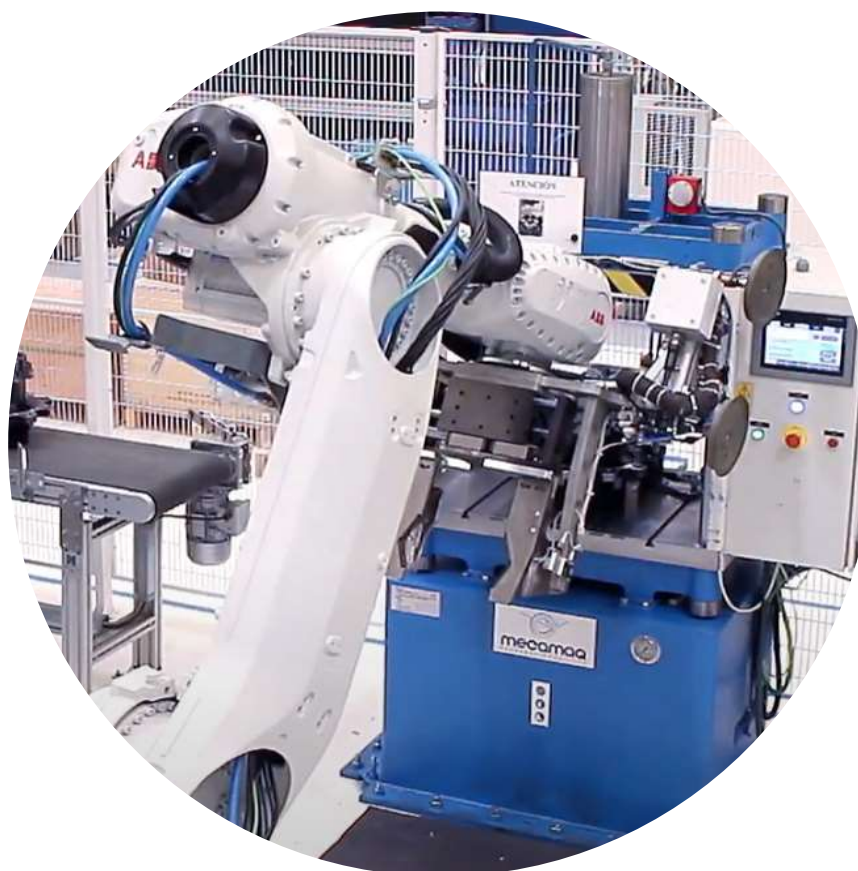
Fernando Cebrián
Operations Director
FERSA

“We developed an innovative technological solution that improves the operational efficiency of production processes, increases product quality and reduces the environmental impact derived from manufacturing.”

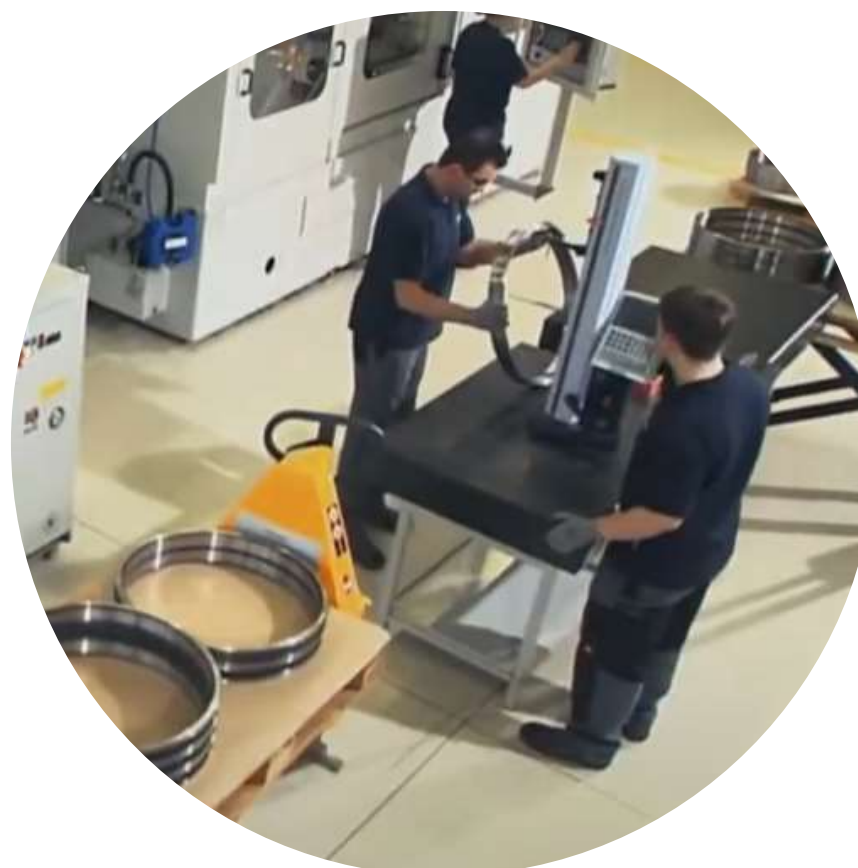


MORE INFO

tecnalia.com



The collaboration between FERSA and TECNALIA is based on innovation and artificial intelligence, having developed a data management tool that integrates simulation models from a bearing production line and Artificial Intelligence to control the process.



It is a solution that provides multiple advantages to the industrial sector, the environment and society as a whole.

CIE AUTOMOTIVE

**Components,
assemblies and
subassemblies for the
automotive market**



Óscar Valbuena
Processes engineer
CIE

“We design a new manufacturing route through the hybridisation of two technologies to produce toothed geometries.”



MORE INFO

tecnalia.com



**Thanks to the collaboration
between CIE and TECNALIA
we have developed
an innovative solution
for the differential assembly
of vehicles of the future.**



**Thanks to the combination of
these two advanced manufacturing
processes, we have achieved greater
efficiency by increasing savings in
raw materials, which also leads to a
reduction in the energy consumed
and the final machining costs.**

VAILLANT SAUNIER DUVAL

Leaders in the
heating and ventilation
technology industry



Ricardo Fernández
Pre-sales support engineer
in VAILLANT SAUNIER
DUVAL

“We have created a heat pump
that works alongside
photovoltaic energy
to optimise comfort levels
using renewable energy.”



MORE INFO

tecnalia.com



Thanks to the collaboration
between VAILLANT SAUNIER
DUVAL and TECNALIA,
we have carried out a series
of tests in laboratories with
controlled spaces, which
have allowed us to reproduce
the real behavior of the system.



This is a new business opportunity
which integrates renewable energy
into our lives, and the opportunity
to save on monthly bills.

CINFA

Leading laboratory
in the Spanish
pharmaceutical market



Francisco José Aranda
Quality Director
CINFA

“This alliance is the result of a trust-based day-to-day relationship which has led us to create a working team able to address all the drug production phases.”



MORE INFO

tecnalia.com



The collaboration between
CINFA and TECNALIA
arose with the objective
of expanding our
joint development and
production capacity.



This alliance gives us the opportunity
to provide society with accessible
quality medicines, so that everyone
can enjoy better health for longer.

OPTIMUS3D

Health and medical devices



Izaskun Arriaga

Medical Device

**Technical Manager -
OPTIMUS3D**

“The introduction of biomedical engineering into the field of healthcare makes it possible to personalise surgical and rehabilitation treatments, providing greater benefits and solutions.”



MORE INFO

tecnalia.com

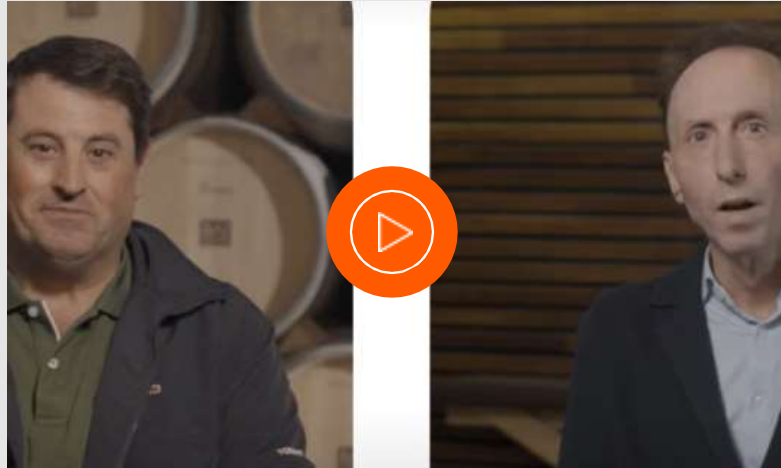


The collaboration between TECNALIA y OPTIMUS3D Health, has come up with an innovative solution that provides a business opportunity by adding a new, unique medical device to our portfolio of products.

Thanks to this collaboration, we provide a treatment superior to conventional treatment that prevents muscles from weakening, reduces pain and, ultimately, improves the lives of people suffering from rhizarthrosis.

BAIGORRI & EGUIA

Food and beverages



Simón Arina

Technical Director / Oenologist -
BAIGORRI

Íñigo Eguia
CEO - EGUIA

“This collaboration was born,
with the goal of making the most
of the beneficial properties of
grapes by developing new
products.”

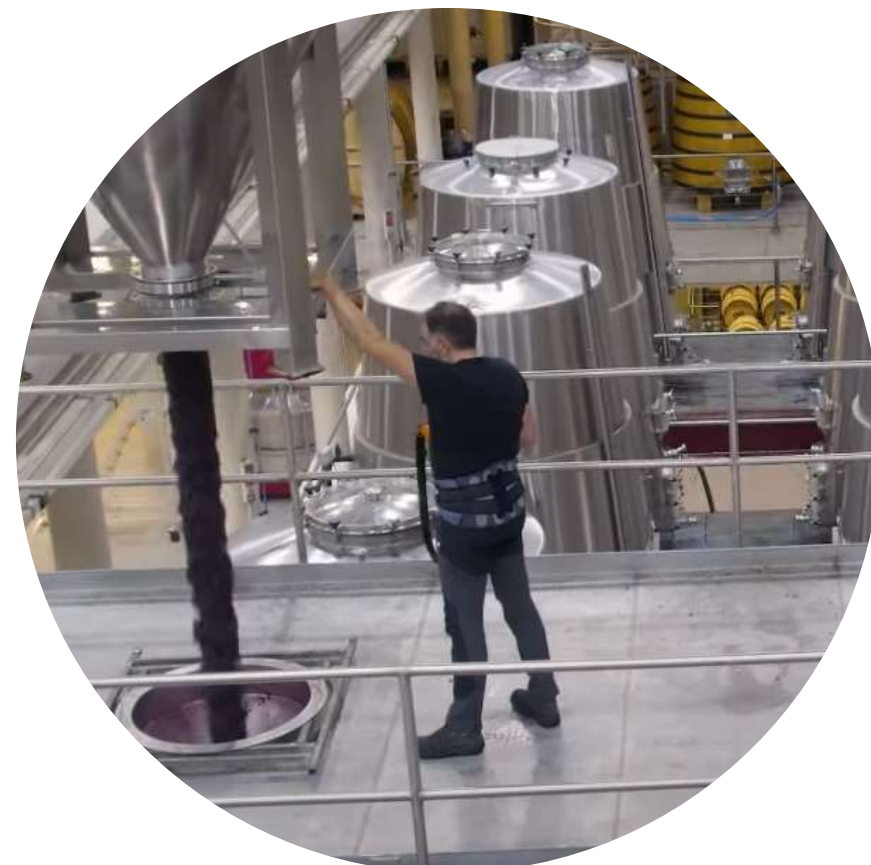


MORE INFO

tecnalia.com



We have studied different grape varieties and characterized the by-products generated during the winemaking process to develop new natural products; focused on sports nutrition in the case of BAIGORRI and creating a new line of coffees with multiple health benefits in the case of EGUIA.



Thanks to this collaboration, we add value to the by-products generated during the winemaking process, contributing to environmental sustainability.

TDG

Smart machinery



Fernando Santamaría
**Sales and Marketing
Director - TDG**

“The collaboration between TECNALIA and TDG arises from the need for companies to constantly evolve their businesses, work processes and technologies”.



MORE INFO

tecnalia.com



Thanks to this collaboration a machining clamping solution has been found, that uses wireless sensors to monitor the clamping force dynamically and provides real-time information, making it possible to offer a safer clamping solution



In addition, new knowledge and field of exploration has been acquired, allowing TDG to expand its product portfolio, as well as to guarantee its customers greater job security.

BASF

World's largest
chemical company



Xavier Ribera
Head of Communications,
Govern Affairs and
Sustainability -
BASF Spain & Portugal

"The collaboration between
TECNALIA and BASF stems
from an increasingly digitalized
world and companies's pursuit
of more efficient processes".



MORE INFO

tecnalia.com



**TECNALIA and BASF have
collaborated with the goal of
developing a reliable solution to
digitalize and automate both
insect counting and the
subsequent access to collected
data and reported results.**

**On one hand, farmers benefit
from more efficient R&D processes;
on the other hand, society benefits
from more effective and sustainable
products that ensure food quality.**

Alliances

Alliances :

							
<u>aQuantum Quantum software engineering and programming</u>	<u>BCAM - Basque Center for Applied Mathematics</u>	<u>BRTA</u>	<u>CIC biomaGUNE</u>	<u>DIPC</u>	<u>EARTO</u>	<u>Escuela Universitaria Politécnica de La Almunia Universidad de Zaragoza</u>	<u>ETH Zurich</u>
							
<u>European Institute of Innovation & Technology (EIT)</u>	<u>Euskampus Fundazioa</u>	<u>IFMIF-DONES</u>	<u>Ikerbasque - Basque Foundation for Science</u>	<u>LabPaper Tolosa</u>	<u>PACKBENEFIT</u>	<u>Sener</u>	<u>Telefónica</u>
							
<u>Eindhoven University of Technology</u>	<u>U-tad · Centro Universitario de Tecnología y Arte Digital</u>	<u>UC3M</u>	<u>Universidad de Cantabria</u>	<u>Universidad Deusto</u>	<u>Universidad de Granada</u>	<u>Universidad de León</u>	<u>USAL Universidad de Salamanca</u>
							
<u>EUNEIZ Universidad Vitoria-Gasteiz</u>	<u>Universidad de Zaragoza</u>	<u>Université de Bordeaux</u>	<u>UPV/EHU</u>	<u>VITO</u>			



European Benchmark

EARTO

(European Association of
Research & Technology Organisations)

Presidence

Our Managing Director, **Jesús Valero**, is currently the President of EARTO, the European Association of Research and Technology Organisations.

With more than **350** technology organisations and **228,000** researchers in more than 32 countries, EARTO is the leading European technology network, with a consolidated track record of more than **25** years, which has positioned the Technology Centres as key players in collaboration in terms of **research, development and innovation**, boosting the competitiveness of the European Union.

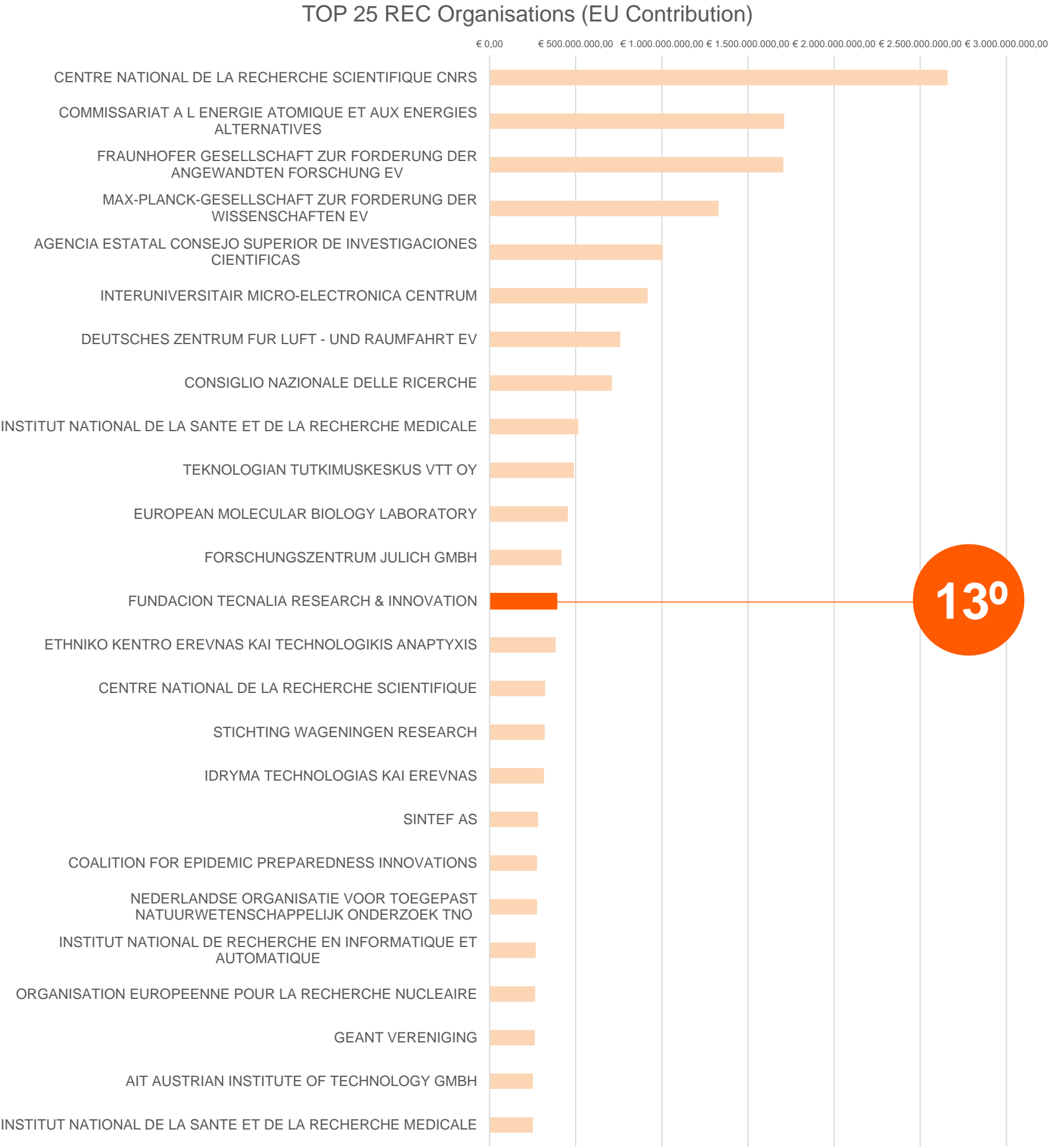


1st

**Private organisation in Spain
in project contracting, participation
and leadership in the EU Horizon
Europe Programme, where it plays
a relevant driving role for other
industrial partners, which represent
50% of the total collaborations.**

Ranked No. 13 out of 19,000 European Research Organisations.

SOURCE: Funding & Tenders
Data of February 2025



Participation in Horizon Europe

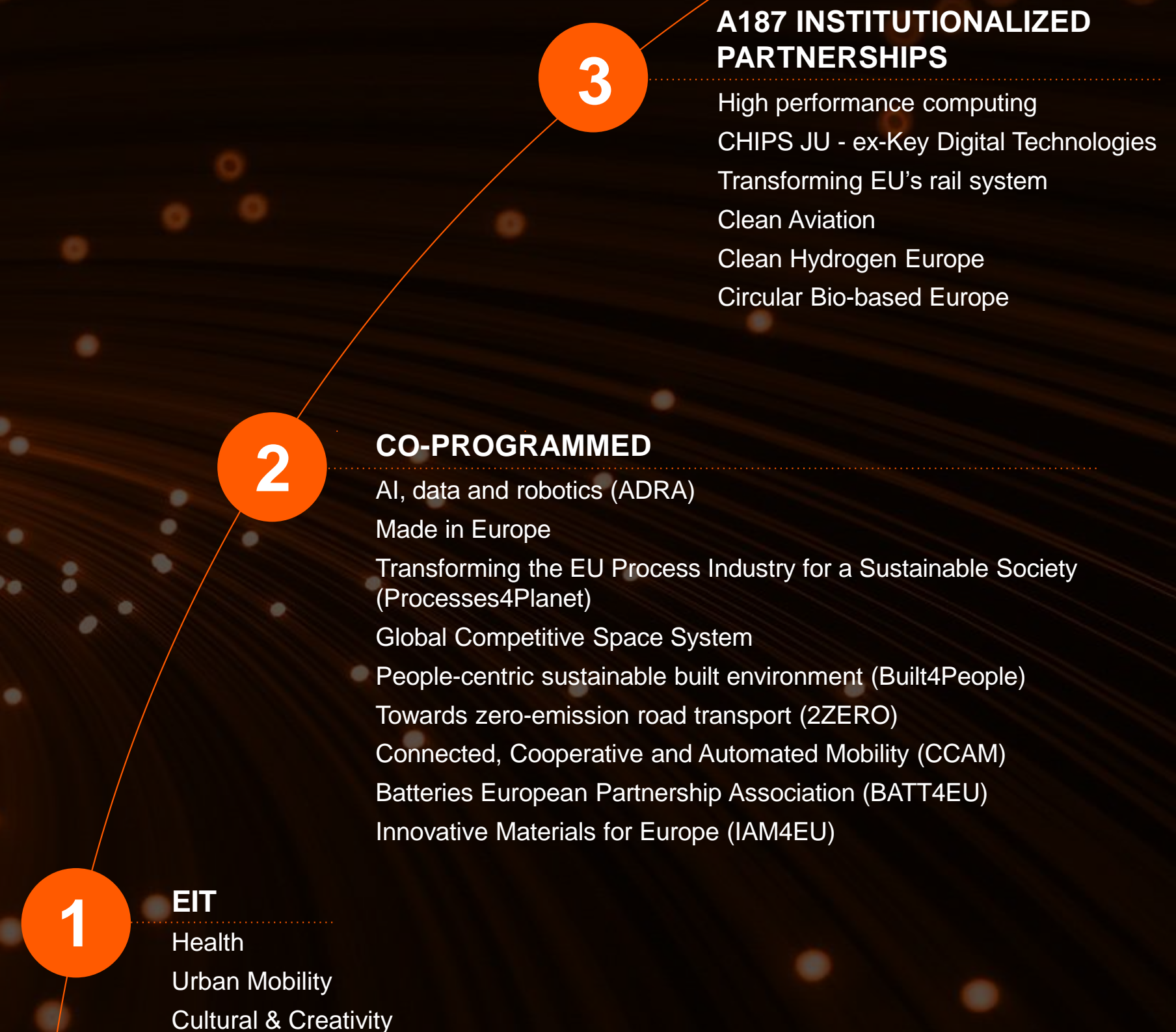
Figures on 31 December 2024



Participation in Partnerships in Horizon Europe

The EU is increasingly outsourcing management to Public-Private Organisations with greater independence to influence R&D and innovation.

One of TECNALIA's key success factors is its strategic positioning in **over 20 major European partnerships.**



Presence in EIT Innovation Communities



Industrial Property



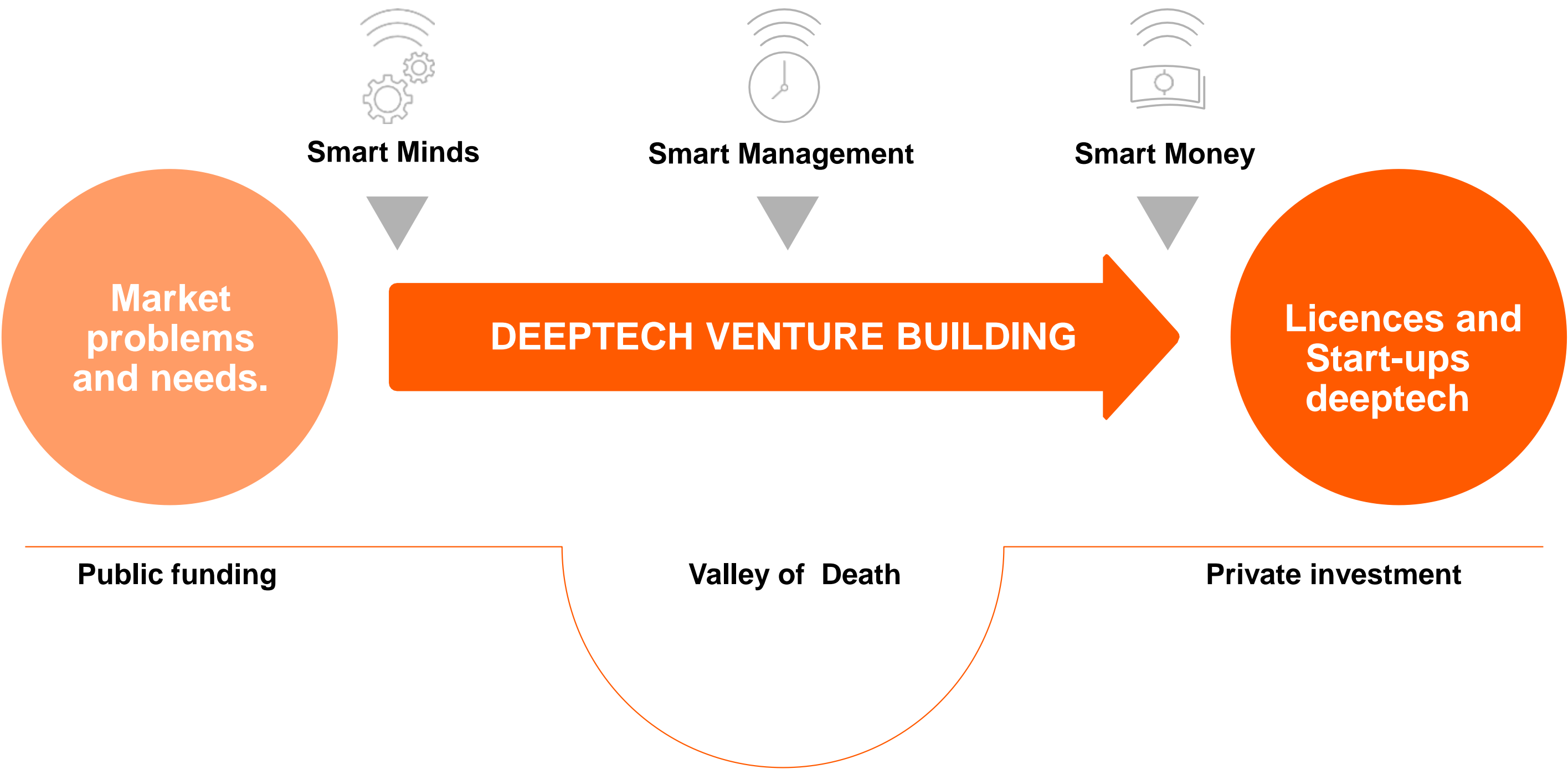
tecnalia ventures

Technology Value for Growth

It is the team of people at TECNALIA that pursues the objective of **adding value to the centre's investment in R&D and Innovation** by identifying and managing deep tech business opportunities through a venture building process.

To do so, it connects the three fundamental pillars of any innovation ecosystem:

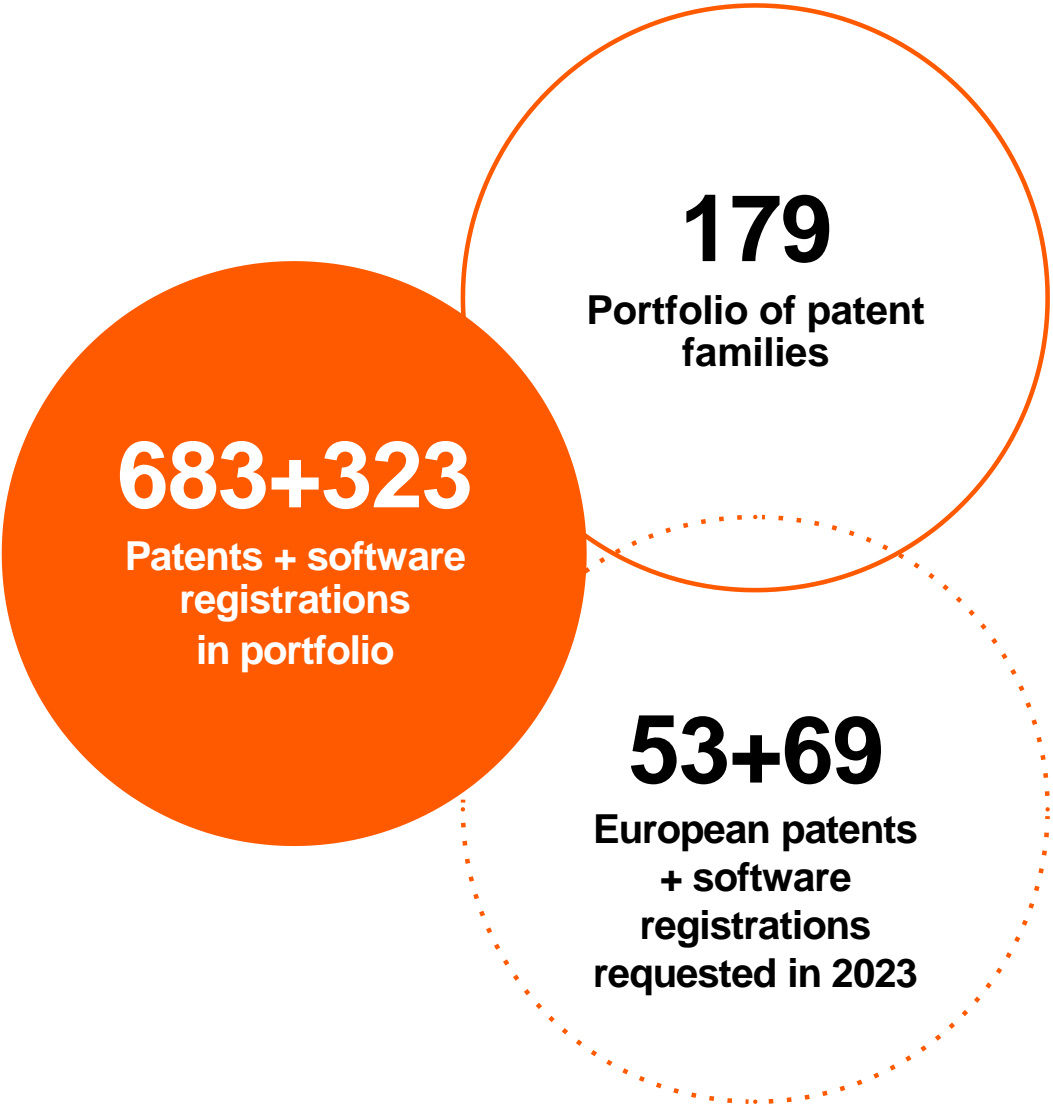
- People who generate technology-based ideas (minds).
- Managers capable of transforming technological ideas into business opportunities (management).
- Investors who bet on deep tech entrepreneurial initiatives (money).



Acceleration of the incubation of technological assets until they are turned into investment opportunities capable of solving corporate income statement problems and generating value for society: DEEPTECH VENTURE BUILDING

TECNALIA is currently the **third Spanish organisation in European patent applications**, with an outstanding success ratio of 92% regarding EPO/PCT applications granted since 2012.

Industrial Property



Figures on 31 December 2024

The **survival** rate of TECNALIA'S start-ups deeptech after 5 years of their establishment is **100%**.

Start-ups deeptech




2024 aggregated figures

TECNALIA-driven companies :


AUREA
www.myaurea.es


DIGIMET
www.digimet.es


ACUSTRAIN
www.acustrain.com


ELCODE


ADDILAN
www.addilan.com


GO4IT SOLUTIONS
www.go4it.solutions


FESIA
www.fesiatechnology.com


INGREDALIA
www.ingredalia.com


VIXION
www.vixon360.com


IZPITEK SOLAR
www.izpiteksolar.com/


NEOS SURGERY
www.neosurgery.com


BIOKEMIK
www.biokemik.eu


NAUTILUS
www.nautilusfs.com


H2SITE
www.h2site.eu


VELTIS
www.veltisrating.com


INTELLIALERT
www.intellialert.es


SOLARCRAFT
Web under construction


TRAMOIA
www.tramoiarobots.com

REVALHEAT
Web under construction


CRISALION
www.crisalion.com





Governing Bodies



Board of Trustees:

CHAIRMAN

INGETEAM, S.A.

Alex Belaustegui

VICE-CHAIRMAN

GESTAMP AUTOMOCIÓN, S.A.

María José Armendáriz

SECRETARY

KUTXABANK, S.A.

Fernando Irigoyen

PATRON TRUSTEES

ACLARA METERS, S.L.

Pedro Urteaga

AERNNOVA AEROSPACE, S.A.

Gemma Ortiz de Barrón

ARTECHE CENTRO
DE TECNOLOGÍA, A.I.E.

Alexander Artetxe

AYESA IBERMÁTICA, S.A.

José Manuel Barrutia

CEMENTOS LEMONA, S.A.

Elena Guede

CIE AUTOMOTIVE, S.A.

José Esmorís

FCC CONSTRUCCIÓN, S.A.

Antonio Burgueño

FEDERACION ESPAÑOLA
DE ASOCIACIONES DE
FUNDIDORES

Marcial Alzaga

GESTAMP AUTOMOCIÓN, S.A.

Maria José Armendáriz

GRUPO IGUALMEQUISA, S.A.

Nicolás Guerra

IBARMIA INNOVATEK, S.L.U.

Arrate Olaiz

IBERDROLA, S.A.

Estíbaliz Goñi

INGETEAM, S.A.

Alex Belaustegui

IRIZAR

Imanol Rego

IVÁN MARTÉN ULIARTE

KUTXABANK, S.A.

Fernando Irigoyen

LOINTEK INGENIERÍA Y
TÉCNICAS DE MONTAJES, S.L.U.

Javier Loroño

PATENTES TALGO, S.L.

Rafael Sterling

PETRÓLEOS DEL NORTE, S.A.
(PETRONOR)

Jose Ignacio Zudaire

SENER INGENIERÍA Y
SISTEMAS, S.A.

Itziar Urrutia

TUBACEX, S.A.

Diego Herrero

VALORIZA SERVICIOS
MEDIOAMBIENTALES, S.A.

David Redondo

VELATIA, S.L.

Javier Larrieta

VICINAY MARINE

Onintze Matías

INSTITUTIONAL TRUSTEES

BASQUE GOVERNMENT

Alberto Fernández

Jaione Ganzarain

Adolfo Morais

Enrique Peiró

GENERAL STATE ADMINISTRATION

Juan Cruz Cigudosa

ARABA PROVINCIAL COUNCIL

Ander Larrinaga

BIZKAIA PROVINCIAL COUNCIL

Joseba Mariezkurrena

GIPUZKOA PROVINCIAL COUNCIL

Jon Gurruchaga

Clients and collaborating partners :

ACERINOX EUROPA, S.A.U.	EGILE	GRUPO IGUALMEQUISA, S.A.	PETRÓLEOS DEL NORTE, S.A. (PETRONOR)	VALORIZA SERVICIOS MEDIOAMBIENTALES
ACLARA METERS, S.L.	EIBHO	GRUPO TAMOIN, S.A.	SAPA PLACENCIA, S.L.	VELATIA, S.L.
AGALEUS	ELECNOR	GRUPO TEKNEI	SENER	VICINAY MARINE
AIANOX, S.A.	EPTISA Cinsa INGENIERÍA Y CALIDAD, S.A.	HEIDELBERG MATERIALS HISPANIA CEMENTOS SA	SIDENOR ACEROS ESPECIALES, S.L	VIUDA DE SAINZ, S.L.
ALTUNA Y URIA	ERHARDT SERIKAT	IBARMIA INNOVATEK, S.L.U.	SIEMENS ENGINES R&D, S.A.	ZIV APLICACIONES Y TECNOLOGÍA, S.L.
AMURRIO FERROCARRILY EQUIPOS, S.A.	ESTUDIOS GIS, S.L.	IBERDROLA, S.A.	SIEMENS GAMESA RENEWABLE ENERGY INNOVATION AND TECHNOLOGY, S.L.	HONORARY PATRONS
ARCELORMITTAL INNOVACIÓN, INVESTIGACIÓN E INVERSIÓN, S.L.	EUSKAL FORGING, S.A.	INGETeam, S.A.	SISTEPLANT, S.L.	BILBAO CITY COUNCIL
ARTECHE CENTRO DE TECNOLOGÍA, A.I.E.	FAGOR EDERLAN, S.COOP.	INKOLAN	TALGO	DONOSTIA-SAN SEBASTIÁN CITY COUNCIL
ATS GLOBAL	FCC CONSTRUCCIÓN	IRIZAR	TECMAN, SERVICIOS DE VALOR AÑADIDO, S.L.	VITORIA - GASTEIZ CITY COUNCIL
AYESA IBERMÁTICA, S.A.	FEDERACIÓN ESPAÑOLA DE ASOCIACIONES DE FUNDIDORES	ITP AERO	TRADEBE, S.A.	ADEGI
BATZ, S.COOP.	FUNDACIÓN TECNALIA COLOMBIA	IZERTIS	TSK ELECTRÓNICA Y ELECTRICIDAD, S.A.	CEBEK
BURDINOLA, S.COOP.	GESTAMP	KUTXABANK, S.A.	TUBACEX, S.A.	SEA - EMPRESARIOS ALAVESES
CEMENTOS LEMONA, S.A.	GIROA - VEOLIA	LAN MOBEL, S.COOP.	ULMA FORGED SOLUTIONS	UNIVERSITY OF THE BASQUE COUNTRY (UPV/EHU)
CIE AUTOMOTIVE, S.A.	GLOBAL FACTOR	LEADING	ULMA HORMIGÓN POLÍMERO, S.COOP.	
CONSTRUCCIONES Y AUXILIAR DE FERROCARRILES, S.A. (CAF)	GRUPO AERNNOVA	LOINTEK		
DENN	GRUPO GORLAN	MADERAS MEJORADAS INDUSTRIAL, S.A.U.		
		MATZ-ERREKA, S. COOP.		

Technological partner
for companies:

Business engagement

Deeply rooted in the business community with strong institutional backing, TECNALIA has a solid foundation to become **your business driver**.

Over 100 companies take part in our Governing Bodies.

Board of trustees

24

Companies

8

Institutional
trustees

Executive committee

11

Companies

1

Government

Collaborating partners

68

Companies

3

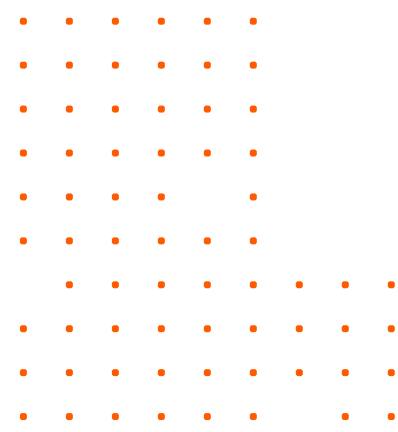
City Councils

1

Universities

3

Business
associations



Creating Growth Improving Society

