

ANNUAL REPORT

2021



GOBIERNO DEL
PRINCIPADO DE ASTURIAS

CONSEJERÍA DE CIENCIA,
INNOVACIÓN Y UNIVERSIDAD

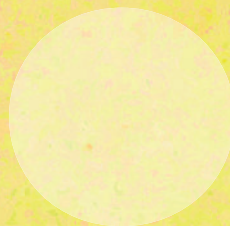
Index

▶ 1. Impact on society	6
▶ 2. Who we are	9
• Innovation and entrepreneurial networks	11
• BIC Asturias personnel	12
• Communication	13
▶ 3. Knowledge transfer, innovation and talent	18
▶ 4. Innovative and technology- based companies, start-up and growth	27
▶ 5. Access to finance	41
▶ 6. Incubator, Bio-incubator and Industry 4.0 incubator	47
▶ 7. R&D&i	52



1.

Impact on society





COMMUNICATION

+300 Media appearances
+900 New followers in social networks



TRANSFER

Impact on **253** researchers
12 new spin-off projects

KNOWLEDGE TRANSFER, INNOVATION AND TALENT

2658 people reached with our dissemination activity



277 new entrepreneurs attended & 142 new innovative projects
43 award nominations

SUSTAINABLE MOBILITY

16 business projects supported



CREATIVE INDUSTRIES

101 business projects supported
1 acceleration program
CREATIVE BUSINESS LAB

SECTORAL ECOSYSTEMS



INDUSTRY 4.0

94 business projects supported
2 open innovation programs



BIOECONOMY AND HEALTH

55 business projects supported
7 projects
DEMODAY BIOCEEI



AGRI-FOOD

Launch La GRANJA (The FARM)
agri-food innovation laboratory

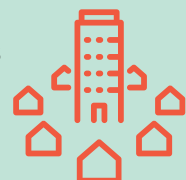


BUSINESS IDEAS

155 business ideas supported for starting-up
76 were technology based

STARTUPS

35 new highly innovative companies
20 were technology-based companies



EIBT

3 companies obtained the EIBT label recognition

SPACES

59 startups hosted at our Incubator, Bioincubator and Industry 4.0 site

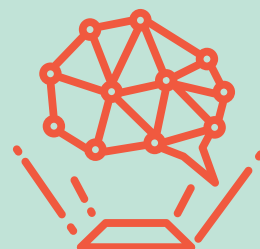
STARTUPS SUPPORTED FOR GROWTH

224 Startups
144 in growth programs

37,5 % received + **2** supports
28 % startups + **2** programs

AVANTE program as an anti-crisis formula for business growth **10** seminars with more than **500** participants have been held.

QUICK GLOBAL New internationalization accelerator **7** startups



SURVIVAL RATE

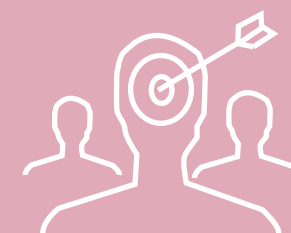
64,52% survival rate to five-year innovative companies, almost **22** points above average



INVESTORS

6 Investment Forums
9 business projects presented to investors
104 members of the 4thF Investors Club
1 Investment agreement **137,500 €** finance achieved

110 business projects supported in **INVESTMENT READINESS ITINERARY**



FUNDING RAISED

36 business projects financed

3.054.523€

86 % for TBCs

The background is a light cream color with a subtle, vertical wood-grain texture. A large, semi-transparent pink number '2' is positioned on the left side, extending from the top to the bottom of the frame. In the upper right quadrant, there is a large, irregular pink shape that resembles a watercolor splash or a torn piece of paper. Within this splash, the text '2.' is written in a thin, black, sans-serif font. Below the '2.' is the phrase 'Who we are' in a bold, black, sans-serif font. In the bottom right corner, there is a solid pink circle. The overall aesthetic is modern and artistic, with a focus on organic shapes and textures.

2.

Who we are



Teamwork is our best asset

Who we are

We are the European Business and Innovation Centre of Asturias (BIC Asturias), established as a non-profit organisation and endorsed by a pool of private and public organizations under the European Commission's BIC model, to promote the creation and growth of innovative companies in our region.

Reference instrument for innovative, technology-based and deep tech entrepreneurship in Asturias, under the strategic direction of the Ministry of Science, Innovation and University we act as Knowledge Transfer Office, transferring the results of the research generated by the regional scientific ecosystem to the market.

Our mission is to

- Spread and boost entrepreneurial and innovative culture.
- Support the creation and growth of new companies, in special innovative and/or based on scientific and technical knowledge and those related to strategic sectors.
- Assist start-ups through the path to innovation and diversification.
- Research and develop new entrepreneurial activities to boost innovation and employment

We aspiere to

- Be the main choice for would-be entrepreneurs and start-ups to create and develop their companies.
- Be recognised by stakeholders for the quality of our services.
- Be among the best BICs by our results.

CEEI COMMITMENT WITH THE SUSTAINABLE DEVELOPMENT GOALS

8 DECENT WORK AND ECONOMIC GROWTH



Promote inclusive and sustainable economic growth, employment and decent work for all

Achieve higher levels of economic productivity through diversification, technological upgrading and innovation, including through a focus on high-value added and labour-intensive sectors

Through programs like



Promote development-oriented policies that support productive activities, decent job creation, entrepreneurship, creativity and innovation, and encourage the formalization and growth of micro-, small- and medium-sized enterprises, including through access to financial services

PROGRAMS



9 INDUSTRY INNOVATION AND INFRASTRUCTURE



Build resilient infrastructure, promote sustainable industrialization and foster innovation

Promote inclusive and sustainable industrialization and, by 2030, significantly raise industry's share of employment and gross domestic product, in line with national circumstances, and double its share in least developed countries

Increase the access of small-scale industrial and other enterprises, in particular in developing countries, to financial services, including affordable credit, and their integration into value chains and markets

PROGRAMS



ACHIEVEMENTS

35 new highly innovative companies created

20 were technology-based companies

Intensive support for projects in sectors such as bioeconomy and health, agri-food, industry 4.0, sustainable mobility.

ACHIEVEMENTS

110 business projects supported in investment readiness itinerary

3.054.523€ finance raised

64.52% survival rate to five-year innovative companies supported

Innovation and entrepreneurial networks

Networking is vital for us. We are linked to sectoral experts and leaders in entrepreneurship, investors, technology centres, universities, entrepreneurial support networks, organizations, leading companies, etc. These partnerships are key to finding a position within the innovative and entrepreneurial ecosystem.

Closely coordinated with the strategies of the regional government and under the affiliation to the new Ministry of Science, Innovation and University, BIC Asturias continues to advance in its strategic reorientation, reinforcing its objectives as Knowledge Transfer Office and participating in the design of strategies to position the entrepreneurship technology in a new dimension.

We are associated and hold relevant positions with Government teams from the main entrepreneurial and innovation support networks:

- European Business and Innovation Centres Network (EBN), comprising over 210 members across Europe. We hold Presidency and we take part actively in the strategy, the Business Quality Group and the special interest groups.
- Spanish National Association of European Business Centres (ANCES), which comprises 32 BICs from Spain, and we hold Vice Presidency. We coordinate Ances Open Innovation Program and we are members of three working groups from this association aimed to improve EIBTs Label and Funding.
- Association of Public Business Centres of the Principality of Asturias (ACEPPA), which brings together 14 public business centres distributed across the region.

BIC Asturias personnel

Cristina Fanjul Alonso
MANAGING DIRECTOR

Lydia Alonso Díaz
RESPONSIBLE FOR ORGANIZATIONAL
INNOVATION

Roberto Parrondo Alonso
COMPANY SERVICES AND EUROPEAN PROJECTS
COORDINATOR

Alfredo González Arango
CHIEF INFORMATION AND COMMUNICATION
TECHNOLOGIES OFFICER

Ana M^a Méndez Rodríguez
BUSINESS CONSULTANT

Belén Flecha Sors
BUSINESS CONSULTANT

Berta García Fanjul
RECEPTION

Cecilia Cachero Crespo
BUSINESS CONSULTANT

Loli Fernández Rodríguez
ADMINISTRATION

Natalia Iglesias Álvarez
ADMINISTRATION

Noé López Alvariñas
BUSINESS CONSULTANT

Soqui Pérez Bruces
BUSINESS CONSULTANT

Tamara Álvarez Fernández
COMMUNICATION AND ICTs

Verónica Álvarez Ayora
BUSINESS CONSULTANT

Communication

We work with different communication and marketing tools in order to achieve the following results:

- We contribute to spread innovation, entrepreneurship, information about the services we provide and to promote and gain visibility for our clients.
- Greater engagement with our customers and greater knowledge of our services by our stakeholders.

Our channels:

- Website: <https://www.ceei.es> It is one of our main communication channels that grows every year in visits.
- Newsletter: which is sent to 8,633 recipients on average.
- Social networks: daily we make post and dynamize our channels with content of value. 15 videos uploaded to YouTube.

Offer information concerning:

- Services and resources available for entrepreneurs and innovative, and technology-based companies, as well as events and activities
- Directory of businesses hosted at our incubator and information about the start-ups we assist
- Tools of interest, like the "Guide for company creation".

On the other hand, we also deploy other media means, such as television, press and specialized publications. As a result of the promotional activity, reports of **52** companies appeared in different means of mass communication

In 2021, we had:

- **3.289** Facebook friends
- **5.686** Twitter followers
- **4.388** Followers in LinkedIn
- **303** media appearances
- **5** newsletters sent to **8,633** recipients



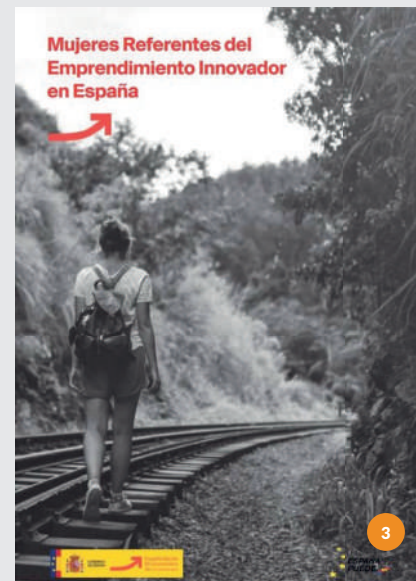
We designed the audiovisual campaigns #CEEIconLAMUJER and #CEEIconLAMUJEREMPREENDEDORA in order to highlight the importance of women entrepreneurs role in our society. The campaign involved 24 women and had a great impact on social networks.



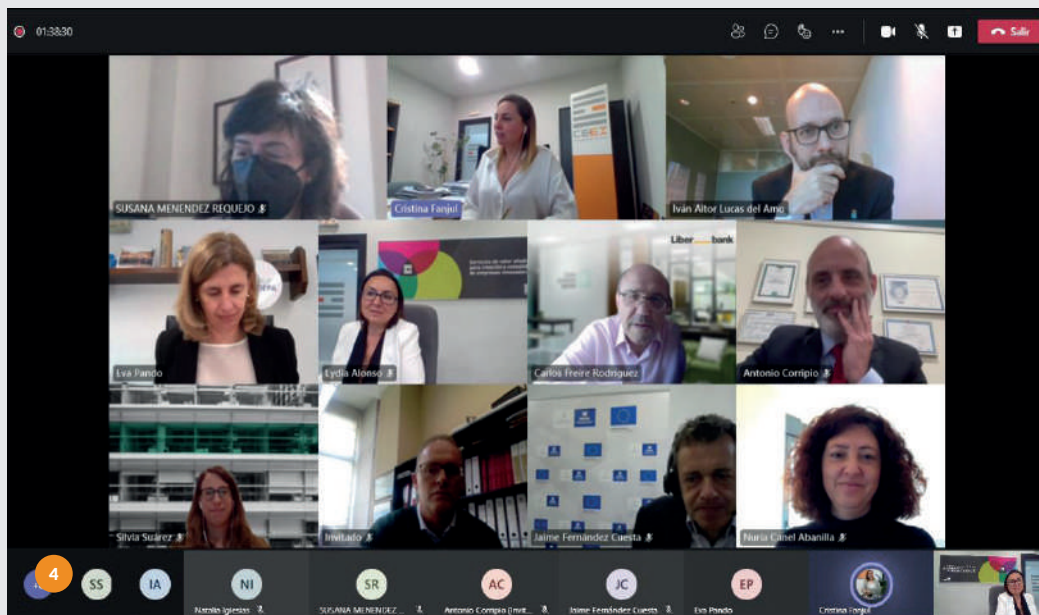
1. ANCES General Assembly Meeting, Málaga October 12



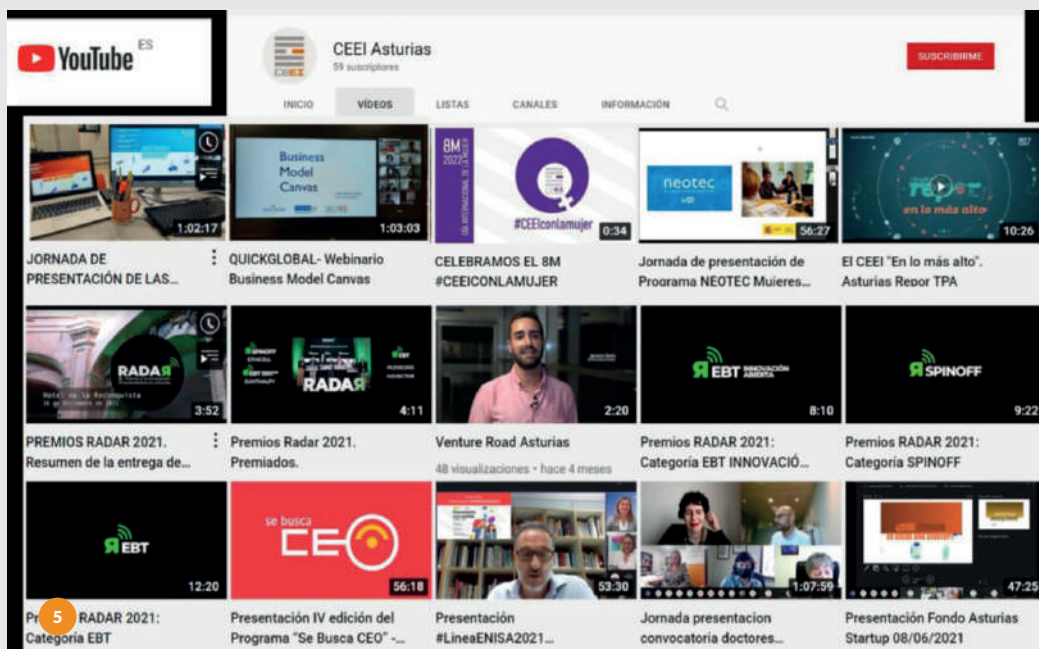
2. SME Assembly Meeting, Slovenia November 15



3. Cristina Fanjul in Women Reference Guide for Innovative Entrepreneurship



4. Board and General Assembly Meeting, May 20



5. CEEI Youtube channel

3.

**Knowledge transfer,
innovation and
talent**

3.

Knowledge transfer, innovation and talent

To strengthen the knowledge transfer, BIC Asturias develops actions aimed at generating and capturing innovative and technology-based business projects in the fields where knowledge is generated. In order to do that we:

- Collaborate with the **University of Oviedo**, developing a program with actions aimed at students and researchers, analyzing possible lines of research and activity that could become new spin-off companies: courses, master's degrees, awards, events and other initiatives.
- With **Technology Centers & Corporates**, we design strategies aimed at detecting and generating spin-offs: holding meetings with research staff and actions to disseminate the spinoff concept and knowledge transfer events.
- Organise a variety of activities, motivational talks and training courses to stimulate entrepreneurs and business management.
- Convey the annual Awards.
- Cooperate with others' prizes contests and awards in a regional, national and European level.
- Disseminate entrepreneurs and start-ups activity, innovation and entrepreneurial actions.

► **Impact on 253 researchers**

► **12 new spin-off projects**

► **People reached with our dissemination activity: 2,658**

► **277 New entrepreneurs attended - New innovative projects 142**

RADAR Awards

In a clear strategy to reinforce knowledge transfer initiatives to the market as a way of generating wealth and employment in Asturias, in collaboration with IDEPA we convene the RADAR Awards for Entrepreneurial Innovation in Asturias, with an endowment of 80,000€ and aimed at rewarding the best technology-based initiatives in the different phases and three categories (RADAR Spin-off, RADAR TBC and RADAR TBC Open innovation).

RADAR Spin-Off

Aimed at **researchers** who develop their professional activity in public or private asturian research centers.

Prize value: €15,000

Candidatures received: 10, from 41 researchers belonging to six Research Centres.

WINNER

The project **"ETHICELL"**, promoted by researchers of the Ophthalmological Research Foundation, in collaboration with the Community Center for Tissues. The ambition of this project is to create an international reference company focused on the diagnosis and treatment of diseases, capable of developing, manufacturing and marketing solutions based on artificial human tissues and personalized medicine tools through specialized bioengineering.

RADAR TBC

Aimed at recognizing the best Technology-Based Companies (TBCs)

Prize value: 2 prizes €25,000€ ea

Candidatures received: 23

WINNER

H2Vector, develops energy solutions that optimize the efficient management of energy from renewable sources, with the aim of maximizing the sustainability and use of the energy system, betting on H2 as an energy vector throughout its value chain: generation, storage and use.

Plexigrid provides solutions aimed at enabling operators in the electricity sector to face the transition to a sustainable energy system. Its platforms allows the full visibility, analysis and control of everything that is happening in an entire electrical network and the distributed assets.

The main competitive advantage is the capability to model the network in real time, and take decisions based in the modelling of the network.

RADAR TBC OPEN INNOVATION

A category for those Technology-Based Companies that have carried out projects with scaling potential in collaboration with leading companies.

Prize value: €15,000

Candidatures received: 10

WINNER

Sunthalpy the company maintains an intense collaboration with the company Alibérico, with which it has developed and patented new highly efficient low enthalpy emitters and collectors, ensuring their industrial mass production in order to massively scale their use, drastically reducing their costs and facilitating their use. facility. With the ambition of turning Asturias into the new industry of green products that allow the decarbonisation of buildings, this collaboration will allow industrial and commercial scaling with greater impact.

The RADAR Awards Event, took place the 16 of December, in Oviedo. The event counted with more than 290 people, representing entrepreneurial, economic, financial and regional politic.



1. PhD Entrepreneurs training program, September 10



2. RADAR Spinoff award, meeting with researchers at HUCA, November 5



3. Agreement with FINBA, October 1



4. STARTINASTURIAS initiative, May 19


5. BIC Africa Project Webbinar, June 24



6. RADAR Awards Winners, December 16



7. RADAR Awards Event, December 16



4.

**Innovative and
technology-based
companies, start-up
and growth**

Innovative and technology-based companies, start-up and growth

As established in our mission, we offer guidance and tailor-made support to entrepreneurs, with innovative and/or technology-based business ideas and to start-ups to help them:

4

- Analyse and develop their business idea
- Business formulate a sound plan
- Online business legal registering, as PAE
- Take part in sectoral accelerating programs and growth entrepreneurial
- Widen networks with other entities, entrepreneurs, companies and potential collaborators. Not only regional, but also in a national and international spheres as we belong to the incubator – accelerator networks, ANCES and EBN
- Promote and gain visibility for their entrepreneurial initiatives

5

- Plan financial resources needs to carry on the business Project
- Get funding; we facilitate access to grants, capital risk, equity loans, private investors, banks, etc.

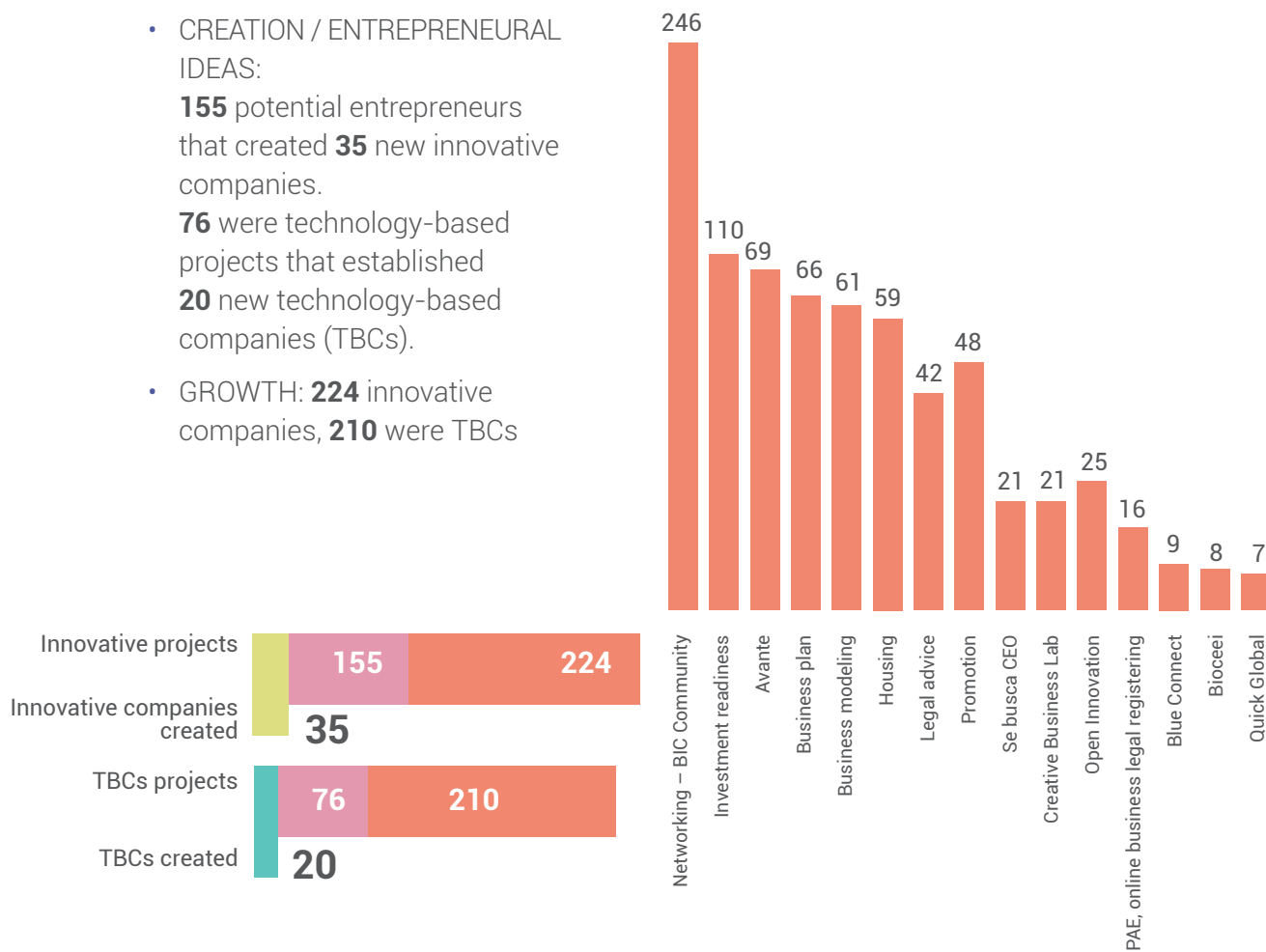
6

- Accommodate their business in our Incubator and Bioincubator, located at the Technology Park of Asturias, and in the Industry 4.0 Building, in the Science and Technology Park of Gijón, with affordable and adapted offices, working spaces and laboratories

During 2021, we supported 379 innovative business projects, 286 were technology-based business (TBCs), in different stages:

- CREATION / ENTREPRENEURIAL IDEAS:
155 potential entrepreneurs that created **35** new innovative companies.
76 were technology-based projects that established **20** new technology-based companies (TBCs).
- GROWTH: **224** innovative companies, **210** were TBCs

The supported projects were beneficiaries from the following services



Consultancy for innovative business projects

We provide personalized assistance and counselling, in all the areas that imply a business, to entrepreneurs with innovative projects for the creation and development of a company

We advise and help entrepreneurs to define their business model and to develop a sound business plan in all aspects such as marketing, economy and finance, management, industrial property, legal, production, distribution, etc.

At the same time, we introduce would-be entrepreneurs and start-ups to the business entrepreneurial fabric, experts and innovation centres

- ▶ **Projects supported for business modelling: 61 projects**
- ▶ **Projects supported for business planning: 66 projects**

Sectoral business projects acceleration

Aligned with the smart specialization strategy S3, we offer accelerating programs with specialization sectoral, with experts and personalized support in the development of the business modelling. The fields of work are bounded to the sectors: Bioeconomy and Health, Creative Industry, Industry 4.0 and Sustainable Mobility. With the sectoral business projects acceleration programs, we bet for the maturation with formation / training, consultancy, accompanying during the creation and growth, of new business projects or new lines of business in existing companies in sectors fundamental

Bioeconomy and Health



- ▶ **Projects identified: 16 projects**
- ▶ **Projects supported: 55 projects**
- ▶ **BIOCEEI PROGRAM: DEMODAY 7 business projects**

Creative Industries



- ▶ Projects identified: **23** projects
- ▶ Projects supported: **101** projects
- ▶ **1** Acceleration program CREATIVE BUSINESS LAB

Agri-Food



- ▶ New agri-food innovation laboratory

Blue economy



- ▶ 1 training program **9** projects

Entrepreneurial Survival

Survival rate of companies created with our support:

Companies created with BIC Asturias support	Survive:	
	> 5 years	> 3 years
Innovative companies	64,52 %	82,74 %
Technology-based companies (TBCs)	66,67%	84,52%
National Average (*)	42,14%	65,53 %

(*) Font : INE-DIRCE - IDEPA

► **64,52 % survival rate to five-year innovative companies**

Avante



To support business growth and consolidation and to contribute to the recovery of the business, CEEI Asturias designed this programme AVANTE.

An innovative approach and agile and personalized services aimed at innovative Asturian companies looking for a solution that allows them to improve their current competitive situation. Actions range from business scalability, selling, financing, improving professional skills or opening

commercial channels, among other actions.

AVANTE included microlearnings prepared by the CEEI team and involved also a dozen mentors of maximum relevance. They are managers of large Asturian companies and entrepreneurs who gave mentorship and training pills during the program.

In 2021, 69 companies have been advised and 10 seminars with more than 500 participants have been held.



Quick Global

ASTUREX and CEEI jointly launched a new edition of the programme "Accelerator for Internationalization - QUICK GLOBAL ", an innovative program that seeks to accelerate the internationalization of global young innovative companies.

As outstanding objectives, the program aims to create a culture of early internationalization in the environment of regional entrepreneurship, working collaboratively with other Organizations and Institutions involved in regional economic development, entrepreneurship and internationalization, the integration of various promotion services in a single program as well as the creation of an agile methodology to support the internationalization of young companies, testing their effectiveness and efficiency.

A 6-month program, which provides participating companies with a variety of services: entrepreneurship tutoring, foreign trade, mentoring and support by companies with experience in export, training, service of the Asturex Foreign Network to contact potential clients or prescribers in a specific target market as well as financing if necessary.

7 startups participated in the 2021 edition: CANONICAL ROBOTS, SPONSORIT, BIOQUOCHEM, VISIONARY, H2VECTOR, KHIS GROUP and MAGELLANT&BARENTS.

Networking – BIC Asturias Community

We provide information, access to resources, alerts of collaboration and assistance to fairs as well as facilitate meetings and events with experts and leading companies, for the start-ups belonging to BIC Asturias Community.

We organize the participation of companies in international fairs and we accompany them: 4YFN in the Mobile World Congress, South Summit, Bio-Spain.

4 Years From Now (4YFN), Barcelona, 28 june – 1 july

The event for startups more massive and international, organized in parallel to the Mobile World Congress in Barcelona, aimed at providing innovative startups with more visibility. With more than 21.000 visitors, has become a referent for entrepreneurship environment as it integrates entrepreneurs, investors, institutions and big companies.

With the support of the international promotion activities by the Principality of Asturias Foreign Promotion Society (ASTUREX), **4 startups** participated (BETTERMAPS, MAGELLAN&BARENTS, TRIDITIVE and ZAPIENS). These companies had the opportunity of attracting clients and investors, generating relations and synergies with companies and entities, knowing the last novelties of Technology of Communication and Information and identifying opportunities of business.

BIOSPAIN. Pamplona 27 september- 1 october

We participate at the 10th international meeting of Biotechnology BioSpain 2021, which was held in hybrid way (virtual and face-to-face), through the virtual stand **Asturias Biotech Delegation** composed of **6 companies** linked to the Asturian biotechnology sector. (BIOQUOCHEM, DREAMGENICS, FUTUVER, IDONIAL, NEUROSCIENCE INNOVATIVE TECHNOLOGIES and PROTEIN BIOTECHNOLOGIES (SUEVE BIOTECH).

The companies held 63 work meetings, managed to attract 14 new clients and established more than 21 new contacts with other companies and research entities. In addition, Neuroscience Innovative Technologies held meetings with 5 investors.

South Summit. Madrid 5 to 7 October

South Summit is one of the leading innovative platforms for startups, investors and corporations from over the world that took place in Madrid.

To this space of innovation, BIC Asturias and Asturex went accompanied by 9 **asturian startups**. In our stand they displayed the entrepreneurial fabric and their new technology and the potential of our region.

In addition to the participation of these companies, Cristina Fanjul, BIC Asturias Managing Director, participated as a speaker in the panel "Innovative ecosystems".

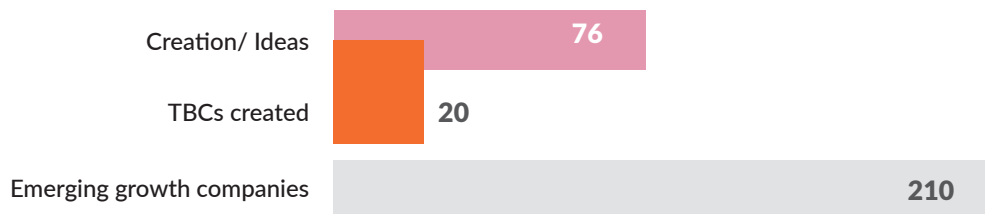
Technology-based business projects

In 2021, we supported **286** technology-based business projects, 75 % of the total.

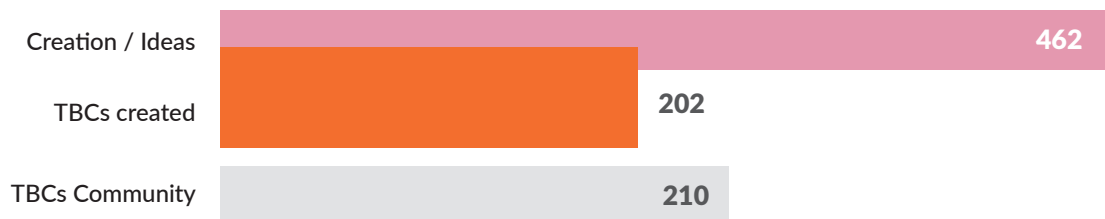
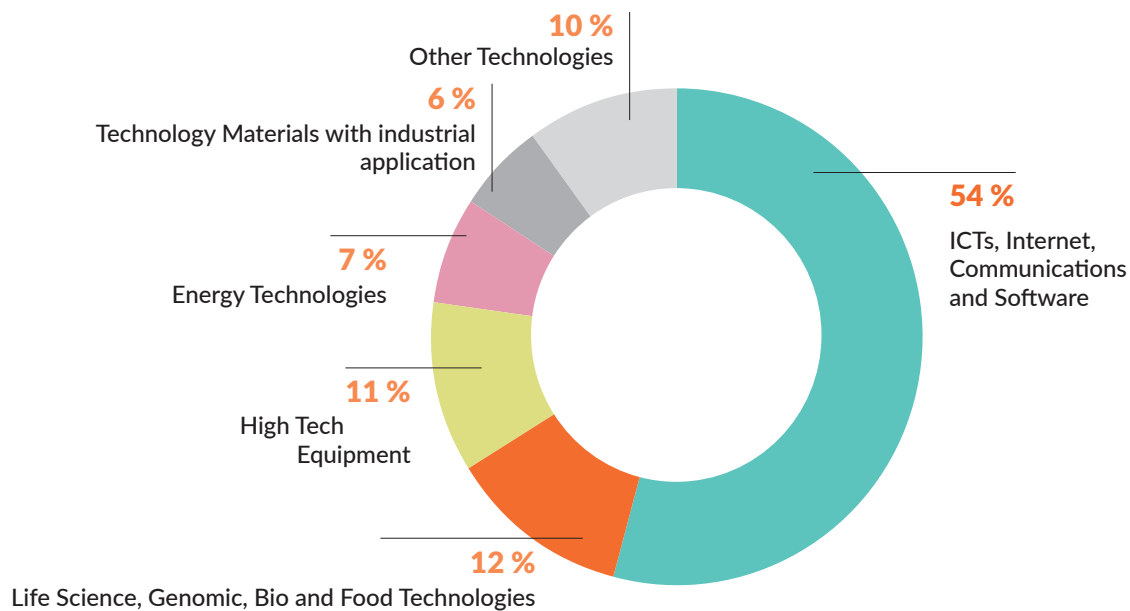
Creation/ entrepreneurial ideas: 76 entrepreneurial ideas that created 20 TBCs.

Emerging growth companies: 210 companies

286 Projects supported in 2021



Between 2000 and 2021, we supported 628 TBCs business projects, 462 were of potential entrepreneurs that created 202 new technology-based companies (TBCs), with a rate of conversion of 44 %.

628 TBCs supported 2000 - 2021**210 TBCs companies of our community (by sector)**

SPIN-OFFS

Greats amounts of resources are put into the detection and promotion of spin-offs, projects that spring from University, Technology Centres and other companies as a means of transferring knowledge and R&D results to the market. In 2021, we supported 12 spin-off of entrepreneurial ideas that created 5 new companies.

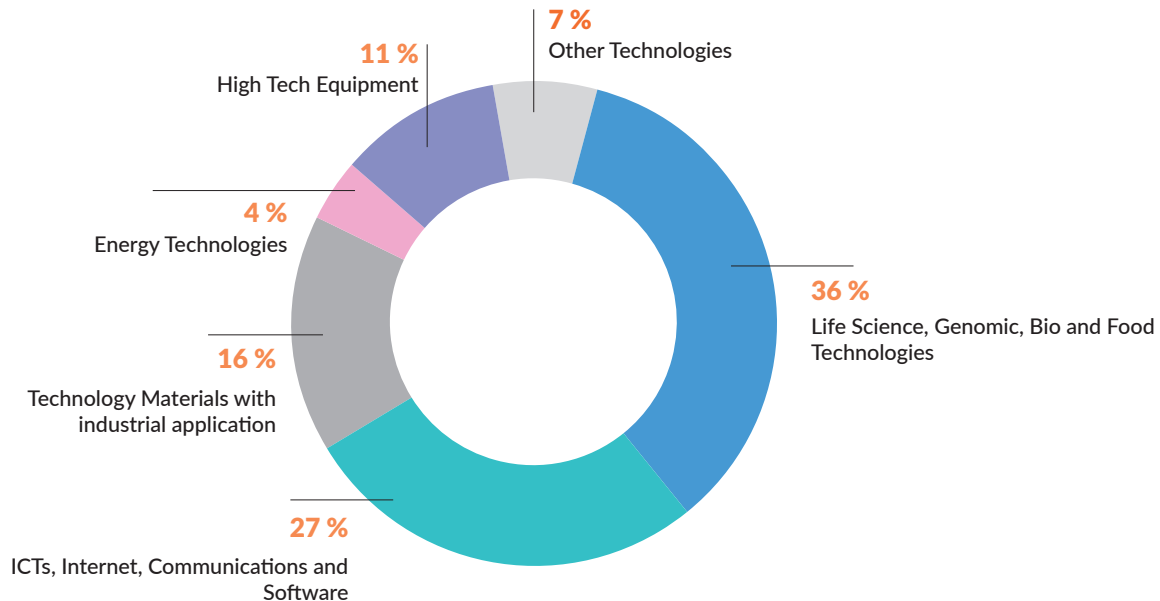
During the last years we have been supporting 169 spin-off projects. 134 were potential entrepreneurs that created 46 spin-offs (34 % conversion project-company).

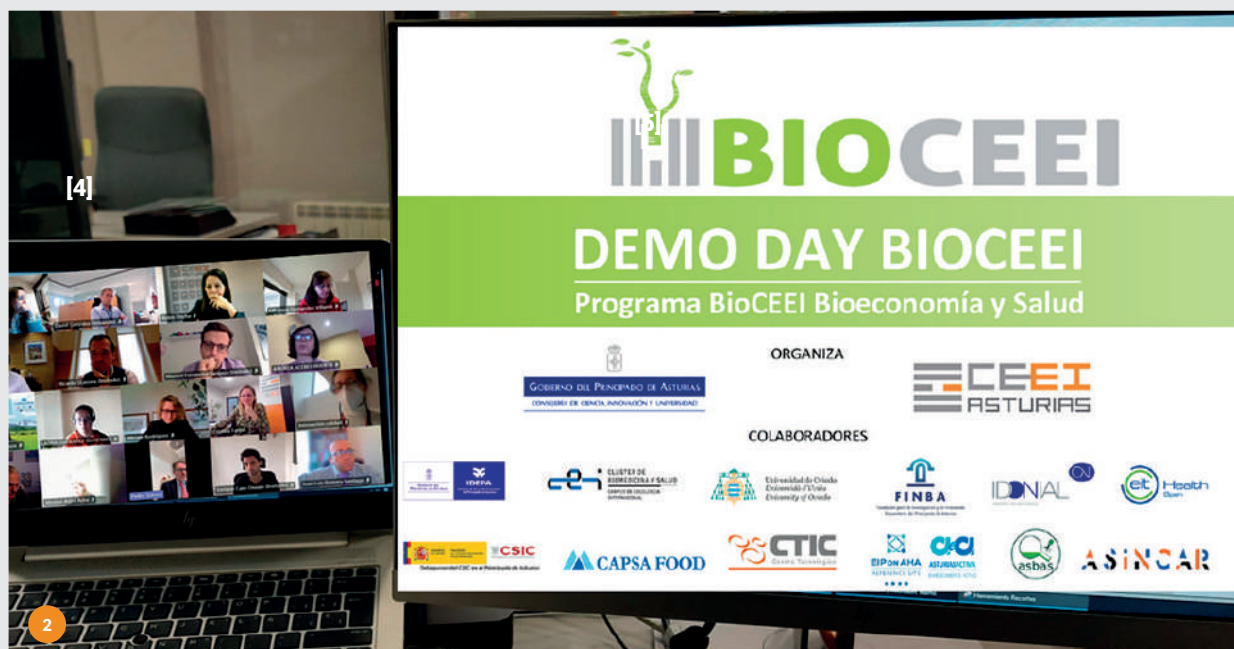
Spin- off Community is formed by 45 companies to which we are still supporting with different services. The following graph shows the origin and the sectorial distribution:

45 spin-offs supported / origin



45 companies/spin- off s supported / sector

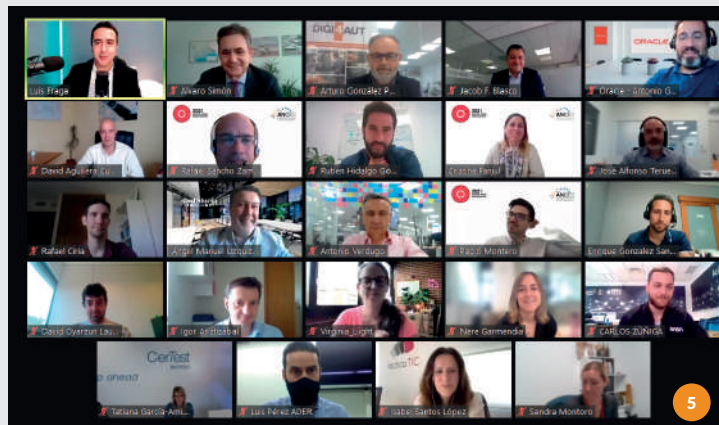




1. Asturias Biotech Delegation in Biospain, September 27
2. DemoDay BIOCEEI, March 9



4. Launch "Accelerator for Internationalization- QUICK GLOBAL ", February 12



5. ANCES Open Innovation final event, May 27



6. South Summit, October 5



7. Launch "La Granja" (agri-food innovation laboratory) , January 27



8. Open Innovation 4.0 Program leading companies, May 6

5.

5.

Access to Finance



Access to Finance

One of our main tasks is to act as a bridge to financing for entrepreneurs to start up, run and grow innovative and technology-based companies.

We perform as a link between entrepreneurs and different sources of financial resources such as private investors, seed and risk capital, equity loans, grants for TBCs, investors forums, NEOTEC – CDTI, ENISA, EIC Accelerator and crowdfunding platforms.

With the Investment Readiness itinerary, we advise, guide and help entrepreneurs and novel companies analyse their business projects financial feasibility, identify financial needs, prepare financial proposals and access private and public sources of financing. Moreover, the Investment Readiness Workshops (IRWs) reinforce individual support by training entrepreneurs abilities in search of financial resources.

In addition, we organize investment forums and through our private "4thF Investors Club" we offer access to the investable startups with the greatest growth potential of Asturias, through a simplified investment process based on highly affordable tickets, favoring co-investments.

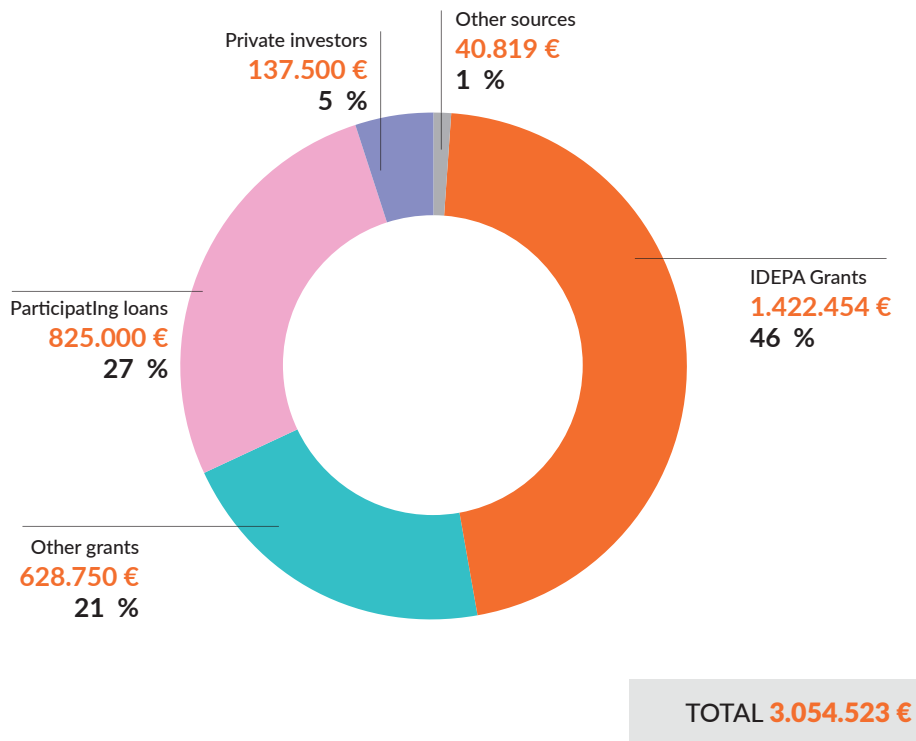
During 2021:

- We validate 22 business plans for access to Technology-Based Companies – (TBCs) subsidies (promoted by IDEPA) and gave support to 44 proposals for Asturias Startup Fund (promoted by SRP).
- We prepare group and individual meetings between entrepreneurs/ companies and entities/organizations supporting financing and we contribute to the dissemination of funding entities and source of funding for entrepreneurs and companies, through several conferences and events.

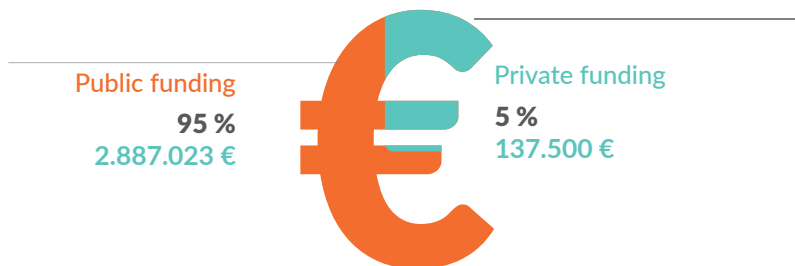
Investment readiness and financing obtained

- ▶ **Business projects supported in Investment Readiness itinerary: 110**
- ▶ **Business projects financed: 36**
- ▶ **Funding obtained: 3,054,523 €**
- ▶ **Investment Readiness Workshops: 3**
- ▶ **Participants: 34**

Financing obtained € / source



Funding obtained(€) by type of source



LA CUARTA
FINANCIACIÓN

The "4thF Investors Club"

"4thF Investors Club" was launched, to facilitate and simplify the seed investment in Asturian startups. A Club that brings together people with an interest in starting up a business but who lack the project, young professionals looking for an opportunity for their savings or even professionals with long trajectories and not only money, but also contacts and experience. In conclusion, profiles that want to bet on the future Asturias business and innovation. The 104 members of the Club receive periodically proposals of investment in innovative Asturian start-ups with great potential for growth, having the possibility of acquiring tickets around 5,000 euros, in the companies selected.

During 2021, there were 9 startups in the club with active investment proposals and 5 of them were presented at the 5 Demo days meetings held on February, May, June, October and November.

► **Partners: 104**

► **Investment Forums: 6**

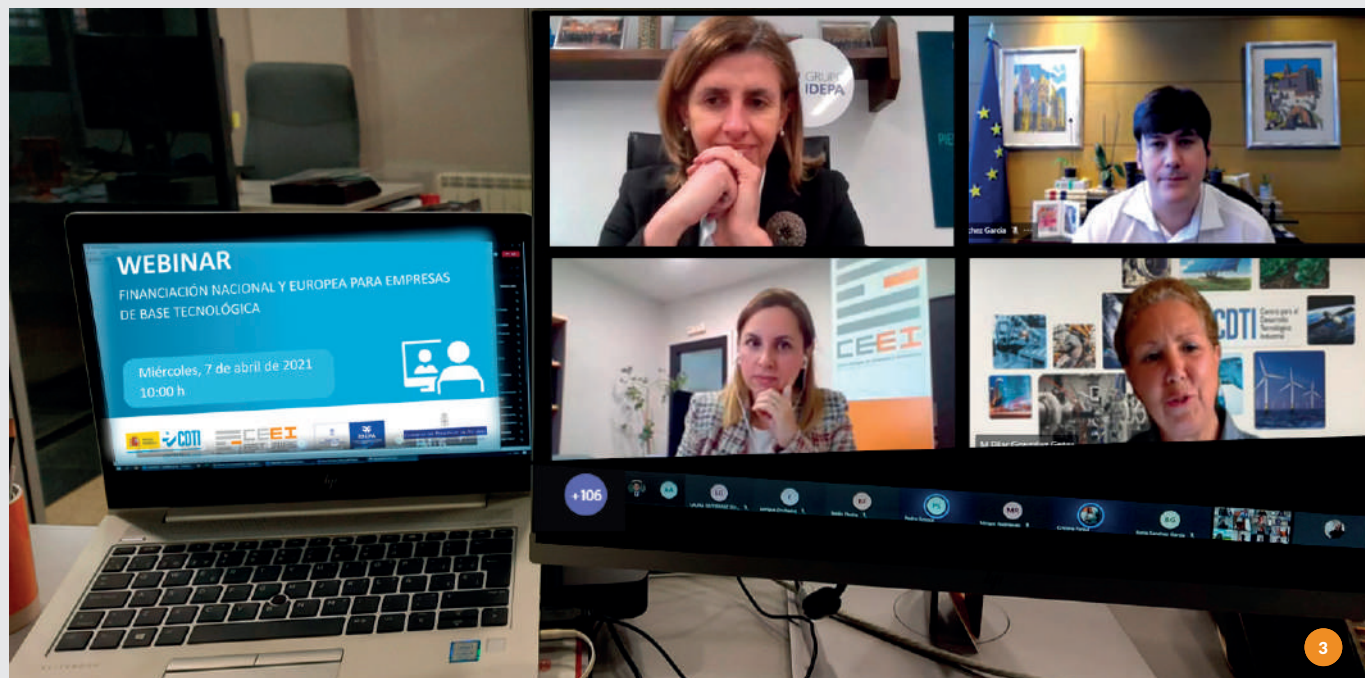
► **Projects presented to investors: 9**

► **Investment agreements: 1**

► **Finance raised: 137,500 €**



1 y 2. Venture On The Road Forum, December 2



3. Webinar on financing of Technology-Based Companies, April 7



4. Webinar PhD entrepreneurs program, July 2



6.

**Incubator, Bioincubator and
Industry 4.0 Incubator (I4.0)**

Incubator, Bioincubator and Industry 4.0 Incubator (I4.0)

We provide accommodation for companies and entrepreneurs with innovative business projects, in an innovative and cooperative context where mature the business model, supporting them to launch, develop and position their business initiatives in the market.

We manage the Incubator and Bio-incubator at the Technology Park of Asturias for innovative and technology-based entrepreneurs and companies under different incubation models. We also manage the Industry 4.0 Incubator (I4.0) located on the Mille of Knowledge of the Science and Technology Park of Gijón.

Through different types of accommodation and modern facilities we facilitate tailored services adapted to the specific needs of entrepreneurs and startups so they can mature their business projects. Hosted companies, entrepreneurs and the start-ups that we support make up BIC Asturias Community.

Huge amounts of resources are invested in promoting its members visibility, stimulating synergies among them, facilitating their access to experts and networking. The incubator spaces thrive with events, networking activities, media presence, entities and other companies visiting our premises and tenants. Meeting rooms, spaces and equipment are also available for not hosted companies to hire for meetings, training activities, interviews or events (both face-to-face and virtual).

BIC Asturias Building

In BIC Asturias building you can find:

- The [Incubator](#) for innovative and technology-based companies and projects. There are coworking spaces, equipped offices and common areas where to organize events or hold meetings.
- The [bio-incubator](#) provides 6 fully equipped laboratories with an integrated office, and shared equipment, an effective way to launch a Life Sciences business. On the basis of their characteristics and specific demands, entrepreneurs and companies can choose between different types of accommodation.

During 2021, several actions were implemented to meet the needs of our clients in the new scenario. Investments in equipment and infrastructure conditioning, identifying new opportunities to use workspaces based on open innovation and adapting new spaces (ej. transforming the warehouse into the CPD of clients).

Industry 4.0 Incubator (I4.0)

We manage the Industry 4.0 Incubator (I4.0), a new entrepreneurial space situated in the Mile of Knowledge at the Scientific and Technology Park of Gijón.

The I4.0 site is aligned with Asturias smart specialization S3 aiming to generate entrepreneurial initiatives to explore and exploit technology 4.0 business opportunities. I4.0 welcomes entrepreneurs and start-ups that are innovative and Industry 4.0 enablers, in a variety of fields such as 3D printing, robotic, sensor, cybersecurity, virtual and intelligent reality, cloud computing, connectivity and mobility, solutions applied to the process, drones and big data. The I4.0 is an open and collaborative space, with private and communal areas, a show centre for technology potential, a venue that holds an array of activities and events related to industry 4.0.

During the year, it has managed to maintain a 100% occupancy rate, 6 companies in the field of Industry 4.0 & digitalization.

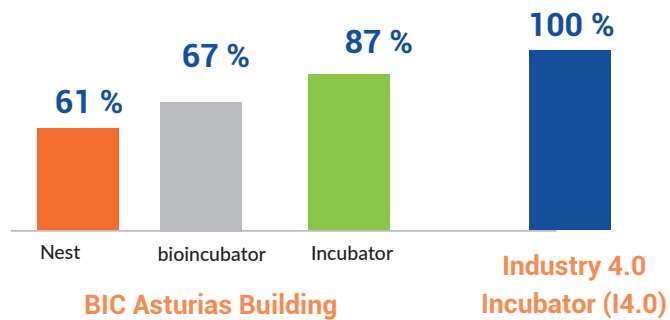


COMPANIES HOSTED IN 2021

59 Innovative companies

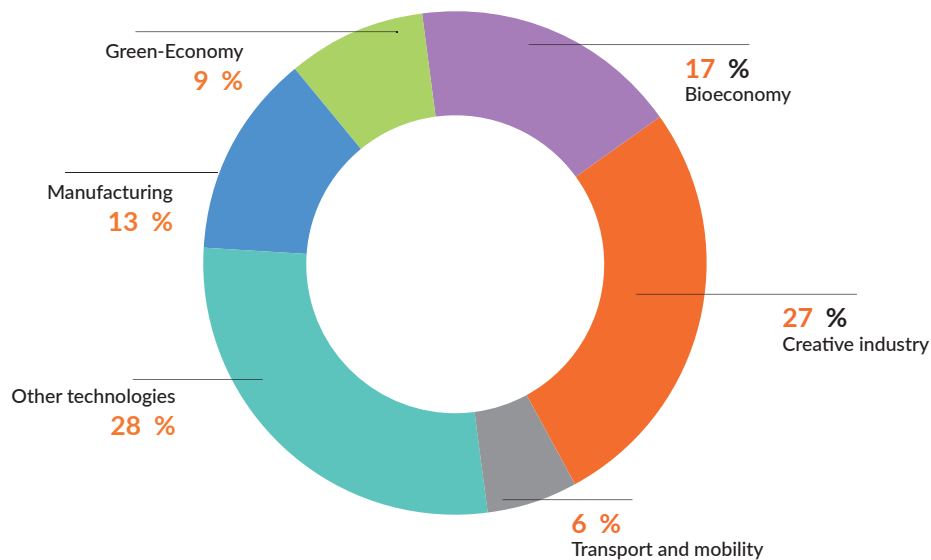
57,62 % are TBC

% occupancy rate by hosting model



- ▶ Hosted Businesses in 2021 **59**
- ▶ Accommodation demands **26**
- ▶ New installations **9**

Hosted Businesses /Sector distribution



R&D&i



R&D&i

R&D&i

Research and development of new methodologies are our main way to improve and increase the portfolio of services provided to clients.

At the same time, we pursue to identify and make the most of national and international programs of interest to accomplish our mission.

Besides, we are committed to share and transfer knowledge, methodologies and managerial tools to support entrepreneurs and other entities, either national or international, through technical assistance and taking part in joint projects.

Through an internal work group "Think Tank" we carry out the conception, analysis and development of proposals for the achievement of new international cooperation projects.

We continued the execution of the ongoing projects AT-VIRTUAL and Project to promote the development of new technology -based companies in Costa Rica.

- ▶ **In 2021, we submitted in association with partners 4 proposals for international, national and regional projects**



CEEI ASTURIAS leads the European project AT-VIRTUAL

AT-Virtual is financed through the Territorial Cooperation Program INTERREG Atlantic Area (2014-2020) under the European Regional Development Fund (ERDF). The aim of the project is to improve the

operability of the Maritime Safety Training Centers from Atlantic Area by accelerating their digitalization through the introduction of emerging technologies in the field of Industry 4.0 (Vision Technologies - Big data / Analytics - IoT). This process will be carried out through an open innovation methodology in collaboration with startups in the Atlantic Area.

During 2021, CEEI Asturias participated in the 5th y 6th Steering Committees celebrated in February 25th-26th and November 26th-27th.

In January 27th Munster Technological University organized the selection event of the 1st call in the field of IoT, it included a webinar on successful application cases of this technology with three successful startups of Cork - Ireland, a workshop with several inspirational presentations on real cases of application of the IOT in the maritime field and the pitch of the 7 preselected startups, 4 by startups from Asturias. Finally, the binomial Jovellanos Center (SASEMAR) – PIBICO was established, they will work together on the design and implementation of a system for monitoring and sending personalized messages.

In October, the second call in the field of Bigdata / Data Analytics was launched and addressed to startups to solve the challenges proposed by SASEMAR, Muster Technology University y Escola Superior Náutica Infante D. Henrique. After the closure of the call, 10 proposals were received, 9 by startups from Asturias.

<https://www.at-virtual.eu/>

Project to promote the development of new technology -based companies in Costa Rica

In collaboration with the European Business network EBN, we continue collaborating in the transfer of knowledge to promote the development of new technology-based companies in Costa Rica, a project promoted by the MICITT (Ministry of Science, Technology and Communications).

The Project began its second phase in January, including a soft-landing service in a global European innovation center. The objective of this phase was to reinforce the skills acquired by the entrepreneurs, through a portfolio of activities that allows them to learn about innovation ecosystems in Europe, analyze the selected market and generate connection with relevant agents in our country.

In this context, TAU TECHNOLOGIES participated during the first quarter of 2021 in the international softlanding program in Spain and its assigned global innovation center was CEEI Asturias.

To do this, we have carried out 36 hours of business immersion for the company and its service through:

- Work sessions for the validation of the business model in the Spanish market
- Individual advice to assess the different opportunities for internationalization
- Access to the regional innovation and business system: 10 meetings with relevant agents
- Training, networking, visibility,...

Achieving connection and strategic associations for TAUTECHNOLOGIES.



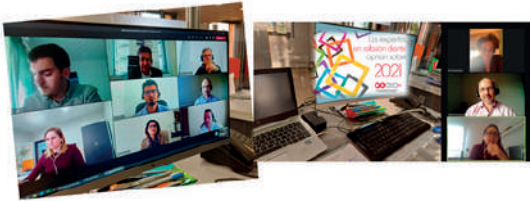
Fostering collaboration through mapping, analysing and interlinking of European Entrepreneurial Regions

CEEI Asturias, in its commitment to the growth of Asturian startups, has actively worked on the EERII project. This is a project that aims to promote collaboration between business ecosystems of regions awarded the EER seal of the European Union, in order to encourage SMEs and new innovative companies to scale in Europe and internationally.

With this objective, the CEEI team has contributed to the development of the study on the regional support ecosystem, sharing with the partners of the program the challenges and experiences of our territory in the thematic sessions held on key areas for the positioning of Asturian companies and from our region in the European context, such as access to finance for startups and scale-ups, softlanding opportunities or technology transfer through Digital Innovation Hubs, as well as actions in strategic sectors such as health or agri-food, facilitating in some of them the collaboration of regional stakeholders.

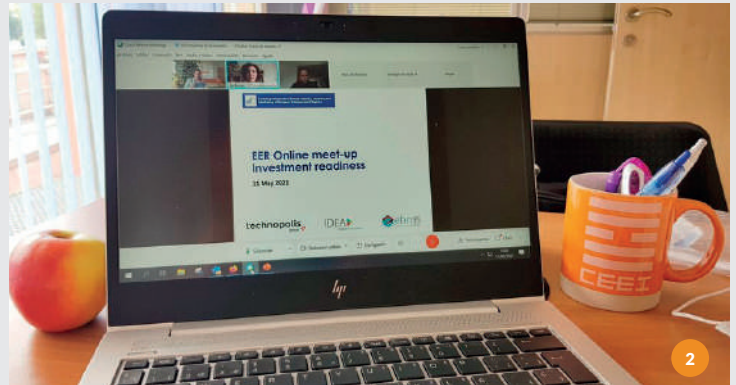
In addition to Asturias, the regions of Lower Austria (Austria), Flanders (Belgium), Helsinki-Uusimaa (Finland), Ile de France (France), Central Macedonia and Western Greece (Greece), North & Western Region and Northern Ireland (Ireland), Lombardy and Marche (Italy), Gelderland and North Brabant (Netherlands), Pomorskie and Maloposkie (Poland), as well as Catalonia, the Valencian Community and Navarra in Spain participate.

PROGRAMA DE INMERSIÓN VIRTUAL INTERNACIONAL TAU TECHNOLOGIES (Emocall) & CEEI ASTURIAS



¡Bienvenidos a Asturias! Tierra de talento y emprendimiento

1



2

3

1. Softlanding Programm Costa Rica
2. EERII project investment readiness webinar May 11
3. Best practice breakfast Open innovation, EBN, May 29



GOBIERNO DEL
PRINCIPADO DE ASTURIAS

CONSEJERÍA DE CIENCIA,
INNOVACIÓN Y UNIVERSIDAD