



# Accelerating sustainable energy innovation

PRESS KIT 2023

TBB, 2022 Photo Competition, © Tuy Tran Van



## About EIT InnoEnergy

# Empowering energy innovation for a sustainable future

EIT InnoEnergy operates at the centre of the energy transition and is the leading innovation engine in sustainable energy, bringing the technology and skills required to accelerate the green deal, progress towards Europe's decarbonisation goals, and improve energy security.

Ranked as Europe's top impact investor in cleantech in 2022, named in 2023 as a top 10 active deeptech investor by Sifted, and recognised globally as the most active sustainable energy investor, InnoEnergy backs innovations across a range of areas. These include energy storage, transport and mobility, renewables and sustainable buildings and cities – leveraging its trusted ecosystem of **1200+ partners** and **35 shareholders**.

InnoEnergy has a portfolio of **more than 200 companies**, which are estimated to generate **€110 billion in revenue** and **save 2.1G tonnes of CO<sub>2</sub>e** accumulatively by 2030. Collectively, these companies have raised more than **€9.7 billion in investment** to date.

InnoEnergy is the driving force behind three strategic European initiatives which include the European Battery Alliance (EBA), the European Green Hydrogen Acceleration Centre (EGHAC) and the European Solar Photovoltaic Industry Alliance.

Established in 2010, InnoEnergy is supported by the European Institute of Innovation and Technology (EIT), a body of the European Union. Since its inception, InnoEnergy has **screened more than 7,000 start-ups**, launched more than **300 products** to market and overseen its portfolio companies filing **370+ patents**. Today, InnoEnergy has a **200+ strong team** with offices across Europe and in Boston, US.

[www.innoenergy.com](http://www.innoenergy.com)



## EIT InnoEnergy in numbers

# Making an impact in sustainable energy



PitchBook



sifted/FT

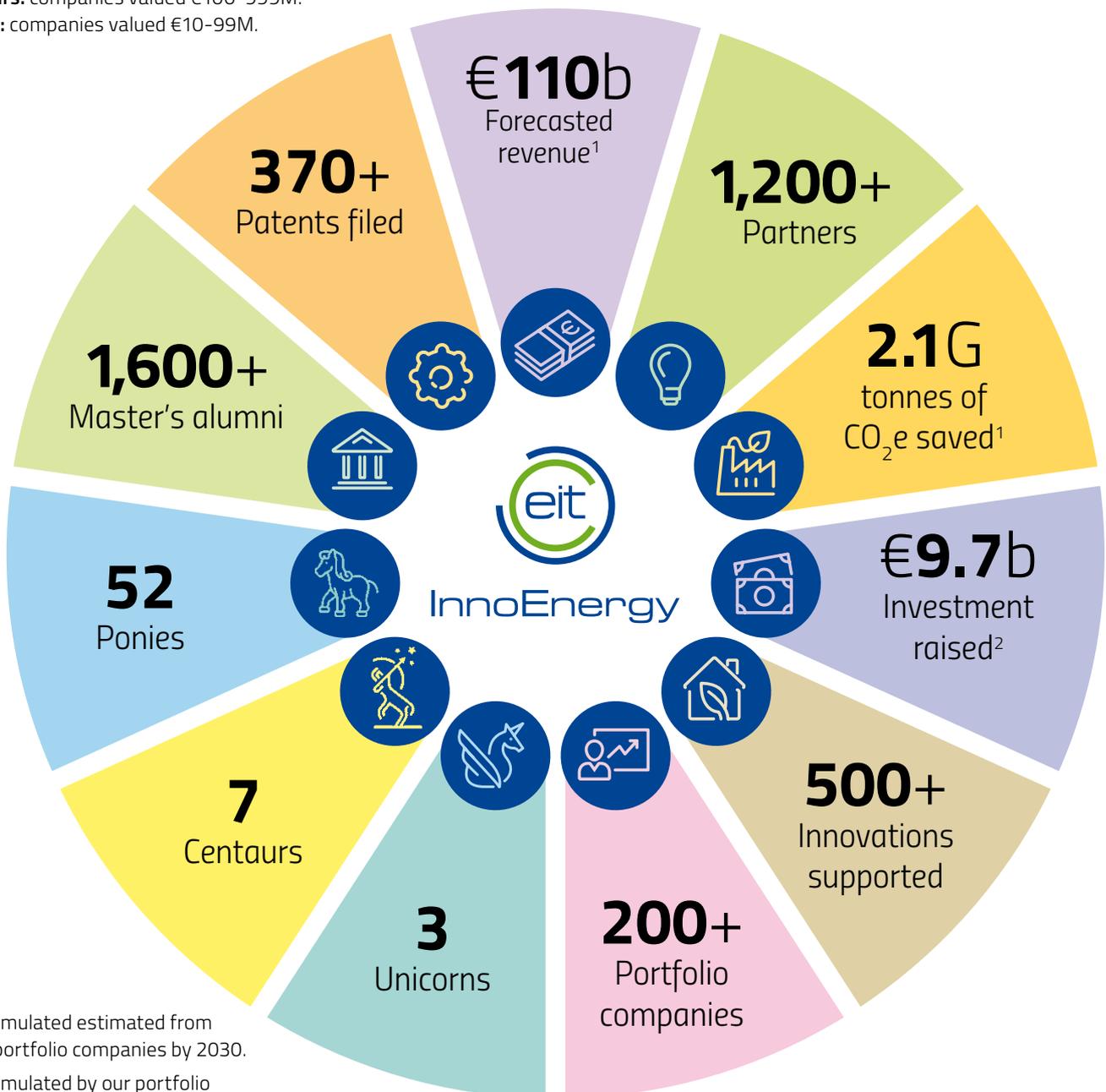


Startup Genome

**Unicorns:** companies valued +€1B.

**Centaur:** companies valued €100-999M.

**Ponies:** companies valued €10-99M.



<sup>1</sup> Accumulated estimated from our portfolio companies by 2030.

<sup>2</sup> Accumulated by our portfolio companies until 2022.

## The power of the network

# Building global connections

Our strength comes from our wide network of partners. They are our experts, our service providers, the early adopters of innovative solutions, and the employers of our graduates.

The InnoEnergy network includes our 35 shareholders, as well as 1,200+ partners.

All of them support our entrepreneurs and innovators with their experience and expertise. In return, they gain unrivalled opportunities to invest in new ideas and create commercial opportunities for new solutions. Together our partners represent industry, research, and higher education – and all are key players within the energy sector.



## Decarbonising Europe

# Creating new markets by establishing Industrial Value Chains

InnoEnergy is spearheading the way to a decarbonised Europe by 2050 through the leadership of three industrial value chains: European Battery Alliance (EBA) for battery storage, European Green Hydrogen Acceleration Center (EGHAC) for green hydrogen, and the European Solar PV Industry Alliance (ESIA) for solar photovoltaics.

By supporting large industrial projects, we are supporting industrial policy and directly impacting the energy trilemma: reducing the cost of energy, limiting greenhouse emissions and increasing availability and security.

### Industrial value chains



**400 GWh**

domestic EU cell production per year across the entire value chain by 2025



**€250bn/year**

new market potential by 2025



**1,200 TWh**

of EU final energy based on green H<sub>2</sub> by 2025

**EGHAC**

European Green Hydrogen Acceleration Center

**€100bn/year**

new market potential by 2025



**30GW**

annual solar PV manufacturing capacity by 2025



**ESIA**

European Solar PV Industry Alliance

**€40bn/year**

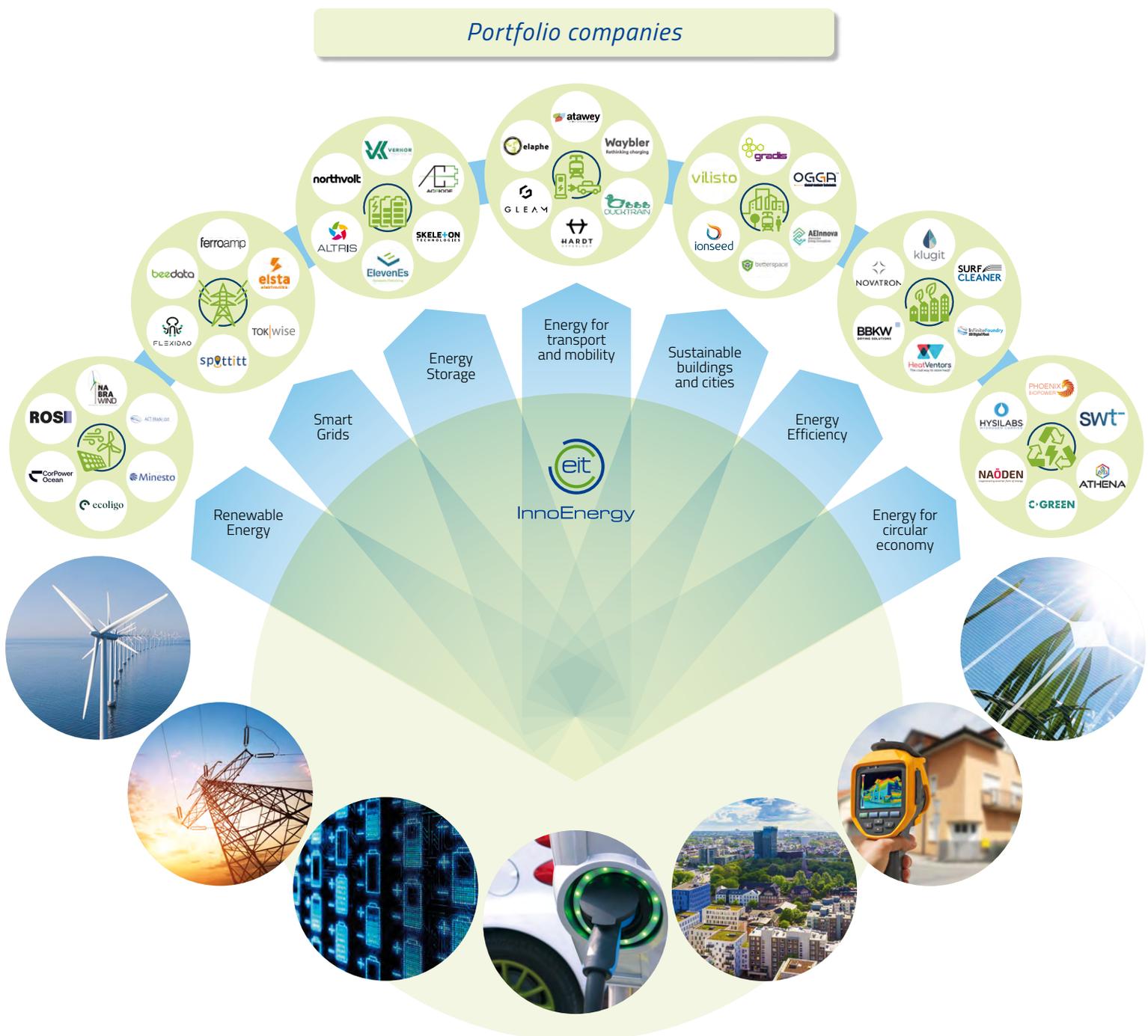
front-loaded investment in PV production capacity required

## Key start-ups and innovations

# Privileged access to a portfolio of innovative energy solutions

Developing a sustainable energy future is one of society's biggest challenges today, that is why we are working in seven critical thematic fields.

Below you will find some of our key assets in each field.



## Our education offering

# Connecting talent with the energy industry

We need an informed, engaged and ambitious workforce to join the sustainable energy revolution and achieve a sustainable European energy industry. Engineering and technical knowledge must be combined with commercial awareness and an entrepreneurial spirit.

Through our education service, we connect Europe's best universities with its best students, the top business schools and first-class employers. Together they help us create an educational programme that delivers what the industry and the people working in it need.

## EIT InnoEnergy Master School courses include



Master's in  
Nuclear Energy



Master's in  
Renewable Energy



Master's in Energy  
for Smart Cities



Master's in Sustainable  
Energy Systems



Master's in Smart  
Electrical Networks and  
Systems



AI for Smart Energy  
certificate programme

*Master School courses*

## InnoEnergy Skills Institute

The energy transition requires a vast upskilling and reskilling of the workforce. New technologies and solutions to reach net zero are plentiful, and many more are to come, but they require an evolution of skills and expertise to deliver them at the required scale.

The InnoEnergy Skills Institute is a response to this impending skills shortage and will focus on equipping the global workforce with the knowledge and expertise needed to decarbonise the economy.

*InnoEnergy Skills Institute*

## Executive team

# Catalysing and accelerating the energy transition

### **Diego Pavía**

*Chief Executive Officer*

Diego has been CEO of InnoEnergy since 2010. As a serial entrepreneur, he has created several companies during his career. In 2020 he was selected to become an international fellow at the prestigious Royal Swedish Academy of Engineering Sciences (IVA).



### **Bart de Beer**

*Chief Financial Officer*

Bart has extensive experience in working with large multinationals, including Reed Elsevier and Cisco, where he held senior financial roles.



### **Elena Bou**

*Innovation Director*

Elena has developed her professional career in the field of management consulting in both private and public companies.



### **Frank Gielen**

*Education Director*

Frank has extensive experience with R&D in the telecommunication and software technology sector as well as in raising venture capital, university-industry collaborative research and spin-off creation.



### **Kenneth Johansson**

*CEO of InnoEnergy Scandinavia*

Kenneth has worked for over 20 years in high tech manufacturing industry areas such as telecommunication, power conversion and renewable energies.



### **Mikel Lasa**

*CEO of InnoEnergy Iberia*

Mikel has extensive experience in bridging research, business and education within the renewable energy sector. Before joining InnoEnergy, Mikel was head of the wind turbine technology division of the Spanish engineering company Apia XXI.



### **Marcin Wasilewski**

*CEO of InnoEnergy Central Europe*

Marcin has been a member of the Polish Committee of the World Energy Council since 2018. He has worked at ABB where he managed the energy and heavy industry sectors. At PKN ORLEN, he was responsible for creating the energy segment. He also served as Chairman of the Supervisory Board of Anwil and was President of Baltic Power.



### **Christian Müller**

*CEO of InnoEnergy Germany*

Christian studied Chemical Engineering at the University of Karlsruhe and at the University of California, Berkeley, United States. In 1996, he received his PhD in technical thermodynamics.



### **Jacob Ruiter**

*CEO of InnoEnergy Benelux*

Jacob has held various positions in a wide variety of companies all related to energy. In his previous role he was the Director, Country Manager Energy Advisory of Benelux at DNV GL.



### **Karine Vernier**

*CEO of InnoEnergy France*

Karine brings over 20 years of experience in the global energy industry, having successfully led numerous programmes in the clean energy sector, notably with energy giants ENGIE and GRTgaz.

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