

# Holosolis, backed by EIT InnoEnergy, launches Europe's largest solar PV gigafactory to bolster EU energy security

*The photovoltaic modules gigafactory in Sarreguemines, Moselle, France will be fully operational from 2027.*

**16 May 2023:** Today, [Holosolis](#), a company founded by [EIT InnoEnergy](#), the innovation engine for sustainable energy supported by the European Institute of Innovation & Technology (EIT), a body of the European Union (EU), IDEC group and TSE, announces Europe's largest PV module gigafactory, to be built in Moselle, France. Aiming to accelerate Europe's solar PV manufacturing capabilities to ensure continental energy security, the new production site will see the capacity of Europe's current largest factory bested by almost 70%.

The factory will start production in 2025 and, at full capacity will have a production capacity of 5GW per year, producing 10 million photovoltaic modules annually, equivalent to the energy needs of one million European homes. Committed to supporting local talent, it will also employ 1,700 people, most of which will be recruited in the Grand Est region and the Sarreguemine area, supported by a partnership with Pôle Emploi.

At a time where energy security is high on the agenda, Holosolis is committed to increasing Europe's solar manufacturing capacity. With China currently responsible for 80% of the world's installed photovoltaic modules - compared to 3% for the European Union – Holosolis answers directly to growing concerns about supply sovereignty. Holosolis also puts sustainability at the core of its industrial project, aiming to lead the EU industry towards low-carbon, recyclable products.

Holosolis was created by three leading players in their respective markets. First, EIT InnoEnergy, supported by the European Union, one of the largest investors in cleantech and sustainable energy. EIT InnoEnergy has brought on board the IDEC Group, a major player in the French real estate industry and TSE, one of the main producers of solar energy in France, leader in agrivoltaics.

**Diego Pavía, CEO of EIT InnoEnergy said of the announcement:** *"Holosolis is part of the European dynamics of reindustrialisation of the photovoltaic sector. The international consultation conducted by the Holosolis team, which awarded the first gigafactory site to Sarreguemines in France, is a first illustration of this dimension. EIT InnoEnergy is proud to support a new player like Holosolis, which will undoubtedly be the first industrial reference of the European Solar Industrial Alliance that we are leading. With its 5GW of production, Holosolis will contribute to more than 15% of the ESIA's objective: annual capacity of 30GW by 2025, corresponding to 60 billion euros of new annual GDP in Europe and the creation of more than 400,000 new jobs (direct and indirect)."*

**Jan Jacob Boom-Wichers, CEO at Holosolis commented:** *"We will manufacture the most energy efficient modules, incorporating the latest photovoltaic technologies, with the lowest carbon footprint and highest social standards. Scale effects and line automation will allow for a competitive cost to rival the*



*global giants in the industry. Our modules will be aimed at three main markets: residential roofing, industrial and commercial roofing, and agrivoltaics."*

The gigafactory is set to be a strategic project for the success of the European Union Green Deal Industrial Plan. Holosolis is also one of the flagship initiatives carried out within the framework of the European Solar and photovoltaics Industrial Alliance (ESIA) to reindustrialise Europe at a sustained pace. In the context of the REPowerEU plan, launched in 2022, Europe aims to bring online 600GW of solar energy by 2030. The gigafactory will be a supplier of this booming EU market.

Following a thorough review process, Holosolis chose France for the know-how and availability of its workforce, the quality of its infrastructure and the low-carbon nature of the energy made in the country. The site secured for the gigafactory is across 50-hectares, offering expansion space as new technologies and manufacturing capacities are integrated.

**ENDS**

### About Holosolis

Holosolis is a simplified joint stock company (SAS) created in 2022 by EIT InnoEnergy, IDEC Group and TSE to design, build and operate Europe's largest photovoltaic gigafactory, which will open in 2025 in Hambach, near Sarreguemines (Moselle). At cruising speed, starting in 2027, this gigafactory will produce 10 million photovoltaic panels per year, representing a capacity of 5 GW, or the annual energy needs of one million homes. Holosolis is already planning the creation of other solar panel production plants in Europe.

### About EIT InnoEnergy

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 goal, 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, EIT 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 29 shareholders.

The 180+ portfolio companies are on track to generate €72.8 billion in revenue and save 1.1G tons of CO<sub>2</sub>e annually by 2030. Collectively, these companies have raised €8 billion in investment to date.

EIT 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.

EIT InnoEnergy was established in 2010 and is supported by the European Institute of Innovation and Technology (EIT), an independent EU body set up in 2008 to drive innovation and entrepreneurship across Europe. Since its inception, EIT InnoEnergy has screened more than 7,000 start-ups, launched more than 300 products to market and overseen its portfolio companies filing 290+ patents. Today,



EIT InnoEnergy has a 200+ strong team with offices across Europe and in Boston, US.  
[www.innoenergy.com](http://www.innoenergy.com)

### About TSE

TSE is a French independent solar energy producer, present throughout the value chain. Its operating fleet is composed of 17 solar power plants, i.e. the equivalent of the electricity consumption of 130,000 inhabitants. In September 2021, TSE inaugurated the second largest photovoltaic power plant in France, located in Marville, in the Meuse region for an area of 150 ha. With a totally innovative agricultural shade solution, TSE is also one of the leaders in agrivoltaics. The company inaugurated in September 2022 its first agricultural canopy, a world innovation, in Amance, in Haute-Saône on a plot of field crops. In April 2023, TSE raised €130 million in capital to strengthen its development.

### About GROUPE IDEC

GROUPE IDEC is a major player in the real estate sector, bringing together more than twenty companies with expertise in their fields. It works in France and abroad to develop, finance, provide innovative energy solutions and design and build all types of buildings. It positions itself as an actor responsible for the energy transition and the limitation of soil artificialization.

The company approaches each new operation with the communities to revitalize the territories by creating new living and working spaces. This commitment translates into a desire to contribute to the green growth of cities, businesses and individuals while combining with the challenges of economic development, sustainable, coherent and pragmatic.

- 2000 Year of creation
- €521 million in sales in 2022
- 550 employees in France + 700 worldwide
- 3.2 million m<sup>2</sup> certified
- + 1,000 ha developed or in progress in France and internationally
- €320,000,000 in real estate assets
- 700,000 m<sup>2</sup> built each year
- + 20 parks in France and internationally