MISSION AND VISION STATEMENT

EIT InnoEnergy vision is ‘to be the leading engine for innovation and entrepreneurship in sustainable energy’.

EIT InnoEnergy defines its mission as ‘to build and manage a sustainable, long-lasting operational framework amongst the three actors of the knowledge triangle in the energy sector: industry, research, and higher education, while ensuring that the integration of the three is more efficient and has a higher impact on innovation (talent, technology, companies) than the three standing alone’.

EIT InnoEnergy, with the other KICs, have demonstrated that innovation is vastly different compared to research (and compared to commercial activities); and requires different parties involved (research institutes, universities, industry, public administration, financial institutions, regulators), different dynamics (not only project based interactions, but ambitions in a given sector), different management (from project or deal bilateral management to management of dynamics based on societal challenge goals) and different values (trust is key in InnoEnergy ecosystem).

KEY FACTS AND FIGURES

**Horizon Europe Pillar and Cluster:** Pillar III – European Institute of Innovation and Technology

**Type of Partnership:** Institutionalised – EIT KIC

**Coordinating entity:** EIT InnoEnergy SE

**Total estimated budget:** EUR 43 m (2021); EUR 36.58 m* (2022)

**Predecessor under Horizon 2020:** Started in 2010

* KIC budget is approved on a yearly basis based on the assessment of the KIC’s Business Plan by the EIT

FIND OUT MORE

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PARTNERSHIP SPECIFIC IMPACT PATHWAY (PSIP)

PARTNERSHIP VISION: LEADING ENGINE FOR INNOVATION AND ENTREPRENEURSHIP IN SUSTAINABLE ENERGY

SUPPORT EU ENERGY TRANSITION

GENERAL LEVEL IMPACTS
- Employment Growth
- Increase Competitiveness of the European Value Chains
- Increase Economic Growth (GDP)
- Decrease in Cost of Energy
- Decrease of GHG Emissions
- Increase Operability of the Energy System

SPECIFIC LEVEL OUTCOMES
- Students Leading and Working in New Ventures
- Revenues Generated by the Supported Assets
- Investment Amount Attracted by Ventures Supported by KICS
- Start-ups and Scale-ups Supported

OPERATIONAL LEVEL RESOURCES & ACTIONS
- Functional Business Model
- Revenues Generated by INNOENERGY
- Trusted Ecosystem and Active Partners
- Products and Services to Market

INVESTMENT AMOUNT ATTRACTED BY VENTURES SUPPORTED BY KICS
### PARTNERSHIP’S KEY PERFORMANCE INDICATORS

<table>
<thead>
<tr>
<th>KPI NAME</th>
<th>UNIT OF MEASUREMENT</th>
<th>BASELINE</th>
<th>TARGET 2023</th>
<th>TARGET 2025</th>
<th>TARGET 2027</th>
<th>AMBITION &gt;2027</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revenue generated by EIT InnoEnergy – audited</td>
<td>€</td>
<td></td>
<td>€61.2 m</td>
<td>€120.2 m</td>
<td>€182.2 m</td>
<td>€220 m</td>
</tr>
<tr>
<td>Equity positions from the balance sheet – audited</td>
<td>€</td>
<td></td>
<td>€500 m</td>
<td>€1000 m</td>
<td>€1600 m</td>
<td>€2000 m</td>
</tr>
<tr>
<td>Active Partners</td>
<td>Number of organisations</td>
<td>500</td>
<td>800</td>
<td>1000</td>
<td>1000</td>
<td></td>
</tr>
</tbody>
</table>

#### RESOURCES (INPUT), PROCESSES AND ACTIVITIES

#### OUTCOMES

<table>
<thead>
<tr>
<th>KPI NAME</th>
<th>BASELINE</th>
<th>TARGET 2023</th>
<th>TARGET 2025</th>
<th>TARGET 2027</th>
<th>AMBITION &gt;2027</th>
</tr>
</thead>
<tbody>
<tr>
<td>Products and services to the market</td>
<td>Number of products</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>60</td>
</tr>
<tr>
<td>Start-ups and scale-ups supported</td>
<td>Number of start-up/ scale ups supported</td>
<td>90</td>
<td>90</td>
<td>90</td>
<td>90</td>
</tr>
<tr>
<td>Investment amount attracted by ventures supported by KICs</td>
<td>€</td>
<td>€800 m</td>
<td>€1000 m</td>
<td>€1000 m</td>
<td>€1000 m</td>
</tr>
<tr>
<td>Revenues generated by the supported assets</td>
<td>€</td>
<td>€500 m</td>
<td>€1200 m</td>
<td>€1500 m</td>
<td>€2000 m</td>
</tr>
<tr>
<td>Students leading and working in new ventures</td>
<td>Number of students</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>40</td>
</tr>
</tbody>
</table>

#### IMPACTS

<table>
<thead>
<tr>
<th>KPI NAME</th>
<th>BASELINE</th>
<th>TARGET 2023</th>
<th>TARGET 2025</th>
<th>TARGET 2027</th>
<th>AMBITION &gt;2027</th>
</tr>
</thead>
<tbody>
<tr>
<td>New jobs created &amp; maintained (multiplied with 4 for indirect)</td>
<td>Number of jobs</td>
<td>10000</td>
<td>20000</td>
<td>25000</td>
<td>30000</td>
</tr>
<tr>
<td>Increase competitiveness of the European value chains</td>
<td>Number of value chains</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>Decrease of costs of energy</td>
<td>€ saved</td>
<td></td>
<td>€1800 m</td>
<td></td>
<td>€1800 m</td>
</tr>
<tr>
<td>Decrease of GHG emissions</td>
<td>Giga tonnes of CO$_2$ abated</td>
<td>0.3</td>
<td>0.3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Increase operability of the energy system</td>
<td>TWh of renewable energy deployed</td>
<td></td>
<td></td>
<td>100</td>
<td>100</td>
</tr>
</tbody>
</table>

The baseline for the impact indicators for 2020 is available here: https://issuu.com/innoenergy/docs/eit_innoenergy_impact_report_2020_digital_low?mode=window&_hsmi=154129881&_hsenc=p2ANqtz--LLS1l8raYfxR2UPP7Z1AI3fuUYXua2tVQ9V2uU9vC2aPAC0mMM60mw8B8Ehi1BPu2XmYKQFa5VLWuEeCvib44JRXA

The impact is assessed every two years and published in an impact report.
SYNERGIES WITH OTHER EUROPEAN AND NATIONAL INITIATIVES

EUROPEAN BATTERY ALLIANCE (EBA)

EIT InnoEnergy has been entrusted by the European Commission to drive forward and promote EBA250 activities. EIT InnoEnergy’s role in the European Battery Alliance is to provide background data and to define key questions, recommendations, and actions. EIT InnoEnergy also supports the establishment of a European battery ecosystem by providing EBA250 workshops, a meeting place for key stakeholders along the entire value chain.

EBA goal is to build a strong pan-European battery industry to capture a new market worth EUR 250 billion a year in 2025.

EBA is an independent meeting place: more than 700 members throughout the value chain have joined EBA250. The members come from the industrial, academic, and financial worlds, from mining to recycling.

EBA is project driven: our actions’ DNA are competitiveness, sustainability, significant impact, objective focus, urgency, concrete, project-driven, sharing and investment.

EUROPEAN GREEN HYDROGEN ACCELERATION CENTER

The European Green Hydrogen Acceleration Center (EGHAC) focuses purely on accelerating the uptake of green hydrogen in Europe – generated only with renewable sources such as wind or solar – as a key pillar for decarbonising our heavy industry, energy, and transport sectors.

EGHAC was set up by the EIT InnoEnergy and Breakthrough Energy with the ambition by 2025 to build a EUR 100 billion a year green hydrogen economy. This will create up to 500,000 direct and indirect jobs across the complete value chain. The ambition for yearly demand for useful green hydrogen-based energy will be 1,200 TWh.

The EGHAC will initiate and support large scale industrial green hydrogen projects which will have massive CO₂ reduction impact, kickstart the creation of a green hydrogen economy and create jobs. These projects are always considered from a value chain perspective and explicitly include the ‘off-takers’ (end customers).

Next to large-scale industrial projects EGHAC supports further developments of green hydrogen-related technology. Start-ups and innovation projects can get support via the regular EIT InnoEnergy processes and support programmes.

EUROPEAN SOLAR INITIATIVE (ESI)

The ESI aims to re-develop a strong photovoltaic (PV) manufacturing industry in Europe across the entire value chain from raw materials to recycling, which will capture the additional 20 GW of annual solar demand forecasted in Europe for the next decade. This will generate EUR 40 billion of GDP annually and create 400,000 new direct and indirect jobs across the PV value chain.

The ESI combines the thriving ecosystem of PV players created over the years by SolarPower Europe and the successful blueprint of the European Battery Alliance, led by EIT InnoEnergy, with its Business Investment Platform (BIP). Designed to bridge the gap between business cases, investors, off takers, delivery resources, BIP shortens time to investment, de-risks, accelerates and boosts the robustness of the investment cases in all required dimensions (technology, team, supply chain, environmental sustainability and off-takers).
OVERVIEW OF MEMBERS

MEMBERS PER TYPE

- **INDUSTRY**: Other Industrial and/or profit Private organisation
- **UNIVERSITY**: University and other higher education organisations
- **RESEARCH**: Public research organisation (including international research organisation as well as private research organisation controlled by a public authority)
- **PUBLIC**: Research funders, ministries, regions, cities
- **SMEs**: Non-profit, associations, state companies etc.

GEOGRAPHICAL COVERAGE

Total number of partners: 578