

InnoEnergy Skills Institute reaches milestone of 50,000 upskilled learners to support a growing battery industry

The InnoEnergy Skills Institute has announced the completion of specialised training courses for over 50,000 individuals, a significant step towards addressing the growing workforce demands in the battery industry.

11 December 2023: [InnoEnergy Skills Institute](#), one of Europe's leading training skills providers for the sustainable energy workforce, has hit a milestone since its launch in February 2022. Led by [EIT InnoEnergy](#), 50,000 learners have now undertaken training courses to gain skills necessary to thrive in a rapidly evolving value chain. Trainings built in collaboration with the European Battery Alliance ranged from battery fundamentals to technical courses for knowledge in battery management systems, battery testing, safety and security.

Markets within the value chain are showing significant growth potential, with annual demand for lithium-ion batteries projected to reach 4,700 gigawatt hours (GWh) by 2030 globally – an increase of more than six times the global usage figure of around 700 GWh in 2022. Stationary storage installations worldwide are also predicted to reach over 400 gigawatts by the end of 2030 – 15 times the battery storage capacity online at the end of 2021.

As the sector continues to expand, employers and employees will need to adapt. Market analysis signals 800,000 workers will need to be trained or upskilled by the end of 2025 to meet the new demand in Europe. In addition, more than 700 unique job profiles and skills in the sector have been identified in a [recent report](#) by InnoEnergy Skills Institute. The range of occupations encompasses skills required to mine materials, design, manufacture, integrate within applications, decommission and recycle batteries.

The increasing growth trajectory of the Skills Institute has been facilitated by backing from 11 Member States and regions including Spain, France, Hungary, Gothenburg Region, Romania, Bulgaria, Flanders, Wallonia, Ireland, Slovakia, and partnerships with industry giants ManpowerGroup and NIIT. With 35 learning packages in 10 languages and an expanding network of 4000 Local Training Providers to deliver trainings, the number of trainers and learners is expected to continue exponentially increasing.

Maroš Šefčovič, European Commission, Executive Vice-President, said: *“We want our European industry to be leaders in the green transition. This of course include European manufacturers of sustainable batteries, whom as recently announced, we will support with financial aid of up to €3 billion. With this support, but also with the continuation of our efforts to prepare the workforce with skills for the evolving industry, we will bolster the competitive edge of our companies and secure a strong value chain for batteries. The European Battery Alliance skills programme serves as a successful blueprint for other sectors.”*

Oana Penu, InnoEnergy Skills Institute, Director, commented: *“EIT InnoEnergy firmly believes that enabling ecosystems is key to addressing skills gaps at scale. Through the InnoEnergy Skills Institute we are mobilising both industry and training development partners as multipliers, we can successfully propagate knowledge to even more learners around Europe. At a critical moment for European industry, we aim to empower the workforce to be active participants in the net zero transition and ensure nobody is left behind.”*



Riccardo Barberis, ManpowerGroup's Regional President of Northern Europe added: *"We are delighted to congratulate every learner who has developed new green skills, yet especially pleased to reach the milestone of 50,000 courses completed. This program is an investment in people and the planet, creating opportunities for individuals to have meaningful careers that benefit us all. ManpowerGroup is proud to collaborate with InnoEnergy to build a pipeline of skilled talent who will support Europe's transition to a net-zero future is not only smart business, but the right thing to do to help people level up their potential."*

To mark the occasion today at 11:30-12:30 CET, the European Commission's Executive Vice-President, Maroš Šefčovič, will award learning certificates to learners from five Member States – Slovakia, Poland, Spain, Romania and Sweden – who will each share their testimonies – and witness the achieved milestone of 50,000 upskilled workers. A livestream of the event can be accessed [here](#).

The news comes as European Commission's '[European Year of Skills](#)' draws to a close, announced September last year, to support cross-sector workforce development to meet the skills demand required for sustainable growth, more innovation and to boost domestic companies' global competitiveness.

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About EIT InnoEnergy

[EIT InnoEnergy](#) operates at the centre of the energy transition and is the leading innovation engine in sustainable energy. It brings the technology, business model innovation and skills required to accelerate the green deal, progress towards Europe's decarbonisation and re-industrialisation goals, whilst also improving energy security.

Recognised as Europe's top Cleantech and Blue Economy venture capital firm and investor in 2023 by [Startup Genome](#), one of Europe's top 10 most active deeptech investors by [Sifted](#) in 2023 and the most active investor in the energy sector in 2022 by [Pitchbook](#), InnoEnergy backs innovations across a range of areas. These include energy storage, transport and mobility, renewables, energy efficiency, hard to abate industries, smart grids and sustainable buildings and cities.

InnoEnergy has a portfolio of more than 200 companies, which are estimated to generate €110 billion in revenue and save 2.1G tonnes of CO₂e 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 Center](#) (EGHAC) and the [European Solar Photovoltaic Industry Alliance](#) (ESIA).

InnoEnergy was established in 2010 and 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 trusted ecosystem of 1200+ partners and 35 shareholders and a 200+ strong team with offices across Europe and in Boston, US.

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