**Start Up
Energy Transition**
Global Innovation Platform

The SET100 List 2025

The 100 Most Promising Energy & Climate Tech Start-ups of 2025

#SET100 #SET25
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German Energy Agency

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**WORLD
ENERGY
COUNCIL**

Start Up Energy Transition (SET)

In 2016, the German Energy Agency (dena) identified a strong need to support impactful innovation aimed at accelerating the energy transition worldwide. With support from the German Federal Ministry for Economic Affairs and Climate Action (BMWK) and industry partners, dena launched the SET platform to foster meaningful connections between corporate players, the public sector, and energy innovators. The goal is to rapidly scale clean energy technologies while increasing political will and public acceptance.

In 2017, the World Energy Council joined dena as a cooperation partner to expand the reach and leverage of SET. SET continues to enable these connections with its unique position at the crossroads of the private and public sector. At its core, the SET platform is built on three pillars: The SET Award, SET Tech Festival and SET Newsroom.

The SET100 List

What is the SET100 List?

The SET100 list is a compilation of the top 100 SET Award applications. The initiative was first launched in 2017 in collaboration with the World Energy Council with the aim of offering young companies a platform to showcase their forward-thinking solutions.
The Start Up Energy Transition Award is an international competition for start-ups and young companies worldwide working on impactful ideas affecting the global energy transition and climate change. Over the past nine years, the award has received more than 3,900 applications from over 100 countries.

SET Award 2025

Going into the ninth year, SET is thrilled to present the top 100 international start-ups from the SET Award 2025 competition. More than 350 start-ups from 68 countries applied across five categories to showcase their game-changing solutions.

The SET Award Categories

Clean Energy & Storage

Mobility & Transportation

Industry

Buildings & Construction

Quality Energy Access & SDG-7

Greetings from the Initiative Board

'The SET100 list is the central showcase for the world's most innovative and promising start-ups in the energy transition. The selected start-ups present practice-proven, forward-looking solutions that actively contribute to achieving our climate goals. As a signpost for technological innovations and scalable business models, they accelerate the transition to sustainable, resilient energy systems - for the benefit of people and the planet. The SET100 list embodies the pioneering spirit we need to master the global challenges of the energy transition.'

Corinna Enders
Chairperson of the Management Board, German Energy Agency

'The trailblazing start-ups on this year's SET100 List exemplify the transformative power of innovation as we redesign energy systems for people and the planet. Supporting these changemakers on their journey to scale is both inspiring and essential. Our continued partnership with dena reflects our shared commitment to putting people and communities at the heart of global energy transitions.'

Dr. Angela Wilkinson
Secretary General & CEO, World Energy Council

SET100 Voices

'SET has a strong reputation, and being recognized alongside other impressive finalists, like Roam—a front-runner in Africa—strengthens our position, especially in building a long-term narrative for our company. Aligning with leading innovators is invaluable as we continue to grow and communicate our impact.'

William Bergh
CEO of Cling Systems - SET24 Winner

'South 8 has received new financing through a strategic partnership with Porsche Ventures and we are currently fundraising for our Series B. The SET Awards were a great opportunity to make progress on these initiatives by deepening some of our industry relationships and establishing new connections, and we look forward to similar opportunities this year.'

Jungwoo Lee
Co-Founder & CTO of South 8 - SET24 Finalist

'SET fosters a motivating environment of peer-sharing, where innovators are united by a common purpose. Every conversation here brings new insights, reminding us we're part of a much larger effort to make the world a better place. We can't change the world on our own, and seeing so many others with the same goals is incredibly satisfying.'

Juan Stockerman
BD Manager of Magnotherm - SET24 Winner

Methodology

SET designed its evaluation process to provide a fair and holistic representation of energy and climate tech start-ups. The process was guided by international and cross-sector experts from the energy and start-up communities. The evaluation was conducted in four distinct phases:

1. Criteria Check

The SET team reviewed all 350+ applications to ensure they met the minimum eligibility criteria. To qualify for the SET Award, start-ups had to meet the following requirements:

- The company must not have been founded more than 10 years ago
- There must have been a functioning prototype
- The company must be registered or be in the process of becoming registered.
- The applicant must be able to present a proof of concept, a client, and/or an industrial/corporate/institutional partner

2. ScaleX Model

Eligible start-ups were then evaluated using the SET-specific ScaleX model, developed by our French partners at ScaleX. This model assessed each start-up based on their application data and SET Award categories. Key evaluation metrics included: growth, impact, adoption, scalability, market penetration, and of course – innovation.

3. High-level Jury Evaluation

The top third of start-ups, as ranked by the ScaleX model, were evaluated by a high-level jury consisting of prominent experts from the energy and climate tech ecosystems. Each application was scored on a 10-point scale based on: their relevance, business model, innovation level, market awareness and potential, capacity to execute their strategies (finances, network, leadership, etc.) and diversity.

4. Quantitative & Qualitative Score Weighting

Finally, the scores from the ScaleX model and the high-level jury were compared, analysed, weighted, and combined. This thorough process resulted in the final SET100 list.

5. Transparency disclaimer

The order in which the finalist start-ups and SET100 start-ups are listed in the categories is deliberately random and does not reflect the SET scoring.

The SET Award 2025 Jury

Corinna Enders
Chairperson of the Management Board
German Energy Agency

Michael Hackethal
Multilateral Cooperation on Climate & Energy Division Head
Federal Ministry for Economic Affairs and Climate Action

Dr. Angela Wilkinson
Secretary General & CEO
World Energy Council

Dr. Axel Dickenbrok
Investment Director DACH
EIT InnoEnergy

Jane Wu
Executive Director
Venture Cup

Freerk Bisschop
Venture Partner
Inven Capital

Robina von Stein
Investor
Contrarian Ventures

Felix Krause
Partner
Vireo Ventures

Julia Padberg
Partner
SET Ventures

David Wortmann
Founder & Managing Director
DWR Eco

David Arinze
Off-Grid Energy Portfolio Lead
Diamond Development Initiatives

Patricia Tatto
Vice President
ATA Renewables America

Niclas Carlsson
Director of International Market Development
Swedish Energy Agency

Dr. Isabelle Canu
Partner
GET Fund

Luis Sperr
Managing Partner
kopa ventures

Marie-Line Vaiani
Secretary General
French Committee of the World Energy Council

Andreas Kuhlmann
CTO/COO
Christ&Company

Daria Saharova
Founding Partner
World Fund

Stefan Mager
Head of Infrastructure Energy, Water, Mobility
GIZ

Aneri Pradham
Climate Ecosystem Builder
One of a Kind Ltd

The SET Award 2025 Jury

Emet Zeitz
Head of Ecosystem Development & Strategic Partnerships
Net Zero Insights

Javiera Aldunate
Representative of the MIT Sloan Latin America Office
MSLAO

Lars Eiermann
Chief Sustainability Officer
TUM Venture Labs

Pavina Adunratanasee
Founder
Catalyze Climate

Samuel Gerlach
Senior Innovation & Venture Development Manager
E.ON

Asimina (Mina) Syriou
Energy Lead
European Space Agency (ESA)

Folker Trepte
EU&R Industry Leader
PwC Germany

Iris Jensen
Investment Manager
BayWa r.e.
Energy Ventures

Gary Soleiman
Manager
Global Partnerships
Startup Nation Central

Lucy Yu
CEO & Founder
Centre for Net Zero

Mike Mulcahy
CEO
GreenCape

Dr. Anne-Kathrin Hinze
Investment Manager
DeepTech & Climate Fonds

Halimah Badioze Zaman
Holder of Tan Sri Leo Moggie Chair in Energy Informatics
UNITEN

Janayna Bhering Cardoso
Executive coordinator of PNME & Business Development
Fundep

SET100 Innovation Spectrum

Clean Energy & Storage

Clean Energy & Storage remains the largest sector within the SET100 landscape, accounting for 40% of the start-ups. Generating monthly revenue of €13.4M, with an expected 8.8x increase in two years, and with a planned employment increase from 1,369 to 8,705 by 2026, the sector is proving its market impact. A strong focus on research and development is evident, with 385 patent applications submitted and 220 already granted. The technical complexity of this sector is notable, with 69.2% of solutions classified 'very complex', highlighting the sophisticated nature of innovations such as advanced battery technologies, hydrogen storage systems, and next-generation smart grids. Additionally, Clean Energy & Storage holds the highest representation of early-stage ventures, accounting for 25%, underscoring the sector's growth potential.

The Clean Energy & Storage landscape is evolving with a strong focus on energy storage solutions, AI-driven energy management platforms, and advancements in hydrogen production. The emphasis is on creating smarter, more flexible grid systems that can accommodate the growing share of renewable energy sources. Battery storage technologies are becoming more modular and scalable, providing both residential and industrial users with increased energy security. Solar innovations span across the sector, from advanced panel recycling and mounting systems to AI-powered site selection platforms. Meanwhile, AI-powered platforms are optimizing energy distribution, enabling predictive maintenance and real-time efficiency improvements. Hydrogen-based solutions are also gaining momentum, with innovations focused on cost-effective production and storage methods to support the broader transition to renewable energy.

Mobility & Transportation

Mobility & Transportation, representing 16% of SET100 start-ups, is generating monthly revenue of €6.6M, with an expected 8.5x increase in two years, and with a current workforce of 791 employees that is set to more than double to 1,651 by 2026, as demand for next-generation EV components, fleet management software, and connected infrastructure surges. The sector has a robust intellectual property pipeline, with 149 existing patents and 172 additional applications underway, covering areas such as battery optimization, and intelligent transport networks.

Mobility start-ups are developing a diverse range of solutions spanning electric vehicle (EV) charging infrastructure, AI-driven fleet optimization, and sustainable logistics. The portfolio includes innovative battery solutions from solid-state to ultra-fast charging technology, alongside alternative propulsion systems like marine biofuels and wind-assisted technology. From seaglider transportation to solar-powered trucks and hydrogen airships, the companies are advancing multiple approaches to sustainable transport, while specialized platforms for last-mile delivery and fleet management enhance operational efficiency.

SET100 Innovation Spectrum

Industry

Industry-focused start-ups, representing 14% of the SET100 start-ups, is generating monthly revenue of €2.1M, with an expected 22.3x increase in two years, and with a current workforce of 399 employees that is expected to grow to 1,036 by 2026, driven by regulatory pressures and corporate sustainability goals. Patent activity within the industry sector is high, emphasizing the commitment to developing innovative solutions for energy-intensive industries such as manufacturing, mining, and materials processing.

Key trends in the industry sector revolve around process optimization, sustainable materials, and emissions control. Companies are introducing advanced digital platforms that enable resource efficiency by optimizing production processes and reducing emissions. Material innovation is gaining traction, with solutions ranging from waste-to-syngas technology to sustainable extraction methods and PV recycling. Digital monitoring and control systems, such as greenhouse gas detection and wastewater management platforms, are helping industries transition towards more sustainable operations through real-time analysis and optimization.

Buildings & Construction

Comprising 15% of the SET100 start-ups, the Buildings & Construction sector is generating monthly revenue of €2.9M, with an expected 4.6x increase in two years, and with a current workforce of 454 employees that will expand to 936 by 2026, reflecting strong demand for energy-efficient solutions. The sector's focus is on optimizing building performance through digitalization and the adoption of energy-efficient materials.

Start-ups in this category are leading the way with AI-driven building automation platforms, smart energy management systems, and sustainable construction materials. Digital twin technology and data analytics platforms enable energy efficiency monitoring, while specific innovations range from air-gap insulation technology to intelligent thermostats with presence detection. Passive design strategies and the use of recycled materials are becoming more prevalent, contributing to the creation of net-zero energy buildings. In addition, modular construction methods are being adopted to reduce construction waste and accelerate project timelines while maintaining energy efficiency.

SET100 Innovation Spectrum

Quality Energy Access & SDG-7

The Quality Energy Access & SDG-7 category accounts for 15% of SET100 start-ups, generating monthly revenue of €5.5M, with an expected 9.9x increase in two years. Employment in this sector is set to rise from 873 to 1,529 by 2026, with start-ups focusing on localized and community-based energy solutions, off-grid solar solutions, water purification technologies, and local waste-to-value projects to drive impact.

Start-ups in this category are pioneering off-grid solar power systems, pay-as-you-go financing models, and decentralized energy solutions to increase access in remote regions. These solutions leverage IoT-enabled platforms to provide real-time monitoring, improve efficiency, and enhance affordability for low-income households. The sector is also seeing innovations in solar-powered refrigeration, off-grid cooling systems, and modular battery packs that provide reliable power for rural healthcare, education, and agricultural applications.

SET100 2025 Globe

*All application countries for the SET100 List & SET Award 2025*
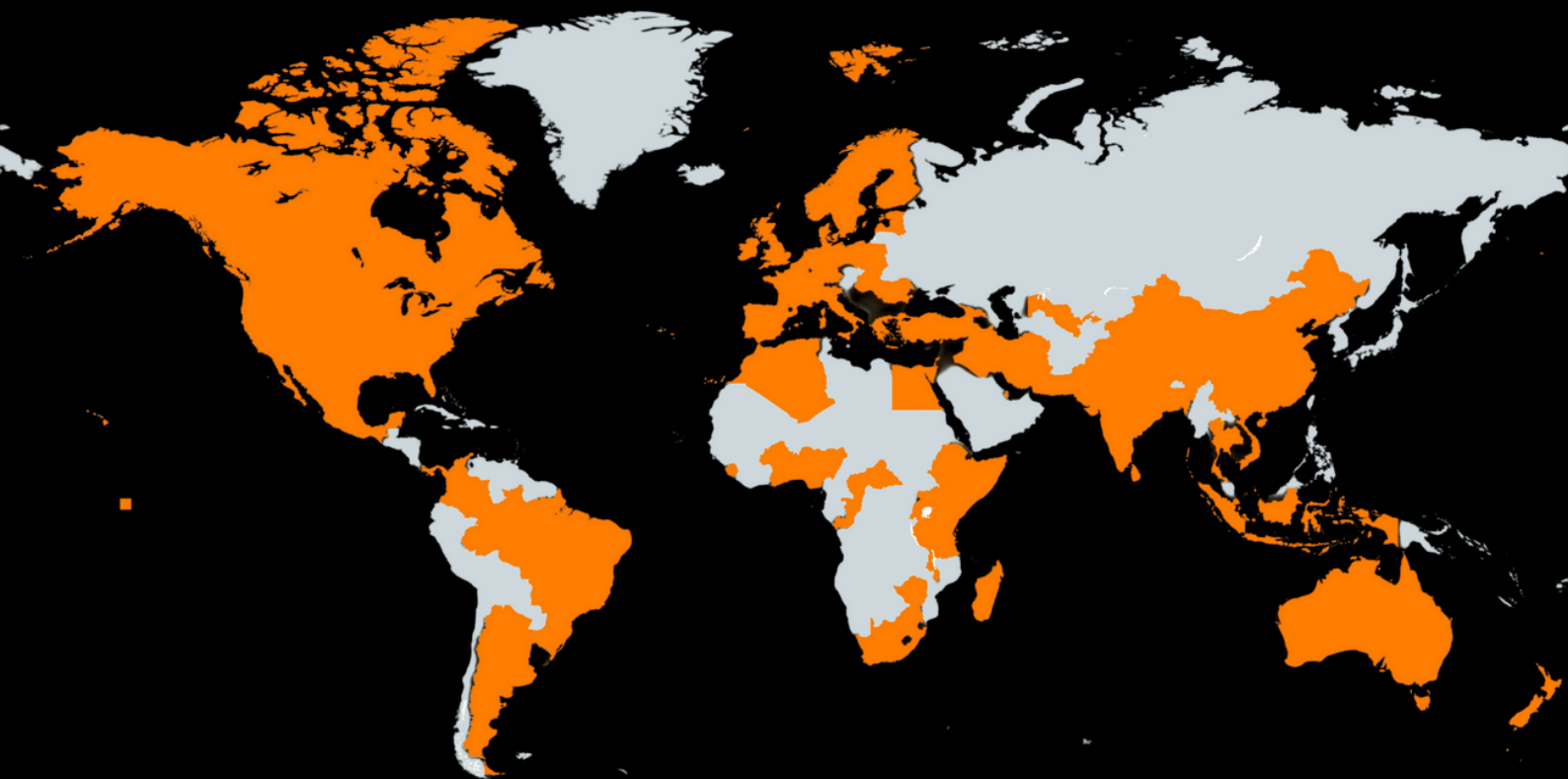
Created with mapchart.net

SET100 2025 Metrics

Region

Western Europe leads the SET100 2025 cohort with 49%, followed by a remarkably balanced distribution across North America (19%), Eastern Europe (12%) and Asia/South-East Asia (11%). We hope to see more future SET100 from Africa (7%) and South/Central America (2%).

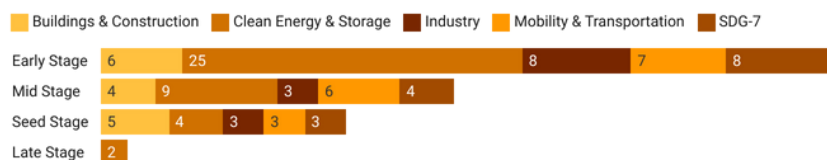| Region	
Western Europe	49%
Eastern Europe	12%
Africa	7%
North America	19%
Asia/South-East Asia	11%
South/Central America	2%
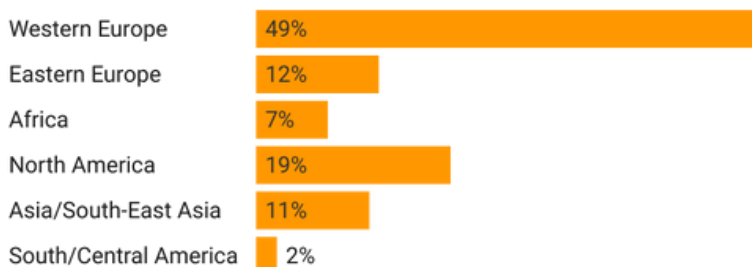
Category

Clean Energy & Storage (40%) is the leading category, dominating the sector focus. The remaining categories - Mobility & Transportation (16%), Buildings & Construction (15%), SDG7 (15%), and Industry (14%) - show a balanced distribution of focus across key areas.

Industry (14%)
SDG-7 (15%)
Buildings & Construction (15%)
Clean Energy & Storage (40%)
Mobility & Transportation (16%)
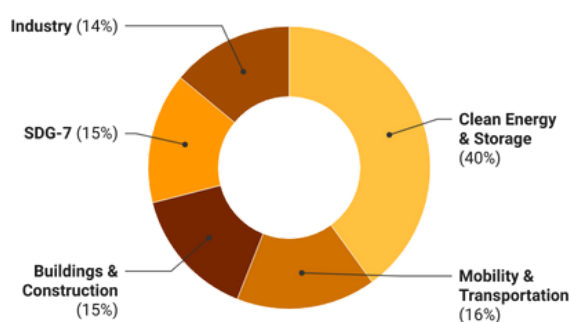
Stage of Development

The majority of start-ups (54%) are in the early stage, highlighting a strong focus on new and emerging ventures, with Clean Energy & Storage (25%) leading the way.

Legend: Buildings & Construction | Clean Energy & Storage | Industry | Mobility & Transportation | SDG-7

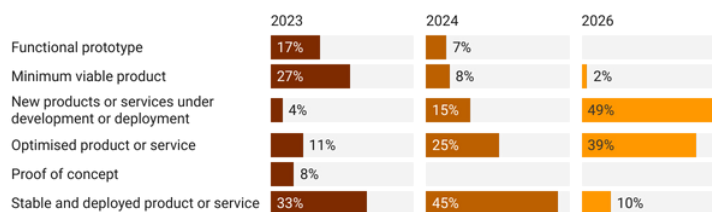| Stage	Values
Early Stage	6, 25, 8, 7, 8
Mid Stage	4, 9, 3, 6, 4
Seed Stage	5, 4, 3, 3, 3
Late Stage	2

Product Complexity

The prevalence of 'Very complex' solutions (59%) indicates that SET100 start-ups are addressing sophisticated technological challenges in the clean tech sector.

59% — Very complex
Not complex
Average complexity
Technical Complexity
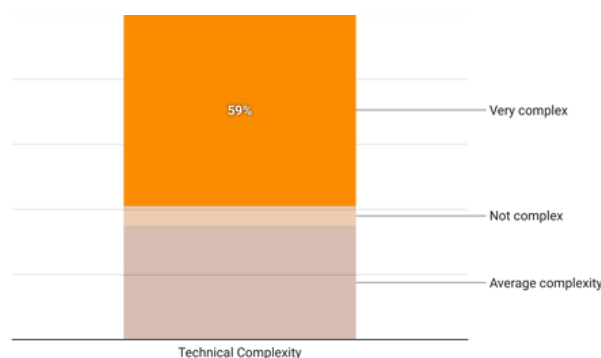
Technical Maturity of Core Product

While one-third of SET100 start-ups have already achieved stable product deployment in 2023, the focus shifts dramatically to expansion by 2026, with 49% planning new product launches.
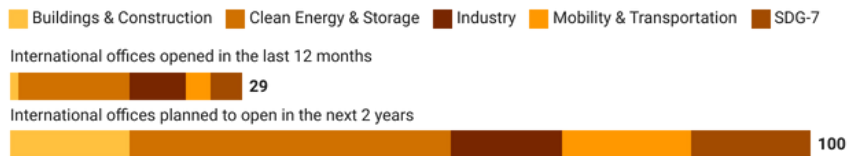
	2023	2024	2026
Functional prototype	17%	7%	
Minimum viable product	27%	8%	2%
New products or services under development or deployment	4%	15%	49%
Optimised product or service	11%	25%	39%
Proof of concept	8%		
Stable and deployed product or service	33%	45%	10%

SET100 2025 Metrics - Future Outlook

Global Expansion

SET100 start-ups are planning to more than triple their international presence from 29 to 100 offices over the next to years, with Clean Energy & Storage companies leading this ambitious global expansion.
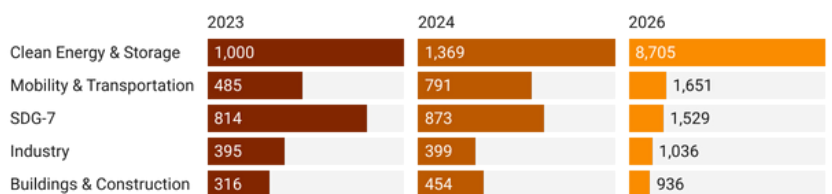
Tripling international presence by 2026.

Buildings & Construction ▪ Clean Energy & Storage ▪ Industry ▪ Mobility & Transportation ▪ SDG-7

International offices opened in the last 12 months — **29**

International offices planned to open in the next 2 years — **100**

Employee Growth

876 new jobs created in 2024, with 10,000+ planned by 2026.

Quadrupling the talent by 2026.

From 3K to 13.8K: Charting an ambitious growth trajectory through 2026.

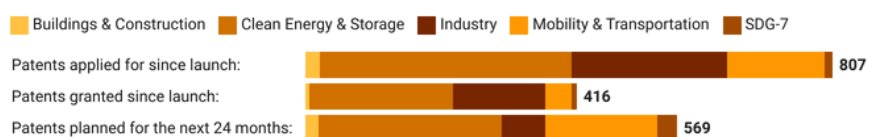|	2023	2024	2026
Clean Energy & Storage	1,000	1,369	8,705
Mobility & Transportation	485	791	1,651
SDG-7	814	873	1,529
Industry	395	399	1,036
Buildings & Construction	316	454	936

Monthly Revenue Growth

Industry leads planned revenue growth with a **22.3x** target, followed by SDG7 at **9.9x** and Clean Energy & Storage at **8.8x** expansion in two years. Mobility aims for **8.5x** growth, while Buildings & Construction targets **4.6x**, showing the varied growth ambitions across sectors.

— Monthly Revenue — Target in two years

Buildings & Construction 4.6x, Clean Energy & Storage 8.8x, Industry 22.3x, Mobility & Transportation 8.5x, SDG-7 9.9x
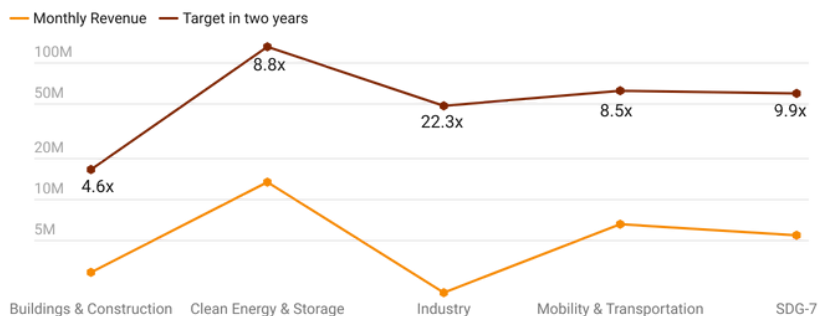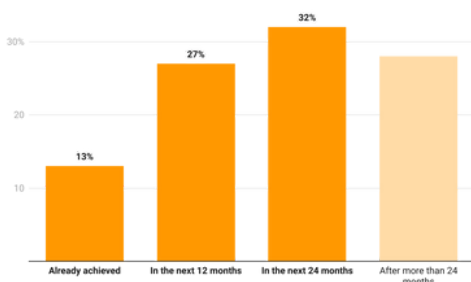
Patent Activity

With a 50% success rate in patent grants (416 granted out of 807 applications) and plans for 569 new applications, the SET100 patent portfolio is set to more than double in the next 24 months.
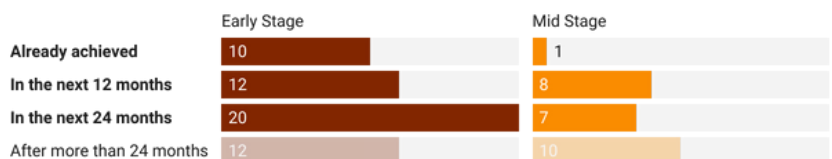
1 in 2 patent applications successfully granted

Buildings & Construction ▪ Clean Energy & Storage ▪ Industry ▪ Mobility & Transportation ▪ SDG-7

Patents applied for since launch: **807**

Patents granted since launch: **416**

Patents planned for the next 24 months: **569**

Breakeven Expectations

An optimistic overview

Already achieved 13%, In the next 12 months 27%, In the next 24 months 32%, After more than 24 months

Overall, 59% of companies are targeting breakeven within 24 months, with 13% of these having already achieved it.

37% of early stage targeting breakeven in 24 months - largest cohort. 31% of mid stage projecting breakeven in the next 12 months.

	Early Stage	Mid Stage
Already achieved	10	1
In the next 12 months	12	8
In the next 24 months	20	7
After more than 24 months	12	10

Clean Energy & Storage

The generation, storage and distribution of renewable energy is the backbone of the energy transition. In this category, we are looking for start-ups developing solutions to decarbonise our most energy-intensive sectors, as well as those accelerating the adoption of new solutions through capacity building.

enmacc — CONNECTING TRADERS | X1 WIND | autarkize CIRCULAR ENERGY | p | ENODA harmonising energy

e.most | dvlp.energy | GRIDWRAP | HyWatts | enline

em SMART ENERGY MANAGEMENT | beagle | ELECTRODER | cowa | ARKION

BioEsol YOU ARE POWERFUL | Chemitek | BOTREE | PIX FORCE | full&fast CHARGING THE FUTURE NOW

| ostermeier H₂YDROGEN SOLUTIONS | | oort energy |

Solfium POWER THE CHANGE | POWER to HYDROGEN | SKOON | | ostrom Energy. Just Better.

Over Easy Solar | | Power UP ENERGY TECHNOLOGIES | rabot.energy | REplace

SENTRISENSE Powering up a greener future | SEaB energy | SOLAR MATERIALS | SOUTH 8 | sungreen H₂

plentify | MACLEC | AlumaPower | werover | ALLYE

The 3 SET Award 2025 Finalists

Power to Hydrogen | USA | Early Stage
P2H2 simplifies hydrogen with hybrid liquid alkaline/AEM electrolysis, cutting stack costs by ~65% and eliminating expensive metals like iridium and platinum. Producing hydrogen at 250 bar, P2H2 reduces compression and transport costs while integrating with renewable energy. Partnering with NASA, Enel, and Shell, P2H2's technology addresses production and storage challenges, aiming to cut 2-3% of global CO_2 emissions.

Botree Recycling Technologies | China | Early Stage
Botree advances lithium battery recycling with scalable solutions for pre-treatment, hydrometallurgical recycling, and material regeneration. It also innovates in hydrogen fuel cell and solid-state battery recycling, shortens laterite nickel ore separation, and complies with global standards through a life cycle assessment system, supporting sustainable EV battery management.

The 3 SET Award 2025 Finalists

Cowa Thermal Solutions AG | Switzerland | Early Stage
Cowa Thermal Solutions develops compact thermal storage systems using patented Phase Change Materials (PCMs) that are five times smaller than water-based alternatives. Targeting the growing European heat pump market, Cowa's scalable technology enhances urban heat pump integration and renewable energy use. Successfully launched in Switzerland, Cowa aims to drive urban energy efficiency.

SET100 2025 List Category Start-ups

RABOT Charge GmbH | Germany | Mid Stage
Rabot Energy's dynamic tariff incentivizes off-peak energy use, easing grid strain and boosting efficiency. Its proprietary algorithm individually optimizes household energy consumption, delivering savings of up to 60% on energy bills. As EVs and heat pumps rise, Rabot Energy supports the transition to cleaner grids.

Solfium Inc. | Canada & Mexico | Mid Stage
Solfium simplifies solar adoption with a mobile app offering seamless quoting, financing, and coordination. Combining residential and industrial solar installations, Solfium helps reduce Scope 2 and 3 emissions. Their platform integrates local installers, manufacturers, and logistics for a full-service, low-carbon solution.

Enline | Portugal | Mid Stage
Enline's SaaS platform optimizes energy assets like power lines and renewables through digital twins, AI, and electromechanical models. Key tools include Dynamic Line Rating for increased capacity, Power Optimization to cut losses, and vegetation management to mitigate wildfire risks, ensuring efficient, stable energy grids.

SOLAR MATERIALS GmbH | Germany | Early Stage
Since 2021, SOLAR MATERIALS has developed patented solar panel recycling technology. Recovering silver, silicon, and high-quality glass, their process reduces energy use by 95% and CO_2 emissions by 80%. Scaling to recycle 10,000 tons annually by 2024, they are closing the raw material loop in the solar industry.

SET100 2025 List Category Start-ups

Aplus Energy GmbH | Germany | Mid Stage
Certified B Corp™ Ostrom offers energy-at-cost tariffs powered by 100% renewables. Their app provides real-time insights and AI-powered home energy management, optimizing device usage like EVs and heat pumps. A Virtual Power Plant supports grid stability, aligning with Germany's Smart Meter Initiative to modernize energy systems.

Plentify (Pty) Ltd. | South Africa | Early Stage
Plentify's HotBot and SolarBot retrofit devices optimize water heaters and solar systems with AI, shifting energy use off-peak. This reduces peak load by 80%, lowers costs by 24%, and integrates renewables effectively. Deployed in South Africa, the UK, and Norway, Plentify enhances grid stability and accelerates energy transition.

BioEsol | USA | Early Stage
BioEsol's Energy-as-a-Service solution offers uninterrupted green energy for SMBs facing unreliable power and rising costs. Their patented AI battery technology optimizes renewable use, reduces downtime, and cuts CO_2 emissions. Metrics include reduced energy costs, extended equipment life, and scalable environmental impact.

MACLEC | India | Early Stage
MACLEC's Surface Hydrokinetic Turbines harness running water from canals and rivers, providing zero-emission, decentralized energy. At $0.03/kWh and a 35-year lifespan, the turbines deliver cost-effective power. With 53 MW under execution and 1.5 GW in pipeline orders, MACLEC is advancing scalable, homegrown hydro solutions.

ostermeier H2ydrogen Solutions | Germany | Early Stage
OHS designs innovative hydrogen solutions for localized energy autonomy. Backed by €2.4M crowdfunding, OHS leverages regional networks and a skilled team to advance decentralized clean energy. They are building a future-focused hydrogen infrastructure, supporting a sustainable, resilient energy ecosystem globally.

Podero GmbH | Austria | Early Stage
Podero empowers utilities to manage heat pumps, EVs, and batteries with advanced algorithms for aggregation, forecasting, and trading. Their HEMS tools optimize energy usage based on spot-market prices and PV production. Podero helps utilities unlock revenue via energy trading while cutting costs for consumers and boosting sustainability.

SET100 2025 List Category Start-ups

South 8 Technologies | USA | Early Stage

South 8's LiGas® electrolyte enhances battery safety, performance, and temperature range from -60℃ to +60℃. Their technology powers applications like EVs, defense, and grid storage. With repeat orders from Li-ion manufacturers, South 8 is driving innovation across mobility, aerospace, and industrial sectors worldwide.

Electroder | China | Early Stage

Electroder accelerates battery development for lithium-ion, sodium-ion, and solid-state cells through AI-driven simulation tools. Operating globally, they empower R&D teams to design advanced batteries with improved efficiency, safety, and performance, meeting the growing demand for next-gen energy storage solutions.

GridWrap, Inc. | USA | Early Stage

GridWrap's patented Composite WiRe Wrap and BullWrap™ technologies double power transmission capacity and reinforce aging grids. These innovations provide safe, cost-effective solutions for extreme weather and renewable integration, ensuring resilient, sustainable power infrastructure in the face of rising climate challenges.

emost AG | Switzerland | Early Stage

Emost revolutionizes off-grid power with its mobile battery energy storage systems (BESS). Designed for construction, events, and film, their diesel-free systems reduce CO_2 emissions and operational costs by 60%. Emost's proprietary OS enables real-time optimization, providing clean, quiet energy that outperforms traditional generators.

Werover GmbH | Germany & Türkiye | Early Stage

Werover's AI-powered monitoring system detects early wind turbine blade damage via sound data analysis, eliminating the need for costly manual inspections. By preventing downtime and optimizing maintenance, Werover reduces energy loss and supports more sustainable, cost-effective wind energy production.

PIX FORCE TECNOLOGIA S.A. | Brazil | Mid Stage

Pix Force uses AI to transform images from drones and cameras into actionable insights. Their Pix Grid platform monitors energy assets like transmission lines and solar plants. Fully autonomous drones collect and process data, triggering alerts for anomalies, enhancing safety, and cutting costs for utility and renewable operators.

SET100 2025 List Category Start-ups

REplace | Israel | Seed Stage

REplace revolutionizes solar site selection with a one-click platform analyzing 40+ parameters, drastically reducing failure rates. Their software accelerates development timelines, improves ROI, and is trusted by top players like EDF Renewables. With $575k in funding, REplace is shaping efficient, low-risk solar project development.

SunGreenH2 | Singapore | Late Stage

SunGreenH2 is advancing green hydrogen production through its innovative electrolyzer technology. The company's nanostructured electrodes enhance electrolysis efficiency, doubling hydrogen production while cutting energy consumption by 20%. With PGM-free solutions, SunGreenH2 is making hydrogen production scalable and cost-effective for industries worldwide.

CLOSEBATTERY LOGISTICS SL | Spain | Seed Stage

full&fast integrates seamlessly into portable batteries and equipment, providing smart optimization through its platform and algorithms. This technology helps service companies save up to 85% on electricity costs. The company serves a range of industries, including electric vehicle fleets, energy distributors, event organizers, and construction companies.

Electric Miles | United Kingdom | Late Stage

Electric Miles delivers smart energy management solutions for sustainable transport. The company's platform enables cost-effective EV charging by aggregating energy consumption, peak shifting, and load management across the energy ecosystem. With award-winning technology, Electric Miles offers green and affordable charging solutions, contributing to cleaner transport electrification.

Over Easy Solar AS | Norway | Early Stage

Founded in 2021, Over Easy Solar focuses on innovative hardware for the solar industry. With over 30 installations across 11 European countries, the company has achieved significant revenue growth and secured strategic partnerships with key players like Hafslund and Aura. Their technology was recognized with the SolarPower Europe Startup Award in 2022.

SEAB Energy (SEAB Power Ltd.) | United Kingdom | Early Stage

SEaB Energy processes food waste through anaerobic digestion, converting it into biogas for green electricity production. The by-products include organic fertilizer, water, and heat. Headquartered in the UK, SEaB collaborates with partners in markets such as the EU, US, LATAM, and Australia to bring its technology to food producers, hospitals, universities, and more.

SET100 2025 List Category Start-ups

Allye Energy Limited | United Kingdom | Early Stage
Allye Energy develops smart local energy storage solutions to optimize grid efficiency. Their platform controls shared battery storage and automates demand-side response, improving flexibility, voltage control, and constraint management. With virtual energy storage, Allye reduces costs and creates a market for energy sharing, benefiting communities and lowering energy expenses.

X1 Wind | Spain | Mid Stage
X1 Wind is revolutionizing floating wind technology with its scalable, cost-effective solutions. Based in Barcelona, Spain, the company's unique TLP (Tension Leg Platform) was the world's first fully functional floating wind platform to export power. X1 Wind is now focusing on commercial-scale projects to drive the global transition to clean energy.

AlumaPower Corporation | Canada | Early Stage
AlumaPower, founded in 2017, commercializes proprietary aluminum-air technology. The company has raised $10M and completed third-party validation for its energy storage technology. AlumaPower's solutions are aimed at electric vehicles, marine propulsion, construction, and other sectors. Their technology is enhancing logistics and boosting last-mile delivery efficiency.

Enmacc GmbH | Germany | Mid Stage
Enmacc is transforming energy trading with its digital OTC platform, offering transparency and efficiency in the energy and environmental markets. The platform supports products like power, natural gas, emission allowances, and renewable certificates. With over 500 members and a monthly trading volume exceeding 40 TWh, Enmacc is the leading digital market for energy wholesale products in Europe.

Skoon Energy B.V. | Netherlands | Mid Stage
Skoon provides clean energy solutions through its smart marketplace, offering plug-and-play mobile energy infrastructure for mid- and low-voltage grids. Their systems are deployed during peak seasons to alleviate grid congestion and then reused elsewhere. Skoon partners with companies like Sunbelt Rentals and Alliander to facilitate efficient energy deployment across Europe.

HyWatts Inc. | USA | Seed Stage
HyWatts is innovating energy storage with its Power-Plant-in-a-Box™, integrating solar power generation with hydrogen storage. The system converts solar energy into hydrogen and back into electricity using a reversible fuel cell. Targeting a $500B market, HyWatts is advancing sustainable power solutions for EV stations, data centers, and more.

SET100 2025 List Category Start-ups

ENODA Ltd. | United Kingdom | Early Stage
ENODA is revolutionizing grid stability with technologies that enable flexible, resilient, and decarbonized energy systems. Their solutions allow grids to manage volatile power generation, supporting renewables, EVs, and heat pumps. ENODA reduces the need for peaking power stations and drives down balancing costs, accelerating the transition to a sustainable grid.

PowerUP Fuel Cells OÜ | Estonia | Early Stage
PowerUP Energy Technologies specializes in hydrogen fuel cell solutions for telecom, security, defense, and other sectors. Their lightweight, silent, low-maintenance PEM fuel cells are helping industries reduce CO2 emissions and meet net-zero goals. PowerUP's technology is a vital part of the global movement toward sustainable energy solutions.

Arkion Solutions AB | Sweden | Early Stage
Arkion is transforming grid management with AI-powered analysis and machine learning. The company uses cutting-edge technology to assess grid health by analyzing vast datasets, improving precision and efficiency in detecting defects. Arkion's approach offers a cost-effective alternative to traditional methods, enabling utilities to maintain reliable and sustainable power grids.

Beagle Systems GmbH | Germany | Early Stage
Beagle Systems uses drones to revolutionize infrastructure monitoring, offering safe, efficient, and regulatory-compliant solutions. Their UAVs provide accurate data for energy sectors, inspecting power lines, pipelines, and industrial sites. Beagle Systems enhances decision-making, operational safety, and environmental compliance through advanced aerial inspections.

Oort Energy | United Kingdom | Early Stage
Oort Energy is innovating green hydrogen production with highly efficient electrolysers. Their proprietary stack design reduces operational costs and energy consumption while maintaining industry-leading performance. With world-class efficiency and a focus on cost reduction, Oort Energy is a key player in the global transition to clean hydrogen energy.

Sentrisense Spain S.L. | Spain | Early Stage
Sentrisense optimizes grid efficiency by monitoring overhead power lines with AI-driven solutions. The company provides predictive maintenance, asset health monitoring, and dynamic line ratings, enhancing safety and operational performance. Sentrisense's scalable approach enables cost-effective grid management, paving the way for a sustainable energy future.

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ChemiTek - Quimica Avançada, S.A | Portugal | Mid Stage

ChemiTek develops eco-friendly solar panel maintenance solutions. Their flagship product, Solar Wash Protect, reduces water consumption, boosts solar panel efficiency, and lowers CO_2 emissions. Trusted by photovoltaic manufacturers worldwide, ChemiTek's innovative products are designed to optimize solar park performance and extend panel lifespan.

autarkize GmbH | Germany | Seed Stage

Autarkize removes CO_2 from the atmosphere by producing high-quality biochar from low-value biomass through patented pyrolysis technology. This process not only reduces carbon but generates sustainable energy. The company is addressing climate change with scalable solutions while fostering growth and development within its team.

dvlp.energy | Germany | Early Stage

dvlp.energy streamlines renewable energy development with a web platform that consolidates essential data for site assessment. By automating key steps, the platform accelerates planning and connects stakeholders like project developers, landowners, and grid operators. dvlp's innovative solutions improve site identification and project efficiency for the renewable energy sector.

Industry

Industry accounts for a staggering one-third of global greenhouse emissions and is one of the most challenging sectors for decarbonisation. Nevertheless, innovation here represents one of the biggest, most important, and most profitable ways for companies to decarbonise.

The 3 SET Award 2025 Finalists

Cyclize GmbH | Germany | Seed Stage
Cyclize turns plastic waste and CO2 into drop-in syngas, a mix of carbon monoxide and hydrogen, using a patented plasma reactor to replace natural gas. By recycling carbon from mixed plastic waste unsuitable for other methods, Cyclize reduces plastic pollution and greenhouse gas emissions. This innovative technology supports a circular economy, paving the way for a cleaner, more sustainable, and resource-efficient chemical industry.

Variolytics GmbH | Germany | Early Stage
Founded in Stuttgart in 2020 as a Fraunhofer Institute spin-off, Variolytics is a high-tech start-up revolutionising the wastewater industry. Focused on reducing greenhouse gas emissions, it provides hardware and software solutions that make the invisible measurable, enabling data-driven optimisation in treatment plants. With a team of 13, Variolytics combines cutting-edge technology and innovation to drive sustainability and impactful change.

ROSI | France | Mid Stage
ROSI transforms photovoltaic (PV) waste into high-value circular materials, including high-purity silicon, silver, copper, glass, and aluminium. Using advanced recycling technology, ROSI reduces reliance on virgin resources, supports decarbonisation in the solar industry, and reintegrates recycled materials into production. Through European partnerships, ROSI sets new standards for sustainability, PV waste management, and material recovery, driving a cleaner, resource-efficient future.

SET100 2025 List Category Start-ups

GlassPoint, Inc. | USA | Early Stage
GlassPoint decarbonises industrial heat with large-scale solar-thermal technology, using solar energy to produce steam that replaces natural gas in industries like aluminium and mineral processing. With $3 billion in projects under development and partnerships in California and the Middle East, GlassPoint leverages an asset-light model for rapid scaling. Its innovative technology generates revenue through project agreements and technology access fees, driving sustainability in industrial processes.

Gridcog International | United Kingdom | Early Stage
Gridcog provides software to model energy projects before investment, supporting behind-the-meter, utility-scale, and microgrid systems with solar, wind, batteries, and EV fleets. Its user-friendly platform enables clients like energy majors and developers to optimise decisions and accelerate the transition to low-carbon energy. Backed by global experts, Gridcog is the gold standard for smart energy project planning, driving progress toward a cleaner and more efficient future.

SeekOps Inc. | USA | Mid Stage
SeekOps specialises in advanced greenhouse gas detection and quantification with industry-leading accuracy. Deploying drone-mounted sensors, it delivers consistent, actionable data for regulatory compliance and emissions mitigation. Serving oil, gas, biogas, and landfill operators worldwide, SeekOps helps reduce emissions, optimise gas collection, and support a circular economy while advancing sustainability goals.

Litus | Canada | Early Stage
Litus transforms lithium extraction with nanomaterial-based technology, offering a sustainable, efficient, and eco-friendly alternative to traditional methods. By eliminating evaporation steps and reducing water and energy use, Litus enables cleaner lithium recovery, even from low-concentration brines. Partnering with oil, gas, and geothermal sectors, Litus is driving sustainable solutions for the renewable energy revolution.

etalytics GmbH | Germany | Early Stage
etalytics uses AI-powered energy intelligence to optimise industrial energy systems, reducing consumption, costs, and emissions. Its etaONE® platform offers real-time analysis and management for industries like data centres and automotive, bridging technology and sustainability. Founded by AI and energy experts, etalytics leads the way in smarter, eco-conscious energy management.

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encentive GmbH | Germany | Early Stage

encentive decarbonises industry with AI-driven energy management solutions, reducing CO_2 emissions and energy costs. Founded in 2020, its platform optimises renewable energy use in industrial systems. With a team of 22 experts, Encentive supports a sustainable future by maximising efficiency and addressing untapped potential in renewable energy.

Innovation Mining | Canada | Early Stage

Innovation Mining's reSolv replaces toxic cyanide with a non-toxic formula for gold, silver, and copper extraction, addressing environmental concerns. Effective across various ores, reSolv is reusable and cost-efficient, enhancing project viability. The company champions sustainable mining by reducing environmental footprints and unlocking the potential of complex deposits.

Syzygy Plasmonics Inc. | USA | Mid Stage

Syzygy decarbonises chemical production with light-powered reactors. Its Rigel™ cells replace combustion in producing hydrogen, syngas, and fuels, cutting costs and emissions. With proven field trials and a versatile platform, Syzygy offers scalable solutions for industries seeking low-carbon chemical pathways.

Carbon Re Ltd. | United Kingdom | Seed Stage

Carbon Re develops AI software to reduce carbon emissions in energy-intensive industries. Starting with cement, its tools optimise production processes, cutting CO_2 by up to 5% per plant annually. A spin-out of Cambridge University and UCL, Carbon Re aims to create the AI Operating System for Industrial Decarbonisation.

WeavAir Sp Zoo | Poland | Early Stage

WeavAir's digital twin solutions integrate AI, IoT, and satellite data to optimise buildings for energy efficiency and climate resilience. Its platform reduces energy costs by up to 25% and emissions by 30%, aligning with ESG goals. Recognised globally, WeavAir transforms buildings into low-carbon ecosystems.

3pmetrics Sustainability and Technology INC. | Türkiye | Seed Stage

3pmetrics provides cloud-based Sustainability as a Service, helping businesses measure and manage carbon and water footprints as well as ESG performance. With tools for sustainability assessments and expert support, 3pmetrics enables companies to drive sustainable growth and meet environmental goals.

Our built environments consume lots of energy, whether through their construction, the materials used, or the significant chunk that is wasted in keeping them warm or cold. This category rewards those creating the comfortable, cost-effective, energyefficient buildings of the future.

VARM THERMOSPHR **urbio** **syte** **vilisto**

perse **R8 tech** **AIRTEAM** **Nido** **FREESUNS SOLAR ROOFS**

FRACTAL ENERGY **aedifion** **PIONIERKRAFT** **Concular** **PROPTECHCORE**

The 3 SET Award 2025 Finalists

Concular GmbH | Germany | Mid Stage
Concular is revolutionizing the construction industry by enabling the reuse and recycling of building materials at scale. Through its innovative software, Concular performs pre-demolition audits to identify reusable materials, increasing reuse rates from 1% to up to 80%. With over 450 buildings assessed and the creation of DIN SPEC 91484, a key industry standard in Germany, Concular is leading the shift toward a circular economy in construction, transforming waste into valuable resources while driving sustainability and cost savings.

PIONIERKRAFT GmbH | Germany | Early Stage
PIONIERKRAFT is empowering small and medium-sized apartment buildings to adopt solar energy solutions through its patented technology. Since its 2019 launch, the company has sold over 1,000 units, enabling 200 solar projects that were previously unfeasible. Focused on cost reduction, the upcoming third-generation product will halve production and customer costs. By leveraging a B2B sales strategy through solar installers and housing providers, PIONIERKRAFT is helping decarbonize Germany's housing sector, which accounts for 40% of its total housing stock.

Urbio SA | Switzerland | Seed Stage
Urbio accelerates the decarbonization of global buildings through its patent-pending generative design software. The platform automates clean energy system designs for individual buildings and entire cities, reducing design times tenfold. By streamlining scattered data sources into cohesive workflows, Urbio enables energy providers and consultants to create efficient and customized solutions. Backed by a $2M pre-seed round and a 2024 seed round, Urbio is expanding its reach across Europe, driving global energy transitions.

vilisto GmbH | Germany | Mid Stage

vilisto reduces energy use in non-residential buildings with intelligent thermostats using patented sensors and AI to adjust heating automatically. This system cuts CO_2 emissions, saves energy, and offers real-time data for building managers. With 300+ clients, vilisto enables effortless energy savings without compromising comfort.

R8 Technologies OÜ | Estonia | Mid Stage

R8 Technologies' AI platform, R8 Digital Operator, optimizes energy use in commercial buildings, cutting CO_2 emissions by up to 50%. Managing over 4M m², it enhances energy efficiency, profitability, and comfort. Backed by extensive research, R8 sets new standards for sustainable real estate management across Europe.

syte GmbH | Germany | Seed Stage

syte's AI platform delivers real-time insights on property potential, energy efficiency, and carbon impact. By optimizing portfolios and reducing costs, syte supports data-driven decisions for ESG compliance. Its B2B SaaS tools empower real estate investors to maximize value and lead sustainable transformation.

aedifion GmbH | Germany | Mid Stage

aedifion's AI-driven platform optimizes building operations by identifying inefficiencies in HVAC systems. With real-time data and actionable recommendations, it improves energy efficiency, reduces emissions, and cuts costs. Features like Demand Side Management support sustainability and ESG compliance for real estate portfolios.

VARM | Germany| Seed Stage

VARM bridges Europe's insulation skills gap with its "Cloud Installers" solution, empowering workers to scale businesses and boost energy efficiency. By tackling inefficient building stock, VARM reduces CO_2 emissions and heating energy use, driving large-scale sustainable renovations.

Thermosphr EO Solutions GmbH | Germany | Early Stage

Thermosphr optimizes HVAC systems in commercial buildings using predictive control tech, reducing energy use by 30% without new hardware. Its TÜV-certified SaaS solution extends equipment lifespan, ensures comfort, and supports decarbonization while minimizing costs and boosting sustainability.

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FRACTAL ENERGY | France | Early Stage
Fractal Energy's Flexbox stores off-peak electricity, reducing energy costs and carbon footprints. This plug-and-play, capex-free solution integrates seamlessly with existing setups, empowering households to manage energy with real-time insights via the Flex App for maximum efficiency.

Freesuns SA | Switzerland | Early Stage
Freesuns solar tiles combine aesthetics, durability, and performance, offering traditional-style roofs with full photovoltaic coverage. Digital tools ensure perfect pre-installation design, delivering energy-efficient, custom solar roofs. With 120+ installations, Freesuns drives clean energy adoption.

Build Tech Energy SL | Spain | Seed Stage
Nido accelerates heat pump adoption with a plug-and-play solution for businesses, simplifying sales and installation. Its automated tools enhance installer efficiency, ensure quality via image-based checks, and support scaling capacity. Nido drives sustainable heating with reliable, streamlined processes.

Airteam Aerial Intelligence GmbH | Germany | Early Stage
Airteam uses AI to convert drone data into precise 3D building models for solar planners and contractors, saving 90% of measurement time. With cloud access, DIN-certified reports, and high accuracy, Airteam simplifies solar planning, driving efficiency in construction projects.

Perse Technology Ltd | United Kingdom | Early Stage
Perse provides real-time energy, cost, and carbon profiles for all building types with just an address. Combining open-banking-style data access with automated savings recommendations, Perse enables carbon reduction and cost efficiency at scale across the built environment.

ProptechCore AB | Sweden | Seed Stage
decarbAI integrates energy, climate, and occupancy data to make buildings adaptive and predictive. By partnering with utilities and telcos, its platform optimizes energy use in real time, reducing emissions, improving grid efficiency, and driving sustainable energy transitions globally.

Mobility & Transportation

So long as we have space, we will need to move about in it. Transportation and mobility continues to be one of the most essential but energy-intensive sectors we monitor. This category rewards creative solutions and lateral thinking in a sector that can span the large and the physical to the virtual and the digital.

The 3 SET Award 2025 Finalists

Nyobolt Ltd. | United Kingdom | Early Stage
Nyobolt is transforming mobility with its ultra-fast charging battery technology. By developing advanced materials, it enables compact designs, exceptional cycle life, and reduced environmental impact. Ideal for EVs, hybrids, and fuel cells, Nyobolt's batteries downsize reliance on critical materials for sustainable performance. From personal cars to fleets, Nyobolt drives cleaner, high-performance electrification.

Basquevolt S.A. | Spain | Early Stage
Basquevolt develops polymer-based solid-state batteries to enable mass-market electrification. Safer and easier to produce than liquid electrolytes, their technology addresses energy density and cost challenges. With lightweight, affordable designs, Basquevolt advances sustainable solutions for applications struggling to electrify, driving a breakthrough in battery innovation for wider adoption.

Kazam EV Tech Pvt. Ltd. | India | Early Stage
Kazam unifies energy across vehicles, grids, and charge points with smart hardware and software. Its EV chargers enable real-time monitoring, grid optimization, and renewable integration, while fleet management software improves efficiency, cutting CO_2 emissions. With 15,000+ chargers and partnerships like Mahindra, Kazam is advancing India's electric mobility transition for a sustainable future.

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Bound4Blue | Spain | Mid Stage
Bound4blue develops automated wind-assisted propulsion systems to reduce fuel costs and emissions in shipping. Their eSAIL® technology is autonomous, low-maintenance, and easy to install, making it a top solution for maritime wind propulsion. With installations on three ships and partnerships with leaders like Louis Dreyfus Armateurs, they aim to scale production and enhance their tech to meet maritime emissions regulations.

Blitz Electric Mobility | Indonesia & Singapore | Mid Stage
Blitz revolutionizes Indonesia's last-mile logistics with AI and EVs, offering fast, sustainable deliveries. Operating in 28 cities with 4,000+ couriers, they serve enterprise clients like Grab and Lazada. Blitz optimizes routes, empowers drivers with EV financing, and reduces emissions, creating a scalable, eco-friendly delivery ecosystem in Southeast Asia.

REGENT Craft Inc. | USA | Mid Stage
REGENT is redefining coastal mobility with seagliders—electric wing-in-ground effect vehicles that float, hydrofoil, and fly over water. Serving routes up to 500 miles with dock-based infrastructure, seagliders reduce time and costs for coastal transport. REGENT aims for commercial service entry by 2026, advancing sustainable, high-speed travel.

BaTTERi | Israel | Early Stage
BaTTeRi introduces "Thomas," a mobile DC rapid charger delivering 45-60 kW for EVs at any parking spot. Thomas eliminates the need for costly infrastructure, offering a flexible, zero-installation charging solution. BaTTeRi's innovative tech makes EV adoption more accessible and scalable, driving sustainable mobility.

Fin Mile Logistics Limited | United Kingdom | Seed Stage
Fin transforms last-mile delivery with AI and e-cargo bikes, optimizing routes to cut emissions and costs. Their scalable platform integrates with existing systems, enabling fast, reliable, and eco-friendly deliveries. Committed to sustainability, Fin empowers businesses of all sizes to compete with seamless, Amazon-like delivery experiences.

SET100 2025 List Category Start-ups
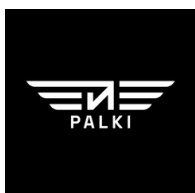
Palki Motors Limited | Bangladesh | Seed Stage

Palki Motors, Bangladesh's first EV manufacturer, produces affordable, eco-friendly cars for ridesharing and delivery. Covering 1.4M km, their vehicles cut CO_2 by 250+ tons, offering 90% better fuel efficiency. With robust design and battery-swapping tech, Palki drives cost savings and sustainable mobility in local markets.

IO-Dynamics GmbH | Germany | Mid Stage

IO-Dynamics provides software for logistics and transport firms to integrate electric mobility, reduce CO_2, and manage costs. Their platform optimizes charging processes and integrates seamlessly with existing systems, supporting the energy transition with scalable solutions for zero-emission transport.

Charger Marketplace SRL | Charger.ro | Romania | Mid Stage

Charger[.ro] offers turnkey EV charging solutions in Romania, including consultation, design, installation, and connectivity. Their Flux platform partners with property owners to expand charging access using existing infrastructure, reducing costs and simplifying implementation. With investor support, Charger[.ro] advances smart, sustainable mobility.

HyLight | France | Seed Stage

HyLight specializes in hydrogen-powered airships for energy infrastructure inspection. Their zero-emission airships, HyLighters, offer precise data collection, covering 350 km per flight. Clients pay per kilometer inspected, making HyLight a cost-effective, sustainable alternative to traditional methods like helicopters.

DeepDrive GmbH | Germany | Mid Stage

DeepDrive's Dual Rotor EV motor technology boosts range by 20% while reducing costs, paving the way for cheaper, sustainable electric vehicles. Compact and efficient, their motors suit various applications and are ready for large-scale production by 2026, backed by top automakers and investors.

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wego | Italy | Early Stage
Volvero's drive-sharing app connects vehicle owners with drivers, enabling efficient and sustainable access to cars, motorcycles, and commercial vehicles. Powered by AI and smart contracts, the platform ensures transparency, security, and insurance, creating a hassle-free sharing ecosystem that reduces waste and costs.

seamless energy technologies | Germany | Early Stage
Seamless Energy Technologies develops advanced infrastructure for electric road systems, enabling vehicles to charge while in motion. Their inductive charging technology supports sustainable transportation by reducing emissions and optimizing energy use, partnering with governments and industry leaders to scale adoption globally.

IM Efficiency | Netherlands | Early Stage
IM Efficiency turns trucks into mobile solar parks with SolarOnTop, a plug-and-play system that reduces fuel use immediately. Their tech, now sold internationally, transforms transport sustainability, with potential savings equal to removing Oman's oil production from the market. Solar on trucks is here to stay.

Quality Energy Access & SDG-7

In this category, we reward start-ups who are looking to the future and working with and empowering the communities that are most impacted by climate change. We are looking for innovations that will make energy services for all a reality.

The 3 SET Award 2025 Finalists

Koolboks | France | Mid Stage
Koolboks, based in Paris and focused on Africa, revolutionizes refrigeration with solar-powered, off-grid refrigerators featuring ice battery technology for 24/7 cooling. Affordable and accessible through a Pay-As-You-Go lease-to-own model, Koolboks also integrates USB charging to support SMEs by addressing cooling, lighting, and charging needs, fostering sustainable energy access.

RumiTech Energy | Türkiye | Seed Stage
RumiTech converts wind and solar into sustainable energy with its hybrid 5kW system, storing power in 2.4kW batteries for off-grid IoT-enabled solutions. Easily installable on poles in 2 hours without excavation, each unit reduces 10 tons of CO2 annually. Founded in 2023, RumiTech has raised $662,500, won awards, and delivers green energy IoT platforms for a sustainable future.

Instollar Technologies | Nigeria | Early Stage
Instollar bridges Africa's energy gap and employment challenges with a platform matching green talent to energy projects. By training local workers and facilitating over 1,500 solar projects, Instollar empowers communities with clean power, creating 500+ jobs and onboarding 900 installers. Instollar drives sustainable, inclusive energy solutions and economic growth across the continent.

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SokoFresh Agri Innovations East Africa Limited | Kenya | Seed Stage
SokoFresh reduces post-harvest losses in Kenya with solar-powered cold storage. Its farmgate full-service model and rental units support crops like avocados and dairy. With 29 hubs and IoT monitoring, it boosts farmer incomes by 30%, cuts CO_2 by 3.6 metric tons/unit, and creates 2,000 jobs, promoting food security and sustainability.

Solarcool Smart Hub | Nigeria | Early Stage
Solarcool delivers solar-powered cooling to off-grid Nigerian households and businesses. Inspired by vaccine cold-chain gaps, the company offers MANCAP-certified systems for perishable goods and healthcare. Solarcool enhances energy access, reduces food loss, and supports underserved communities using clean, renewable energy.

Ener-G-Africa Holdings Ltd | United Kingdom | Early Stage
Ener-G-Africa makes affordable, durable solar panels, biomass fuels, and stoves tailored for Sub-Saharan Africa. Their solutions improve energy access, tackle climate change, and protect natural resources. EGA drives sustainable development by empowering rural households and supporting Africa's clean energy transition.

Greatlakes Feeds Ltd. | Kenya | Early Stage
Greatlakes Feeds boosts fish farming in Kenya's Lake Victoria region with affordable local feed and solar-powered cage systems. Empowering women, it combats food insecurity, unemployment, and pollution. The company also installs solar systems for ponds, irrigation, and homes, revitalizing aquaculture and enhancing livelihoods.

ETS MVUTU GreenBox ™ | Congo | Mid Stage
Mvutu's solar-powered "GreenBox™" cold rooms extend produce shelf life from 2 to 21 days for small farmers and retailers. Equipped with IoT tools for market insights, GreenBox™ reduces waste, enhances incomes, and supports sustainable agriculture through affordable, decentralized cooling.

Nyquest Innovation Labs Private Limited | India | Early Stage
Energy24by7's iCON converts UPS/inverter systems to solar power at low cost. Using predictive tech, it optimizes solar usage and energy backup, enabling clean, affordable power for homes and businesses while reducing grid dependency.

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SANK GREEN ENERGY & COMPANY | Burkina Faso | Mid Stage
SANK GREEN ENERGY provides solar air conditioners, photovoltaic systems, and mini-grids in Sub-Saharan Africa. With Pay-As-You-Go options and expert support, SANK promotes clean, affordable energy solutions for residential, commercial, and agricultural needs.

ACOB LIGHTING TECHNOLOGY LIMITED | Nigeria | Mid Stage
ACOB Lighting delivers clean energy and electrification to Nigeria's underserved communities. With over 4,000 connections, they provide mini-grids, solar systems, and energy-efficient streetlights, empowering homes and businesses while promoting sustainability.

Acecore Ltd. | USA | Seed Stage
Acecore's PowerCell is an all-in-one solar energy storage system with lithium-ion tech and app-based controls. Scalable and reliable, it ensures 24/7 power for homes and businesses, reducing fossil fuel use and fostering Africa's clean energy future.

Ojanna Foods and Produce | Tanzania | Early Stage
Ojanna Foods' Eco-Beans, a solar-dehydrated bean product, cuts cooking time from 3 hours to 30 minutes. This reduces deforestation, indoor pollution, and reliance on firewood, promoting energy efficiency, food security, and sustainable practices in Sub-Saharan Africa.

Owanga Solar Corporation | USA | Early Stage
Owanga uses recycled batteries to create affordable, modular power packs for underserved communities. Available for rent or purchase, these systems reduce e-waste, promote energy access, and empower Congo's economic and environmental sustainability.

Tierra Grata Social Enterprise BIC SAS | Colombia | Early Stage
Casa Grata installs renewable energy systems in remote areas via PayGo and community-led distribution. Guardians of Light ensure maintenance, while remote monitoring enhances reliability. Casa Grata empowers underserved regions with affordable solar energy.

Legal information

Federal Ministry
for Economic Affairs
and Climate Action

This publication is issued on behalf of the Federal Ministry for Economic Affairs and Climate Action. The German Energy Agency (dena) assists the Federal Government in various projects to implement the energy and climate targets in the context of the energy transition.

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