

An aerial night view of a city skyline, likely Manila, Philippines, featuring numerous high-rise buildings with illuminated windows. The image is framed by large, vibrant orange geometric shapes that create a dynamic, modern aesthetic. The sky is a deep twilight blue with a few clouds.

NEW ENERGY NEXUS

Philippines

**IMPACT REPORT
2022**

ABOUT NEW ENERGY NEXUS

New Energy Nexus is the world's leading clean energy ecosystem builder. We provide funding, accelerators, and training to help diverse entrepreneurs build a 100% clean energy future, from emerging tech through to clean energy adoption and distribution.

Our Vision

An abundant world with 100% clean energy for 100% of the population, in the shortest time possible.

Our Mission

To support diverse entrepreneurs to drive innovation and build equity into the global clean energy economy.

Our Goal

To reach 100,000 entrepreneurs by 2030.

Our Impact



Tackling climate change



Building an equitable clean energy economy



Increasing energy access



Creating green jobs



Connecting innovation ecosystems

2022 IMPACT IN NUMBERS

PHILIPPINES

Entrepreneur Data



915

Entrepreneurs supported



332

Women entrepreneurs

Startup Data



24

Portfolio startups

(Number of startups supported through incubator, accelerator, scale or funding programs)

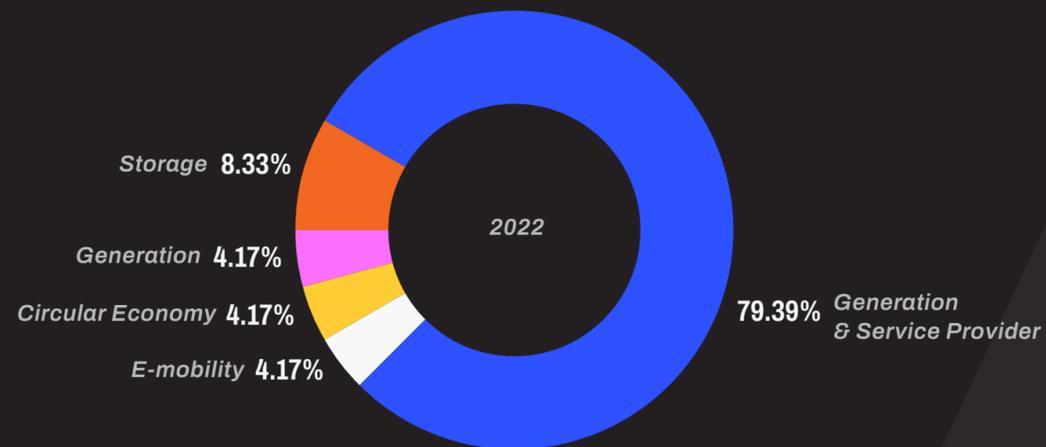


137

Green jobs created

2020-2022

Startups by sector



Ecosystem Data



77

Strategic partners

engaged through participation, joint programming, sponsorships, or other forms of collaborations.

Education Data



78.4%

Online courses completed

Q&A WITH BRENDA VALERIO

Program Manager at
New Energy Nexus Philippines



What are your major achievements of 2022?

In 2022 the team was able to engage 77 companies, organizations, and institutions as partners; gathered over 5,000 individuals in various events and workshops; and supported over 900 entrepreneurs. We were able to scale our programs and initiatives and establish the role of New Energy Nexus Philippines in the climate innovation ecosystem.

What unique role does New Energy Nexus play in your market, sector or country?

As a climate vulnerable country, the Philippines faces complex energy challenges which must be solved with innovative ways of thinking, innovative solutions, and innovative people. Innovation thrives when there is diversity in opinions, ideas, and approaches - and this is why the role of New Energy Nexus is critical. We provide a platform where people from all parts of the country, from all backgrounds and experiences, are given the opportunity to create and scale solutions that promote the adoption of clean energy.

What are you excited about for 2023?

In 2023, we aim to continue strengthening the energy innovation ecosystem in the Philippines. Through our various programs, we intend to increase the number of entrepreneurs and innovators and to reach more provinces and regions in the Philippines. With the ease in travel restrictions, we are looking forward to having more in-person events and convening in order to foster better connections and engagement with our stakeholders and entrepreneurs.



WHAT WE DO

The Philippines government is making progress with ambitions to increase the share of renewable energy sources such as solar, wind and tidal in the energy mix to 35% by 2030 and to 50% by 2040, up from a little more than 20% in 2021. What is needed is a clean energy ecosystem to supercharge these efforts.

We run events and programs to scale clean energy innovation and adoption across the Philippines.

Energy Startup Acceleration Program

A series of online and offline courses where learners go through the basics of the energy sector and learn about the different challenges and opportunities for innovation, discover unique and interesting business models of energy startups locally and globally, and conceptualize an energy business using different innovative tools and frameworks. The courses are open to all students, employees, startups, and enthusiasts of clean energy and entrepreneurship.

Solar Innovation Program

A comprehensive two-month program designed to help solar contractors, installers and companies scale their businesses. The program incorporates peer learning, workshops and learning activities with experts from the solar industry and customized mentorship to guide the participants as they identify opportunities to innovate and improve their existing solar businesses. The program aims to improve the capacity and growth of the distributed solar PV sector in the country and to meet the growing demand for clean energy.

Energy Entrepreneurship Courses and Workshops

A five-week online course where learners go through the basics of the energy sector and learn about the different challenges and opportunities for innovation, discover unique and interesting business models of energy startups locally and globally, and conceptualize an energy business using different innovative tools and frameworks. This crash course is open to all students,

employees, startups, and enthusiasts of clean energy and entrepreneurship.

Energy Entrepreneurship Training for Universities

A capacity building program that aims to equip faculty from engineering and other related programs with resources, knowledge and skills to teach sustainable energy innovation, and build the pipeline of energy innovators and entrepreneurs.

Connex Energy Meetup

This is a quarterly learning and networking event featuring different energy topics and experts. The objective is to foster collaboration between innovators, startups, corporates and organizations working in the energy space and spark discussions on the challenges and opportunities in clean energy.

Ready, Spark, Charge: Hacking the Future of Energy

An annual clean energy competition that aims to spark interest in clean energy entrepreneurship and accelerate energy innovations that have potential to address the clean energy gaps in the country.

Pilot and Scale Support Program

This program supports companies with market expansion and network building, in-depth marketing and competitor analysis, strategic market expansion analysis and support building connections to relevant partners, customers and investors.

SOLUTION SPOTLIGHT

mHycro

Increasing clean energy access with hydro energy storage

The Philippines' remote and isolated areas are difficult to supply with grid electricity, which has resulted in more than 1 million Filipino households still without access to electricity. Most of these unelectrified communities are remote and mountainous, and depend on diesel electrification, which poses many problems. Renewable energy with battery storage is a better solution; however, there are still cost and flexibility issues.

mHycro proposes a different solution for these unelectrified mountainous areas: micro pumped-hydro energy storage. Solar energy is utilized as the energy source. During excess generation, energy is stored by pumping water from a lower to a higher reservoir. While during no generation (in the evening), the potential energy of the water from the higher reservoir is utilized.

“The program structure was helpful for a team like us with other duties... Their global network was also a big help for us to validate our assumptions, as well as the other support and resources in the program - access to financial opportunities, connections, technical resources and the LMS for the aggregated relevant materials.”

**— Leo Villalba,
co-founder of mHycro**

Support from New Energy Nexus

mHycro was part of our Acceleration Program Cohort 3, which included coaching and mentoring, and access to the New Energy Nexus Philippines' network.

We connected mHycro with electric distribution companies in remote areas. mHycro interviewed seven of these companies for customer and hypothesis validation, and we also connected to them to Department of Science and Technology - Technology Application and Promotion Institute (DOST-TAPI), where mHycro was able to access a prototyping fund of about US\$3,200.

SOLUTION SPOTLIGHT



“They [New Energy Nexus] are really with you in every step of the process. They are also well-connected which helped us a lot especially when I needed two specific mentors. That introduction was very crucial for my startup.”

—*Krishia Ellis,*
CEO of Salin PH

Salin PH

Reducing single-use packaging waste

Salin PH aims to reduce packaging waste generated by households and communities by offering products from their go-to brands in reusable containers. By offering products in reusable containers, Salin PH helps households and communities avoid using single-use plastics, and mitigate GHG emissions from the production, transportation, and disposal of plastics.



Support from New Energy Nexus

Salin PH was part of our Acceleration Program Cohort 3, which included coaching and mentoring, and access to the New Energy Nexus Philippines' network.

Salin PH was provided with market research, such as an overview of circular business models and an analysis and examples of reuse business models, which were particularly useful in Salin PH's grant applications, acceleration programs, and competitions outside of New Energy Nexus.

WHO WE ARE



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Circular Cities Asia
Climate Change Commission
Clime Capital
Department of Energy
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Philippine Solar and Storage Energy Alliance
Pi Energy
QBO Philippines
REBOOT Philippines
Robinsons Land TAYO
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