



Australian Government
Department of Foreign Affairs and Trade

CSIRO

Australia's National
Science Agency

Indo-Pacific **Plastics** Innovation Network

Demo Day 2024

Together we are working to **end**
plastic waste in the Indo-Pacific



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The Indo-Pacific **Plastics Innovation Network (IPPIN)**

We're ending plastic waste in the Indo-Pacific by pioneering a new era of sustainable innovation

The Indo-Pacific Plastics Innovation Network (IPPIN) is designed to nurture ideas and empower ventures by bridging the gap between research, entrepreneurship, and investment to redefine the plastic lifecycle and create a circular economy.

Recognising that plastic waste knows no borders, we operate across Indonesia, Thailand, Vietnam, Laos and Cambodia.

IPPIN is supported by the Australian Government under the Mekong Australia partnership and implemented by CSIRO. CSIRO is Australia's national science agency which is using science, innovation and technology to solve our biggest challenges.

Together, along with our in-country partners we are using the power of science, innovation, and technology to accelerate sustainable breakthroughs in plastics innovation.

To date IPPIN has engaged over 3000 people in program activities and supported 130 global entrepreneurial teams to scale-up sustainable and innovative technologies.

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Defining the plastic waste problem

Working collaboratively across all cross-sections of society, we've worked to identify key challenge areas where IPPIN's innovation programs can deliver the greatest impact.

These challenge areas are:

1. Sustainable alternatives which outperform existing plastics
2. Improving plastics innovation and capturing value beyond first use, to develop lasting circular solutions
3. Empower decision-making through reliable and accessible information
4. Innovative solutions for low-value plastic waste in Vietnam

The solution – using science, innovation and technology to turn plastic problems into circular, scalable solutions.

Fast facts



Plastic pollution in our oceans accounts for an estimated 80 per cent of marine litter.



Every minute a truckload of plastic waste enters the ocean, totalling approximately 12 million tons annually. This alarming rate equates to one garbage truck worth of plastic every minute.



Only 9% of all plastic waste ever produced has been recycled. The rest ends up in landfills, incinerated or polluting the environment.



Soft plastics, such as plastic bags, are the biggest plastic killer to marine life.

IPPIN's Innovation Programs

IPPIN Incubator

The IPPIN Incubator program is a free five-week online introductory program for researchers, start-ups and SMEs looking to redefine the plastic waste lifecycle.

It is designed to help teams understand the potential of their project or idea with customer discovery and market validation of plastic waste solutions, with support from mentors and advisors to improve communication skills, challenge assumptions and take research projects to the next level.

The program offers the opportunity to connect with entrepreneurs across the Indo-Pacific region, fostering cross-cultural networking and collaborations.

IPPIN Accelerator+

This three-month immersive journey supports validated start-ups and entrepreneurs with early-stage business propositions to tackle plastic waste in Southeast Asia.

Teams enrolled in this program will be guided by dedicated coaches providing measurable growth support, along with the flexibility to access workshops, mentorship and technical assistance based on their preferences and needs.



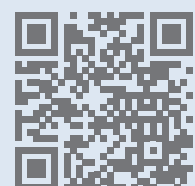
Join us as a mentor

Our program connects aspiring entrepreneurs with experienced industry professionals, and innovators from diverse backgrounds.

By mentoring with us, you'll make a lasting positive impact and sharpen your management, coaching, networking,

and leadership skills while interacting with a team of passionate entrepreneurs.

Mentoring is a powerful form of professional development that empowers emerging innovators and provides a platform for cross-fertilisation of ideas.





Meet the 2024 innovating teams

Please see the IPPIN website to find out more about our Accelerator+ teams

CLEAR RIVERS



CLEAR RIVERS is a not-for-profit organisation tackling the plastic pollution crisis by catching river plastics before they reach the open waters, organising cleanups, and educational workshops, and recycling the retrieved litter into new durable products. Our mission is to prevent plastic from entering the oceans.

We use our Litter Traps as one of the ways to reach our mission. Litter Trap is a passive system to retrieve litter from waterways based on the water and wind flow. Furthermore, the Litter Trap itself is made from plastic waste collected from rivers.

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Team name **CLEAR RIVERS**
Country **Vietnam**
Cohort year **2024**
Program **IPPIN Accelerator+**



The GenG



The GenG is a forward-thinking startup dedicated to driving sustainability through innovative technology. We are the creators of the Green Choice app, a platform that incentivises eco-friendly behaviors by rewarding users for actions like recycling and reducing plastic waste.

Our mission is to empower individuals and businesses to make sustainable choices, thereby contributing to a more responsible and circular economy.

By partnering with eco-friendly companies and fostering community engagement, The GenG is committed to creating a lasting impact on environmental stewardship and social responsibility.

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Team name **The GenG**
Country **Vietnam**
Cohort year **2024**
Program **IPPIN Accelerator+**



Meet the 2024 innovating teams

HUSCO



S4N (Seedling for Nature) is a biodegradable product, completely environmentally friendly and able to fully decompose in the natural environment, without generating microplastics.

S4N products are produced in cooperation with: HUSCO, KLAMAG Key Laboratory and Green Technology Joint Stock Company – BABIO.

With S4N, HUSCO believes in a future without plastic waste, where the choices of each person will contribute to the sustainability of the green planet.

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Team name HUSCO
Country Vietnam
Cohort year 2024
Program IPPIN Accelerator+

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100%
100% KHÔNG CHỨA HẠT VI NHỰA

♻️
Phân hủy hoàn toàn

🩺
An toàn cho sức khỏe
Thân thiện với môi trường

Nopa



Nopa Move: Reuse made elegant and playful

Elevate your everyday with Nopa Move, the first stylish, customizable bottle made in Vietnam that rewards you for 'reusing' in Vietnam. Enjoy exclusive discounts and perks at over 35+ locations in Saigon. Our modular design ensures longevity, and our swapping service helps keep waste out of landfills. Nopa Move is a real lifestyle change.

Nopa is a Saigonese product experience studio founded by four passionate designers. At Nopa, our mission is to harness design to change behaviours and drive positive, sustainable actions. Our goal is to influence consumer habits through everyday products, using psychology, insights, and trends to build communities and foster positive movements.

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Team name Nopa
Country Vietnam
Cohort year 2024
Program IPPIN Accelerator+



Meet the 2024 innovating teams

ReForm Plastic



ReForm Plastic is a one-stop shop for managing hard-to-process waste types, offering a comprehensive portfolio of upcycling technologies to tackle difficult materials, particularly plastics. Our cost-effective solutions transform waste into durable, value-added products for industries such as construction and furniture. With 14 social franchise factories across South Asia and Africa, ReForm Plastic is actively removing non-recyclable waste from the environment. We focus on building responsible social supply chains, creating local jobs, and empowering communities. Our newest technology utilises the power of insects to process municipal waste, allowing residual low-value plastics to be easily extracted and upcycled using ReForm Plastic's current technology portfolio. We also support businesses with EPR and plastic credit compliance, contributing to a cleaner, more sustainable future.

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Team name ReForm Plastic
Country Vietnam
Cohort year 2024
Program IPPIN Accelerator+



UPGREEN Vietnam



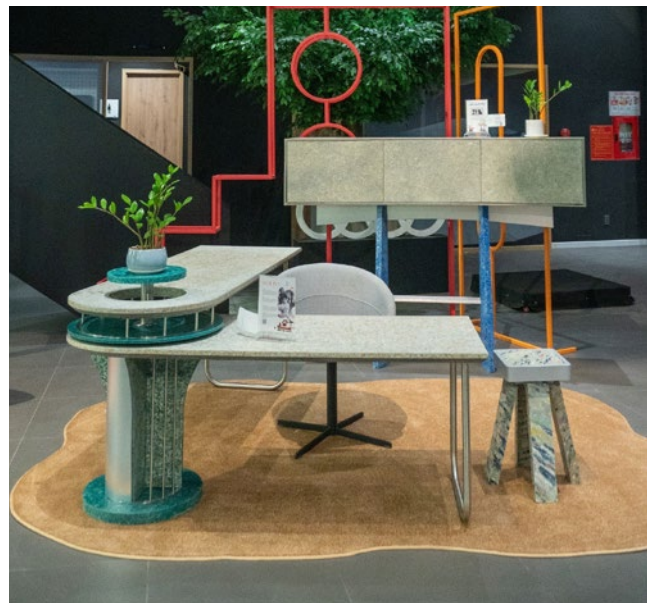
For environmentally conscious businesses who seek sustainable and innovative material solutions, our **UPGREEN Vietnam** service is an ESG consulting and product development provider that transforms recycled plastics into high-impact, eco-friendly products, helping companies achieve their sustainability goals while enhancing their brand image.

Through a combination of cutting-edge design and traditional Vietnamese craftsmanship, we make sustainable products both accessible and appealing. Our efforts extend beyond just products; we empower communities through educational initiatives and projects like Reborn Decor, which showcase the potential of recycled materials. UPGREEN is creating a sustainable ecosystem that unites individuals and businesses across Vietnam and Southeast Asia. Together, we are paving the way for a cleaner, greener future, where waste becomes a valuable resource and sustainability is the norm.

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Team name UPGREEN Vietnam
Country Vietnam
Cohort year 2024
Program IPPIN Accelerator+



Meet the 2024 innovating teams

VECA



VECA is a provider of optimal solutions that contribute to promoting the sorting, collection, and recycling of waste at the source, within businesses, and in the community. It supports businesses in effectively recovering used packaging and managing transaction information conveniently and transparently.

By applying technology to digitise the scrap supply chain, VECA also provides services to help informal sectors connect and collaborate with formal recycling factories, ensuring complete documentation compliance with legal regulations. This helps businesses increase their recycling rates, minimise environmental impact, and build a green brand. Additionally, VECA aids in the effective implementation of CSR and EPR policies, and builds a sustainable supply chain towards a circular economy.

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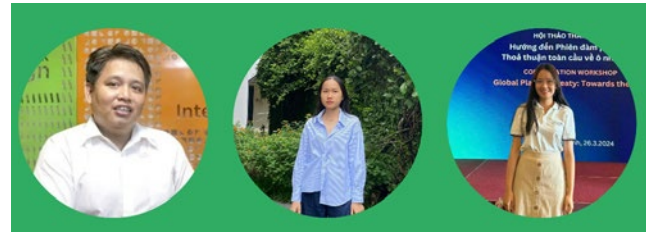


Team name **VECA**

Country **Vietnam**

Cohort year **2024**

Program **IPPIN Accelerator+**



Meet our 2024 collaborator



Australian Landing Pads Ho Chi Minh City

Australian Landing Pads

Partner name **Australian Landing Pads Ho Chi Minh City**
Country **Vietnam**

A government key initiative supporting Australian technology scaleups to expand globally. Established since 2019, Landing Pads are now available in Bengaluru, Ho Chi Minh City, Jakarta, London, San Francisco, Shanghai and Singapore.

At the 2024 ASEAN-Australia Special Summit in Melbourne on 5 March 2024, a range of new and expanded initiatives relevant to Southeast Asia were announced by the Prime Minister of Australia

including the Landing Pads in Ho Chi Minh City to bring together startups, research institutions, and tech players to drive digital transformation in Vietnam.

The Landing Pad in Ho Chi Minh City provides specialised programs to help Australian technology companies understand how to rapidly scale their business into new markets, validate market entry plans and connect with the local ecosystem.

Special thanks to our partners





Join the growing movement to end plastic waste in the Indo-Pacific

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For further information
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Partner with CSIRO's Indo-Pacific Plastics Innovation Network (IPPIN)

At IPPIN, we collaborate with corporate, government and not-for-profit partners committed to ending plastic waste and creating a better future for everyone.

Our mission: bridging the gap between research, entrepreneurship, and investment to redefine the plastic lifecycle and create a circular economy.

Partner with IPPIN to achieve your strategic goals

Innovation: solve your plastic challenges, gain early access to cutting-edge solutions, and collaborate on R&D initiatives.

Capacity building: enhance your team's skills and knowledge through mentorship and development opportunities.

Collaboration: build valuable relationships and explore new business collaborations.

Attract top talent: draw top entrepreneurial talent and accelerate your sustainability efforts.

Corporate social responsibility and sustainability: contribute to societal impact and align with sustainability goals.

Why partner with us?

By partnering with IPPIN, you are aligning your company with a globally recognised brand that has been solving the world's greatest challenges through innovative science and technology since 1916.

Let's talk!

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