



ENDING PLASTIC POLLUTION INNOVATION CHALLENGE (EPPIC) 2020 TOP 14 FINALISTS

EPPIC is an ASEAN-wide competition aiming to beat plastic pollution in coastal cities by selecting innovative solutions and helping them to grow and scale up.

01

Reusable Cups Reduce



AYA



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AYA is a non-profit-organization that helps universities to set up an end-to-end solution for multi-use cups and containers on campus. We collaborate with sponsors who support with design training (Schoolab), mobile application (barePack.co) and packaging and washing facilities to promote the Reduce - Reuse behavior for university students in Vietnam.

Aluminum, Diesel, Activated carbon from snack packaging waste Recycle



CIRAC



02

CIRAC provides the first commercial-scale technology for dealing with one of the most common and difficult materials to recycle - taking multilayer packaging (commonly used for snack packaging) and turning it into aluminum, fuel oil, and activated carbon (which is under development). Our low operational cost and environmentally friendly process ensures profitability, scalability and high expansion potentials, as well as establishes a new circular system.

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03

Aerogel Recycle



EcoTech



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A collaboration between researchers at the National University of Singapore and the Ho Chi Minh City University of Technology, EcoTech is tackling plastic pollution by turning plastic waste into eco-friendly aerogels, for a wide range of applications. We are committed to producing high quality, eco-friendly aerogels that appeal to the broader global market, without compromising long term environmental sustainability. Innovatively upcycled from waste, our range of aerogel forms provide unique solutions for a wide range of applications.

Breathable Biobag
Reduce

04



Galaxy Biotech



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Backed by 20+ years experience in automation and biotechnology, especially in the bio-material industry, Galaxy Biotech JSC. is a biotechnology company focused on innovating and developing breathable biobags. We promote gender equality, and at present, our team is comprised of 40% female members. We also prioritize local employment, with 50% local workers.

Mobile App
Educate

05



Green Island Foundation of Thailand

Green Island Foundation of Thailand is a network of people focused on educating and encouraging communities to tackle plastic pollution and promote sustainable tourism on Koh Samui Island. The mobile app (CPR - Consume-Play-Replay) serves as a tool for collecting data on waste management, with an emphasis on the "beneficial experience" for users of customisability, self-starting waste management projects and promotion of cross-industry collaboration. The app is adjustable to different locations, individuals or businesses based on their customized needs.

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Biodegradable Straws
Reduce

06



Green Joy



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Green Joy offers biodegradable straws and herbaceous products as sustainable alternatives to single-use plastic products. Made from Lepironia, a plant native to the Mekong Delta, and receiving advanced sterilization treatment, the straws are produced with the contribution of local farmers and women in different steps of production. Our mission is to have reduce the consumption of plastic straws by 1 billion by 2025, with a simple formula: 1 Grass Straw replaces 1 Plastic Straw.

Mobile App
Educate

07



GreenPoints

GreenPoints is a mobile application leveraging the power of gamification to make living green easier and more enjoyable. With multi-stakeholder collaboration, GreenPoints encourages communities to take green actions, receive green points, and redeem points for meaningful or valuable green gifts for individuals, families or the community.

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Mobile App
Educate

08



mGreen



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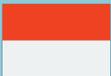
mGreen is a mobile app system with a loyalty rewards program which encourages residents to sort their garbage at home and helps informal waste collectors to collect waste in a convenient way. Between 2018 and 2019, mGreen gained a total of 16,000 users and successfully collected 12,000kg of waste in Ha Noi, Bac Ninh, and Ho Chi Minh City, Viet Nam.

Trawl-nets
Cleanup

09



OceanKita BBN



OceanKita BBN offers a combined solution of collecting marine debris and recycling plastics. The company provides effective, easy-to-operate trawl-nets to collect plastic, which are then segregated and transformed into high-value objects such as plastic planks. Over 350 of these trawl-nets have already been sold worldwide and used in collecting marine debris and cleaning up oil spills.

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Website:
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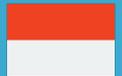
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Shredding Machine
Recycle

10



P+usTreat



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P+usTreat is a compact reverse vending machine for collecting, segregating, and shredding plastic waste. Users will receive rewards when they dispose of their plastic bottles using P+usTreat, which will be located in public places, such as offices, hotels, apartments, malls, and schools. P+usTreat intends to generate revenue from the sales of plastic flakes, and through the sale and rental of machines. P+usTreat machines are designed to accommodate up to 400 bottles and to be easy to maintain.

Refill Station
Reduce

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Refill Day



Refill Đây is a refill station concept selling well-known and trusted brands conveniently to consumers via "mobile/delivery" motorbike stations and community-based "static" stations around HCMC and Ha Long Bay. Run by ward-level Women's Union groups, consumers provide their own reusable containers to be refilled with cleaning and personal care products. Refill Đây's goals are to prevent virgin plastics entering the environment, educate consumers about the negative impacts of single-use plastic and to make it easier for individuals to become environmental heroes.

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Seven Clean Seas



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Seven Clean Seas is an innovative plastic offsetting solution combined with ocean cleanup campaigns. Having pioneered the plastic offsetting industry since its inception in 2018, it is on track to recover 10,000,000 kg of plastic pollution from the world's oceans by 2025. It works by decoupling the limitations of material value from waste management and instead focusing on the act of collecting, removing or recycling it. It is operating in Indonesia and Malaysia.



TerraCycle Thai Foundation

TerraCycle Thai Foundation (TCTF) aims to stop plastic waste from entering oceans, and to improve the livelihood of trash pickers. This is achieved by working with communities to collect, recycle and prevent plastics from entering the oceans from upstream canals and rivers sources. To support sustainable change, the program also provides educational outreach programs to increase community awareness and encourage recycling.

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VIFEP



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The Viet Nam Institute of Fisheries Economics and Planning (VIFEP) provides simple, compact and easy-to-use plastic waste squeezing machines for offshore fishing vessels, and an incentive mechanism to collect plastic waste from fishing vessels at fishing ports and wharves. In the short term, the project incentivises participation by exchanging returned plastic waste for goods necessary on trips to sea. In the long run, the project could reduce approximately 1,400 tons of plastic ending up in the sea per year, contributing to protecting the oceanic environment.

EPPIC Competition Phase II in Indonesia and the Philippines:
Applications are open

What's next?



- Final Pitching Competition Phase I
- 4 winning solutions receive seed funding and start a 9-month impact acceleration

- Final Pitching Competition Phase II
- 4 winning solutions receive seed funding and start a 9-month impact acceleration

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Ocean or Plastic?



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