

# YSE 2017 Shortlisted Teams



**Sector:**  
Environment & Energy,  
Waste Management

## BHUMIHARA

Indonesians **Fadhila El Discha, Febri Purborini Raharningrum and Bryan Citrasena**

There is no waste management system currently in place in Bawean, Indonesia, leading to severe waste pollution in addition to lack of stable electricity supply. Therefore Bhumihara was established to provide an integrated solution for small islands in Indonesia, ranging from waste management to clean energy provision. Bhumihara seeks to train locals on proper waste classification and establishing a waste delivery system. Profits will be used to help local families in the form of tokens that can be exchanged for grid electricity.



**Sector:**  
Education & Training, Youth

## CAMP HIRO

Singaporeans **Ernest Wong and Jacey Ong Mei Shu**

There is lack of awareness of social issues amongst youths and what they can do to help solve them. Camp Hiro seeks to educate youths on range of social issues through engaging, fun means that builds empathy. This is done through camps and assembly talks in collaboration with relevant NPOs, VVOs focused on youths



**Sector:**  
Agriculture, Food Security

## DHAAN

Indians **Syamkrishnan P A, Parvatha Varthini S and Surbhi Jain**

In India, millions are still in hunger and poverty. DHAAN seeks to solve the problems of Food security and Food inequality in Indian villages. DHAAN aims to provide commercial grain banks with storage facilities and own revenue model, run with the active participation of villagers. The villagers can deposit surplus grains at a small interest rate in these storage facilities, and can also take grain loans in case of shortages. DHAAN bank caters to various needs of farmers who produce food grains as a one stop solution where different segments of the farmers sell their produce, store it in case of surplus or take grain loans in case food deficit.



**Sector:**  
Technology &  
Digital Platform, Corporate  
Social Responsibility

## EFFUND

Thais **Chanon Punguman, Chitsanupong Jirapitakkul and Warisara Kianwong**

In Thailand, there are currently a lot of CSR projects from schools corporations and government but they are not sustainable and effectively implemented. Effund is a social enterprise which aims to help and sustain communities in need through the social and private organization power. By analyzing each community individually, Effund will know what communities really need and their steps of development. With this, they will be able to solve the repeating and goal missing CSR problems. Moreover, by providing the organizations with a better match of CSR projects that suit their interests, Effund hopes to create sustainable social impact.

# YSE 2017 Shortlisted Teams



## FREEDOM CUPS

**Sector:**  
Women,  
Consumer Goods & Society

## FREEDOM CUPS

Singaporeans **Rebecca Paranjothy, Joanne Paranjothy and Vanessa Paranjothy**

At present only two options are presented to women who have periods monthly - Pads and tampons. Freedom Cups offers a cheaper and more sustainable environmentally conscious alternative. Reusable menstrual cups are better for the body, wallet and planet. Freedom Cups works on a buy-1, give-1 model, where every cup purchased allows them to give one to a woman who cannot afford clean periods.



**Sector:**  
Healthcare, Technology  
& Digital Platform

## GIGICARE

Indonesians **Hamzah Assaduddin and Ahmad Faris Adli Izzuddin**

There are 44.7 million untreated dental patients per year out of Indonesia's 250 million population, while dental interns lack access to find patients effectively and efficiently. GigiCare is a matchmaker app that connects low income patients with dental interns in Indonesia, managing patients and giving them access to dental treatment. GigiCare seeks to improve the quality of digital healthcare and to democratize affordable dental care in Indonesia.



**Sector:**  
Healthcare,  
Education & Training

## JM NUTRITION CONSULTANCY

Malaysians **Su Seau Yeen and Yeo Jowynna Xia-Ni**

According to Malaysia's Ministry of Health, 1 in 5 primary school children are overweight caused by unhealthy eating and poor knowledge of health and nutrition. JM Nutrition Consultancy is a food and nutrition education centre that empowers children aged 4-12, including underprivileged, with the knowledge and know how to prevent diet-related-disease. They educate children through nutrition, culinary activities, farm visit, camps, talks and seminars. JM Nutrition Consultancy also provide them simple and nutritious recipes that can be replicated at home, and channel part of their profits to provide the same education to underprivileged children.



**Sector:**  
Education & Training,  
Youth & Women

## LAKSHYA JEEVAN JAGRITI

Indians **Summaiya Afreen and Rahul Goswami**

In 2013, Lakshya Jeevan Jagriti conducted a survey of 1000 households in Delhi to understand factors contributing to a child's education success. They found a direct relation between a mother's education and the academic success of her child. They work towards enhancing the relation between the literacy level of mother and child through dual-generation strategies. By teaching children and encouraging their mothers to join, they ensure strong educational outcomes for both.

# YSE 2017 Shortlisted Teams



## LEMONGRASS FACTORY

Singaporeans **Leonard Soh Yong Jia** and **Priscilla Ang Wan Yee**

In 2016, Singapore was affected by the Zika virus and dengue cases are estimated to exceed 30,000 this year. Lemongrass Factory seeks to address the lack of protection against the Aedes mosquito especially among children/infants in low income families and the elderly. Their product, the WristBuddy, is a mosquito repellent bracelet infused with Lemongrass essential oils which is 100% natural insect repellent.

### Sector:

Consumer Goods & Services,  
Healthcare



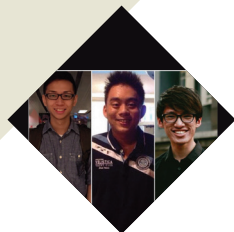
## LOADRUNNER

Taiwanese **Longwen Chiang**, Australian **Francis Lorenzo Dagelet** and Filipino **Ma. Johanna Bautista**

There exist high transportation costs, high traffic and a liquidity trap that disadvantages farmers in the Philippines' agricultural logistics sector. Loadrunner seeks to build the logistics service of the 21st century by seamlessly connecting shippers and carriers through their online platform and mobile apps, while helping truckers earn additional revenue and shippers track their freight in real time. They aim to reduce waste and pollution by utilizing empty trucks to carry backloads, while providing transparent pricing, seamless payment integration, and sophisticated transport management systems.

### Sector:

Technology &  
Digital Platform, Logistics



## SIGNS

Singaporeans **Song Jie Tan**, **Yong Jing Tan** and **Yong Tat Dennis Tee**

Signs is a no frills soft serve and crepe business that hires people with disabilities, mainly the deaf as well as those with financial difficulties. As individuals that have struggled with financial difficulties, they understand the struggles of living in lack, therefore Signs helps those with similar difficulties, especially the deaf, where not many job opportunities are opened to them.

### Sector:

Consumer Goods & Services,  
PwD



## SUPER WONDER

Indonesians **Anik Haryanti**, **Nada Mawarda Rilek** and **Khoirul Anam AS Syukri**

Ngabab village is the largest producer of dairy cows producing approximately 5763 kg of cow dung daily and a prominent vegetable producer generating vegetable waste which is 10% of total production. SUPER WONDER's production system of earthworm powder uses farm waste - bioslurry and vegetable waste - produced by the Ngabab village, creating a zero waste system. Ranchers and farmers are made partner providers of raw materials cultivation and they empower housewives in producing organic and chemical-free worm powder.

### Sector:

Agriculture,  
Environment & Energy

# YSE 2017 Shortlisted Teams



**Sector:**  
Agriculture,  
Technology & Digital Platform

## TAPONESIA

Indonesians **Nur Maulidiah El Fajr and Tri Lestari**

Data provided by World Resource Information highlights that more than 5 million hectares of underused arable land are unproductive, yet millions of underemployed skilled farmers surround it. Taponesia is a digital agroforestry platform that helps underemployed farmers, under-utilized land, and investors gain sustainable incomes, while solving deforestation through their integrated agricultural management system. They have partnered the Green Community Forum in North Minahasa, Sulawesi in providing 200 hectares of land and local farmers in using their platform.



**Sector:**  
Consumer Goods & Services,  
Technology & Digital Platform

## TROVI

American **Elijah Johnston** and Canadian **Celeste Kuramoto**

In a digital and globalized economy, age-old skills, trades, and art forms are being lost making it increasingly difficult to find sources of income. There is a need to boost the \$34 billion artisan sector of the global economy, as it has the potential to drive sustainable income, employment, and economic growth in impoverished areas. Trovi empowers artisans to participate in today's globalized environment by connecting them through a digital platform, to individuals who seek meaningful travel and local engagement. Trovi also facilitates educational village stays for backpackers.



**Sector:**  
Consumer Goods & Services,  
Environment & Energy

## WEGHA HONEY

Indians **Chaitanya Powar, Abhishek Sharma and Harikrishnan Santhosh**

The traditional method of honey collection undermines the potential of tribes to produce high quality honey, while causing total destruction of hives, thereby impacting the forests negatively. Unsafe collection increases life risks for the collectors and inefficient extraction methods produce unhygienic honey. WeGha Honey is a sustainable venture based in the Western Ghat region of Kolhapur, Maharashtra, who works with tribes to facilitate collection, extraction, purification and selling of natural and medicinal honey from the forests.



**Sector:**  
Environment & Energy,  
Waste Management

## WOW FOUNDATION

Indians **Pramod Bhurji and Om Prakash Raja**

1.8 billion tonnes of solid waste is generated by world per year. India is the third largest waste producer generating 48 million tonnes per year. WOW Foundation aims to provide affordable eco-friendly sustainable solid waste management services to tier-3 cities of India. They encourage waste segregation at source level and follows a decentralized model for waste handling. They produce high quality organic manure from bio-waste, encourage farmers to use organic manure and provide doorstep recyclable waste collection services