

October 7, 2023

Welcome to our first newsletter!

Our Story

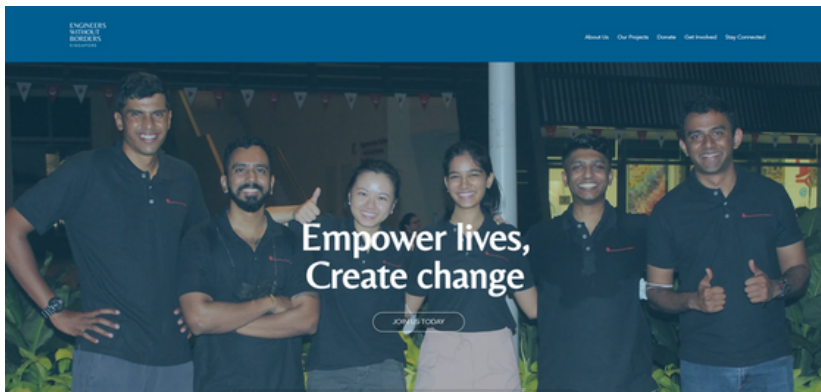
If not us, then who? If not now, then when? - Hillel the Elder

Engineers Without Borders (EWB) is a non-profit organisation which seeks to empower and improve the lives of disadvantaged communities around the world through the power of engineering.

The Singapore chapter, which was established in 2012, sets out to bring sustainable and impactful engineering solutions to communities in need through initiatives focused on education, clean energy and water, and sanitation and hygiene (WASH).

Keep yourself updated with our ongoing projects and events by visiting our website, following us on social media or by joining our Whatsapp Community here via this link <https://bit.ly/ewbsg-WA>

Our New Website!



EWB (SG) has recently revamped our website with the extraordinary help from Sweathha and Jessica. Sporting a brand new design and a fluid interface, check out the latest events and projects on our website!

Project Highlights!

Project Turtles

We are designing and implementing a Communication Vessel Filtration System to replace the current filtration system ACRES uses for their water tubs holding Pig-Nosed Turtles.

This new filtration system will be more cost and labour efficient as it is less likely to be damaged by turtles.



Nee Soon Playground

In conjunction with Nee Soon East CC and Ground Up Initiative, EWB (SG) is working with Nee Soon families and children to build a playground made entirely from recycled materials!

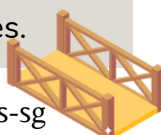
We are taking on an advisory role to supervise the design, procurement and construction of the playground.



Tapul Bridge Project

We are constructing a pedestrian bridge for the Tapul community in the Philippines who are facing difficulty in accessing healthcare, education, and in the movement of goods across the Ulot River.

The bridge construction will significantly alleviate their struggles by increasing accessibility to goods and services.



What's happening?

January

ASIA NETWORK

CLIMATE CHANGE AND ACTION FORUM



7 JANUARY 2023



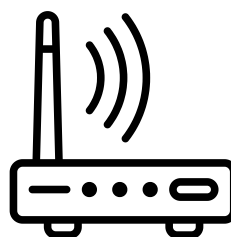
Earlier this year, the second installation in the series of forums was jointly organised by the EWB Asia network. Following the 1st forum on 'Future Cities', the conversation continued on Climate Change and Action. Together with Daniel Loup from ARUP and Yasser Amin from Stridy, we explored the actions we could take to ensure sustainability in urban cities.

17 - 18 JUNE 2023

ANNUAL CONFERENCE

The EWB Asia Network Annual Conference was held in Kuala Lumpur, Malaysia, hosted by the EWB Malaysia chapter and joined by counterparts from Hong Kong and Singapore. It was the first time the different Asian chapters had met in-person. This conference highlighted the significance of regional collaboration among the different chapters. While the nature of challenges faced by the different communities were fundamentally alike, such as impacts of global warming, depletion of resources, carbon emissions, inadequate quality of life and provision to basic necessities, each chapter uniquely presented their approach, tailored to the specific environmental and situational context of their respective countries.

April



NEPAL WATER PROJECT

EWB (SG) travelled to Nepal from 3rd to 7th April 2023 to install a rainwater harvesting system, with the aim of improving the water sanitation and water storage situation for the Peace Child Ministry (PCM) Hostel in Bungamati, Nepal. Following the initial engineering needs assessment trip in March 2022, in which we identified their needs and challenges, we harnessed the collective expertise of the team to install a rainwater harvesting system, replace plug point sockets and also improve the Wi-Fi connectivity in the additional building of the hostel so that the children would have more space for their online lessons.

Project Director: Angeline

Project team members: Arivinnd, Hyma, Sana, Nishanth, Benn, Akshat

We would like to thank Michael from PCM for giving us the opportunity to work together, Lee Foundation and Salleh Marican Foundation for their donations in support of our project, as well as Ms Annie Tan for her generous donation of the Wi-Fi router.