



# FUTURNERATOR

GENERATE BETTER  
FUTURE TOGETHER



- #11 Sustainable Cities and Communities
- #12 Responsible Consumption and Production
- #13 Climate Action
- #14 Life Below Water
- #15 Life on Land
- #17 Partnerships to Achieve the Goal



## IMPACT AND INVOLVEMENT

- Engaged with school, students, and parents by delivering workshops, campaigns, and presentations.
- Cooperate with organizations [ Trash Lucky and Peung Noi Nuk Su ]
- 30+ students involved in Eco-brick workshops and exhibition event
- 50+ students involved in plastic donation event in the school
- 1376 students and 800 households involved in the school community
- 2 years since we first started
- 151 kg of waste were collected
- 101 kg of plastics are being recycled



## THE PROBLEM

Thailand's deficient management of the alarming issue of waste has been an ongoing concern of the past years. According to DPC, Thailand produces approximately 2 to 3 million tonnes of plastic waste annually – excluding roughly half a million tonnes of imported plastics – of which only 25% are recycled. Disturbing statistics also revealed that plastic pollution in Thailand has been linked to the recent deaths of wild animals. More than 300 endangered marine animals die from consuming plastics dumped into the ocean: 70% of sea turtles die from plastic wastes that bind their neck – and this is just one of the bigger problems out there.



**INSTAGRAM**  
@futurnerator



**FACEBOOK**  
futurnerator



**WEBSITE**  
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SOCIAL MEDIA

## PROJECT AIM

Our initial aim, creating a zero-waste community, was broken down into multiple different goals. The main goal was to generate as many Eco-bricks as possible from the school community to be sent out to organizations for further modifications whilst also simultaneously raising awareness on environmental issues, mostly on the topic of waste management. Furthermore, we want to emphasize the significance of food waste reduction by initiating a scheme where we will convert excess food waste into fertilizers. In order to fund the processes and for possible donations to affiliated organizations, we also planned on selling handmade eco-friendly products.



## CHALLENGES

In 2019, when we first started our recycling project, we faced many challenges due to the lack of communication and cooperation from students. First of all, the students did not separate the trashes correctly which leads to many unuseable plastics. Moreover, due to the COVID-19 pandemic, we weren't able to carry out any field activities including the Eco-brick field trip, ocean cleanup project, and food waste reduction project in school as originally planned. Furthermore, we were also having trouble with time management as the virus caused all members to be apart and unavoidably resorted everything to online. As such, we weren't able to finish and submit our report by 2020. Luckily, we have an opportunity to continue our project in school at the end of 2020. Since we have the second opportunity to develop our project, we learn from all the problems that we faced in 2019-2020 and overcome those challenges by setting a better communication platform and working systems and cooperating with a wider range of organizations.

## COURSE OF ACTION

We first introduced 'Futurnerator' to the school community on 9 October 2020 through holding an exhibition, encircling around the topic of environmental issues, along with 2 mini-workshops – making Eco-bricks and DIY recycled plant pots. Our first lot of handmade products: recycled snack pouches, embroidered t-shirts, and scrunchies were also put on sale. It received huge applause from the school's personnel and pupils – as feedback, we are also currently looking into selling a second lot using more sustainable and eco-friendly material. The profit gained from our sales was used to buy Eco-brick workshop equipment and will also be used to buy food composters for our school, in order for students to learn how to manage their food wastes and hopefully be the method our school uses to manage food waste in the future. During 22-25 March 2021, our team arranged a massive recycling house competition where students were encouraged to bring in plastics from their houses and separate them into their respective house-colored bins. As a conclusion, we collected approximately 151 kg of wastes which were then processed and sorted into different categories such as compressed bottles, plastic containers, plastic lids, etc. A grand total of 101 kg of sorted plastic wastes were sent to 'Trash Lucky', our partnered organization – a trash-to-raffle program that incentivizes people who recycle in an easy and fun way. Additionally, on 25 March 2021, we held an Eco-brick workshop with our tiny-but-mighty eco-warriors from primary. We taught them about the process of creating an Eco-brick by themselves, along with the importance of curbing plastic use and sustainable living.



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## FUTURE PLANS

At-present, Futurnerator are recruiting more volunteers all around Thailand to create more Eco-bricks and to join or partner with our team for a larger-impact scale, where we will present them with ideas and resources required to undertake actions in their respective areas. To achieve sustainability in our school community, we also successfully initiated a secondary eco-club which will collaborate and carry out Futurnerator's actions in the upcoming future as we graduate from the school.