

2 ZERO
HUNGER



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“The ability to feed the world is a key element of sustainable development. If done right, agriculture, forestry and fisheries can provide nutritious food for all. At the same time it can ensure rural development with people at the centre of the process, supporting the incomes of those who rely on agriculture. Universities need to be able to demonstrate how they are contributing to end hunger, achieve food security and improved nutrition and promote sustainable agriculture.”

(THE Impact Rankings)

3,698

Number of graduates

N/A

Number of graduates from agriculture and aquaculture courses including sustainability aspects



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CAMPUS AND FOOD WASTE

ITS Efforts in Reducing the Amount of Waste

With the existence of Smart Eco Campus unit, ITS has tried reducing the amount of waste, especially food waste. As food waste is considered as organic waste and accounts for around 30% of wastes produced by the university, this, along with other organic wastes such as leaves that have been swept within the university areas, is then collected and processed into composts using composters within the university area, such as "Rumah Kompos" (Compost House), an area dedicated for producing compost, as well as other composters located on some of ITS' departments. The composts are then used to fertilize the greeneries and plants within the campus area.



STUDENT WASTE

Sustainable Food at ITS



The availability of food is very important for the ITS community. Many efforts have been done by the ITS' Smart Eco Campus unit. As a way to promote sustainable food choices, ITS' Smart Eco Campus unit, through the Eco Urban Farming program, holds its annual "Tandur Race" competition, which promotes sustainable and healthy food choices. For this year's competition, fermented soybean cake or tempe is chosen, as it is one of the traditional foods of Indonesia. Through this competition, it is hoped that the ITS community, especially the students, is aware of the nutritional benefits coming from tempe.



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ITS Community Service Programs

Helping others is one of the very important traits of the ITS community, especially towards the locals. Thus, as an effort to help the locals, several communities service programs have been done. One of the community services was carried out in Bungur village, Nganjuk regency, where students from the engineering physics department built a Light-spectrum-based pest control device for local garlic farmers as an alternative of pesticides. Another community service program was carried out in Darut Tilawah Islamic Boarding School in Krajan village, Ponorogo regency, where students from the chemical engineering department created liquid organic fertilizer using overripe coconut water.



NATIONAL HUNGER

ITS Supports Local Farmers

Another way that ITS solves hunger is by supporting local farmers. This can be seen through the socialization given by one of ITS' community service teams, who provide socialization to local farmers in Sido Mukti Village, Jambi on food security, as the village relies solely on oil and areca palms plantations. To give knowledge on how to plant consumable plants, such as cucumbers, cabbages, and water spinach, as well as how to process them into processed food. This socialization is given to the Asoka Women Farmers Association and Srigati Farmer Group, with the hopes that it can improve the welfare of the local residents.

