



IPB University
— Bogor Indonesia —

The SDG Accord

The University and College Sector's Collective Response to the Global Goals



SDG Accord Case Study

Integration of SDGs in

- Institutional governance/strategic level
- SDGs in research
- SDGs in campus operations
- SDGs in curriculum development
- SDGs in student engagement activities
- SDGs into community activities
- SDGs at a whole-institution level

Focus on

- Goal 1 - No poverty
- Goal 2 - Zero hunger
- Goal 3 - Good health and wellbeing
- Goal 4 - Quality education
- Goal 5 - Gender equality
- Goal 6 - Clean water and sanitation
- Goal 7 - Affordable and clean energy
- Goal 8 - Decent work and economic growth
- Goal 9 - Industry, innovation and infrastructure
- Goal 10 - Reduced inequalities
- Goal 11 - Sustainable cities and communities
- Goal 12 - Responsible consumption and production
- Goal 13 - Climate action
- Goal 14 - Life below water
- Goal 15 - Life on land
- Goal 16 - Peace, justice and strong institutions
- Goal 17 - Partnerships for the goals

Summary:

Waste to Cash Machine

The trash vending machine of IPB University (or we call it Trash ATM) was officially launched in 2021. In collaboration with Mountrash Avatar Indonesia, there were 30 Trash ATM that have been installed on IPB campus. Trash ATM is a device that takes empty and used bottles or cans, then returns money or other forms of incentivisation to recyclers, depending on the quantity of receptacles recycled. Due to these incentives, students and IPB community members are likely more motivated to recycle since it not only benefits the environment but themselves as well. In addition, the existence of a trash ATM can renew the mindset that wastes such as plastic packaging, drink cans, and tetra pack packaging can be recycled and has economic value because every waste deposited at a trash ATM will have a rupiah value. This trash ATM can be a breakthrough in solving the waste problem at IPB. This innovation also aligns with the government's mission to reduce carbon emissions.

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Outline the 3 key benefits of integrating this theme:

- 1. Reducing waste generation that can have an impact on environmental damage*
- 2. Reducing carbon emissions because it reduces waste accumulation in landfills*
- 3. Generating income as part of circular economy implementation*

Outline the barriers or challenges encountered in integrating this theme and how you overcame these:

- 1. More waste to cash machine points are needed at universities so that waste can be collected properly*
- 2. It is necessary to plan for the recycling of waste that has been collected from the waste to cash machine*

Please outline your conclusions and recommendations to others:

Waste to Cash machines have spread as many as 30 points at IPB University. These machines help reduce landfills and emissions in landfills and promote waste sorting and recycling directly at the source.