



IPB University  
— Bogor Indonesia —



SUSTAINABLE  
DEVELOPMENT  
GOALS



IPB UNIVERSITY  
**SUSTAINABILITY DEVELOPMENT GOALS**

SDGs Report 2023

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SDGs Report 2023

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# GLOSSARY



## K

KWT :Kelompok Wanita Tani (Women Farmers Group)

## M

MSMEs : Micro, Small, and Medium Enterprises





## Make cities inclusive, safe, and resilient and sustainable

### 1 Learning Program

The Department of Architecture Landscape offered several courses in terms of sustainable cities and communities, for example **City and Region Landscape or Green open space**. The Department of Resource Economics and Environment (ESL) recently collaborated with PT Sarana Multi Infrastruktur (SMI) to pilot **the Green Class Educational Tourism** initiative in Kampung Kebon Kopi, Cibanteng Village, Bogor. This event, attended by students and teachers from local schools, aimed to assess the demand for educational tourism focused on environmental responsibility while creating income opportunities and enhancing welfare through effective waste management practices.

Additionally, IPB offers courses such as **Natural Resource Management and Environmental Governance** in its Communication and Community Development study program. Together, these courses encourage students to reflect on effective governance and its significance for rural community development, equipping them with the skills to design practical solutions for environmental challenges.

### 2 Research and Innovation

A waste management expert has introduced strategies to combat health risks from disease-carrying flies by **improving waste management practices**, which aim to reduce their breeding grounds and safeguard community health.



Complementing this effort, IPB has launched a **household-scale maggot farming model** in Pagelaran Village through its "Dosen Mengabdi Inovasi" program. This initiative not only generates additional income for residents but also recycles organic waste into valuable resources, promoting sustainable living. This initiatives reflect dedication to creating innovative solutions that enhance public health and environmental sustainability.

## Research in number

 **358** scholarly output in 2019-2023

 **354** FWCI in 2019-2023

 **1494** citation count in 2019-2023

**3.25%** of all Indonesian citation count

**3.12%** of all Indonesian scholarly output

### 3 Campus Operation

Research and innovation at IPB University emphasize sustainability in campus operations and the preservation of **green open spaces**. By 2023, The University area has 96% open space of 1.669 ha, IPB Dramaga Campus has largest open space area (84,39% open space and 76,97% green space). The university is committed to integrating renewable energy solutions, such as solar panels and wastewater management systems, while promoting energy-efficient green buildings and environmentally **friendly transportation** systems such as 11 shuttle buses, and 5 of them use LNG fuel, 15 electric golf cars and 643 bicycles that can be rented by all IPB residents.



These initiatives are in line with IPB's sustainability goals and demonstrate its dedication to reducing its carbon footprint. In addition to its commitment to renewable energy, IPB University prioritizes the preservation of open spaces, with 96% of its area designated as open spaces, including forest and vegetation areas.



IPB's Dramaga campus has **three lakes** (LSI lakes, SDGs Lake and Inspirasi Lakes), which enhance blue spaces and promote biodiversity. Furthermore, the establishment of the **IPB Future Museum and Gallery** reflects the commitment to documenting its rich history while shaping a sustainable future. Through these efforts, IPB University serves as a model for environmental sustainability and community engagement.

### 4 Community Engagement

Over the years, the university has actively collaborated with 3.819 villages across 29 provinces, **impacting five percent of Indonesia's villages**.

 **3.819 Villages**  
**29 Provinces**



Through programs like village government schools, livestock programs, and student service projects, it aims to foster community development, disseminate IPB's research and innovation, and extend its outreach to every village in the country. In addition to its community initiatives, IPB University hosted the **International Conference on Responsible Tourism and Hospitality (ICRTH) 2023** at the IPB International Convention Center in Bogor. This conference brought together international speakers to discuss the importance of sustainable tourism, aligning with Indonesia's tourism development goals and highlighting Bogor's tourism potential.



This event featured engaging talk shows to foster stakeholder collaboration while promoting local MSME products at a bazaar, boosting the local economy. Moreover, the Landscape Architecture students cohort organized the **EXPOSE 2023 event**, focusing on "Green Campus, Water Friendly Campus." They presented research on the importance of Blue Open Spaces for water management, addressing critical issues like waste management and sedimentation to engage stakeholders in sustainable ecosystem practices.

## 5 Student Activities

In Ciherang Village, a group of university **students led a community service program that taught local residents**, including the Women Farmers Group (KWT) Sekar Asri, how to transform organic waste into valuable compost. This initiative aimed to promote environmental awareness and sustainable practices, empowering the community to manage waste effectively. Additionally, the university celebrated National Farmers' Day and World Food Day with the event "**Celebrating Farmers: Guardians of Our Food**," which involved students collaborating with local communities.