



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



## D

DWP : Dharma Wanita Persatuan

## P

PKSPL : Pusat Kajian Sumberdaya Pesisir dan Lautan

## S

SINTA : Pusat Kajian Sumberdaya Pesisir dan Lautan

SMAN : Sekolah Menengah Atas Negeri

SMAS : Sekolah Menengah Atas Swasta

SPD : Sekolah Pemerintahan Desa





Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all

## 1 Learning Program

The latest academic curriculum (K2020) has been implemented in line with IPB 4.0 and the workforce needs of 2030, with more than 1.543 courses using case study methods and team-based projects. A total of 63,2% of courses actively apply this approach to increase student engagement and develop critical thinking, creativity, collaboration and communication skills. The curriculum is based on Outcome-Based Education (OBE), integrating academic and non-academic competencies to produce resilient and adaptive graduates through foundation courses, project-based learning, internships, and final projects.

IPB also organizes more than 2.603 **collaborative agriculture-based courses** that support technical, analytical, and cross-disciplinary collaboration skills. In addition, the Faculty of Veterinary Medicine and Biomedical Sciences offers **training and certification for laboratory veterinarians**. Student initiatives such as **the forestry extension program demonstrate IPB's commitment** to environmental sustainability. In the area of governance, IPB's **School of Village Government (SPD)** celebrated the graduation of 180 village officials, strengthening governance skills for the management of regional development.

IPB University has joined forces with

**ICE Institute to provide innovative courses** that expand access to quality education for Indonesians. Through this partnership, IPB offers Outcome-Based Education (OBE) based programs that use project-based learning and case study approaches to enhance student engagement, critical thinking, creativity, collaboration, and communication skills. The available courses cover important areas such as agriculture, environment, food technology, and applied science, designed according to industry needs and the latest scientific developments. This commitment supports IPB's vision in creating resilient and adaptive graduates to face the IPB 4.0 era and 2030 workforce needs, in line with the tagline "Inspiring Innovation with Integrity"

## 2 Research and Innovation

The Directorate of Research and Innovation (DRI) hosted a **National Seminar on Research Results** from December 11-13, presenting 429 research studies across diverse fields to advance the Agromaritime 5.0 agenda. This seminar served as a collaborative platform for researchers from multiple universities, focusing on supporting With Indonesia's third-highest Science and Technology Index (Sinta) ranking and research funding rising from Rp 91.6 billion to Rp 95.1 billion, IPB University is committed to



advancing innovation and research productivity through initiatives that meet key performance indicators (KPIs) set for 2024.

IPB further **strengthens its innovation capacity through specialized research centers** of excellence in agriculture, environmental studies, and life sciences. These centers foster interdisciplinary research, creating solutions to global challenges like climate change and food security through strong networks and international collaborations. Additionally, the Department of Aquatic Resource Management at the Faculty of Fisheries and Marine Sciences recently organized a Focus Group Discussion (FGD) on a **Blue Carbon Policy Brief**. This FGD, held in a hybrid format, discussed blue carbon strategies, including ecosystem calculations and policy development to bolster Indonesia's conservation efforts.



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## Research in number



**77** scholarly output  
in 2019–2023



**48** FWCI  
in 2019–2023



**318** citation count  
in 2019–2023

**0.72%** of all Indonesian  
citation count

**0.70%** of all Indonesian  
scholarly output

### 3 Campus Operation

Since 2021, IPB University has launched **Studentportal**, a super

application designed to centralize all academic and non-academic resources for students. The app simplifies access to essential academic services, including class schedules and study recaps, as well as non-academic resources like scholarships and MBKM activities, streamlining the student experience within a single, efficient platform. Complementing this, IPB introduced **IPB Mobile**, a versatile app that provides digital access to class schedules, grades, tuition payments, library services, and notifications, available on Android and iOS. With its user-friendly interface, IPB Mobile further advancing digital access to knowledge, **IPB Repository** is an open-access platform for academic documentation. The repository allows students, faculty, and researchers to easily access and publish academic works, such as theses, dissertations, journals, and other publications, thus supporting research quality and learning by providing a comprehensive academic resource. As part of its commitment to digital transformation, **IPB DiSign** is an integrated digital system for administrative and learning purposes. This platform enables efficient, real-time tracking of academic activities—from attendance to assignment submissions—and includes a digital signature feature for secure management of academic documents, significantly reducing reliance on physical records. IPB DiSign exemplifies the progress toward a modernized, flexible, and efficient digital learning environment.

### 4 Community Engagement

Active engagement is conducted with the community through various service and outreach programs led by students and lecturers from various departments. **Forestry**



**students** from the Faculty of Forestry and Environment introduced forestry education to students at SMAS Rahmatan Lil 'Alamin, fostering awareness and interest in environmental stewardship and IPB University. Similarly, lecturers from the Vocational School addressed clean water challenges at Pondok Pesantren Thoyyibah Al-Islami by implementing a filtration system, improving sanitation for students and staff. In Buduan Village, Vocational School lecturers guided residents in urban farming and digital marketing to boost local economies. Additionally, the Faculty of Fisheries and Marine Science supported the **Smiling Coral ecotourism community** on Pramuka Island, enhancing English skills and coral preservation knowledge among tour guides to strengthen local tourism. Through these initiatives, IPB University demonstrates a commitment to community empowerment, environmental education, and sustainable development.



## 5 Student Activities

Commitment to community engagement is reflected through a range of student and faculty-led education and outreach initiatives. **The One Village One CEO (OVOC)** program empowers village communities by offering leadership and entrepreneurial training tailored to local needs, fostering economic sustainability and lifelong learning. Additionally, the university recently celebrated its students' accomplishments at the "IPB

**Bersyukur: Gemilang Prestasi Mahasiswa 2023"** ceremony, underscoring its dedication to nurturing student excellence. **Forestry students** also play a significant role in environmental education, as seen in the "**Fahatan Goes to School**" programs held at SMAN 94 Jakarta and SMAN 4 Bogor, where they introduced high school students to the importance of forest conservation and career opportunities in forestry. These initiatives collectively enhance IPB University's impact on quality education, environmental awareness, and community resilience.

