



IPB University
— Bogor Indonesia —



SUSTAINABLE
DEVELOPMENT
GOALS



IPB UNIVERSITY SUSTAINABILITY DEVELOPMENT GOALS SDGs Report 2024



Book Titles:

SDGs Report 2024

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GLOSSARY

B

BAPPENAS : Badan Perencanaan Pembangunan Nasional Republik Indonesia (the Ministry of National Development Planning)

BUMDes : Badan Usaha Milik Desa (Village-Owned Enterprises)

K

KKN : Kuliah Kerja Nyata (Thematic Students Community Service Program)



Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all



Learning Program

IPB University continues to nurture human capital aligned with national economic goals through initiatives like the **Sharia Banker Development Program**, held in collaboration with **PT Bank Nano Syariah**. This program prepares future leaders in Islamic finance by combining classroom theory with practical industry experience. From the all of participants 49% were IPB students demonstrating strong university–industry linkage in building graduate employability and professional competencies. The initiative also promotes the integration of teaching industries on campus, where students engage directly with practitioners to gain insight into financial management based on Islamic principles. This collaboration strengthens IPB's vision of producing competent, ethical, and industry-ready graduates, contributing to sustainable and inclusive economic growth in Indonesia.



IPB University strengthened its role in sustainable economic growth through the launch of the **Smart Agriculture** undergraduate program under the Faculty of Agriculture. Inaugurated on August 17, 2024, by Vice Rector for Education and Student Affairs Prof. Drh. Deni Noviana, the program became one of the most competitive, with:



Dean **Prof. Suryo Wiyono** highlighted that its establishment was supported by **collaboration with Gyeongsang National University (GNU), South Korea**, involving facility sharing, academic exchange, and grants for laboratory upgrades, agriphotovoltaic systems, and plant factory development. The program aims to equip students with technological and entrepreneurial skills to boost agricultural productivity, create jobs, and foster innovation for sustainable rural development.

Complementing these initiatives, the Department of Islamic Economics at the Faculty of Economics and Management (FEM) organized **The 6th Islamic Economics Winter Course (IESWC) 2024**, held in hybrid format at the IPB Dramaga Campus. The program, which has been conducted annually since 2019, attracted around 100 participants from seven countries—Indonesia, Malaysia, the United States, Bangladesh, Sri Lanka, Australia, and Nigeria.. The 2024 theme, "Sustainable Economic Development: Islamic Social Finance and Welfare," emphasized the integration of ethical finance, sustainability, and socio-economic justice. The event combined lectures, essay competitions, and field visits to Islamic social finance projects in Bandung.





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Research and Innovation

In collaboration with partners such as the National Zakat Agency (Baznas), Koperasi Syariah Benteng Mikro Indonesia, Center for Islamic Business and Economic Studies (CI-BEST) IPB University, Hamad Bin Khalifa University, and the Indonesian Association of Islamic Economists (IAEI), the program fostered international dialogue and collaboration in Islamic economic.

The 6th Islamic Economics Winter Course:



Sustainable Economic Development



Inclusive Welfare Through Sharia Cooperatives



Role of Islamic Economics in Sustainable Development



Concept of Inclusive Welfare in Islamic Economics



Prospects & Challenges of Islamic-Based Inclusive Welfare



Concept of Inclusive Welfare in Islamic Economics



Role of Islamic Economics in Sustainable Development

IPB University researchers from the **Faculty of Agriculture** partnered with the **Bank Indonesia Representative Office in Tegal** to conduct a field trial on **garlic variety selection and productivity**. The research identified potential high-yield varieties producing up to enrolled student, supporting the development of locally adapted, high-value crops and enhancing agricultural employment. Complementing this initiative, the **Kampung Inovasi IPB Subang**, established in collaboration with the Subang Regency Government has demonstrated tangible economic outcomes.



Program Impact on Agricultural Performance

Farmers' Income

↑ **31%**

increase in income

Harvest Productivity

15-32%

increase in yield productivity

Grain Quality (Milling Recovery)

↑ **7%**

improvement in milling recovery

Production Costs

↓ **25%**

reduction in production costs

Rice Selling Price

↑ **Rp 100–200/kg**

increase in selling price





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Campus Operation

Additionally, the **Graduate Program in Agricultural Economics (EPN)** collaborated with the **National Export School (Sekolah Ekspor Nasional)** to host an **International Dialogue on the Role of Agricultural Economics in Indonesia's Development**. The discussion emphasized agricultural productivity, infrastructure improvement, and export competitiveness as pillars of sustainable economic growth, while encouraging synergy between academia, business, and government sectors.



IPB University provides a comprehensive range of facilities to nurture student entrepreneurship and practical learning. Through innovation ecosystems such as the **Agro Techno Park (ATP)** and the **Science and Techno Park (STP)**, students are equipped with incubation spaces, mentoring programs, and access to industry networks that support the development of agribusiness startups and sustainable enterprises.



Research in Number



704 scholarly output in 2020-2024



98 FWCI in 2020-2024



4028 citation count in 2020-2024



14,51% of all Indonesian citation count



13,55% of all Indonesian scholarly output

Additionally, IPB's **field stations in Pelabuhan Ratu and Ancol**, along with the **Pasir Sarongge experimental farm**, offer experiential learning environments where students can apply integrated farming, marine science, and agrotourism concepts directly in real-world settings.





Practical training facilities such as **poultry and cattle barns** further strengthen hands-on competencies in livestock management and agribusiness innovation. Together, these facilities reflect IPB University's holistic approach to education—integrating research, entrepreneurship, and community engagement—to produce graduates who are not only work-ready but also capable of creating jobs and driving sustainable economic growth.



IPB University hosted the national kick-off of **The Gade Sociopreneurship Challenge (TGSC) 2024** at the Faculty of Economics and Management (FEM), in collaboration with **PT Pegadaian** and the **Indonesian Association of Islamic Economists (IAEI)**. The program serves as a platform for student empowerment and incubation of social entrepreneurship initiatives that address social and environmental challenges while advancing the **Sustainable Development Goals (SDGs)**. FEM Dean, **Dr. Irfan Syauqi Beik**, emphasized that TGSC aligns with IPB's vision of **techno-sociopreneurship**, integrating innovation, ethics, and sustainability in business creation. Through incubation, mentoring, and funding mechanisms, IPB's campus facilities act as **living laboratories** that promote collaboration between academia, industry, and students, fostering a new generation of entrepreneurs who contribute to inclusive and sustainable economic growth.

Complementing this, the **INFLECTION 2024 Conference**, organized by the **International Maritime, Marine, and Fisheries Research Institute (i-MAR)** at the IPB Startup Center, reinforced IPB University's leadership in advancing the **blue economy** as a pillar of sustainable development. The event convened international experts, policymakers, and industry representatives to explore science-based and technology-driven approaches for balancing economic productivity with marine ecosystem conservation. Supported by government agencies such as **Bappenas** and the **Ministry of Marine Affairs and Fisheries**, the conference highlighted the importance of innovation, sustainable resource management, and policy integration in building long-term economic resilience and social value.



Community Engagement

In partnership with PT Borneo Indobara (BIB), IPB University through IPB Prima Kelola has implemented an extensive **community training program in agarwood (bark and leaf) tea processing in Sumber Arum Village, South Kalimantan**. The five-month training introduced local residents to tea cultivation, production, packaging, and marketing techniques, transforming natural resources into sustainable economic products.





With support from **House of Tea Indonesia**, the program empowers 22 surrounding villages through a cooperative-based marketing network, promoting **inclusive rural entrepreneurship** and **long-term livelihood development**.



Moreover, postgraduate students from the **Tropical Marine Economics Program** conducted an outreach project in Pulau Tidung, educating primary school students on waste management and environmental sustainability a key effort in strengthening the blue economy and eco-tourism sectors. This initiative not only raised environmental awareness among young learners but also fostered community participation in protecting marine ecosystems and promoting sustainable coastal livelihoods.



IPB University students actively contribute to local economic empowerment through innovative field projects. In Desa Petir, Bogor, the **KKN-T (Thematic Community Service Program)** designed a **village-scale bottled water enterprise** utilizing 17 natural spring sources. The project aims to develop a **village-owned enterprise (BUMDes)** that creates employment, increases village income, and fosters self-reliance.

Furthermore, the **Postgraduate Students of Agricultural Economics** co-hosted the **International Dialogue on Agricultural Economics**, engaging in policy-oriented discussions to strengthen Indonesia's agricultural value chains and export competitiveness. These initiatives highlight IPB's dedication to experiential learning and student-led entrepreneurship, directly contributing to the creation of decent jobs and sustainable economic growth at the grassroots level.



Student Activities

IPB University students actively contribute to local economic empowerment through innovative field projects. In **Desa Petir, Bogor**, the **KKN-T (Thematic Community Service Program)** designed a **village-scale bottled water enterprise** utilizing 17 natural spring sources. The project aims to develop a **village-owned enterprise (BUMDes)** that creates employment, increases village income, and fosters self-reliance.





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IPB's dedication to experiential learning and student-led entrepreneurship



Academic Innovation & Learning Integration

Students and lecturers apply experiential learning through community-based programs (e.g., Dosen Pulang Kampung – Integrated Farming System)



Skill Development & Technological Application

Students gain hands-on skills in sustainable farming, agribusiness management, and applied technology.



Startup & Entrepreneurial Growth

Students and alumni transform innovations into startup ventures supported by IPB's incubation ecosystem



Research-Industry-Community Linkage

Collaboration through NICAB and LKST-STP connects academic research, startups, and industry partners for innovation diffusion.



Job Creation & Local Empowerment

Startups and community projects generate employment opportunities and increase productivity at the grassroots level.



Sustainable Economic Impact

Promotes inclusive economic growth, ethical entrepreneurship, and resilient local economies aligned with SDG 8: Decent Work and Economic Growth.



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Sustainable economic growth begins with
empowered people.



SDGs Report 2024 : Supplementary Report