



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

DRI

:Direktorat Riset dan Inovasi (The Directorate of Research and Innovation)



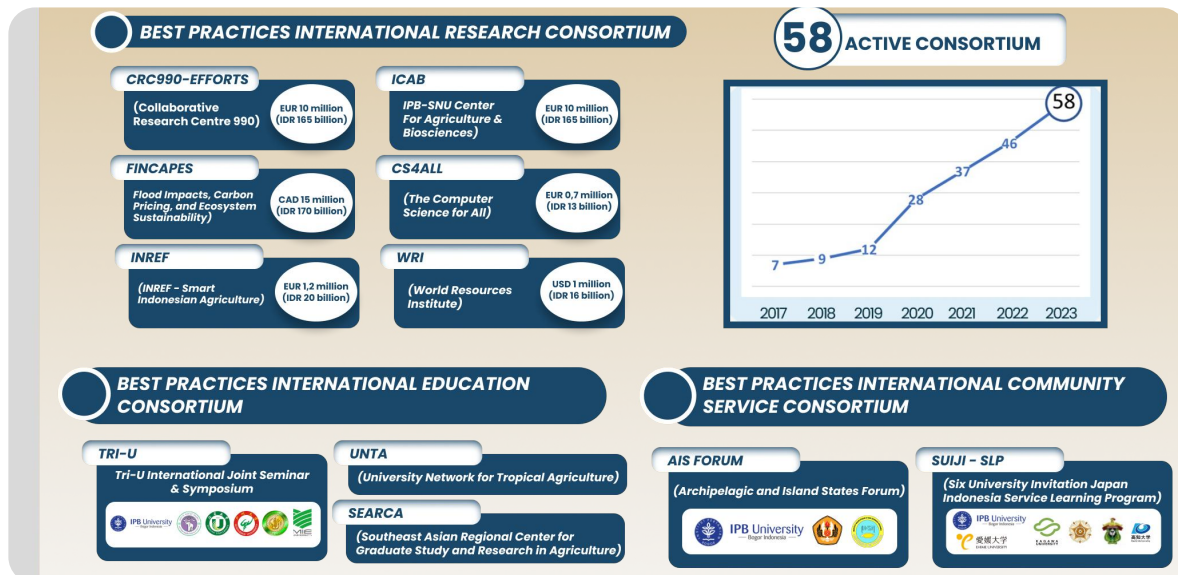
Strengthening Implementation Tools and Revitalizing the Global Partnership for Sustainable Development

1 Learning Program

IPB University has established six **academic clusters** to accelerate the downstream of research. These clusters include stunting, underwater technology, blockchain, robotics, and artificial intelligence. The objective of forming these academic clusters is to enhance research collaboration with a specific focus on certain scientific fields, resulting in internationally recognized research outputs. IPB University offers a multidisciplinary Master's program in Natural Resources and Environmental Management Science (**NREMS**), focusing on advancing environmental science and sustainable resource management. The program includes four main areas of concentration: 1) Environmental Diplomacy, 2) Environmental Change, Pollution, and Disaster Management, 3) Sustainable Agro-Maritime Systems, and 4) Complexity Science and Sustainability.

2 Research and Innovation

The university manages a diverse portfolio of **58 active consortia**. These research consortia are categorized into international research consortia, international education consortia, and international community service consortia. Best practices in international research consortia include CRC990-EFFORTS (Collaborative Research Centre 990), ICAB (IPB-SNU Center for Agriculture & Biosciences), FINCAPES (Flood Impacts, Carbon Pricing, and Ecosystem Sustainability), CS4ALL (The Computer Science for All), INREF-Smart Indonesian Agriculture, and WRI (World Resources Institute).



For international education consortia, best practices include the Tri-U International Joint Seminar & Symposium, University Network for Tropical Agriculture, and SEARCA. Best practices in the international community service consortia include AIS Forum and SUIJI-SLP. Additionally, The Directorate of Research and Innovation (DRI) held the **National Seminar on Research Results in 2023**, attended by 429 presenters. The seminar was held under the theme “Strengthening Collaborative Research to Support Sustainable Agromaritime 5.0 Innovation for Improving Community Welfare”.



3 Campus Operation

On January 25, 2019, **IPB University established the IPB SDGs Network (ISN)** to drive the development of SDG programs and activities. The ISN acts as a central hub for coordinating all SDG-related initiatives within IPB University, covering the four primary pillars of the SDGs: economic, legal, environmental, and social. Through this network, IPB University is committed to advancing impactful efforts that align with the global SDG agenda.

Each year IPB University has submitted case studies to the UN Sustainable Development Goals. These studies describe activities on campus that align to the SDGs. The activities submitted in 2023 i.e. campus operations **(SDGs Lake, Ecology House)**, research and community activities **(Sea Farming)**, campus operations and community activities **(Waste to Cash Machine)**.

4 Community Engagement

IPB University has established flagship **international collaborations**, including 6 international classes for undergraduate programs, 15 double degree/joint degree programs for master's degrees, and 58 research and education consortia. These collaborations encompass 53 companies, 442 universities, 52 international organizations, and 8 foreign governments. The types of agreements established total 555, including 354 Memorandum of Understanding (MoU) and Letters of Intent (LoI), as well as 201 Memorandum of Agreement (MoA) and Implementation Arrangements (IA). In terms of educational partnerships include 442 universities, with 24 ranked in the top 100 of the QS World University Rankings (QS WUR). These collaborations include 15 joint and double degree programs, 170 student and staff exchanges, 189 research projects, 10 training programs, and 179 multi-activity partnerships. To further strengthen these, we have established 8 liaison offices supporting research and educational exchanges.

The partnerships established in 2023 include **Ocean University (JOU), China; University of Toliara, Madagascar; Chungnam National University (CNU), South Korea;** and through participation in the **NAFSA Annual Conference and EXPO 2023.**



In 2023, the university established 808 national partnerships, encompassing 298 with government agencies, 304 with private companies, 53 with NGOs, 90 with public universities, and 63 with private universities. For the example, collaboration with regional governments focus on sustainable development and community empowerment. In **Bolaang Mongondow**, North Sulawesi, efforts center on agricultural development, specifically identifying suitable land for cultivating IPB University's crop varieties through spatial assessments and pilot planting trials.

In **Aceh Jaya** Regency, the goal is to uplift socio-economic conditions by integrating technological advancements and academic research. Additionally, partnerships with the Provincial Government of **Central Kalimantan** focus on optimizing plantation resources and enhancing the utilization of local products while promoting sustainable agriculture.

5 Student Activities

The Faculty of Forestry and Environment held a talk show titled "**Mengenal Lebih Dekat Kemitraan**," which focused on fostering strategic collaboration towards shared goals. Additionally, Graduate Students collaborated with the Student Executive Board to host the "**Sarasehan Nasional 2023**," featuring Prof. H. Muhadjir Effendy, the Coordinating Minister for Human Development and Cultural Affairs, as a keynote speaker. This forum, as a non-academic activity, significantly enriches students' insights. Furthermore, the Student Executive Board and environmental cadres engaged in discussions with the Ministry of Environment and Forestry of Indonesia to promote **cleaner and healthier environments**. Achieving this vision requires ongoing synergy among academics, communities, institutions, businesses, and other stakeholders, underscoring the importance of multi-stakeholder support and collaboration for sustainable outcomes.

