



IPB University
— Bogor Indonesia —



SUSTAINABLE
DEVELOPMENT
GOALS



IPB UNIVERSITY

SUSTAINABILITY DEVELOPMENT GOALS

SDGs Report 2024



Book Titles:

SDGs Report 2024

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Published by Directorate of Strategic Studies and Academic Reputation, IPB University,
Bogor - Indonesia 2025

GLOSSARY

F

FONCI : Food and Nutrition Collaboration of Indonesia

H

HIMITEK : Himpunan Mahasiswa Ilmu dan Teknologi Kelautan
(Marine Science and Technology Student Association)

P

Posyandu : Pos Pelayanan Terpadu (Integrated Health Service Post)

R

RSHP : Rumah Sakit Hewan Pendidikan (Veterinary Teaching Hospital)

S

SKB : Sekolah Keluarga Berkualitas (School for Quality Family)



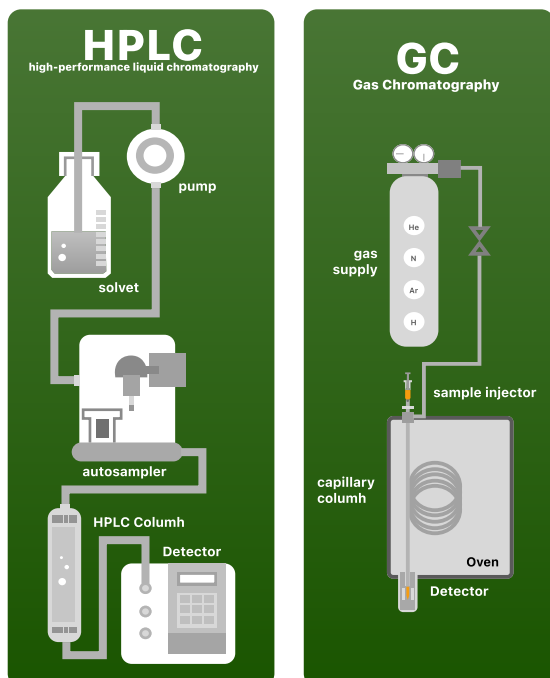
Ensure healthy lives and promote well-being for all at all ages



Learning Program

IPB University in 2024 has strengthened its institutional role in the health sector through various learning programs and strategic collaborations, both nationally and internationally. One of the key international initiatives was **the Visiting Professor** program organized by the Department of Community Nutrition, which hosted Assoc. Prof. Wanee Jirapakkul from Kasetsart University, Thailand. This program enriched academic insights in community nutrition and strengthened IPB's international academic health network.

Chromatography Technique for food analysis.



Anti-obesity effects of green tea



Anti-Obesity

Additionally, IPB co-hosted **The 3rd International Conference on Nutrition and Food (ICNF) 2024** in collaboration with Universiti Putra Malaysia, carrying the theme "Sustainable Nutrition and Food for Human Development." The conference was attended by

136
participants

Thematic Fields:

- Clinical Nutrition (CL)
- Community Nutrition (CO)
- Food Innovation (FI)
- Food and Nutrition Systems (FN)

132
research publications

further establishing IPB's position in global research related to sustainable food and health.

At the national level, IPB University has actively built partnerships to support innovation in healthcare services and medical education. The Veterinary Teaching Hospital (RSHP) at IPB collaborated with Hermina Central Hospital to develop **kidney transplant services for humans**, starting with training on pig kidney transplantation as a preclinical model.





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Furthermore, IPB hosted a public lecture titled **"The Future of Medicine"** delivered by Indonesia's Minister of Health, Budi Gunadi Sadikin, which highlighted the transformation of the national healthcare system and emphasized the importance of cross-sector collaboration in modern healthcare delivery. As part of its 61st anniversary, IPB also signed a cooperation agreement with RSUD Cibinong and the Indonesian Heart Foundation (Bogor Branch), covering **health education initiatives**, medical check-up discounts for retired staff, and organizing heart-health exercise programs on the Dramaga campus.

IPB highlights that high rates of **child marriage contribute to stunting, school dropouts, and unemployment**

Local partnerships have also been a key focus of IPB University in enhancing community health. In collaboration with the Bogor District Government, IPB implemented **the Pre-Marriage School Program**, aimed at preventing stunting through education for prospective couples about the importance of reproductive health and preconception nutrition.



In another effort, IPB, along with **the IPB Alumni Humanitarian Volunteer Group (ARM HA-IPB)**, provided free healthcare services to :



164

Residents in Cileuksa Village, Bogor Regency

These services included blood pressure checks, blood sugar tests, uric acid monitoring, and cholesterol screenings—demonstrating IPB's commitment to improving access to basic healthcare for underserved communities.



The program supported **Prior nutrition education and The distribution of**

350
food packages

Health checks included:



blood pressure



blood sugar



uric acid



cholesterol



Ensure healthy lives and promote well-being for all at all ages

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Research and Innovation

Lecturers at IPB University consistently demonstrate outstanding achievements in research and innovation. Several studies focusing on health and wellbeing include research conducted by **Dr Yessie** and teams from the Department of Physics, Department of Chemistry, Tropical Biopharmaca Research Center, and the School of Business, which developed an innovative toothpaste made from temu oil and eggshell, named the oral care product **"C et Chic"**.



In addition, **Prof. Dyah Iswantini** developed a herbal slimming product called Prolislim, made from two Indonesian medicinal plants — tamarind slices (*Garcinia atroviridis*) and white turmeric (*Kaempferia angustifolia*).



Meanwhile, **Prof. Irzaman** and his team created a non-invasive hemoglobin (Hb) measuring device named Tesena Non-Invasive HB Check, which uses light to analyze Hb levels without the need for a blood sample; this innovation was developed in collaboration with the National Research and Innovation Agency and PT Tesena Inovindo.



Research in Number



786

scholarly output in 2020-2024



77

FWCI in 2020-2024



4957

citation count in 2020-2024



16,20%

of all Indonesian citation count



16,68%

of all Indonesian scholarly output





Ensure healthy lives and promote well-being for all at all ages

3

Campus Operation

IPB University consistently supports the health and well-being of its academic community through responsive campus operations. IPB has a **health unit** accessible to students, staff, and the general public from Monday to Saturday, with operating hours from 8 AM to 8 PM, and on Saturdays until 6 PM.



Services Health Unit:

- General Clinic
- Dental Clinic
- Pharmacy
- Nutrition Clinic
- Treatment Room
- Medical Check-Up
- Medical Check-Up
- Laboratory
- Medical Team
- Ultrasound (USG)
- Prolanis
- Ambulance Service



During the National Selection of University (UTBK-SNBT) 2024 exam, the university deployed **medical personnel and standby ambulances** to ensure the safety of all participants. In addition, **IPB provides Counseling and Guidance** services facilitated by the university team, along with a dedicated emotional support hotline. At the Vocational School, **the Counseling Guidance unit** actively conducts training sessions, seminars, and webinars on stress management and mental health to support students both academically and psychologically.



Mindfulness techniques

are recommended to help students stay present and manage stress

4

Community Engagement

Throughout 2024, IPB University demonstrated a strong commitment to achieving SDG 3 (Good Health and Well-being) through various community engagement programs focused on improving access to healthcare services, public health education, and cross-sectoral collaboration. These initiatives included free **medical services for disaster-affected residents** in Cileuksa Village in partnership with IPB's alumni.

In addition, Community services in nutrition education under the theme **"Isi Piringku"** conducted by vocational school students at SDN 9 Bantarjati, to raise awareness about balanced diets and prevent stunting and obesity among children.



IPB also participated in the **World Rabies Day 2024** by offering free pet vaccinations in collaboration with the Bogor City Food and Agriculture Office (DKPP) and the Indonesian Veterinary Medical Association (PDHI) West Java II. Furthermore, IPB implemented a **female cat sterilization program** to help control the stray cat population and reduce the risk of zoonotic disease transmission.



Total animals vaccinated:

- 124 cats
- 18 dogs
- 5 civets





Ensure healthy lives and promote well-being for all at all ages



Sekolah Keluarga Berkualitas

IPB University implements the Sekolah Keluarga Berkualitas (SKB) Program to reduce stunting, enhance family financial literacy, strengthen family relationships, and improve maternal and child health. Through collaboration with village governments and local cadres, the program conducts mentoring, training, and public seminars, culminating in a graduation ceremony. **In 2023, SKB graduated 75 mothers, and in 2024, 197 mothers** from Sukabumi Regency and villages around the IPB campus.



Additionally, **students from IPB Vocational School** conducted a health education campaign titled Resilient Teens: Prevent Anemia Risk at SMP Negeri 2 Bogor. The program aimed to raise adolescents' awareness about anemia and promote healthy lifestyle habits. Furthermore, **the Geophysics and Meteorology Student Association** collaborated with the local community in Cibunian Village to hold a seminar and free health check-up, targeting the prevention of stunting among mothers and children through balanced nutrition education and regular health monitoring.



Student Activities

In 2024, students of IPB University have actively contributed to improving community health through systematic and impactful outreach programs. For example, the **Marine Science and Technology Student Association** organized a Mobile Health Check activity at the Mangrove Jaya Posyandu in Pantai Mekar Village, Muara Gembong District. This initiative, in collaboration with local health centers and community health posts, involved monitoring the weight and height of numerous toddlers in areas frequently affected by tidal flooding.

the **C-Ling Program**

45

toddlers had height and weight measured

Target: Toddlers and their caregivers





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"Healthy minds create a healthy world."



SDGs Report 2024 : Supplementary Report