



Menghilangkan kelaparan, mencapai ketahanan pangan dan gizi yang baik, serta meningkatkan pertanian berkelanjutan

End hunger, achieve food security and improved nutrition and promote sustainable agriculture



#11

THE Impact Ranking
2025

pada kategori TPB 2

THE Impact Ranking 2025
in SDG 2 category



6

program studi yang
berkaitan dengan TPB 2

study programs related to
SDG 2

Pusat Sumber Daya Gizi: Mengupayakan Ketahanan Gizi Nasional

Menanggapi angka *stunting* tinggi di Indonesia, Fakultas Kesehatan Masyarakat Universitas Indonesia (FKM UI) mendirikan **Stunting Resource Center (SRC)** sebagai pusat rujukan keilmuan dan solusi berbasis riset untuk mengatasi masalah gizi nasional.

Center for Nutrition Resources: Addressing National Nutritional Security

In response to high *stunting* rates in Indonesia, Universitas Indonesia's Faculty of Public Health (FKM UI) established the **Stunting Resource Center (SRC)**. This center serves as a hub for scientific expertise and research-based solutions to address national nutritional problems.



3

kelas pelatihan nakes

health care workers training classes



3.596

tenaga kesehatan

health care workers



94,2%

peserta puas dengan
platform Learning Center
PDRC FKM UI

participants satisfied with the
PDRC FKM UI Learning Center
platform



16

provinsi

provinces



209

kabupaten/kota

regencies/cities

Sejak 2023, SRC FKM UI telah aktif berkolaborasi dengan berbagai universitas, institusi pemerintah, dan organisasi non-pemerintah (LSM). Melalui kemitraan ini, SRC menyediakan **pelatihan daring untuk tenaga kesehatan**, melaksanakan program pendampingan wilayah, dan melakukan penelitian. Upaya ini menegaskan kontribusi UI dalam menciptakan solusi nyata untuk ketahanan pangan dan gizi, sejalan dengan komitmen global untuk mengakhiri kelaparan.

Since 2023, SRC FKM UI has actively collaborated with various universities, government institutions, and non-governmental organizations (NGOs). Through these partnerships, the center provides **online training for healthcare workers**, implements regional assistance programs, and conducts research. These efforts underscore UI's contributions in creating concrete solutions for food and nutrition security, aligning with the global commitment to end hunger.



Gambar 2.1 Program Pendampingan SRC
Figure 2.1 SRC Mentoring Program



Gambar 2.2 Pelatihan tenaga kesehatan dengan PT Vale Indonesia Tbk
Figure 2.2 Healthcare worker training with PT Vale Indonesia Tbk

Forum Strategis UI: Memperkuat Ketahanan Pangan dan Mencegah Stunting

Sebagai bagian dari upaya kami untuk menghilangkan kelaparan serta mencapai ketahanan pangan dan gizi nasional, FKM UI menyelenggarakan **Konferensi Internasional FKM UI Seri Online ke-29** bertema "National Security: Moving Beyond Food Availability towards Zero Hunger".

Forum strategis internasional ini diharapkan dapat mendorong dialog kebijakan dan memperkuat sinergi antar pemangku kepentingan. Dihadiri oleh lebih dari 200 peserta global, konferensi ini fokus pada penguatan ketahanan pangan dan penanggulangan *stunting*. Pembahasan mencakup kebijakan nasional seperti program Makan Bergizi Gratis (MBG), pemanfaatan pangan lokal, penguatan cadangan pangan, dan kolaborasi lintas sektor.

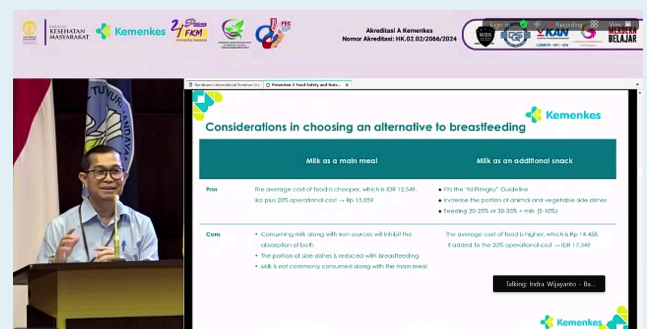
UI's Strategic Forum: Fortifying Food Security and Stunting Prevention

As part of our effort to eliminate hunger while achieving national food and nutritional security, FKM UI hosted the **29th Online Series of the International Conference** with the theme of "National Security: Moving Beyond Food Availability towards Zero Hunger."

This strategic international forum hoped to push forward dialogue on policies and strengthen synergy between stakeholders. Attended by over 200 global participants, this conference focused on strengthening food security and tackling stunting. Discussions covered national policies such as the Free Nutritious Meals (MBG) program, utilizing local food resources, strengthening food reserves, and cross-sector collaboration.



Gambar 2.3 Konferensi Internasional FKM UI bertema "National Security: Moving Beyond Food Availability towards Zero Hunger"
Figure 2.3 FKM UI's International Conference with the theme "National Security: Moving Beyond Food Availability towards Zero Hunger"



Peran UI dalam Reformasi Sistem Pangan Global

Peran UI dalam sistem pangan global tercermin melalui partisipasi aktif dalam komisi internasional. Keterlibatan **Prof. dr. Rina Agustina, M.Gizi., Ph.D.**, sebagai *Commissioner* dalam EAT-Lancet Commission on Healthy, Sustainable, and Just Food Systems, memperkuat kontribusi UI dalam merumuskan kebijakan pangan yang sehat, berkelanjutan, dan adil.

Laporan EAT-Lancet 2025 menunjukkan transformasi sistem pangan—dengan perubahan pola konsumsi, praktik produksi berkelanjutan, dan perlindungan pekerja—dapat mencegah jutaan kematian dini, memangkas lebih dari separuh emisi gas rumah kaca dari pangan, dan mengembalikan sistem pangan ke batas aman planet. Temuan ini memberi kerangka ilmiah bagi upaya nasional untuk menyelaraskan kebijakan pangan, investasi, dan intervensi gizi. Hal ini mendukung ketahanan pangan yang adil, meningkatkan kesehatan masyarakat, dan mengurangi kerentanan pangan pada masyarakat berpenghasilan rendah.

UI's Role in Global Food Systems Reform

UI's role in the global food system is reflected through our active participation in international commissions. **Prof. dr. Rina Agustina, M.Gizi., Ph.D.**'s role as a *Commissioner* of the EAT-Lancet Commission on Healthy, Sustainable, and Just Food Systems, strengthens UI's contribution to shaping policies for healthy, sustainable, and equitable food systems.

The **2025 EAT-Lancet Report** shows that transforming food systems—through shifts in diets, sustainable production practices, and protection of workers—could prevent millions of premature deaths, cut food-system greenhouse gas emissions down by more than half, and return food systems to the safe operating threshold of our planet. These findings provide a scientific framework for aligning national food policy, investment, and nutrition interventions in order to bolster food security, improve public health, and reduce food vulnerability among low-income members of the community.

Penguatan Ketahanan Pangan Petani Perempuan di Tengah Perubahan Iklim

Melalui pendekatan berbasis bukti, UI mendorong kebijakan yang inklusif dan adaptif terhadap perubahan iklim dalam sistem pangan dengan mengangkat isu kerentanan petani perempuan.

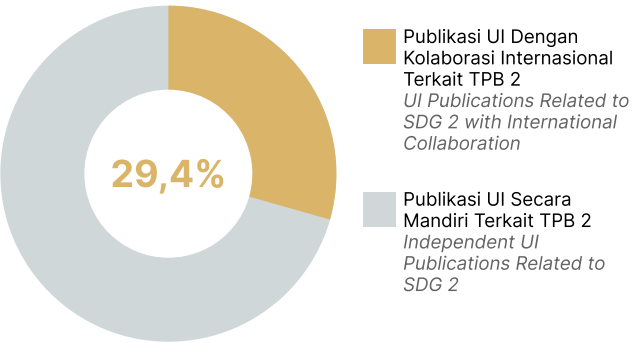
Suatu studi oleh Dr. Palupi Lindiasari Samputra, S.Pi., M.M. mengungkap bahwa 63% responden petani perempuan mengalami kerawanan pangan, terutama yang berusia lanjut, bergantung pada remitansi, dan memiliki pendapatan pertanian di bawah Rp500.000 per bulan. Paparan kekeringan pada sektor pertanian yang dialami oleh petani perempuan, serta kemampuan mereka dalam merespons dampak perubahan iklim, turut memengaruhi risiko kerawanan pangan. Temuan ini mendorong pentingnya penguatan kapasitas ekonomi dan adaptasi iklim bagi petani perempuan melalui kebijakan yang inklusif dan sensitif gender.

Strengthening Food Security for Women Farmers Amid Climate Change

Through an evidence-based approach, UI pushes for inclusive and climate-change-adaptive policies in food systems by raising the issue of food security for women farmers.

A study by Dr. Palupi Lindiasari Samputra, S.Pi., M.M. found that 63% of respondents experienced food insecurity, with the most affected being older women, those dependent on remittances, and households earning less than Rp 500,000 per month. Exposure to drought in the agricultural sector experienced by women farmers, as well as their ability to respond to the impacts of climate change, also influence the risk of food insecurity. These findings advances the importance of strengthening the economic and climate adaptation capacity of women farmers through inclusive and gender-sensitive policies.

Keluaran Riset Terkait TPB 2
SDG 2-related Research Output



Gambar 2.4 Publikasi Terkait TPB 2 yang Ditulis Bersama dengan Institusi dari Negara/Wilayah Lain pada 2020-2025
Figure 2.4 SDG 2-related Publications Co-authored with Institutions in Other Countries/Regions in 2020-2025



HKI dan Paten UI untuk Ketahanan Pangan dan Gizi

Pada 2024, UI menghasilkan 11 Hak Karya Intelektual (HKI) dan 1 paten yang mencerminkan komitmen nyata terhadap ketahanan pangan dan peningkatan gizi masyarakat. HKI yang mencakup buku, modul, poster, dan karya rekaman video dirancang untuk memperkuat praktik pertanian berkelanjutan, serta edukasi sanitasi makanan dan pencegahan *stunting*. Selain itu, UI mempatenkan inovasi tepung tulang ikan tuna yang berpotensi meningkatkan asupan gizi masyarakat secara signifikan. Inovasi-inovasi ini mempercepat adopsi solusi lokal yang meningkatkan pendapatan masyarakat desa dan memperbaiki status gizi.

UI's IPRs and Patent for Food Security and Nutrition

In 2024, UI produced 11 Intellectual Property Rights (IPRs) and 1 patent, reflecting a strong commitment to food security and improved community nutrition. The IPRs, covering books, modules, posters, and video recordings, were designed to strengthen sustainable agricultural practices, food sanitation education, and stunting prevention. Additionally, UI patented an innovation in tuna fish bone flour, which holds significant potential to boost nutritional intake. These innovations accelerate the adoption of local solutions that enhance village income and improve nutritional status.

Program Studi Terkait TPB 2 SDG 2-related Study Programs

Fakultas Kesehatan Masyarakat Faculty of Public Health	S1 Gizi/Nutrition S1 Kesehatan Masyarakat/Public Health - Peminatan Administrasi dan Kebijakan Kesehatan/Health Policy and Administration Specialization - Peminatan Biostatistika/Biostatistics Specialization - Peminatan Epidemiologi/Epidemiology Specialization - Peminatan Kesehatan Reproduksi/Reproductive Health Specialization - Peminatan Manajemen Asuransi Kesehatan/Health Insurance Management Specialization - Peminatan Manajemen Informasi Kesehatan/Health Information Management Specialization - Peminatan Promosi Kesehatan/Health Promotion Specialization	S2 Kesehatan Masyarakat/Public Health - Peminatan Ekonomi Kesehatan/Health Economics Specialization - Peminatan Kebijakan Hukum dan Kesehatan/Health Laws and Policies Specialization - Peminatan Manajemen Pelayanan Kesehatan/Healthcare Services Management Specialization - Peminatan Biostatistik/ Biostatistics Specialization - Peminatan Informatika Kesehatan/Health Informatics Specialization - Peminatan Gizi Kesehatan Masyarakat/ Public Health Nutrition Specialization - Peminatan Kesehatan Lingkungan/ Environmental Health Specialization - Peminatan Epidemiologi Kesehatan Lingkungan/Environmental Health Epidemiology Specialization - Peminatan Promosi Kesehatan/Health Promotion Specialization - Peminatan Kesehatan Mental Komunitas dan Disabilitas/Community Mental Health and Disability Specialization - Peminatan Mutu Layanan Kesehatan/ Health Service Quality Specialization - Peminatan Kesehatan Reproduksi/Reproductive Health Specialization - Peminatan Manajemen Kesehatan Daerah Berbasis Wilayah/Area-Based Regional Health Management Specialization - Peminatan Manajemen Kesehatan Daerah Berbasis Institusi/Institution-Based Regional Health Management Specialization - Peminatan Kesehatan Lanjut Usia/Elderly Health Specialization
		S3 Kesehatan Masyarakat/Public Health
Fakultas Kedokteran Faculty of Medicine	S2 Ilmu Gizi/Nutrition Science - Peminatan Ilmu Gizi Klinik/Clinical Nutrition Specialization - Peminatan Ilmu Gizi Komunitas/Community Nutritional Specialization	S3 Ilmu Gizi/ Nutrition Science

Catatan/ Notes

S1 : Program Studi Sarjana/Bachelor's Degree Program

S2 : Program Studi Magister/Master's Degree Program

S3 : Program Studi Doktor/Doctoral Degree Program

Komitmen UI untuk Mengakhiri Kelaparan di Kampus UI's Commitment to Ending Hunger on Campus



Pemanfaatan Lahan Sempit untuk Kemandirian Pangan Keluarga

Sebagai dukungan terhadap realisasi ketahanan pangan nasional berkelanjutan, FKM UI mengadakan **pelatihan urban farming** di Cipayung, Jakarta Timur, dalam rangka Hari Pangan Sedunia 2024.

Dipimpin oleh **dr. Lhuri Dwianti Rahmartani, M.Epid, B.Med.Sc., D.Phil.**, tujuan kegiatan ini adalah untuk memberikan solusi praktis untuk pemanfaatan lahan sempit oleh warga. Pelatihan ini memperkenalkan metode hidroponik dan akuaponik untuk mengatasi malnutrisi dan memperkuat kemandirian pangan berbasis komunitas. Peserta juga diberikan media tanam, bibit, dan pupuk untuk memulai praktik di rumah.

Memberantas Stunting: Edukasi Gizi dan Pangan Lokal

Melanjutkan upaya UI dalam mendorong pola makan bergizi, memberantas *stunting*, serta memperkuat ketahanan pangan berbasis komunitas, kami menggelar kegiatan **“Gerakan Berantas Stunting: Edukasi Pangan Lokal untuk Masyarakat”** di Karawaci, Kota Tangerang.

Kegiatan yang melibatkan 100 peserta (ibu dan anak) ini diselenggarakan oleh Klaster Riset Ekonomi Lingkungan Sekolah Ilmu Lingkungan (SIL) UI dan SMA PGRI 109 Tangerang pada 25 Januari 2025. Kegiatan ini menghadirkan seminar bertema gizi bertajuk “Isi Piringku Sehat” dan “Program Gizi Anak Sekolah di Jepang” untuk memberikan wawasan tentang gizi seimbang dan pentingnya gizi seimbang bagi tumbuh kembang anak. Selain itu, terdapat permainan edukatif dan pembagian buku saku serta bingkisan makanan sehat berbahan lokal.



Gambar 2.6 Pelatihan Urban Farming di Cipayung, Jakarta Timur
Figure 2.6 Urban Farming Training in Cipayung, East Jakarta

Utilizing Limited Land for Household Food Self-Sufficiency

As a form of support toward realizing sustainable national food security, FKM UI held an **urban farming training** session in Cipayung, East Jakarta, as part of World Food Day 2024.

Led by **dr. Lhuri Dwianti Rahmartani, M.Epid, B.Med.Sc., D.Phil.**, this event aims to provide the local community with practical solutions for utilizing limited space. The training introduced hydroponic and aquaponic methods to address malnutrition and strengthen community-based food independence. Participants were also provided with growing media, seeds, and fertilizer to initiate their own projects at home.

Combatting Stunting: Nutrition and Local Food Education

Continuing UI's efforts in promoting nutritious eating habits, combating stunting, and strengthening community-based food security, we organized an event entitled **“Movement to Eradicate Stunting: Local Food Education for the Community”** in Karawaci, Tangerang.

The event, which involved 100 participants (mothers and children), was organized by the Environmental Economics Research Cluster of the UI's School of Environmental Science (SIL) and SMA PGRI 109 Tangerang on January 25, 2025. The event featured seminars on nutrition titled “My Healthy Plate” and “The School Nutrition Program in Japan” to provide insights into balanced nutrition and its importance for child development. The activities also included educational games, along with the distribution of pocketbooks and healthy food hampers made from local ingredients.



Gambar 2.7 Program Gerakan Berantas Stunting
Figure 2.7 Movement to Eradicate Stunting Program

Dorong Komunitas Sehat dan Berdaya Lewat Re-grow

Untuk mengatasi prevalensi *stunting* dan volume sampah makanan masih layak konsumsi, khususnya di Jakarta, SIL UI menyelenggarakan **program pengabdian masyarakat** yang menggabungkan pelatihan menumbuhkan kembali sayuran dari limbah dapur dan edukasi gizi seimbang bagi keluarga.

Kegiatan yang diselenggarakan pada 28 November 2024 ini menggunakan pendekatan praktis dan partisipatif yang melibatkan lebih dari 30 warga RW 01 Kelurahan Rawasari. Melalui praktik *re-grow*, permainan edukatif, dan sesi interaktif, SIL UI mendorong kemandirian pangan rumah tangga dan peningkatan kesadaran gizi guna menciptakan komunitas urban yang lebih sehat, berdaya, dan berkelanjutan.

Pemberdayaan Suku Baduy: Solusi Gizi dan Ekonomi Berbasis Kearifan Lokal

Sebagai bagian upaya berkelanjutan UI menangani tingginya angka *stunting* di Kabupaten Lebak, Banten, Fakultas Farmasi (FF) UI menginisiasi program pemberdayaan Suku Baduy. Dipimpin oleh **Prof. Dr. apt. Berna Elya, M.Si.**, program ini bertujuan mengatasi masalah gizi dan memberdayakan ekonomi lokal.

Melalui pelatihan **budidaya dan pengolahan tanaman hanjeli**, 32 warga dan 10 petani Suku Baduy diajarkan cara mengubah tanaman lokal menjadi produk bernilai ekonomi, seperti kopi hanjeli bebas kafein. Inisiatif ini berfokus pada alih teknologi dan keterampilan guna meningkatkan kesejahteraan masyarakat sembari menjaga kelestarian alam. Tim UI juga menyediakan layanan pemeriksaan kesehatan gratis bagi 30 warga Baduy, menegaskan komitmen UI dalam menciptakan solusi komprehensif dan berkelanjutan.

Empowering Healthy Urban Communities through Re-grow

To address the prevalence of *stunting* and the volume of edible food waste, particularly in Jakarta, SIL UI organized a **community service program** that combines practical training on regrowing vegetables from kitchen scraps with education on balanced nutrition for families.

Held on November 28, 2024, this activity adopted a practical and participatory approach, involving more than 30 residents of RW 01, Rawasari Subdistrict. Through this *re-grow* practice, educational games, and interactive sessions, SIL UI promotes household food self-sufficiency and nutritional awareness to build healthy, empowered, and sustainable urban communities.

Empowering the Baduy Tribe: A Solution for Nutrition and Local Economy

As part of UI's continuous efforts in addressing high *stunting* rates in Lebak Regency, Banten, UI's Faculty of Pharmacy (FF) initiated an empowerment program for the Baduy Tribe. Led by **Prof. Dr. apt. Berna Elya, M.Si.**, this program aims to address issues on nutrition and empower development of the local economy.

Through training in **cultivating and processing hanjeli plants**, 32 residents and 10 farmers of the Baduy Tribe learned how to transform a local crop into a valuable product, such as caffeine-free hanjeli coffee. The program focuses on transferring technology and skills to improve community welfare while preserving the environment. Furthermore, UI's team also provided free health check-ups for 30 Baduy residents, underscoring UI's commitment to creating a comprehensive and sustainable solution.

Gambar 2.8 Edukasi Pengolahan Tanaman Hanjeli Menjadi Kopi
Figure 2.8 Education on Processing Hanjeli Plants into Coffee