

UNIVERSITAS NEGERI SEMARANG
SDGs REPORT
2025

UNNES
SDGs Report 2025

Developed by
The SDGs Center Team
Universitas Negeri Semarang



CONTENTS

3

Introduction 4

Editorial Board 6

Stories of Excellence 7

SDG 1: No Poverty 8

SDG 2: Zero Hunger 10

SDG 3: Good Health and Well-being 12

SDG 4: Quality Education 13

SDG 5: Gender Equality 15

SDG 6: Clean Water and Sanitation 18

SDG 7: Affordable and Clean Energy 20

SDG 8: Decent Work and Economic Growth 22

SDG 9: Industry, Innovation, and Infrastructure 24

SDG 10: Reduced Inequalities 26

SDG 11: Sustainable Cities and Communities 28

SDG 12: Responsible Consumption and Production 30

SDG 13: Climate Action 32

SDG 14: Life Below Water 33

SDG 15: Life On Land 35

SDG 16: Peace, Justice, and Strong Institution 37

SDG 17: Partnership for The Goals 39

INTRODUCTION

Rector

Prof. Dr. S Martono, M.Si.



All praise and gratitude are due to Allah Almighty. Universitas Negeri Semarang (UNNES) proudly presents the UNNES Sustainable Development Goals (SDGs) Report 2025, reaffirming its commitment to becoming a world-class university that champions educational excellence and environmental conservation. Sustainability remains a core principle guiding the university's academic and operational activities. By integrating sustainable practices into education, research, innovation, campus management, and community engagement, UNNES continues to address global challenges and generate meaningful impacts on society and the environment.

This report highlights UNNES's contributions to advancing the SDGs through quality education, social inclusion, community empowerment, and environmental sustainability. Throughout 2025, the university implemented various initiatives to improve community well-being, promote equal opportunities, strengthen renewable energy adoption, enhance resource efficiency, and protect biodiversity. Supported by strategic partnerships with government institutions, non-governmental organizations, industry partners, and international collaborators, these efforts demonstrate UNNES's dedication to translating sustainability commitments into tangible actions that benefit both local communities and the broader global society.

The achievements presented in this report reflect the collective dedication of the UNNES academic community and the invaluable contributions of its partners and stakeholders. We extend our sincere appreciation to everyone involved in implementing sustainability initiatives and preparing the UNNES SDGs Report 2025. Moving forward, UNNES remains committed to strengthening its sustainability strategies, expanding meaningful collaborations, and enhancing the impact of its programs. Through continuous innovation and shared responsibility, UNNES aspires to advance sustainable development and contribute significantly to achieving the SDGs in Indonesia and beyond.

About UNNES

A Journey of Growth and Sustainability

Established in 1965 as the Institute of Teacher Training and Education (IKIP) Semarang, Universitas Negeri Semarang (UNNES) initially focused on preparing qualified educators. Its transformation into a comprehensive university in 1999 expanded its academic and research disciplines. In 2022, UNNES achieved Legal Entity State University (PTN-BH) status, gaining greater autonomy in academic, financial, and institutional management. Guided by its vision, "To Become a World-Class Reputable University, Pioneer of Excellence in Education with a Conservation Perspective," UNNES continues to advance educational excellence, institutional innovation, and contributions to Indonesia's national development priorities and the Sustainable Development Goals (SDGs).

UNNES's identity as a "Conservation University" guides its institutional policies, campus operations, and academic programmes. Through its Green Campus initiative, UNNES promotes waste management, energy efficiency, and sustainable transportation. Conservation principles are also integrated into teaching and research, equipping students with interdisciplinary knowledge and practical skills to address environmental and societal challenges while encouraging active participation across the university community.

Beyond academia, UNNES supports regional and national development through community engagement programmes focused on education, public health, and local economic empowerment. Collaborations with national and international partners strengthen academic mobility, joint research, and knowledge exchange. The university also advances initiatives in renewable energy, gender equality, and biodiversity conservation. By integrating academic expertise, institutional policies, and community-based programmes, UNNES contributes to inclusive development and delivers meaningful social and environmental impacts.

UNNES's transformation from IKIP Semarang into an autonomous legal entity university reflects its commitment to academic excellence, institutional advancement, and public service. Rooted in its conservation-oriented identity, UNNES continues to strengthen international collaboration, address global challenges, and enhance its reputation as a leading institution in higher education.

EDITORIAL BOARD

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Prof. Dr. S Martono, M.Si.

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Head of SDGs Report Team

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Secretary of SDGs Report Team

Girindra Putri Dewi Saraswati

Media Coordinator of SDGs Report Team

UNNES' PR Team

Data Coordinator of SDGs Report Team

Bayu Triwibowo

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Ledi Diyanasari
Rifa'atunnisa
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Rizal Bahri
Imam Adi Nugroho
Martinda Intan Permatahati
Tjatur Joedhi Soekmono



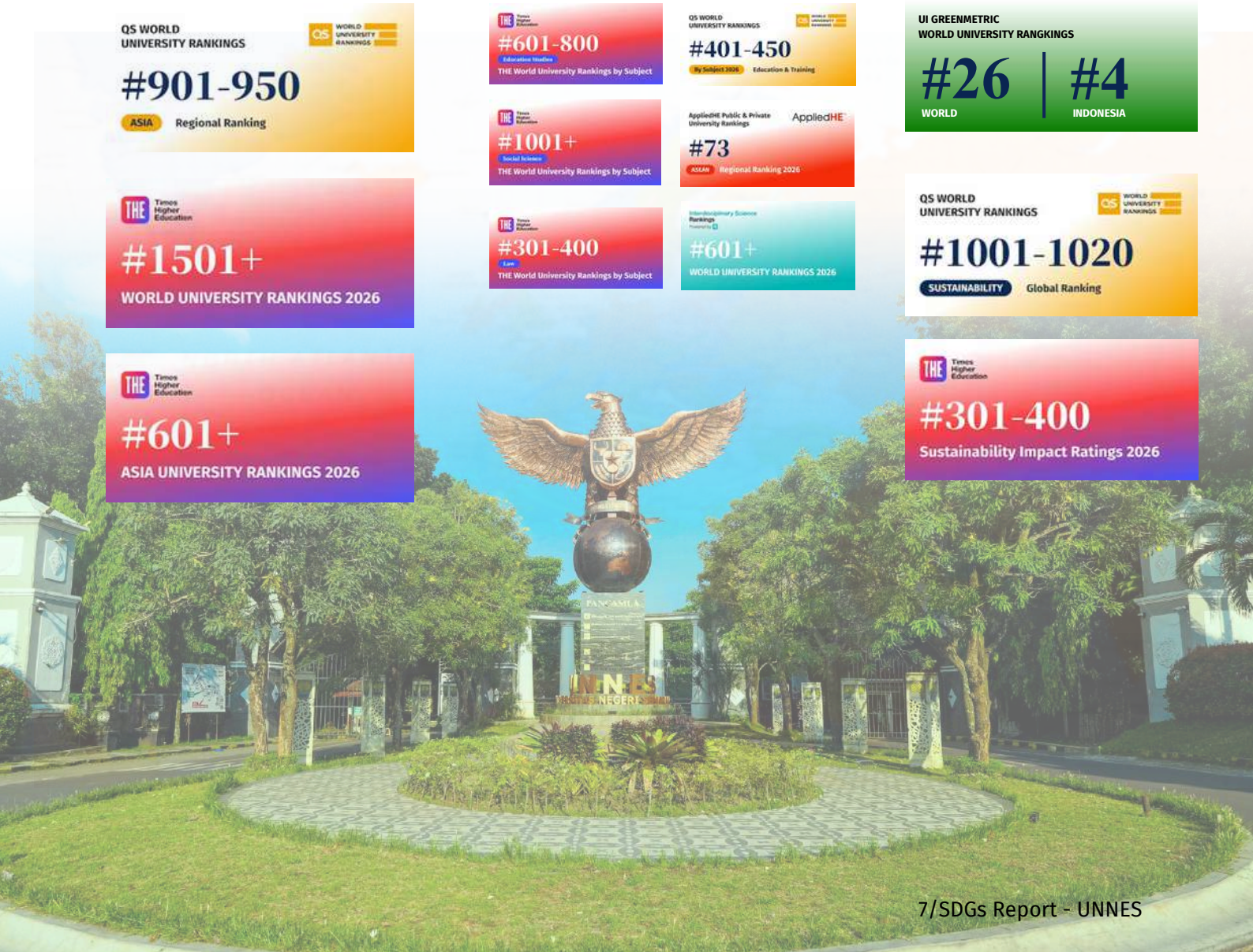
STORIES OF
EXCELLENCE

As a “World-Reputable University” and a “Pioneer of Excellence in Education,” UNNES upholds world-class academic standards and educational excellence to help unlock potentials, master essential skills, and build a bright future to achieve lasting success in a changing world.

World Reputable University

Pioner of Education Excellence

Conservation University



1 NO POVERTY

SDG 1: NO POVERTY

Towards a world without poverty

Proportion of students receiving financial aid to attend university because of poverty

40,770
Number of Students

37,275
Number of Low Income Students Receiving Financial Aid

University anti-poverty programmes

UNNES has an institutional target to admit at least 50% of its students from economically disadvantaged backgrounds. Implementation combines admission capacity planning for KIP Kuliah and other scholarship recipients with affirmative pathways, including an allocation of up to 5% of independent admission capacity. Socioeconomic assessment helps identify financial needs and determine tuition categories. In 2025/2026, UNNES admitted 10,910 new undergraduate and diploma students, including 1,142 first-year KIP Kuliah recipients. DPP scholarships supported 504 students, while Rumah Amal provided tuition and living-cost assistance. In 2025, UNNES reported assistance reaching 37,275 of 40,770 students (91.47%), covering scholarships, tuition instalments, lower tuition categories, research, competitions, and competency certification. These support measures complement the admission target by reducing financial barriers to enrolment and continued study.

UNNES also expands educational opportunities for international students through scholarship programmes governed by Rector Regulation No. 20/2025 and Rector Decree No. T/725/UN37/HK.02/2025. These programmes, including IUP, NEXTShip, KNB, and Indonesian AID, provide tuition waivers and additional financial support for eligible students. In 2025, 15 of 22 IUP and NEXTShip recipients (68.2%) came from low- or lower-middle-income countries, while 39 of 48 new international students received scholarships. Through integrated financial assistance, academic support, and inclusive scholarship policies, UNNES promotes educational equity, student success, and poverty reduction.





1 NO POVERTY

SDG 1: NO POVERTY

Towards a world without poverty

Community anti-poverty programmes

In 2025, Universitas Negeri Semarang (UNNES) supported poverty reduction through community entrepreneurship, business incubation, and productive resource assistance. Key initiatives included establishing the Edelweis Merbabu Joint Business Group, representing nine hamlets, and providing business incubation for 16 cooperatives in Central Java. UNNES also supplied processing equipment to local MSMEs and solar-powered hydroponic technology under Rector Decree No. B/255/UN37/HK.02/2025. These programmes strengthen local entrepreneurship, economic opportunities, and sustainable livelihoods.



UNNES further addressed multidimensional poverty by improving access to essential services and supporting regional development policies. Initiatives included an 8,000-litre rainwater harvesting system, community healthcare services, and sanitation training. UNNES academics contributed to regional poverty alleviation and inclusive development planning, while UNNES GIAT 12 assessed 284 substandard homes to support housing-related planning. Together, these efforts promote community resilience, economic inclusion, and sustainable poverty reduction.

36
NUMBER OF PUBLICATION

1.01
CITATION IMPACT

139
NUMBER OF CITATIONS



2 ZERO HUNGER

SDG 2: ZERO HUNGER

Ensuring Food for All

Campus Food Waste

Universitas Negeri Semarang (UNNES) systematically monitors and manages food waste through its Integrated Waste Management Facility (TPST). Food waste collected daily from campus buildings and public areas is weighed, recorded, and reported by the Green Campus Task Force. In 2025, UNNES recorded 36 tonnes of food waste. Collected food waste is processed into feed for Black Soldier Fly (BSF) larvae, while the resulting residue is utilized as organic fertilizer. This initiative supports waste reduction, resource efficiency, and circular waste management practices on campus.

Student Hunger

Universitas Negeri Semarang (UNNES) promotes food security through free meal programmes and affordable, nutritious food for students and staff. In 2025, UNNES supported student food security by distributing 89,500 meal portions, including 84,000 through the Blessed Friday Programme, 4,500 during Ramadan, and 1,000 sacrificial meat packages during Eid al-Adha. Campus canteens also provide nutritious meals at affordable prices, ranging from IDR 8,000 to IDR 15,000 per portion. These initiatives help reduce food insecurity and improve access to nutritious food across the university community.



To ensure food quality and safety, UNNES implements the Clean Kitchen Policy (Circular No. B/28393/UN37/RT.02/2024) and Healthy Canteen Policy (Circular No. B/28400/UN37/RT.02/2024). Campus canteens offer diverse menus, including vegetarian and vegan options, supported by local produce and ECOFARM. Additional staff support includes daily meal allowances, free healthy breakfasts, and 660 sacrificial meat packages. These efforts promote nutritional well-being and sustainable food practices across the university.





2 ZERO HUNGER

SDG 2: ZERO HUNGER

Ensuring Food for All

Proportion of graduates in agriculture and aquaculture including sustainability aspects



13,460
Number of Graduates

1,381
Agriculture and Aquaculture, Including Sustainability Aspects

National Hunger

Universitas Negeri Semarang (UNNES) promotes sustainable agriculture and local food security through farmer training, community engagement, and access to university resources. Under Circular Letter No. B/28473/UN37/RT.02/2024, UNNES provides local farmers with access to campus land, laboratories, and research facilities for agricultural development. In 2025, key initiatives included hydroponic greenhouse development in Batang, benefiting 11 local farmers, avocado cultivation training in Kendal, and food-processing innovation for women farmers in Grobogan. Through its ECOFARM living laboratory, UNNES also offers free training in urban farming and agricultural technology, alongside affordable agricultural products and seedlings



Complementing these agricultural development initiatives, UNNES strengthens local food supply chains through Circular Letter No. B/4603/UN37/TU.01.01/2023, which promotes locally sourced food and procurement from local MSMEs for university activities. By connecting farmer empowerment with institutional purchasing practices, UNNES supports local economic opportunities, sustainable food production, and community food security.



85
NUMBER OF PUBLICATION

10.19
CITATION IMPACT

3,586
NUMBER OF CITATIONS

3 GOOD HEALTH AND WELL-BEING

SDG 3: GOOD HEALTH AND WELL-BEING

Health and Happiness for Everyone

Number of students graduating in health professions

1,223

Graduates in Health Professions

Collaborations and health services

Universitas Negeri Semarang (UNNES) promotes health and well-being through local, national, and international partnerships, community outreach, and preventive healthcare services. In 2025, key collaborations included 15 blood donation activities with the Indonesian Red Cross (PMI) and health research partnerships with Sido Muncul, Universitas Hasanuddin, Taipei Medical University, and Monash University. Through its GIAT programme, UNNES deployed 7,256 students across 629 villages in Central Java, supporting health screening, nutrition education, stunting prevention, and community healthcare. Public access to campus sports facilities further encourages physical activity and healthier lifestyles.

UNNES also provides reproductive healthcare, mental health support, and preventive health programmes for students and staff. Rector Regulation No. 117/2024 ensures free mental health services, including counselling, psychotherapy, crisis intervention, and awareness programmes, supported by PUSLAKES, the Counselling Laboratory, and LPPP. Meanwhile, Rector Regulation No. 111/2024 establishes a Smoke-Free Campus policy, reinforced through awareness campaigns and enforcement measures. These initiatives strengthen healthcare accessibility, psychological well-being, and a healthier campus environment.





315
NUMBER OF PUBLICATION

8.41
CITATION IMPACT

15,334
NUMBER OF CITATIONS

SDG 4: QUALITY EDUCATION

Empowering Lives Through Quality Education

Proportion of graduates with teaching qualification

13,460
Number of Graduates

13,155
Gained a Qualification that Entitled Them to Teach at Primary School Level

Lifelong Learning Measures



Open and free UNNES Rumah Ilmu library access.



High school students utilize self-checkout facility in UNNES Rumah Ilmu library.

Universitas Negeri Semarang (UNNES) promotes lifelong learning through free access to educational resources, online courses, and public learning activities. Under Circular Letter No. B/28392/UN37/TA.01.02/2024, the public can access library resources and facilities through free membership. In 2025, UNNES recorded 89,530 public users of educational resources and online learning opportunities. The university also organised 193 free educational events, including 113 public lectures and 80 community events, attracting 19,781 participants. Additionally, UNNES conducted 39 executive education programmes and 54 vocational training activities to strengthen professional skills and lifelong learning.

UNNES extends educational opportunities beyond campus through community outreach and inclusive learning policies. In 2025, programmed outreach activities involved 4,353 students and 188 faculty members across 355 villages in Central Java, complemented by 288 funded community outreach initiatives and 356 educational lectures and demonstrations.



Circular Letter No. B/996/UN37/KP.06.05/2024 on Inclusive and Anti-Discriminatory Campus and Rector Regulation No. 116/2024 on Educational Services for Persons with Disabilities reinforce equitable access to learning.

SDG 4: QUALITY EDUCATION

Empowering Lives Through Quality Education

Proportion of first-generation higher education students



40770
Number of students

11,018
Number of students starting a degree

7,077
Number of first-generation students starting a degree

432
NUMBER OF PUBLICATION

0.83
CITATION IMPACT

1,770
NUMBER OF CITATIONS

5 GENDER EQUALITY

SDG 5: GENDER EQUALITY

Breaking Barriers, Creating Equality

Proportion of first-generation higher education female students

40,770
Number of Students

11,018
Number of students starting a degree

7,077
Number of first-generation students starting a degree

7,046
Number of women starting a degree

4,636
Number of first-generation women starting a degree

Student access measures

Universitas Negeri Semarang (UNNES) promotes gender equality through inclusive admission policies, transparent monitoring, and equal educational opportunities. In 2025, female students represented 63% of total enrolment, compared with 37% male students, reflecting consistent female participation in higher education. Through Satu Data UNNES, the university systematically monitors gender-disaggregated admission statistics. Circular Letter No. B/996/UN37/KP.06.05/2024 on Strengthening Inclusive and Anti-Discriminatory Campus further reinforces equal opportunities in admissions, academic participation, and leadership.



UNNES also conducts school outreach to encourage women to pursue traditionally male-dominated fields, particularly engineering and sports. These initiatives strengthen inclusive access, women's empowerment, and gender equality across academic disciplines.

UNNES also supports women's access to higher education through targeted scholarships, tuition assistance, mentoring, and empowerment programmes. Circular Letter No. B/24820/UN37/KU.00.00/2025 provides a framework for tuition relief and instalment options, while the Cakrawala Muda Scholarship supports female participation in engineering.



5 GENDER EQUALITY

SDG 5: GENDER EQUALITY

Breaking Barriers, Creating Equality

Proportion of senior female academics

3,699
Number of employees

567
Number of senior academic staff



3,274
Number of academic staff

311
Number of female senior academic

Proportion of women receiving degrees

13,460
Number of graduates

13,460
Number of graduates by subject area (STEM, Medicine, Arts & Humanities/Social Sciences)

3,731
Number of graduates: STEM

2,998
Number of graduates: Medicine

6,731
Number of graduates: Arts & Humanities / Social Sciences

8,873
Number of female graduates by subject area (STEM, Medicine, Arts & Humanities/Social Sciences)

2,159
Number of female graduates: STEM



2,145
Number of female graduates: Medicine

4,569
Number of female graduates: Arts & Humanities / Social Sciences

5 GENDER EQUALITY

SDG 5: GENDER EQUALITY

Breaking Barriers, Creating Equality

Measures of women empowerement

Universitas Negeri Semarang (UNNES) promotes women's empowerment, equal opportunities, and protection against discrimination through institutional policies and support services. Rector Regulations No. 115/2024 on Violence Prevention and Handling and No. 124/2024 on Campus Ethics, reinforced by Circular Letter No. B/996/UN37/KP.06.05/2024, establish an inclusive and safe academic environment. UNNES provides complaint mechanisms, victim protection, and gender-responsive mentoring programmes. Female graduates consistently account for 65.6%–67.2% of annual graduates, reflecting substantial women's participation in higher education completion.





UNNES further supports women's academic and professional participation through family-friendly policies and facilities. Rector Regulation No. 122/2024 provides leave entitlements for non-civil-servant employees, while Circular Letter No. B/28401/UN37/RT.02/2024 mandates lactation facilities across university units. The Sekar Nagari childcare centre supports students and employees with young children, helping them balance academic, professional, and family responsibilities. Together with leadership mentoring, counselling services, and protected reporting mechanisms, these initiatives strengthen women's well-being, participation, and advancement within the university.



74
NUMBER OF PUBLICATION

0.86
CITATION IMPACT

302
NUMBER OF CITATIONS

6 CLEAN WATER AND SANITATION

SDG 6: CLEAN WATER SANITATION

Clean Water, Clear Future

Water consumption per person

Universitas Negeri Semarang (UNNES) promotes sustainable water management through systematic monitoring, conservation, and efficient resource utilization. In 2025, daily water availability was 189,379 liters, a 54.1% decrease from the previous period, serving 15,674 campus users. Of this amount, approximately 155,326 liters were consumed daily, representing an 82.02% utilization rate. UNNES also applies ozonation for potable water and filtration for sanitation, ensuring safe water provision while supporting resource efficiency and environmental sustainability.



Water usage and care

Universitas Negeri Semarang (UNNES) promotes sustainable water management through wastewater treatment, recycling, and pollution prevention. Wastewater Treatment Plants (WWTPs) treat laboratory wastewater, while treated ablution water is reused for irrigation. Under Rector Regulation No. 21/2022 on Campus Water Conservation Management, UNNES conducts regular water quality monitoring and pollution prevention. Free drinking water facilities across campus also support safe water access and reduce single-use plastic consumption.



UNNES further promotes water efficiency through sustainable building practices and water-conscious landscaping. The 2025 H-BAT assessment recorded 1,251 of 2,050 water appliances (61.03%) as water-efficient, including sensor-operated taps and dual-flush toilets, aligned with SNI 8153 standards. Campus vegetation and green spaces support water infiltration, soil moisture retention, and reduced surface runoff. These initiatives strengthen water conservation and sustainable campus management.

6 CLEAN WATER AND SANITATION

SDG 6: CLEAN WATER SANITATION

Clean Water, Clear Future

Water reuse

Universitas Negeri Semarang (UNNES) promotes sustainable water reuse through Rector Regulation No. 109/2024 on Water Management, which establishes a framework for water conservation across campus. Key initiatives include rainwater harvesting, ablution water recycling, and wastewater treatment for non-potable uses, such as irrigation, cleaning, and facility maintenance. These measures support efficient water management and reduce reliance on freshwater resources.

UNNES strengthened its water reuse practices in 2025 by operating 43 rainwater storage tanks with a combined capacity of 31,000 liters per full collection cycle, reporting 100% utilization of harvested rainwater. Additionally, approximately 14,870 liters of ablution water were reused weekly, serving around 9,913 users. These measurable initiatives strengthen water efficiency and reinforce UNNES's commitment to sustainable resource management as a Conservation University.

Water in the Community

Universitas Negeri Semarang (UNNES) promotes sustainable water management through community education and conservation programmes. In 2025, outreach activities engaged local communities and schools in rainwater harvesting, water conservation, and efficient water use.



UNNES supports watershed protection through tree planting and management of the 68.42-hectare Special Purpose Forest Area (KHDTK) on Mount Ungaran, designated under Ministerial Decree No. 1134/MENLHK/2024. These initiatives strengthen forest conservation and long-term water security.

UNNES further encourages responsible water use through World Water Day campaigns, water-saving facilities, and the Sustainable Unit Competition. River water utilization for campus irrigation also supports resource efficiency and sustainable water management.

83
NUMBER OF PUBLICATION

10.2
CITATION IMPACT

3,606
NUMBER OF CITATIONS

7 AFFORDABLE AND CLEAN ENERGY

SDG 7: AFFORDABLE AND CLEAN ENERGY

Energy for Tomorrow: Affordable, Accessible, and Clean

Key milestones in the university's energy efficiency governance and action

UNNES advances campus energy efficiency through the institutional circular Letter No. B/12345/UN37/PA.00.00/2024 concerning Green Buildings provides the policy framework for these efforts. Smart building systems cover approximately 72.5%–75.1% of campus floor space, with a reported coverage of 140,953 m². These upgrades have enabled 99.7% LED adoption, along with inverter air conditioners, motion sensors, and compact computers. To support these measures, UNNES uses an energy monitoring system to track electricity supply to identify unusual usage patterns, investigate potential inefficiencies, and take corrective action to prevent energy waste.

72.5% - 75%

of campus floor spaces are covered by energy-smart building systems

Conventional buildings

99.7%

LED system at UNNES





UNNES' support for efficient and clean energy in Central Java's small-scale enterprises

In Kadilangu, Pati Regency, UNNES trained fish farmers to operate 100 Wp solar panel systems. In Jagalan and Sukorejo, it combined solar street lighting installations with community workshops. UNNES provides technology, training, and technical assistance to tofu producers Berkah Hambida and UD Jaya Makmur in Gunungpati, Semarang. The introduction of steam boilers improved production efficiency by 57% and reduced fuel consumption by 49%, while creating cleaner working environments. Through collaboration with PLN's corporate social responsibility program, UNNES also constructed a micro-hydro power plant in Ngesrep Balong, Kendal Regency, to supply clean electricity to coffee farmers.

7 AFFORDABLE AND CLEAN ENERGY

SDG 7: AFFORDABLE AND CLEAN ENERGY

Energy for Tomorrow: Affordable, Accessible, and Clean



Advancing the national renewable energy transition

UNNES links its energy initiatives to a national commitment to achieve net-zero carbon emissions by 2045, formalized through Rector's Decree No. B/3669/UN37/HK.02/2024. The university hosted the Empower Roadshow with PT PLN Indonesia Power (Indonesia's state-owned electricity company), the MPR (People's Consultative Assembly) Goes to Campus seminar on the urgency of energy transition, and the National Carbon Capture, Utilization, and Storage & Energy Transition Seminar, which attracted more than 800 participants from across Indonesia. UNNES also worked with UD Impact Korea through the Indonesian Environmental & Energy Young Entrepreneur Project to recruit and mentor student entrepreneurs in environmental and energy ventures.

1,200 rooftop panels across 14 main buildings

5 electric shuttles and 4 electric golf carts

50 electric bicycles

2,538.9 gigajoule

of total renewable energy generated at UNNES in 2025



Expanding renewable energy generation across campus

UNNES' renewable sources produce approximately 469,960 kWh annually, equivalent to 6.605% of annual electricity consumption. Solar panel installations account for an estimated 469,916 kWh, with more than 1,200 rooftop panels across 14 main buildings. Online energy dashboards support monitoring of solar generation and electricity use. In 2025, solar panels generated 2,538.8496 GJ of recorded solar PV electricity. UNNES also promotes low-carbon mobility through five electric shuttles, four electric golf carts, 50 electric bicycles, electric vehicle charging facilities, and restrictions on fossil-fuel vehicles. UNNES prioritizes investment in renewable energy and low-carbon technologies while divesting from carbon-intensive energy industries, especially coal and oil. Total emissions in 2025 are reduced by around 12% compared to 2024.

187
NUMBER OF PUBLICATION

0.88
CITATION IMPACT

907
NUMBER OF CITATIONS

SDG 8: DECENT WORK AND ECONOMIC GROWTH

Decent Work, Economic Growth

Fair and gender-equitable compensation for all employees

Universitas Negeri Semarang (UNNES) uses the 2025 Semarang City Minimum Wage (UMK) of IDR 3,454,827 per month—approximately IDR 19,970 per hour—as a local compensation benchmark. All employees covered by the university's remuneration system receive compensation above this benchmark through a package comprising basic salary, family and position allowances, holiday and year-end allowances, and remuneration. Rector's Regulation No. 37 of 2023 on the Remuneration System and No. 121 of 2024 on Employee Rewards links incentive payments to employees' Key Performance Indicators (KPIs) to support merit-based compensation and help prevent gender-based income disparities. For outsourced workers, Rector's Regulation No. 123 of 2024 requires service providers to uphold equal employment rights and non-discriminatory treatment. It also protects workers against reductions in income or benefits when providers change, safeguarding income continuity and welfare.

KORPRI: An employee-based union for voice and representation

KORPRI UNNES provides a platform for employee participation, solidarity, and engagement in institutional and community activities. The university also encourages dialogue between employee representatives and management on employment conditions, welfare, and workplace concerns. UNNES recognizes employees' rights to freedom of association and collective bargaining under applicable laws and institutional policies. Eligible academic and non-academic personnel may form, join, and participate in recognized trade unions or employee organizations, with equal access regardless of gender or nationality, subject to applicable membership requirements.

Equality and non-discrimination practices at every employment stage

UNNES maintains a formal anti-discrimination policy covering academic and non-academic personnel. It prohibits discrimination in recruitment, appointment, remuneration, promotion, professional development, work assignments, and other employment decisions on grounds including religion, sexual orientation, gender, age, refugee status, and other characteristics protected under applicable regulations. Employees may report alleged discrimination through designated channels. Complaints are reviewed under established procedures, with confidentiality maintained where applicable.



8 DECENT WORK AND ECONOMIC GROWTH

SDG 8: DECENT WORK AND ECONOMIC GROWTH

Decent Work, Economic Growth

Campus-free employment exploitation and insecurity

Through Rector's Circular Letter No. B/28484/UN37/HK.09.00/2024 on preventing and raising awareness of human trafficking, UNNES reinforces its commitment to decent work and fundamental labor rights. This commitment includes opposing forced labor, modern slavery, human trafficking, and unlawful child labor. The university supports these protections through awareness-raising, responsible employment practices, monitoring, and reporting of suspected violations in accordance with applicable regulations.

3,274
Employees

3,274
Academic staff

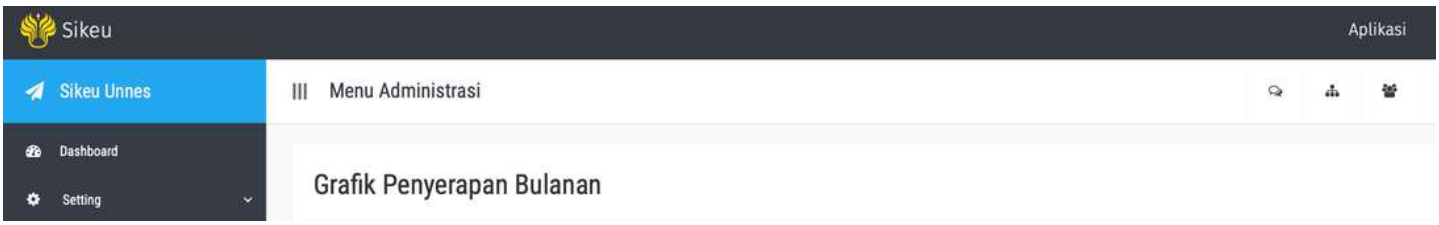
1,657
Employees on contracts of over 24 months

19,323
Students with work placements for more than a month

IDR 98,142,193,692
UNNES' expenditure

Payment transparency and access to review via SIKEU

UNNES supports pay transparency through its digital Financial Information System (SIKEU), which records employee salaries, incentives, and allowances and provides real-time access to individual income information. Integration with the Remuneration and Official Travel Systems enables analysis by gender, faculty, and job category. Periodic evaluations help identify potential gender pay gaps and inform corrective measures, while a Telegram Bot provides timely income updates. Employees may submit appeals through designated channels for review by the authorized unit or official. The process includes examining submissions and supporting documents, issuing a formal response, and allowing further review where applicable. UNNES aims to handle appeals objectively, consistently, and confidentially, with outcomes communicated to employees.



240
NUMBER OF PUBLICATION

2.31
CITATION IMPACT

1,893
NUMBER OF CITATIONS

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

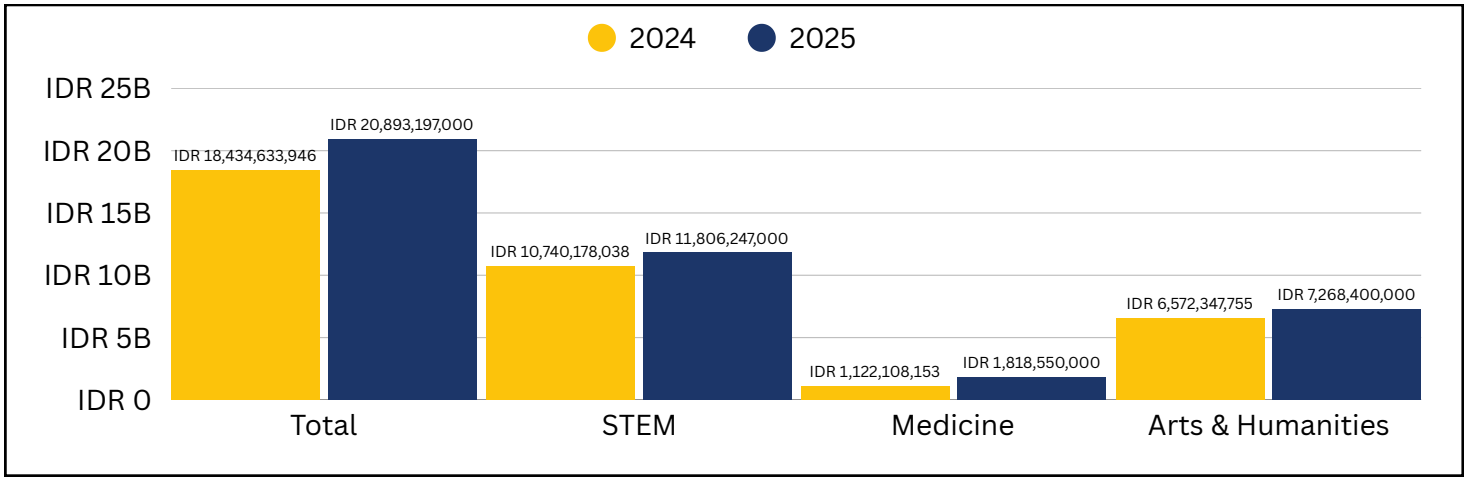
SDG 9: INDUSTRY, INNOVATION, AND INFRASTRUCTURE

Industry and Innovation, Catalysts for Change

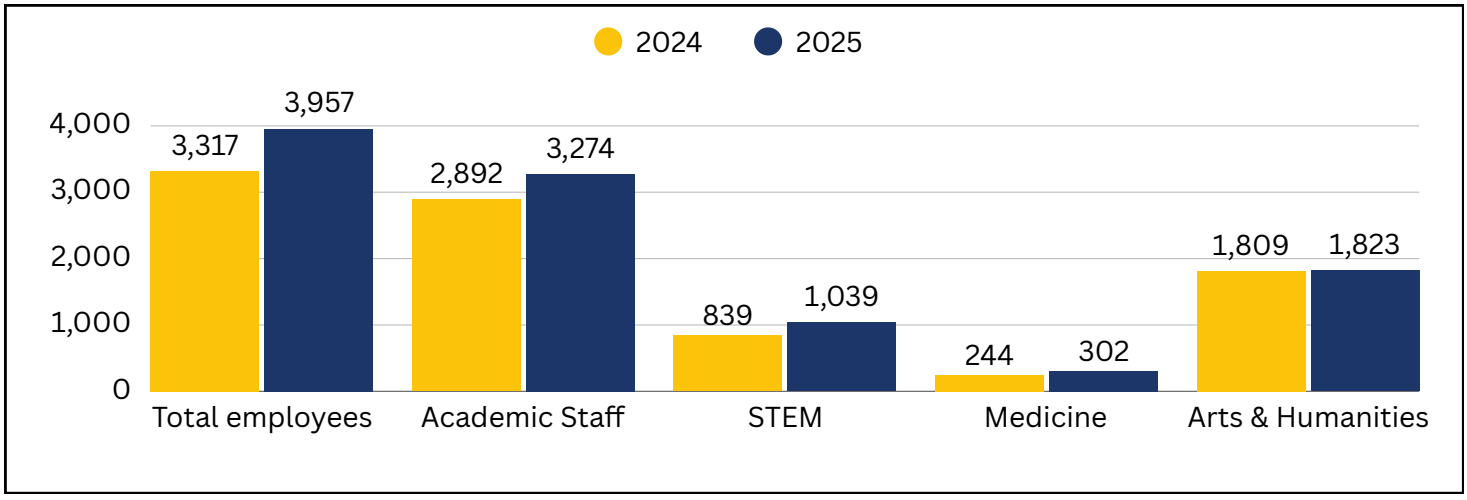
Growth in industry-funded research and university workforce

Research income from industry and commerce increased by 13.3%, from IDR 18.43 billion in 2024 to IDR 20.89 billion in 2025. Growth was recorded across all subject areas, with Medicine reporting the largest percentage increase at 62.1%, followed by Arts & Humanities/Social Sciences at 10.6% and STEM at 9.9%. During the same period, total employees increased by 19.3%, from 3,317 to 3,957. Academic staff numbers rose by 13.2%, from 2,892 to 3,274, with increases across all subject areas.

Research income from industry and commerce by subject areas



Number of employees and academic staff by subject areas



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

SDG 9: INDUSTRY, INNOVATION, AND INFRASTRUCTURE

Industry and Innovation, Catalysts for Change

Startups and spin-offs drive UNNES forward

Based on 2025 data, UNNES recorded 30 startups and spin-offs as part of its knowledge-based research downstreaming, innovation, and entrepreneurship ecosystem. These entities include Homie Geprek Bawang, Best Tea Nusantara, Digitiket, NanasQu, Mebelika, Smartech, CV Sekar Techno Park, CV RITSS, Ecos (Ecoprint Omah Sawah), Co SPICE, Diajeng Spa, Pentol Soultan, Moenta, Rayszava Mijun, D'makrons, Slidecenter, Momochio.id, Isclean, Syauna Flowery, Wina Sukses, Shibiru, KoJoYo, Gondo Arum Asri, Hayu @Lumoe, Uncrus, Pakar Pedia Edu, Aisy Batik, Kilau Kids Akademi, Pondok Ecoprint, and CV Edusarana. Collectively, these 30 startups and spin-offs generated a total annual revenue of IDR 16,343,503,698.57 (approximately IDR 16.34 billion). Several entities stood out for their significant economic scale, including Best Tea Nusantara (IDR 3.23 billion), Digitiket (IDR 2.5 billion), NanasQu (IDR 2 billion), Smartech (IDR 1.8 billion), Homie Geprek Bawang (IDR 1.44 billion), Shibiru (IDR 1.07 billion), and Gondo Arum Asri (IDR 1 billion) per year.

UNNES Researchers Connect Mathematics and Public Health

Dr. Adi Nur Cahyono from the Faculty of Mathematics and Natural Sciences and Dr. Chatila Maharani from the Faculty of Medicine at UNNES presented their research at an international academic forum at the University of Southampton, UK. Their study, "Public Health-related Mathematical Modeling within STEM Trails for Sustainable Future," introduces an outdoor STEM learning model that connects mathematical concepts with public health issues. Developed through the collaborative Public Health-related STEM Trails project, the model supports interdisciplinary learning to address societal challenges and advance sustainable development. The forum brought together professors, researchers, and students from various countries as part of UNNES's academic visit to the UK and Austria from 26 October to 1 November 2025.



218
NUMBER OF PUBLICATION

0.94
CITATION IMPACT

1,156
NUMBER OF CITATIONS

10 REDUCED INEQUALITIES

SDG 10: REDUCED INEQUALITIES

Creating a Fairer World

Integrating equality, diversity and inclusion in student admissions

UNNES promotes equitable admissions through Rector Regulation No. 132/2024 on the 2025 Student Admission Guidelines, prohibiting discrimination based on religion, ethnicity, race, gender, age, social status, physical condition, or economic background. In 2025, UNNES offered ADik Papua, 3T (underdeveloped, frontier, and outermost regions) Affirmation, KIP-K Affirmation, and partnership-class pathways for students from disadvantaged backgrounds, persons with disabilities, and applicants from underserved regions.ADik supports eligible students from disadvantaged regions, while KIP-K assists students from low-income families. In 2025, Recognition of Prior Learning (RPL) and scholarships for Islamic boarding school students covered 1,728 students across programs; eight students received disability scholarships. UNNES's access-monitoring figures record 364 students with disabilities.



1,354
Students received ADik Papua, 3T Affirmation, KIP-K, partnership class pathways

1,728
Students received Recognition Prior Learning and scholarships for Islamic boarding school graduates

8
Students received disablity scholarships

A disability-inclusive campus

UNNES provides ramps, accessible lifts and toilets, tactile paths and a designated disability drop-off area across key campus locations and supports accessible internal transport through designated vehicles and routes. The university continues to expand and standardize accessibility across faculties and administrative units. Established under Decree No. T/3392/UN37/HK.02/2024, the Disability Services Unit (ULD) coordinates academic and accessibility support. During the reporting period, 19 students received assistance, including volunteer support, sign-language learning materials, examination accommodations, mobility assistance, and inclusive career guidance. ULD's 2024 initiatives included a disability guide, student interest and aptitude assessments, and service outreach. In 2025, activities expanded to include inclusive teaching and assessment workshops, volunteer recruitment and training, sign-language training, an accessibility-needs survey, and a disability-friendly campus campaign.





SDG 10: REDUCED INEQUALITIES

Creating a Fairer World

Comprehensive approach to safeguard safety, mental health, and inclusion

Rector Regulation No. 115/2024 prohibits physical and psychological violence, bullying, sexual violence, discrimination, intolerance and policies containing violence. It establishes procedures for reporting, investigation, protection, and support, along with administrative sanctions. Confidential reports can be submitted to the Anti-Harassment Task Force, the UNNES complaint service, or the Lapor portal. Students can access counseling through the e-Counseling Laboratory and PLBPP's Peer Counselor program. The Mental Health Service Task Force, established under Rector's Decree No. T/116/UN37/HK.02/2025, strengthens counseling, support, and referral. Lecturers and education staff can access confidential professional psychological counseling through Lab BK. Faculty of Medicine employee services follow Rector Regulation No. 117/2024 on Mental Health Services. UNNES TV further promotes awareness through coverage of mental health and inclusive education. In 2025, FMIPA's BEM trained peer counselors to support students experiencing mental health challenges or sexual violence.



12,541
Students starting a degree

370
Students with disability

7,077
First generation students starting a degree

11
Employees with disability

42
International students from developing countries



137
NUMBER OF PUBLICATION

3.34
CITATION IMPACT

1,452
NUMBER OF CITATIONS

11 SUSTAINABLE CITIES AND COMMUNITIES

SDG 11: SUSTAINABLE CITIES AND COMMUNITIES

Sustainable Living for All



Preserving heritage through cultural spaces, events, and research

UNNES provides free public access to the historic Postgraduate Building at Bendan Ngisor, temple replicas at FISIP, and Kampung Budaya, which accommodates performances, exhibitions, rehearsals, and cultural education. Other facilities include the LPPM batik gallery, six Faculty of Languages and Arts (FBS) arts pavilions, and Galeri B9, which hosted the "Tumbuh" exhibition in December 2025. Cultural activities include UNNES Menari, the Indonesian Folklore Festival, Festival Dolanan Anak, theatre productions, choir concerts, and the Jai Gayapatri Cultural Festival. In 2025, FBS organized UNNES Mantu to promote Javanese wedding customs and ceremonial language. Students also developed the "Carakaning Nata" dance drama to sustain ritual traditions in Lemahireng Village. UNNES-affiliated researchers examined local knowledge and environmental ethics in the Nyadran tradition in Sruwen Hamlet and published their findings in the UNNES Science Education Journal.

UNNES's mini forests for green spaces and shared well-being

UNNES provides free public access to campus mini forests and green open spaces for recreation, jogging, sports, relaxation, and environmental education. Its mini forests are located in front of the Faculty of Languages and Arts (FBS), south of the Student Activity Center (PKM), in front of the Rectorate Building, around the Faculty of Engineering (FT), near the Faculty of Mathematics and Natural Sciences (FMIPA), and near the Faculty of Sport Science (FIK) football field. The mini forest near the FIK football field is a popular area for physical activity, relaxation, and outdoor recreation among the university community. UNNES's commitment is reinforced by Rector's Regulation No. 126 of 2024 on Green, Clean, and Healthy Campus Management.

Flexible *work from home* (WFH) on Fridays

UNNES promotes flexible work arrangements to improve efficiency and reduce employee commuting. Under Circular Letter No. B/5611/UN37/KP.06.06/2026, employees work from the office Monday to Thursday and from home on Fridays. Lecturers may work remotely on Fridays, coordinated with teaching schedules, provided they maintain teaching activities, public services, and organizational performance. Employees working from home must complete online attendance, while unit heads monitor their presence and performance.



11 SUSTAINABLE CITIES AND COMMUNITIES

SDG 11: SUSTAINABLE CITIES AND COMMUNITIES

Sustainable Living for All

UNNES's path to sustainable mobility

UNNES promotes sustainable commuting through its Green Transportation System and campus policies, including Circular Letter No. B/12345/UN37/RT.02/2024. In 2025, the university set a target to increase sustainable transportation use by 40% by 2026. Twenty free campus shuttle units operate on rotating schedules from 07:00 to 17:00, serving approximately 2,850 passengers daily. UNNES supports non-motorized mobility through bicycle lanes, bicycle parking, and 7.33 kilometers of pedestrian pathways: 3.98 kilometers on the West Campus and 3.35 kilometers on the East Campus. Paid parking in selected areas, along with designated taxis and drop-off zones, helps manage traffic. Electric vehicle charging facilities are available at the Multipurpose Building (GSG) and IT Building parking areas.



University accommodation and housing scheme for students and employees

UNNES provides student accommodation through five university-managed dormitories with 396 rooms. Dormitory use and 2025 tariffs are governed by Rector's Decrees No. B/3677/UN37/HK.02/2024 and No. B/339/UN37/HK.02/2025, respectively. Rates at selected dormitories were IDR 3.9 million annually or IDR 2 million per semester, depending on room type; in 2025, private boarding houses near Sekaran cost approximately IDR 400,000–600,000 per month. The dormitories offer students a university-managed housing option at regulated rates. UNNES also supports employees' access to housing through Koperasi Pegawai Handayani, which offers installment-based financing for home purchases, renovations, and land acquisition. Partnerships with banking institutions, such as BNI, BTN, and Bank Jateng, further facilitate housing finance for lecturers and administrative staff.

163
NUMBER OF PUBLICATION

0.78
CITATION IMPACT

595
NUMBER OF CITATIONS

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

SDG 12: RESPONSIBLE CONSUMPTION AND PRODUCTION

Living Sustainability, Rethinking How We Consume

Ethical and sustainable food procurement and vendors

UNNES procures ethically sourced food and supplies, including cassava, corn, taro, legumes, and sweet potatoes, from local MSMEs, supporting nearby livelihoods. Its annual local food exhibition connects the campus community, food providers, and the public. Vendors must use reusable or biodegradable materials and prioritize sustainable local sourcing.





Combating plastic use across campus

Campus units and canteens are required to replace single-use items with reusable or sustainable alternatives. Events must provide refillable drinking water, and at least 21 refill stations are available across campus. Plastic and styrofoam decorations and souvenirs are prohibited and should be replaced with live plants or renewable materials. The Conservation Sub-directorate monitors compliance through the TPST. In 2025, the TPST managed 28.62 tons of plastic waste, 12.87 tons less than in 2024.

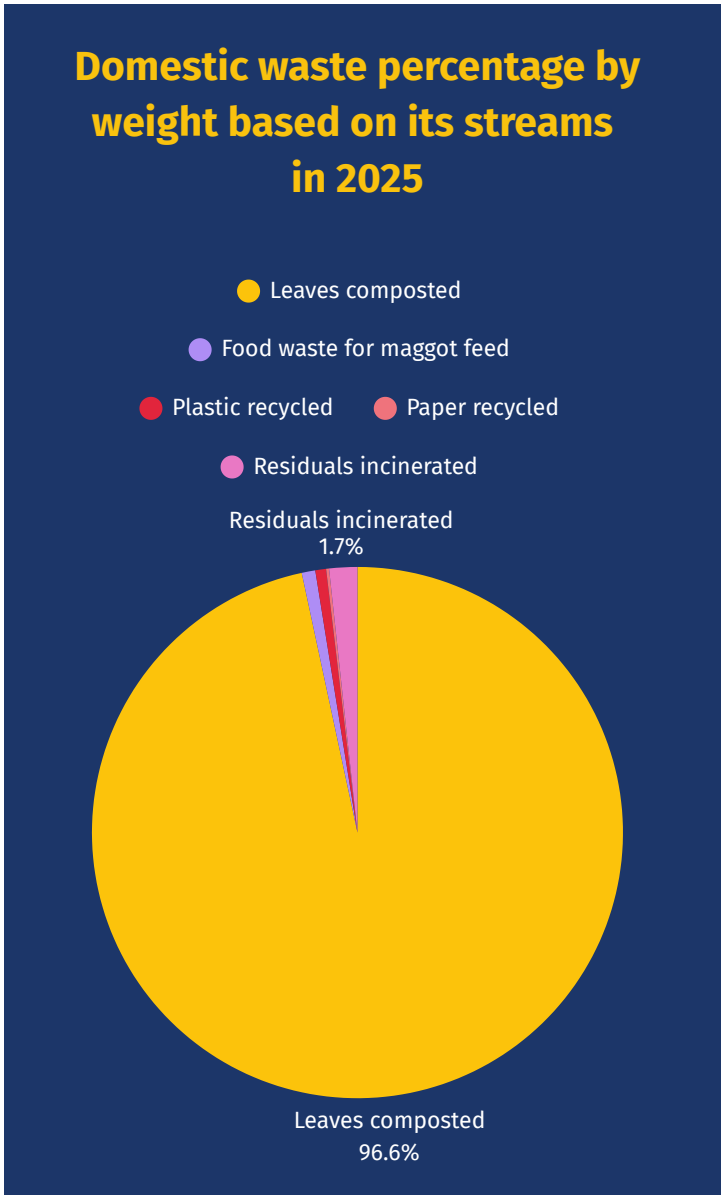


12 RESPONSIBLE CONSUMPTION AND PRODUCTION

SDG 12: RESPONSIBLE CONSUMPTION AND PRODUCTION

Living Sustainability, Rethinking How We Consume

> ***"Since 2019, UNNES has operated as a zero-waste campus, with no waste being sent to municipal landfills"***



Zero waste to municipal landfill by UNNES' Integrated Waste Treatment Site (TPST)

In 2025, UNNES invested IDR 5.8 billion to expand its Integrated Waste Treatment Site (TPST) in response to rising waste volumes. The university generated 4,365.45 tons of waste: 4,217 tons of leaves, 36 tons of food waste, 22 tons of branches and twigs, 28.62 tons of plastic, and 7.83 tons of paper. The TPST processed 4,287.95 tons, equivalent to 98.22% of the total waste generated. This included 36 tons of food scraps converted into feed for maggot cultivation, about 4,217 tons of leaves composted, and 28.62 tons of plastic shredded into pellets for recycled plastic products. Paper was sent off-site to PT Pura Nusantara Persada in Kudus for recycling into new paper products. The remaining 74.5 (1.78%) tons were incinerated: 51.19 tons of leaves unsuitable for composting, 1.31 tons of plastic, and 22 tons of branches and twigs. For hazardous waste, a certified provider, PT Bendi Nasha Niaga Industri, transports hazardous waste to a treatment facility in Banten Province. Four bioremediation units treat laboratory wastewater, while the Integrated Waste Treatment Site (TPST) non-hazardous waste into economically valuable products.

227 NUMBER OF PUBLICATION

1.09 CITATION IMPACT

1,009 NUMBER OF CITATIONS

13 CLIMATE ACTION

SDG 13: CLIMATE ACTION

Saving Our World, One Step at a Time

A Measurable Transition to Low-Carbon Energy

Universitas Negeri Semarang (UNNES) is strengthening its climate response through systematic campus energy monitoring. In 2025, the university recorded 27,194 GJ of total energy consumption, including electricity from the national grid, on-site solar generation, and fuels used in campus operations. This consolidated baseline helps UNNES track energy demand and identify opportunities for greater efficiency.

A Clear Roadmap to Carbon Neutrality by 2045

Under Rector's Decree No. B/3669/UN37/HK.02/2024, UNNES sets phased milestones toward carbon neutrality: net-zero Scope 1 (direct) emissions by 2035; net-zero Scope 2 (purchased-energy) emissions by 2040; and comprehensive carbon neutrality spanning Scopes 1, 2, and 3 by 2045. The framework connects long-term ambition with defined institutional targets.

Solar Power in Numbers

UNNES documented 705,236 kWh (2,538.85 GJ) of solar electricity in 2025, approximately 9.33% of recorded annual energy use. Solar-generation data were compiled from 239 reporting records across 20 monitored locations through the myUNNES-office system, demonstrating traceable institutional measurement of renewable electricity.



Translating Climate Knowledge into Community Resilience

UNNES extends climate action beyond campus through education and local preparedness. In Keji Village, a Geography Education community-service team engaged youth groups and community leaders in disaster mitigation and adaptation education. Through further collaboration with government partners, UNNES supports participatory risk assessment, early-warning planning, evacuation preparedness, and community awareness.

Partnerships for Adaptation and Nature-Based Solutions

The university shares its climate-action framework with government agencies, schools, and community organizations. Cooperation with environmental groups also supports mangrove rehabilitation, coastal resilience, and biodiversity conservation, linking community participation with ecosystem-based approaches to climate adaptation.

98
NUMBER OF PUBLICATION

2.96
CITATION IMPACT

1,542
NUMBER OF CITATIONS

SDG 14: LIFE BELOW WATER

Protecting Our Oceans

Education and Community Capacity Building

In 2025, UNNES continued community-oriented education on freshwater conservation and sustainable aquatic resource use. Its GIAT community service program supported village-level planning for sustainable water systems, while a rainwater-harvesting podcast introduced practical water conservation to high-school audiences in Semarang. Other outreach addressed sustainable fisheries and aquaculture, mobile applications for fishermen, coastal conservation, and aquatic-resource monitoring. Green-school and artificial-lake management workshops, including activities involving SEAMEO BIOTROP, broadened education and knowledge exchange.



Responsible Fisheries and Biodiversity Protection

UNNES promoted responsible fishing practices through stakeholder education, including quota-based fishing training associated with the Mangkang, Tugu, and Tapak coastal areas. Conservation education highlighted risks from overfishing, destructive methods, and unsustainable exploitation. Research and community collaboration also addressed aquatic biodiversity, sea turtle conservation in Cilacap and Kebumen, and habitat protection for vulnerable coastal species. Specific 2025 records on illegal, unreported, and unregulated fishing outreach and species outcomes remain important for substantiating impact.

Mangrove Restoration and Community Partnerships

Coastal restoration featured student-led and collaborative mangrove planting, seedling development, and beach clean-ups across Tirang, Tambakrejo, Mangunharjo, Karimunjawa, Semarang, and Pati. Initiatives described include planting 1,000 seedlings with PT Kawasan Industri Wijayakusuma and the Iling Project, and 7,000 seedlings in Mangunharjo with external partners. Activities involved student associations, local youth, environmental groups, industry partners, and international collaborators, including National Taiwan Normal University. Partnerships with community organizations such as KPL Camar supported coastal education, sustainable aquaculture, and local stewardship.





14 LIFE BELOW WATER

SDG 14: LIFE BELOW WATER

Protecting Our Oceans

Watershed Research and Sustainable Water Systems

UNNES-related research and partnerships addressed water quality, riparian vegetation, and aquatic biodiversity in the Kaligarang, Kreo, Tapak, and Babon river systems, including observations of native fish such as baung, nilem, and wader. Community engagement around Kaligarang and Sekaran also supported river management and campus retention basins. Rainwater harvesting, embung (retention basins), and water-treatment approaches contributed to the university's wider water-conservation framework. A documented, watershed-specific management strategy would strengthen evidence of implementation.



Pollution Prevention, Wastewater and Plastic Reduction

University policies and circular letters provide a basis for water conservation, responsible waste disposal, prevention of land-based pollution entering waterways, and reduced single-use plastics. Campus measures encourage reusable bottles, refill stations, sustainable food containers, clean-up campaigns, and laboratory wastewater management through SOPs and treatment facilities. Relevant policy references include Rector's Regulation No. 21/2019, No. 109/2024 and No. 127/2024, together with 2024 environmental circular letters, subject to confirmation of their current legal status and scope.

Innovation, Industry Collaboration and Evidence Priorities

UNNES's partnerships and innovation platforms offer pathways for GIS, remote sensing, environmental monitoring, green-school innovation, and community-led aquatic conservation. For robust sustainability reporting, 2025 claims should be supported by dated activity reports, participant records, planting and survival monitoring, species inventories, water-quality and wastewater test results, SOP implementation logs, plastic-waste reduction metrics, and evidence of technologies actually deployed by industry partners. These records are necessary to distinguish program commitments from verified environmental outcomes.

54
NUMBER OF PUBLICATION

0.72
CITATION IMPACT

211
NUMBER OF CITATIONS

SDG 15: LIFE ON LAND

Preserving Life on Land

Institutional Conservation Policy and Land Stewardship

Rector Regulation No. 27/2012 establishes biodiversity conservation as a central pillar of campus governance, while Rector Regulation No. 126/2024 integrates ecological considerations into campus development and requires at least 40% green open space. Each student is required to plant and monitor a tree through SIOMON or MyUNNES-Student; 6,176 trees were recorded in 2025 across Indonesia. UNNES manages a 68.42-hectare Special Purpose Forest (KHDTK) on Mount Ungaran for conservation, field learning and research. Campus planning also preserves existing mature trees, as demonstrated during the 2025 FISIP building development.





Habitat Restoration and Measurable Results

In Mangunharjo, Semarang, UNNES and community and industry partners planted 7,000 mangrove seedlings in 2025. Follow-up monitoring documented 6,053 surviving seedlings, equivalent to an 86.5% survival rate. Additional restoration activities include tree planting in the upper Garang Watershed and the Gunung Ledek–Trangkil hills. In Wonolopo, cooperation with PT PLN supported 150 seedlings representing 21 rare-plant varieties, alongside 200 durian and avocado seedlings for productive greening.



Biodiversity Research, Monitoring and Species Protection

UNNES uses research to support evidence-based conservation. A 2025 FMIPA inventory documented 318 trees representing 58 species; a 2024 campus study recorded 10,264 trees. Camera-trap monitoring on Mount Ungaran identified 18 bird and mammal species, including the Critically Endangered Sunda pangolin (Manis javanica). Bird-diversity surveys, flying-squirrel research, rare-plant propagation, and orchid tissue culture further inform biodiversity protection. A consolidated species inventory linked to IUCN and national protection categories would strengthen reporting of species-specific conservation outcomes.

15 LIFE ON LAND

SDG 15: LIFE ON LAND

Preserving Life on Land

Sustainable Food Production and Agricultural Education



Circular Letter No. B/28480/UN37/RT.03.03.00/2024 encourages local and organic food sourcing, sustainable agriculture and fisheries, and environmentally responsible packaging. UNNES EcoFarm applies these principles through vegetable cultivation, fish production, maggot-based organic-waste processing, and composting. In 2025, it produced 1,140 kg of vegetables, including bok choy, mustard greens, water spinach and spinach, with produce also supplied to university staff. Community programs delivered agroforestry, soil and water conservation, water-efficient irrigation, organic fertilizer and environmentally responsible pest-management training in Peron and other partner villages; farmers in Brebes received education on safe pesticide handling and protective equipment.

Community Partnerships and Sustainable Ecotourism

UNNES GIAT, community service and local partnerships connect conservation to livelihoods. AGROSIAGA in Peron Village, Kendal, engaged communities and the Central Java Natural Resources Conservation Agency in wildlife protection, human–wildlife interaction and watershed stewardship. In Ngesrepbalong, Rumat Anggrek combines wild-orchid propagation, community training and educational ecotourism. Participatory GIS mapping identified 75 coffee plots to support land-use planning and tourism development. Complementary activities assisted community-based ecotourism in Padang Sumampir and village tourism planning in Wonosobo and Klaten.



Invasive Species, Pollution Prevention and Waste Management

Rector Regulation No. 113/2024 establishes procedures for invasive alien species risk assessment, prevention, control and quarantine; routine vegetation management and community training on natural weed-control methods support implementation, although species-specific impact monitoring remains necessary. Rector Regulation No. 109/2024 and Circular Letter No. B/28475/UN37/PA.00.00/2024 address water conservation, wastewater treatment, and waterway protection. Campus pond water was sampled in March 2025, but BOD/COD compliance cannot be determined without laboratory results. Regulation No. 125/2024 restricts single-use plastics, while Regulation No. 127/2024 and Circular Letter No. B/28522/UN37/PA.00.00/2024 underpin waste segregation, recycling and safe hazardous-waste handling by authorized providers.

72
NUMBER OF PUBLICATION

0.73
CITATION IMPACT

292
NUMBER OF CITATIONS

16 PEACE, JUSTICE AND STRONG INSTITUTIONS

SDG 16: PEACE, JUSTICE, AND STRONG INSTITUTION

Strong Institutions, Lasting Peace

Representative and Democratic Governance

UNNES operates a 17-member Board of Trustees (MWA) for 2022–2027, bringing together government, university leaders, lecturers, education staff, students, alumni and community representatives. Student members are selected through BEM KM UNNES, lecturers through the Academic Senate and education staff through internal elections. Ministerial Decree No. 74280/MPK.A/KP.08.06/2022 and MWA Regulation No. 2/2023 establish its membership and appointment framework. The MWA supports stakeholder involvement in strategic and non-academic oversight.

Community Consultation and Partnerships

Rector's Circular Letter No. B/28481/UN37/PK.01.03/2024 and the partnership quality procedure guide consultation, partner mapping, cooperation agreements, monitoring and feedback. The Campus Community Forum provides a channel for residents and authorities to address safety, traffic, student conduct and community welfare. In July 2025, UNNES explored legal and policy research cooperation with Batang and Kendal; on 17 November, academics contributed to Central Java's multi-stakeholder Biodiversity Management Master Plan consultation.







Integrity, Academic Freedom and Financial Accountability

Rector's Regulation No. 9/2024 established gratification-control rules and reporting; in 2025 UNNES renewed its control team and issued reporting SOP No. B/903/UN37/HK.02/2025. Anti-corruption outreach took place on 16 April and an Integrity Zone benchmarking visit on 21 July. Rector's Regulations No. 136/2024 and No. 138/2024, reinforced by the revised May 2025 Academic Guide, protect responsible academic freedom. UNNES also published audited 2025 financial statements through its PPID portal on 27 July 2026, reporting unqualified (WTP) audit opinions for 2010–2025.

Student Participation and Institutional Autonomy

In 2025, UNNES recognized 70 student organizations—3 student institutions and 67 Student Activity Units (UKM)—following its initial recognition of more than 1,000 participating students in 2023. Rector's Decrees No. B/56/UN37/HK.02/2025 and No. T/364/UN37/HK.02/2025 supported organizational coordination, advising and management. Student bodies practice leadership elections, activity planning, internal governance and the articulation of student aspirations.

16 PEACE, JUSTICE AND STRONG INSTITUTIONS

SDG 16: PEACE, JUSTICE, AND STRONG INSTITUTION

Strong Institutions, Lasting Peace

Research-Based Policy and Public Institutional Capacity

UNNES researchers supported Karanganyar's waste-management regulation and Surakarta's 2025 climate-adaptation action plan. FISIP UNNES and UGM researched community mental-health services in Temanggung in August–September 2025, recommending coordination, referral and psychosocial-training improvements. Earlier completed work included Semarang's SI-Pasok Pangan study and Magelang's science and technology roadmap; July 2025 discussions with Batang and Kendal remained exploratory. UNNES also trained 25 AKPOL lecturers in PEKERTI (April) and 25 lecturers and staff in Applied Approach (August), strengthening educator—not policymaker—capacity.

Open Academic Dialogue and Civic Engagement

On 3 June 2025, a UNNES academic joined a Central Java governance forum informed by a survey of 529 residents. On 30 July, FISIP UNNES facilitated youth dialogue in Sayung, Demak, addressing freedom of expression, civic engagement, tidal flooding and coastal erosion. These forums supported constructive discussion across academic, public-sector and community groups without partisan endorsement.

247
NUMBER OF PUBLICATION

1.23
CITATION IMPACT

1,246
NUMBER OF CITATIONS



17 PARTNERSHIPS FOR THE GOALS

SDG 17: PARTNERSHIP FOR THE GOALS

United for a Sustainable Future

Policy Partnerships and Biodiversity Governance

In 2025, UNNES contributed scientific evidence and field perspectives to the Central Java Biodiversity Management Master Plan (RIP-KH), developed through a provincial multi-stakeholder process supported by Bappenas and partners including GIZ, ICRAF, SNV and IKI. The DPSIR approach informed assessments of biodiversity pressures, governance gaps and priority landscapes. UNNES advocated verified restoration baselines, ecotourism standards, monitoring and evaluation, and stronger science–policy coordination.

Cross-Sector SDG Dialogue and Knowledge Exchange

On 24 June 2025, UNNES convened an environmental science focus group with DLHK, BKSDA, BRIN, IPB University, consultants, NGOs and alumni, addressing climate resilience, circular economy, conservation and workforce skills. On 17 September, its EIC and VEIC conferences brought together expertise from Indonesia, South Korea, Singapore, Malaysia and Finland through keynote talks and research discussions on sustainable innovation and digital transformation.





International Partnerships and SDG Data

UNNES participated in the IHME-coordinated Global Burden of Disease Collaborator Network, contributing to internationally comparable evidence on diseases, injuries and risk factors relevant to SDG monitoring. With Timor-Leste's National Directorate of Climate Change, UNNES also supported an Integrated Vulnerability Assessment and climate/disaster-risk data for a national vulnerability database. Biodiversity monitoring and CITES-linked scientific assessments complemented this work.

Global Teacher Education and Curriculum Collaboration

Through the DAAD-funded Global Teacher Education Plus (Go-TEd+) programme led with Julius-Maximilians-Universität Würzburg, UNNES served as the sole Indonesian university in a consortium of 12 universities across 12 countries. Joint training, curriculum reviews, research networks and dissemination activities supported comparative teaching practices and the integration of local SDG issues into teacher education.

17 PARTNERSHIPS FOR THE GOALS

SDG 17: PARTNERSHIP FOR THE GOALS

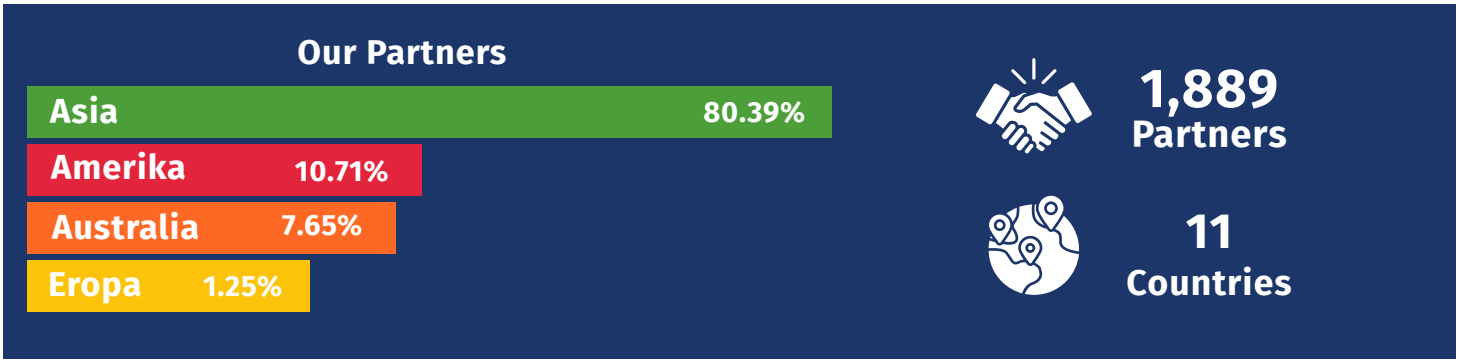
United for a Sustainable Future

University–NGO Conservation Practices

UNNES collaborated with Burung Indonesia, Wetlands International Indonesia, IKAMaT and other civil-society partners in RIP-KH consultations. University research and field evidence were combined with NGO experience in coastal rehabilitation, biodiversity monitoring and community-based conservation to inform provincial recommendations.

Institutional SDG Education and Practical Learning

Rector Regulation No. 76/2025 established UNNES's Outcome-Based, Sustainable, and Impactful Curriculum across study programmes. Compulsory Conservation Education connects topics such as climate change, renewable energy, waste, water and disaster preparedness with project-based learning. Students also document tree planting and maintenance through SiOMON, translating sustainability instruction into monitored action.



Specialised Sustainability Courses

The Bachelor of Environmental Science programme offers compulsory learning in climate change, sustainable planning, renewable energy, environmental management, waste management, industrial ecology and environmental economics, alongside electives including restoration ecology, clean technology and environmental biomonitoring.

Community Outreach and Field Implementation

UNNES extended sustainability education beyond campus through disaster-preparedness instruction, evacuation simulations and early-warning training in Tambakrejo; conservation and ecotourism mentoring around Mount Ungaran; and practical training for women in Pakintelan to turn used cooking oil into environmentally friendly products. These interventions connected university expertise with community resilience and livelihoods.



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