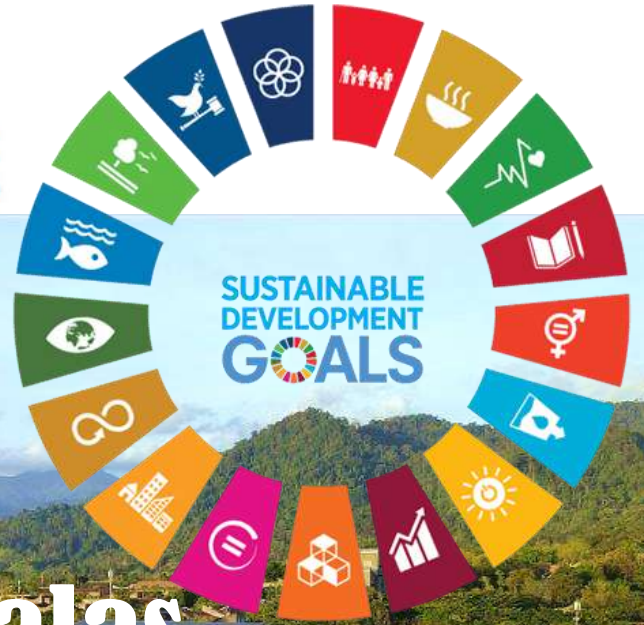




SUSTAINABLE
DEVELOPMENT **GOALS**
17 GOALS TO TRANSFORM OUR WORLD



Universitas Andalas

SUSTAINABLE DEVELOPMENT GOALS (SDG's) REPORT

2023





Preface

As we navigate the intricate web of challenges and opportunities in the 21st century, sustainability stands as a guiding principle for our actions, both locally and globally. At Universitas Andalas, we recognize the immense responsibility we carry as an institution of higher learning to lead by example and foster a culture of sustainability.

This Sustainability Report is a testament to our dedication to this noble cause. It encapsulates our journey, initiatives, and accomplishments in the pursuit of a sustainable future. We believe that by acknowledging our strengths and shortcomings, we can better align our strategies to create a positive impact on our campus, community, and the environment at large.

The past year has been a period of reflection and resilience, with the world facing unprecedented challenges. Climate change, social inequality, and environmental degradation continue to loom large, compelling us to redouble our efforts in fostering a sustainable campus. Through our research, teaching, and operations, Universitas Andalas is committed to driving positive change and building a future where sustainability is at the heart of everything we do.

This report is a collaborative endeavor, made possible by the dedication of our students, faculty, staff, and the wider university community. It outlines our progress, goals, and aspirations in the sustainability of water, waste, transportation, setting infrastructure and education as well.

Universitas Andalas's commitment to sustainability is not just a matter of policy; it is our collective promise to leave a lasting legacy for generations to come. We invite you to explore the pages that follow, where you will find detailed information on our sustainability initiatives and the strides we have made in our journey towards a more sustainable campus and society.

We acknowledge that our work is far from complete, but we are dedicated to the ongoing pursuit of sustainable practices, innovative solutions, and meaningful partnerships. Together, we will forge a path towards a future where Universitas Andalas is not only a center for knowledge but a beacon of sustainable progress.

Thank you for joining us on this journey, as we continue to learn, grow, and contribute to a more sustainable world.

Sincerely,

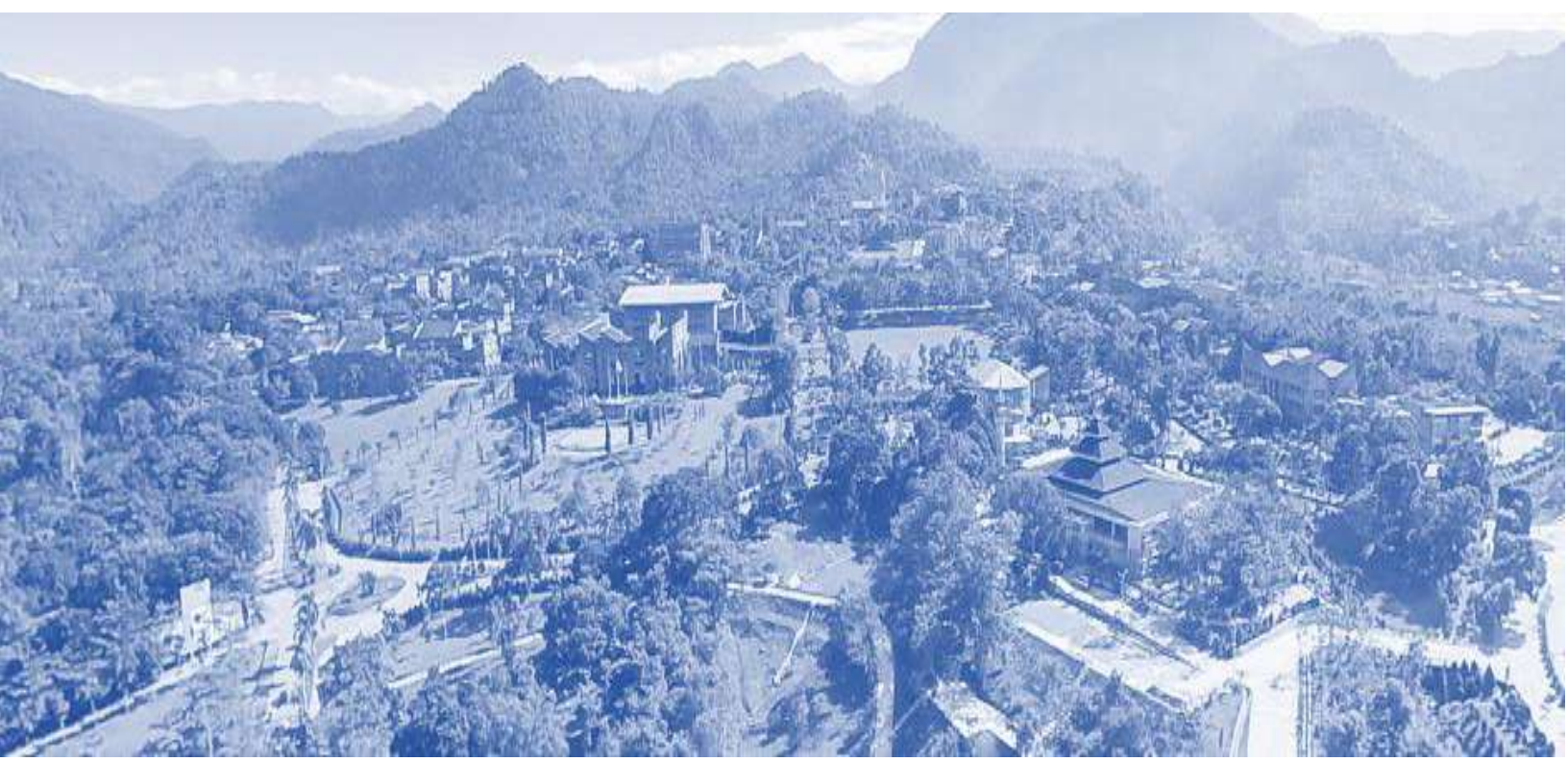
Green Campus Chair of Universitas Andalas



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Setting and infrastructure





The "Ratio of Open Space to Total Area" remains impressively high at over 95%. This indicates that the campus has preserved an extensive amount of open space relative to its total area. Such a ratio signifies a commitment to maintaining green and sustainable areas that contribute to the well-being of the campus community and the environment. These open spaces can serve various purposes, including recreational areas, wildlife habitats, and aesthetic value, promoting a healthier and more sustainable campus.

In terms of forest and planted vegetation, both aspects have seen consistent results from 2022 to 2023. The "Total Area on Campus Covered in Forest Vegetation" continues to be greater than 35%, and the "Total Area on Campus Covered in Planted Vegetation" remains in the range of 10-20%. These numbers signify a substantial commitment to maintaining greenery on campus. Forested areas are critical for biodiversity and carbon sequestration, while planted vegetation adds to the overall green landscape, contributing to aesthetics and environmental quality.

The allocation of space for water absorption besides the forest and planted vegetation is also substantial, remaining in the range of 2-10% in 2023. This indicates a continued dedication to managing stormwater and preventing flooding through sustainable landscape design. Proper water management contributes to environmental sustainability and helps maintain groundwater levels.

The "Percentage of Faculty's Budget for Sustainability Effort" continues to be > 5-10%. This demonstrates a consistent financial commitment to sustainability initiatives within the faculty. These funds can be used for various projects, from energy-efficient upgrades to sustainability awareness campaigns, ultimately contributing to a greener and more sustainable campus.

The "Percentage of Operation and Maintenance Activities of Buildings in One-Year Period" has seen a significant increase in 2023, reaching >75-99%. This represents a substantial allocation of resources to ensure the proper operation and maintenance of campus buildings. This is essential for energy efficiency, safety, and the longevity of the infrastructure, contributing to a sustainable and safe environment.

The availability of "Campus Facilities for Disabled and Maternity Care" has remained partially available and operated in both years. While this signifies a baseline level of support, it might suggest that there is room for further improvements to enhance accessibility and inclusivity on campus.

On the security and safety front, "Security and Safety Facilities" have been consistently available and fully functional in both years. This is vital for the well-being and safety of the campus community, ensuring that individuals can study and work in a secure environment. Similarly, "Health Infrastructure Facilities for Student and Staff Wellbeing" have been accessible and available for public use in both years. This commitment to health infrastructure is essential for the welfare and comfort of students and staff, especially in the event of emergencies.

The "Conservation: Plant, Animal, and Wildlife, Genetic Resources" program has been fully implemented in both years. This signifies a steadfast commitment to preserving biodiversity and genetic resources, which are vital for long-term sustainability and the protection of ecosystems.



Sustainability on setting infrastructure	Year 2022	Achievement in 2023
The ratio of open space to total area. Formula: $((Q1.5-Q1.6)/Q1.5) \times 100\%$	> 95%	> 95%
Total area on campus covered in forest vegetation (please provide total area in m²)	> 35%	>35%
Total area on campus covered in planted vegetation (please provide total area in square meters)	> 10 - 20%	>10-20%
Total area in campus for water absorption besides forest and planted vegetation (please provide the total area in square meters)	> 2 - 10%	>2-10%
Percentage of faculty's budget for sustainability effort. Formula $((Q.1.17/Q1.16) \times 100\%)$	> 5 - 10%	>5-10%
Percentage of operation and maintenance activities of building in one year period	> 5 - 10%	>75-99%
Campus facilities for disable and maternity care	Facilities are partially available and operated	Facilities are partially available and operated
Security and safety facilities	Security infrastructure (CCTV, emergency hotline/button, personnel, fire extinguisher, hydrant) available and fully function	Security infrastructure (CCTV, emergency hotline/button, personnel, fire extinguisher, hydrant) available and fully function
Health infrastructure facilities for students and academic and administrative staff wellbeing	Health infrastructure available (first aid, emergency room, clinic, hospital and certified personel), system and accessible for public	Health infrastructure available (first aid, emergency room, clinic, hospital and certified personel), system and accessible for public
Conservation: plant (flora), animal (fauna), and wildlife, genetic resources for food and agriculture secured in either medium or long-term conservation facilities	Conservation program fully implemented	Conservation program fully implemented

In summary, the data reflects a campus with a strong commitment to sustainability across various dimensions. The maintenance of open spaces, forest and planted vegetation, and water absorption areas underscores a dedication to preserving the environment. Financial investments in sustainability, extensive operation and maintenance activities, and accessible health and safety facilities further contribute to the well-being of the campus community. Lastly, the commitment to conservation initiatives showcases a responsible approach to safeguarding genetic resources and biodiversity. These achievements collectively illustrate a holistic commitment to creating a sustainable and inclusive campus environment.



Energy and Climate Change





First, the "Energy Efficient Appliances Usage" demonstrates a significant improvement, with usage increasing from over 25 - 50% in 2022 to > 50 - 75% in 2023. This signifies a concerted effort to embrace energy-efficient technologies, which not only reduce energy bills but also contribute to lower carbon emissions and a more sustainable campus.

The "Number of Renewable Energy Sources in Campus" also increased from one source in 2022 to two sources in 2023. Diversifying energy sources with renewables like solar, wind, or bio-diesel enhances energy resilience and sustainability. This expansion reflects a growing commitment to reducing reliance on non-renewable energy.

Perhaps one of the most notable achievements is the reduction in "Total Electricity Usage Divided by Total Campus Population." In 2022, the campus's electricity usage ranged from 279 - 633 kWh per person. In 2023, this figure improved to < 279 kWh per person. This substantial reduction in electricity usage per capita indicates not only energy efficiency improvements but also a lower carbon footprint, a significant win for sustainability efforts.

While the "Ratio of Renewable Energy Production Divided by Total Energy Usage Per Year" remained the same at $\leq 0.5\%$, it signifies a continued commitment to incorporating renewable energy into the energy mix, which is crucial for reducing greenhouse gas emissions and promoting sustainable energy.

Additionally, the introduction of "Elements of Green Building Implementation" into construction and renovation policies (with two elements in 2023) is a notable development. These elements can include energy-efficient design, sustainable materials, and efficient HVAC systems, all of which contribute to a greener and more sustainable built environment.

The "Greenhouse Gas Emission Reduction Program" also saw progress, with the program moving from preparation in 2022 to actively aiming to reduce emissions from one of the three scopes (Scope 1, 2, or 3) in 2023. This reflects a practical approach to combatting climate change.

Furthermore, the remarkable decrease in "Total Carbon Footprint Divided by Total Campus Population" from > 0.10 - 0.42 metric tons per person in 2022 to ≥ 2.05 metric tons per person in 2023 is a standout achievement. This indicates a substantial reduction in carbon emissions per capita, demonstrating a successful effort to mitigate climate impact.

The presence of "More than 3 Programs" in "Innovative Programs in Energy and Climate Change" signifies an ongoing commitment to innovation in addressing energy and climate challenges. This innovation-driven approach ensures that the institution remains at the forefront of sustainable energy solutions.

Lastly, the "Impactful University Program(s) on Climate Change" has evolved from being in preparation in 2022 to providing training and educational materials for surrounding communities at the national, regional, and international levels in 2023. This highlights the institution's proactive approach to not only reducing its own carbon footprint but also spreading awareness and knowledge on climate change solutions beyond its campus borders.



Sustainability on energy	Year 2022	Achievement in 2023
Energy efficient appliances usage	> 25 - 50%	> 50 - 75%
Number of renewable energy sources in campus (solar power, bio diesel, wind power, etc)	1 source	2 sources
The total electricity usage divided by total campus population (kWh per person). Formula: $(Q2.6)/(Q1.15)$	279 - 633 kWh	<279 kWh
The ratio of renewable energy production divided by total energy usage per year	$\leq 0.5\%$	$\leq 0.5\%$
Elements of green building implementation as reflected in all construction and renovation policies	None	2 elements
Greenhouse gas emission reduction program	Program in preparation (e.g. feasibility study and promotion)	Program(s) aims to reduce one out of three scopes emissions (Scope 1 or 2 or 3)
The total carbon footprint divided by total campus population (metric tons per person). Formula: $(Q2.11)/(Q1.15)$	> 0.10 - 0.42 metric ton	≥ 2.05 metric ton
The number of innovative program(s) in Energy and Climate Change	More than 3 programs	More than 3 programs
Impactful university program(s) on climate change	Program in preparation	Provide training and educational materials for surrounding communities, at national level, and at regional and international level

In summary, the data underscores a campus's profound commitment to energy sustainability and climate action. The adoption of energy-efficient appliances, diversification of energy sources, and substantial reductions in electricity consumption per capita are significant achievements. Combined with the integration of green building elements and greenhouse gas reduction programs, these efforts indicate a holistic approach to energy efficiency and sustainability. The remarkable decrease in carbon emissions per capita showcases a successful mitigation strategy. The presence of multiple innovative programs and outreach initiatives to the broader community reflect a leadership role in addressing energy and climate challenges, both on campus and beyond.



ROYEKSI KEBUTUHAN LISTRIK



Bangunan dilengkapi instalasi listrik dengan daya yang memadai untuk menunjang seluruh peralatan listrik yang digunakan, minimum 5 VA untuk setiap m2 luas lantai bangunan. Instalasi memenuhi ketentuan Peraturan Umum Instalasi Listrik (PUIL).

NO	RENCANA PEMBANGUNAN	TOTAL LUAS BANGUNAN (M2)	KEBUTUHAN LISTRIK (5 VA/M2)
1	AREA UNIVERSITAS	19069	95345
2	AREA FAKULTAS	133771	668855
3	AREA PENUNJANG TAMBAHAN	72774	363870
TOTAL KEBUTUHAN LISTRIK TAMBAHAN (VA)			1128070
DALAM (KVA)			1128,07



ALTERNATIF PEMASANGAN PANEL SURYA DI LANTAI ATAS & SOLAR FARM

Waste





effectively reducing, reusing, and recycling over 75% of faculty's waste. The achievement for 2023 remains extensive, indicating that the program's success was not just a one-time occurrence but a continuous commitment to sustainable waste management. This is commendable, as it demonstrates a dedication to reducing environmental impact and promoting a culture of responsible waste handling.

The "Program to Reduce the Use of Paper and Plastic on Faculty" is equally noteworthy. In 2022, there were already more than three programs in place, reflecting the organization's awareness of the need to minimize paper and plastic usage. The fact that this situation remains unchanged in 2023 suggests that the institution has not only maintained its existing programs but potentially introduced new initiatives. This underscores the significance of sustainable practices, as more than three programs indicate a multifaceted approach to reducing paper and plastic waste, which can be detrimental to the environment.

When it comes to "Organic Waste Treatment," the data shows that 206.45 tons of organic waste were treated in 2023, achieving an extensive (> 75%) treatment level. Organic waste treatment, often involving composting, is a fundamental element of sustainability as it reduces the volume of waste that goes to landfills and, when done correctly, can yield valuable compost material. Achieving extensive treatment in this area demonstrates a strong commitment to both waste reduction and responsible environmental practices.



In contrast, "Inorganic Waste Treatment" in 2023 achieved a partial (> 50% - 75%) treatment level for 115.22 tons of inorganic waste. While this indicates progress, it suggests that there is room for improvement in enhancing the treatment of inorganic waste. Inorganic waste includes materials like plastics, metals, and glass, which can have a significant environmental impact when not properly managed. This data points to an opportunity to further develop recycling and disposal strategies for inorganic waste.

In the context of "Toxic Waste Treatment," the achievement in 2023 is also partial, with 8.6 tons of toxic waste being partially (> 50% - 75%) treated. Toxic waste poses a severe environmental and health risk if not handled and treated appropriately. While progress has been made, further improvements in the treatment of toxic waste are necessary to minimize potential harm to the environment and the community.

Lastly, the shift in "Sewage Disposal" from conventional treatment in 2022 to secondary treatment in 2023 is significant. Secondary treatment is a more advanced and effective method, often involving biological and chemical processes, to purify sewage. This upgrade signifies an enhanced approach to wastewater management. Proper sewage treatment is essential to protect both the environment and public health. The transition to secondary treatment reflects a commitment to improving water quality and reducing the impact of sewage discharges on local ecosystems.

In conclusion, the data paints a picture of a commitment to sustainability and responsible waste management in 2023. The consistent success of the 3R program, paper and plastic reduction efforts, and extensive treatment of organic waste underscores the organization's



dedication to environmental responsibility. However, there are opportunities for improvement in the treatment of inorganic and toxic waste. The upgrade to secondary sewage treatment reflects a forward-thinking approach to wastewater management, further highlighting the institution's commitment to a cleaner and more sustainable future.

Sustainability on waste	Year 2022	Achievement in 2023
3R (Reduce, Reuse, Recycle) program for faculty's waste	Extensive (> 75% waste)	Extensive (> 75% waste)
Program to reduce the use of paper and plastic on faculty	more than 3 programs	more than 3 programs
Total volume organic waste produced (ton)		
Total volume organic waste treated (tons)		206.45
Organic waste treatment	Extensive (> 75% treated)	Extensive (> 75% treated)
Total volume inorganic waste produced (tons)		115.22
Total volume inorganic waste treated (tons)		115.22
Inorganic waste treatment	Partial (> 50% - 75% of treated)	Partial (> 50% - 75% of treated)
Total volume toxic waste produced (tons)		8.6
Total volume toxic waste treated (tons)		8.6
Toxic waste treatment	Partial (> 50% - 75% of treated)	Partial (> 50% - 75% of treated)
Sewage disposal	Treated conventionally	Treated with secondary treatment*

Water





In 2022, the status of water conservation efforts was rather bleak. It was reported that there was a recognized need for a water conservation program, but nothing had been initiated to address this concern. Fast forward to 2023, and the picture has significantly improved. The achievement now indicates that more than 50% of water has been successfully conserved. This suggests that a comprehensive water conservation program has been implemented and executed effectively. This could involve the installation of water-saving technologies, fixing leaks, and promoting water-conscious behavior among users. This improvement demonstrates a commendable commitment to preserving this precious resource.

In the case of water recycling, the situation in 2022 was quite similar. Despite the acknowledged need for a water recycling program, there was no such program in place. However, in 2023, the achievement states that more than 50% of water is now being recycled. This implies that a water recycling program has been established and is operating successfully. Water recycling involves treating wastewater for reuse, which can greatly reduce water consumption and waste. This shift towards recycling highlights the organization's dedication to sustainable water management and environmental responsibility.

Regarding water-efficient appliances, the 2022 data showed a complete absence of such appliances, despite their recognized importance. However, in 2023, the achievement indicates that over 50% of water-efficient appliances have been installed. This means that a significant portion of appliances in use are now designed to consume less water than traditional models. This not only conserves water but also reduces water-related expenses. It shows a strong commitment to incorporating environmentally-friendly practices in daily operations.

The data related to treated water consumption in 2022 revealed that only 1% to 25% of treated water was being utilized, suggesting potential issues with water quality or availability. In 2023, the achievement represents a considerable leap, with over 75% of treated water now being consumed. This is indicative of substantial progress in water treatment and quality control measures. The improved water quality has likely made a larger portion of water safe for consumption, benefiting both the environment and the health of those using the water.

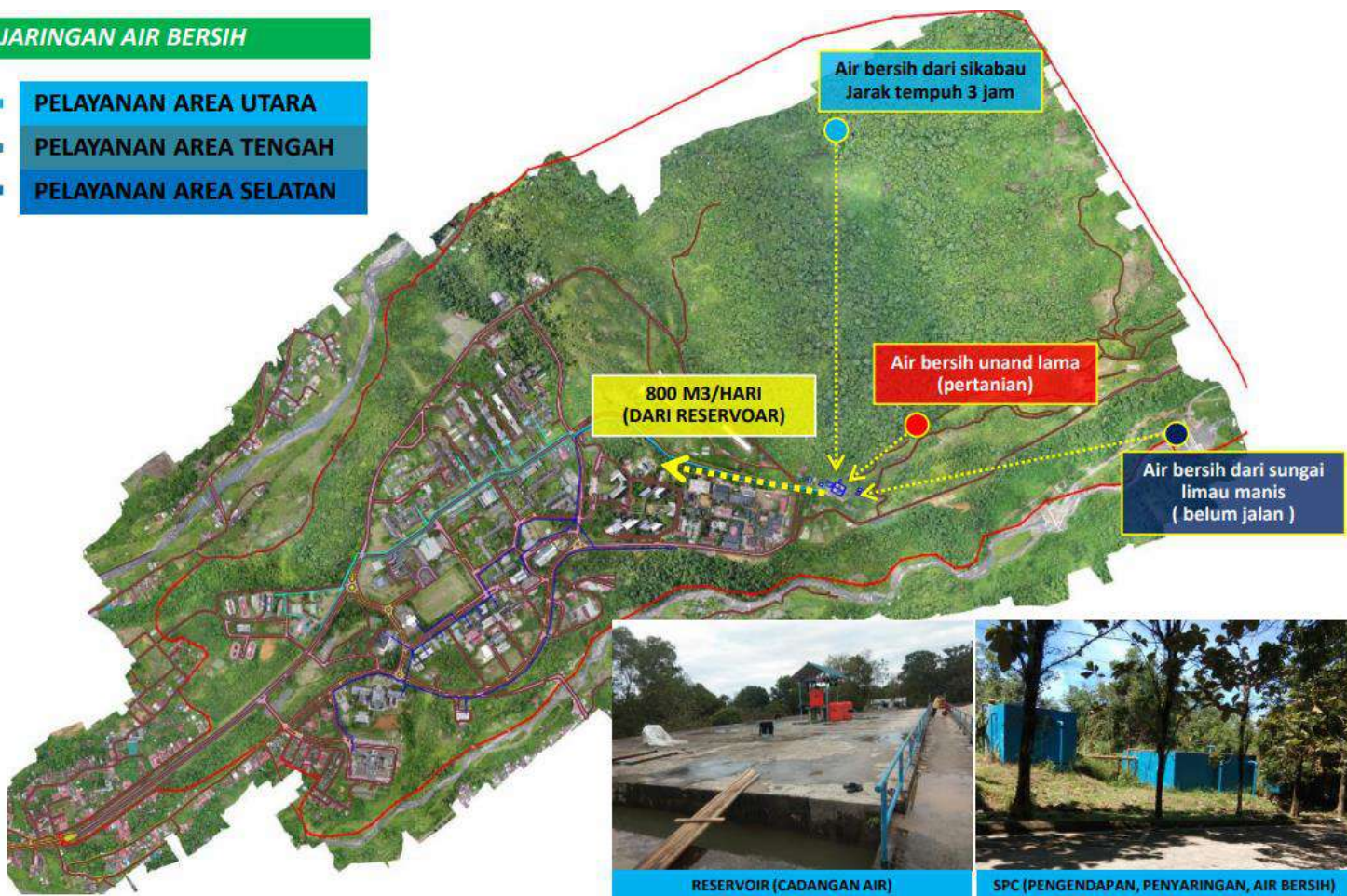
Lastly, water pollution control in the campus area saw noteworthy changes. In 2022, while policies and programs for water pollution control were fully implemented, monitoring occurred only occasionally. However, the 2023 achievement indicates that these policies and programs are now fully implemented and monitored regularly. This shift reflects a heightened level of vigilance and commitment to water quality and environmental protection. Regular monitoring ensures that pollution control measures remain effective and adaptable to changing conditions.

In summary, the data showcases substantial progress in water sustainability efforts from 2022 to 2023. These achievements signify the organization's commitment to better water management, conservation, and environmental responsibility. They not only reduce the impact on the environment but also contribute to cost savings and improved water quality for all stakeholders involved.

Sustainability on water	Year 2022	Achievement in year 2023
Water conservation program and implementation	None (Conservation program is needed, but nothing has been done)	> 50% water conserved
Water recycling program implementation	None (Water recycling program is needed, but nothing has been done)	> 50% water recycled
Water efficient appliance usage	None (Water efficient appliances is needed, but nothing has been done)	> 50% of water efficient appliances installed
Treated water consumed	1% - 25% treated water consumed	> 75% treated water consumed
Water pollution control in campus area	Policy and programs for water pollution control are fully implemented and monitored occasionally	Policy and programs for water pollution control are fully implemented and monitored regularly

DENAH JARINGAN AIR BERSIH

- PELAYANAN AREA UTARA
- PELAYANAN AREA TENGAH
- PELAYANAN AREA SELATAN



Transportation





The "Total Number of Vehicles (Cars and Motorcycles) Divided by Total Campus Population," reveals that the ratio has remained between $> 0.125 - 0.5$ in 2023, indicating that there's still a considerable number of vehicles in relation to the campus population. This suggests that efforts to reduce the reliance on private vehicles haven't led to a significant decrease. Further strategies might be needed to promote alternative transportation methods and reduce the environmental impact of vehicle emissions.

The "Zero Emission Vehicles (ZEV) Policy on Faculty" remained unchanged in 2023, indicating that ZEV use is not practical for faculty members. Practicality could be affected by factors like limited charging infrastructure, cost, or faculty commuting patterns. To promote the use of ZEVs, investment in infrastructure and incentives might be necessary.

The "Total Number of Zero Emission Vehicles (ZEV) Divided by Total Faculty Population" is ≤ 0.002 in both 2022 and 2023. This suggests that the number of ZEVs among faculty has not significantly increased. Encouraging faculty to adopt ZEVs may require incentives, such as financial benefits or improved charging facilities.

The "Ratio of Parking Area to Total Faculty Area" has remained $< 1\%$ in 2023, indicating that a small portion of the campus area is allocated for parking. This suggests a commitment to minimizing land use for parking facilities, which can promote more sustainable land use and potentially encourage the use of alternative transportation.

The "Transportation Program Designed to Limit or Decrease the Parking Area on Campus" saw progress in 2023, with less than a 10% decrease in parking area. This indicates that the preparations in 2022 have led to some reduction in parking space. Such programs can take time to implement and require a balance between accommodating vehicles and promoting sustainable transportation alternatives.

The "Number of Transportation Initiatives to Decrease Private Vehicles on Campus" increased from 1 initiative in 2022 to 2 initiatives in 2023. This highlights the growing efforts to reduce private vehicle usage on campus. These initiatives might include car-sharing programs, increased parking fees to discourage private vehicle use, or improved public transportation services to make commuting without a personal vehicle more attractive.

Lastly, the "Pedestrian Path on Campus" showed an improvement in 2023. The paths were not only designed for safety but also for convenience and, notably, provided with disabled-friendly features in some areas. This enhancement promotes pedestrian-friendly transportation options, making it easier for people to choose walking over driving and ensuring accessibility for all.

In conclusion, the data indicates that the institution is actively pursuing sustainability in transportation. While some aspects have remained relatively unchanged, such as ZEV adoption and the vehicle-to-population ratio, there is clear progress in promoting alternative transportation methods, reducing parking space, and enhancing pedestrian infrastructure. These efforts are integral to achieving a more sustainable and environmentally friendly transportation system on campus. Continued dedication to such initiatives will likely lead to further improvements in the future.

Sustainability on transportation	Year 2022	Achievement in 2023
The total number of vehicles (cars and motorcycles) divided by total campus population.	> 0.125 - 0.5	> 0.125 - 0.5
Zero Emission Vehicles (ZEV) policy on faculty	Zero Emission Vehicles use is not possible or practical	Zero Emission Vehicles use is not possible or practical
The total number of Zero Emission Vehicles (ZEV) divided by total faculty population.	≤ 0.002	≤ 0.002
Ratio of parking area to total faculty area.	< 1%	< 1%
Transportation program designed to limit or decrease the parking area on campus for the last 3 years (from 2020 to 2022)	Program in preparation (e.g. feasibility study and promotion)	Less than 10% decrease
Number of transportation initiatives to decrease private vehicles on campus (e.g. car sharing, charging high parking fees, metro / tram / bus services and etc)	1 initiative	2 initiatives
Pedestrian path on campus	Pedestrian paths are available, and design for safety	Pedestrian paths are available, designed for safety, convenience, and in some parts provided with disabled-friendly features



Limited parking zone for student (Universitas Andalas)

P

ROYEK SI KEBUTUHAN PARKIR SAMPAI DENGAN TAHUN 2030

PERTUMBUHAN JUMLAH DOSEN & MAHASISWA

DOSEN			
NO	TAHUN	JUMLAH (ORANG)	PERTUMBUHAN
1	2015	1404	
2	2016	1385	-1%
3	2017	1368	-1%
4	2018	1337	-2%

SISWA			
NO	TAHUN	JUMLAH (ORANG)	PERTUMBUHAN
1	2015	23413	
2	2016	23512	0%
3	2017	23238	-1%
4	2018	22696	-2%

ASUMSI KEBUTUHAN PARKIR KENDARAAN :

- MOBIL (11.773 ORG) = 35 % (1 MOBIL = 2 ORG)
- MOTOR (16.818 ORG) = 50 % (1 MOTOR = 2 ORG)
- PEJALAN KAKI/ A. UMUM = 15 % (5.045 ORG)

JUMLAH UNIT KENDARAAN :

- MOBIL = 5.886 UNIT
- MOTOR = 8.409 UNIT
- PEJALAN KAKI/ A. UMUM

PROYEKSI PERTUMBUHAN JUMLAH DOSEN & MAHASISWA

NO	URAIAN	TAHUN										
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
1	DOSEN	1456	1471	1485	1500	1505	1520	1535	1551	1566	1582	1598
2	GURU BESAR	147	148	150	151	153	154	156	158	159	161	162
3	TENAGA HONORER	946	955	965	975	984	994	1004	1004	1014	1024	1035
4	MAHASISWA	27921	28200	28482	28767	29055	29345	29639	29935	30234	30537	30842
TOTAL		30470	30775	31082	31393	31697	32014	32334	32648	32974	33304	33637

KEBUTUHAN JUMLAH LUASAN PARKIR

➤ MOBIL = JUMLAH UNIT x SRP
= 5.886 x (2,3 m x 5 m)
= 67.689 M2

SIRKULASI = 0,30 x 67.689 M2
= 20.306 M2

TOTAL = 87.995 M2

➤ MOTOR = JUMLAH UNIT x SRP
= 8.409 x (0,75 m x 2 m)
= 11.772 M2

SIRKULASI = 0,30 x 11.772 M2
= 3.531 M2

TOTAL = 15.303 M2



ALTERNATIF (GEDUNG PARKIR)

KEBUTUHAN
10,32
HA

TERSEDIA

UNIVERSITAS = 3,08 HA
FAKULTAS = 5,11 HA
TOTAL = 8,19 HA

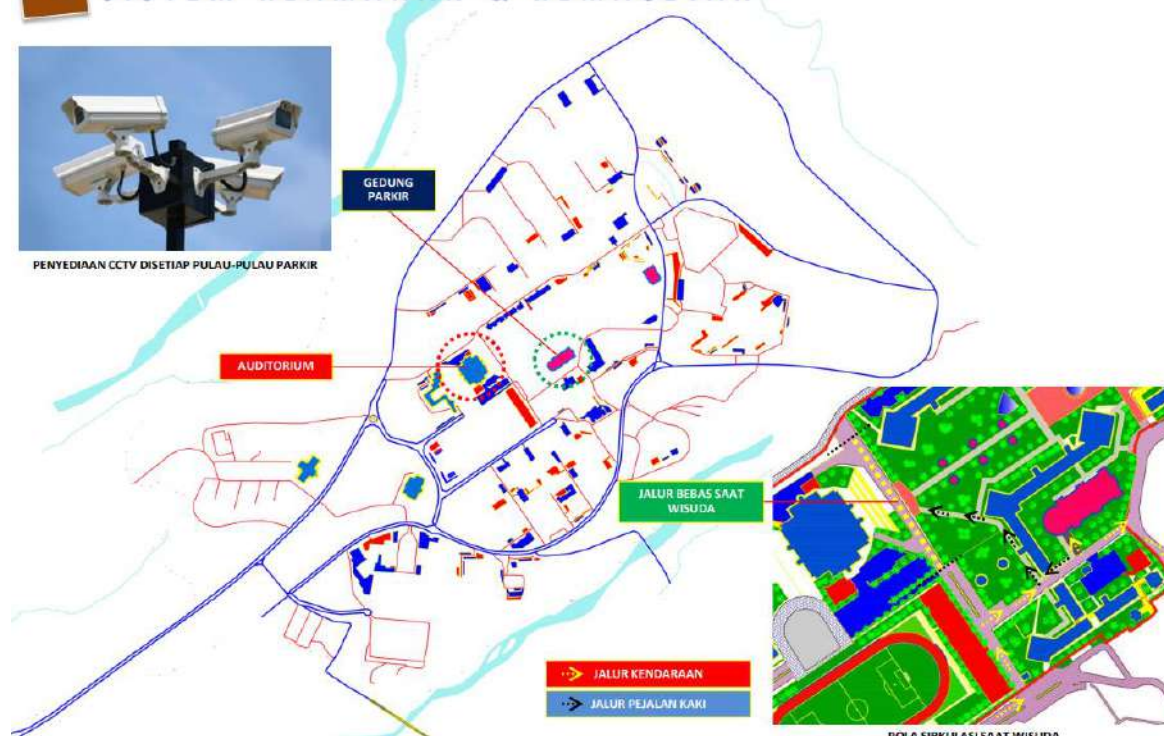
TIDAK MENCUKUPI

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ENCANA SISTEM KEAMANAN & KEMACETAN



PENYEDIAAN CCTV DISETIAP PULAU-PULAU PARKIR



POLA SIRKULASI SAAT WISUDA

Education and Research





The university has demonstrated a robust commitment to sustainability in its academic offerings. While their target was to offer 1509 courses related to sustainability, they came remarkably close by offering 5404 such courses. Moreover, the ratio of sustainability courses to total courses and subjects surpassed expectations, with 59% of all academic offerings incorporating sustainability. This not only indicates the depth of sustainability integration but also underscores the university's dedication to educating the next generation about environmental and societal challenges.

In terms of research, the university's allocation of funds dedicated to sustainability was noteworthy. They channeled an equal amount, 100%, of their research funds into sustainability research, demonstrating a comprehensive approach to addressing sustainability-related issues. The publication of 1800 scholarly articles on sustainability signifies a vibrant research community focused on sustainability solutions, showcasing the university's commitment to advancing knowledge in this critical field.

The university's engagement in sustainability extends beyond academics and research. The organization of 171 sustainability-related events is a testament to the vibrant culture of sustainability awareness and engagement on campus. Student organizations played a pivotal role, with 171 activities dedicated to sustainability, showcasing student involvement and passion for sustainability causes. The availability and maintenance of a dedicated sustainability website with the URL <https://green.unand.ac.id/> provide essential information and resources, fostering transparency and awareness.

The publication of a sustainability report, although lacking a specific URL, is crucial in demonstrating transparency and accountability in the university's sustainability initiatives. This report likely offers insights into the university's sustainability performance, goals, and progress.

The university's involvement in sustainability extends beyond campus boundaries. With 24 cultural activities related to sustainability, the institution is fostering a broader community culture that embraces sustainability. Furthermore, the significant achievement of 36 university programs with international collaborations indicates a commitment to global engagement in sharing sustainability knowledge and practices.

While the target for sustainability-related startups was also entirely met, the presence of 65 such startups highlight an entrepreneurial spirit within the university community, addressing sustainability challenges through innovative solutions.

In summary, the university's 2023 achievements in sustainability are impressive. They have excelled in multiple facets, including academics, research, student engagement, and community outreach. These achievements indicate a robust commitment to addressing environmental and societal challenges, making a positive impact on campus and in the broader community. The university's dedication to sustainability is reflected in its efforts to create a more sustainable and responsible future.



Strategic plan for sustainable education in Andalas University

Sustainable Education in Andalas University	Target in 2023	Achievement in 2023	Target				
			2024	2025	2026	2027	2028
The ratio of sustainability courses to total courses/subjects	Min. 20%	28%	21%	21%	22%	22%	23%
The ratio of sustainability research funding to total research funding	Min. 40%	100%	41%	41%	42%	42%	43%
Number of scholarly publications on sustainability published. (average annually for the past 3 years)	301	1800	305	305	310	310	315
Number of events related to sustainability. (average annually for the past 3 years)	48	171	48	49	49	50	50
Number of activities organized by student organizations related to sustainability per year	11	171	11	13	13	15	15
Faculty-run sustainability website	Website is available, accessible, and updated occasionally	Website is available, accessible, and updated occasionally	Website is available, accessible, and updated regularly				
Sustainability report	Sustainability report is published	Sustainability report is published	Sustainability report is published annually				
Number of cultural activities on campus	4	24	4	6	6	8	8
Number of university program(s) with international collaborations	4	36	4	6	6	8	8
Number of sustainability community services project organised and/or involving students	4	>3	4	6	6	8	8
Number of sustainability-related startups	16	16	16	17	17	18	18

PENILAIAN EKSTERNAL TERHADAP UNIVERSITAS ANDALAS



Kinerja Riset dan Inovasi

Berdasarkan Indeks SINTA (Science and Technology Index), UNAND berada pada posisi 11 Nasional

No	Universitas	Jumlah Author	SINTA Score 3 Yr	SINTA Score Overall
1	Universitas Gadjah Mada	304 Department 3,302 Authors	1.471.541	3.280.328
2	Universitas Indonesia	278 Department 2,879 Authors	858.939	2.139.991
3	Universitas Airlangga	186 Department 2,118 Authors	831.955	1.547.480
4	Institut Pertanian Bogor	179 Department 1,514 Authors	760.204	1.944.135
5	Universitas Padjadjaran	188 Department 2,280 Authors	684.959	1.403.111
6	Universitas Hasanuddin	221 Department 1,926 Authors	596.551	1.096.616
7	Universitas Diponegoro	170 Department 1,864 Authors	594.944	1.485.285
8	Institut Teknologi Bandung	134 Department 1,614 Authors	587.634	1.793.857
9	Universitas Sebelas Maret	183 Department 1,809 Authors	561.760	1.120.690
10	Universitas Brawijaya	180 Department 2,440 Authors	537.948	1.153.498

11	Universitas Andalas	185 Dept. 1,541 Authors	497.591	1.039.286
12	Universitas Udayana	123 Department 2,010 Authors	428.850	992.160
13	Institut Teknologi Sepuluh Nopember	92 Department 1,155 Authors	426.580	945.503
14	Universitas Negeri Semarang	105 Department 1,368 Authors	399.330	1.008.628
15	Universitas Bina Nusantara	55 Department 1,294 Authors	390.928	659.040
16	Universitas Pendidikan Indonesia	173 Department 1,624 Authors	386.168	821.049
17	Universitas Negeri Malang	135 Department 1,389 Authors	355.404	690.521
18	Universitas Negeri Jakarta	114 Department 1,043 Authors	334.114	573.251
19	Universitas Telkom	45 Department 1,057 Authors	332.060	634.180
20	Universitas Pamulang	23 Department 1,699 Authors	327.995	5

Sumber: <https://sinta.kemdikbud.go.id/affiliations>, diakses pada tanggal 5 September 2023

For the Glory of the Nation

UNAND Memperoleh Penghargaan Keunggulan IKU 5 Tahun 2022 untuk Liga PTN-BH yaitu Pencapaian Rasio Tertinggi Penerapan Riset Dosen

PENCAPAIAN INDIKATOR KINERJA UTAMA (IKU)



IKU	URAIAN	2022			2023		
		TARGET TH.2022	CAPAIAN TH. 2022	Peringkat Nasional PTNBH	TARGET TH.2023	TARGET TW2	CAPAIAN S/D TW2
IKU 1	Persentase Lulusan Bekerja/Wiraswasta/Lanjut Studi	60	52.27	13	80	35	13.85
IKU 2	Persentase Mahasiswa Berprestasi dan Berkegiatan di Luar Kampus	25	18.92	8	25	12	2.36
IKU 3	Persentase Dosen Beraktifitas Diluar Kampus	30	20.49	16	30	14	14.3
IKU 4	Persentase Dosen Berkualifikasi	50	49.91	16	50	24	48.72
IKU 5	Rasio Penerapan Riset Dosen	1	759.84	1*	1	0.5	2.16
IKU 6	Persentase Prodi yang Melaksanakan Kerjasama dengan Mitra	50	92.31	3	50	24	26
IKU 7	Persentase Matakuliah Berbasis Kasus dan Proyek	50	29.21	16	50	24	26.29
IKU 8	Persentase Prodi Terakreditasi Internasional	5	28	13	10	4	30





Pelaksanaan
Kegiatan
Penyuluhan
Pengelolaan
Sampah



Penyuluhan
tentang
Pemilahan
Sampah dan
Mekanisme
Bank Sampah



Gerakan
Percepatan
Penurunan
Stunting
Terkait Kelainan
Kulit pada Ibu dan
Anak



Berbagai
Produk Kreatif
Berbahan
Dasar Sampah





REMARKS

Universitas Andalas continues its relentless pursuit and execution of a wide range of initiatives that align with the Sustainable Development Goals (SDGs). The numerous activities and programs conceived by Universitas Andalas are intricately linked to the 17 SDG's goals. These endeavors are conducted in harmony with Universitas Andalas's commitment to realizing its vision of attaining the status of a distinguished research university. This commitment extends to the faithful practice of the Tri Dharma of Higher Education, encompassing education, research, and community service. Furthermore, these various programs and activities evidently harmonize with Universitas Andalas's overarching goal of nurturing a sustainable campus that enhances the process of teaching and learning. The invaluable support from the entire academic community and Universitas Andalas's partners significantly contributes to the effective execution of the planned programs and activities.



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INDONESIA JAYA

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