



Sustainability Report 2023–2024

Introduction

Menoufia National University (MNU) is committed to advancing sustainability in alignment with Egypt's Vision 2030 and the UN Sustainable Development Goals (SDGs). This comprehensive report highlights the University's performance and initiatives under **SDG 3, SDG 4, SDG 7, SDG 12, and SDG 17** during the academic year 2023–2024.

SDG 3 – Good Health and Well-Being

1. Policy and Campus Health Initiatives

Smoke-Free Campus Policy

- Full ban on smoking and e-cigarettes across all indoor/outdoor spaces.
- Free cessation programs and awareness campaigns through the University Medical Center.
- Smoke-free signage installed campus-wide and enforced via disciplinary codes.

Rehabilitation and Health Facilities

Free services provided to students, staff, and community members:

- Dermatology, reproductive health, mental health, neurology, physiotherapy, and rehabilitation.
- **Total beneficiaries (2023–2024):**
 - Dermatology & Reproductive Health: **124 students**
 - Mental Health & Neurology: **72 cases**

2. Community Health Outreach Programs

No.	Activity	Unit	Students	Date	Beneficiaries	Target Group	Objective
1	Orphans' Day celebration	All faculties	50	Apr 2024	35	Orphaned children	Health equity & awareness
2	Blood donation campaigns	All faculties	40	Mar 2024	40	Patients & community	Support liver institute & awareness
3	Training visit – Silo Foods	Vet Medicine	50	May 2024	75	Local community	Health awareness & education



4	Visit – Hourin Village Orphanage	AHS	17	Apr 2024	30	Orphaned children	Health awareness
5	Visit – Al-Hadanah Orphanage	Multiple faculties	15	Jun 2024	25	Disadvantaged children	Health equity
6	School visits to campus	University-wide	—	2023–2024	100	School students	Health and education awareness

3. Health Partnerships

Partner	Level	Collaboration	Outcome
Menoufia University Hospitals	Local	Clinical training & services	Improved training
General Medical Affairs – Governorate	Local	Check-ups & clinic support	Stronger public health engagement
Egyptian Red Crescent	National	First aid & awareness	Student engagement
Tanta University Hospitals	National	Referrals & specialized care	Better access to care
Menoufia Health Directorate	National	Vaccination & public health	Strengthened health initiatives

4. Health Education & Training

- **Scientific events:** medical conferences, Pharm-D herbal medicine events, physiotherapy device innovations.
- **First aid & safety:** workshops for students, OSH seminars.
- **Sports events:** Recreational Sports Day (Oct 2023) and Sports Day (Jul 2024).

5. Research

- **2 published papers (2023–2024).**
- No graduates yet (new university, opened 2022–2023).



- Research incentive programs launched.

6. Summary & Future Plan

Achievements

- Fully smoke-free campus.
- Over **320 beneficiaries** from outreach programs.
- Strong health partnerships.
- Expansion of health services.

Future Plan

1. Expand outreach to rural communities.
2. Enhance collaboration with national health bodies.
3. Launch preventive medicine courses.
4. Strengthen first aid, mental health, OSH training.
5. Upgrade rehabilitation and health digital systems.

SDG 4 – Quality Education

1. Practices & Initiatives

- **Egyptian Knowledge Bank (EKB)** access for public lifelong learning.
- School visit programs to inspire future university students.
- **Vocational training:** Falconry seminars, wildlife care.
- **Art exhibitions** promoting creativity.
- **Educational convoys** on Egyptian civilization, medicine, and engineering.

2. Evidence

Initiative	Date	Participants	Objective
School visit – El-Shaheed Mohamed Saeed School	6 Mar 2023	21+3	Higher education awareness
Falconry seminar – Vet Medicine	28 Apr 2024	Students + public	Vocational skills
Student art exhibitions	Jul & Dec 2024	Students & visitors	Creativity



Cultural exhibition – Medicine	1 Jan 2025	Students & staff	Holistic development
Educational convoy – Ancient Egypt	30 Apr 2024	30+100+	Historical & educational awareness

Additional Data:

- **380 sustainability-related courses.**
- No graduates yet; research incentives implemented.

3. Impact

- Increased public access to education.
- Enhanced vocational and cultural learning.
- Strong student engagement.

4. Partnerships

- Local schools, Falconer Association, Ministry of Higher Education, SCU.

5. Monitoring & Future Plans

- Expand school outreach.
- Increase vocational events.
- Track engagement metrics.
- Grow research output.

SDG 7 – Clean and Affordable Energy

Policy Statements

1. Energy-efficient and low-carbon campus operations.
2. Divestment from carbon-intensive industries.
3. Support for national clean energy strategy.
4. Promotion of low-carbon innovation.

Key Measures

Buildings & Equipment

- LED lighting, HVAC optimization, thermal insulation.
- Retrofitting existing buildings.

Monitoring & Carbon Reduction



- Smart meters, annual carbon reports.
- Solar plans with AOI.

Water & Resources

- Greywater systems, leak detection, sustainable materials.

Awareness

- Workshops and seminars.

Academic Engagement

- Sustainability courses and industrial consultancy.

Current Status (2023–2024)

- **Energy consumption:** 8,982.8 GJ.
- **Carbon emissions:** 2,099.63 mt CO₂.
- **Energy-efficient equipment usage:** 91.5%.

Future Plan Highlights

1. Full smart-building automation.
2. Retrofitted HVAC systems.
3. Enhanced water efficiency.
4. Improved indoor environmental quality.
5. Quarterly energy reporting.
6. Clean-energy research support.

SDG 12 – Responsible Consumption & Production

12.1 Sustainable Procurement

- Mandatory sustainability criteria in all tenders.
- Supplier environmental compliance reports.
- Prioritizing recycled and low-waste products.

12.2 Healthy Food Policy

- 50% plant-based meals.
- Local sourcing.



- Ban on single-use water bottles.
- Composting of organic waste.

12.3 Hazardous Waste Disposal

- Minimal hazardous waste.
- Sterilization via autoclave.
- Disposal through licensed H2M Company.

12.4 Sewage & Wastewater

- Full municipal connection.
- Multi-stage treatment.

12.5 Paper & Plastic Reduction

- University-wide digital transformation.
- 130 recycling bins deployed.

Waste Performance Data (2023–2024)

Type	Generated	Recycled	Landfill
Organic	0.26	0.05	0.21
Inorganic	207.7	102	105.7
Paper	65.5	37	28.5
Plastic	142.2	65	77.2

- 2024 increases due to opening new faculties.

SDG 17 – Partnerships for the Goals

1. Commitment

- MNU adopts multi-stakeholder collaboration for education, research, health, and sustainability.

2. Community Initiatives

- Sinai Liberation Day Marathon.
- Energy conservation seminars.
- Community service and environmental activities.



3. Policies

- Community Engagement & Social Inclusion Policy.
- Academic Partnership Policy.

4. Partnerships

Local

- Schools, governmental bodies, NGOs.

International

- **King Saud University (RSPD2024R583)** – Joint research project.
- **Princess Nourah University** – Diabetic foot ulcer clinical data study (SDG 3).

5. Capacity Building

- Student leadership, entrepreneurship, and innovation programs.
- Faculty development and joint research.

6. Achievements

- Strong community visibility.
- Expanded research partnerships.
- Increased student participation.

7. Future Improvement Plan

- Strengthen NGO partnerships.
- Expand international MoUs.
- Integrate service-learning.