



Northern Border University

Sustainability

Climate Action Plan for Northern Borders University

Northern Borders University (NBU) acknowledges its responsibility to address climate change and its impacts on the environment and society. As a leading educational institution in Saudi Arabia, NBU is committed to implementing sustainable practices that align with its internal policies and contribute to mitigating climate change. This Climate Action Plan outlines strategies and initiatives to reduce greenhouse gas emissions, conserve resources, and promote environmental sustainability across NBU's campuses.

Energy Efficiency:

- Conduct energy audits to identify areas for improvement in energy efficiency.
- Retrofit campus buildings with energy-efficient lighting, HVAC systems, and appliances.
- Encourage the use of renewable energy sources such as solar power for campus operations.
- Implement energy conservation measures, including setting energy-saving guidelines and promoting awareness among staff and students.

Waste Management:

- Establish a comprehensive waste management system that includes recycling, composting, and proper disposal of hazardous waste.
- Install recycling bins across campus and educate the campus community on waste sorting and recycling practices.
- Reduce single-use plastics by implementing policies to minimize their usage and promote alternatives.
- Collaborate with local recycling facilities to ensure proper recycling and disposal of waste materials.

Water Conservation:

- Implement water-saving technologies such as low-flow fixtures and irrigation systems.
- Monitor water usage through metering and implement measures to reduce water wastage.
- Promote awareness campaigns on water conservation practices among students, faculty, and staff.
- Incorporate drought-resistant landscaping and native plant species to minimize water consumption for landscaping purposes.

Transportation:

- Encourage the use of public transportation, carpooling, and cycling among students and staff.

- Provide incentives for using sustainable transportation options, such as designated parking for carpoolers and cyclists.
- Invest in electric vehicle charging infrastructure on campus to support the adoption of electric vehicles.
- Develop transportation policies that prioritize fuel-efficient vehicles and reduce the university's carbon footprint from transportation activities.

Education and Research:

- Integrate sustainability and climate change topics into the curriculum across various disciplines.
- Establish research initiatives focused on climate change adaptation, renewable energy, and environmental conservation.
- Encourage student-led sustainability projects and initiatives through grants and scholarships.
- Organize workshops, seminars, and conferences on climate change mitigation and adaptation strategies.

Campus Greening:

- Increase green spaces on campus through tree planting and landscaping initiatives.
- Establish community gardens to promote urban agriculture and food security.
- Create outdoor recreational areas that prioritize natural habitats and biodiversity conservation.
- Foster a sense of environmental stewardship among students and staff through hands-on learning experiences and volunteer opportunities.

Northern Borders University is dedicated to becoming a leader in climate action and sustainability within Saudi Arabia. By implementing this Climate Action Plan, NBU aims to reduce its environmental impact, promote sustainable practices, and inspire positive change within its campus community and beyond. Together, we can work towards a more sustainable and resilient future for all.

[Faisal bin Sultan witnesses the signing of two memorandums of understanding between the Northern Border University and the Environmental Compliance Oversight Center](https://elasimah.com/50777)

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Today, His Royal Highness Prince Faisal bin Khalid bin Sultan bin Abdulaziz, Governor of the Northern Border Region, witnessed the signing of a memorandum of understanding between the Northern Border University, represented by His Excellency the University President, Dr. Muhammad bin Yahya Al-Shehri, and the National Center for Environmental Compliance Control, represented by the CEO, Engineer Ali bin Saeed Al-Ghamdi.

The terms of the memorandum of understanding, which specified a calendar year, aim to cooperate in preparing and accrediting academic programs (higher diploma, master's, and doctorate) and preparing for environmental professional certificates licensed by the center, as well as preparing research, studies, and scientific consultations related to environmental fields.

The memorandum also aims to cooperate in spreading awareness about environmental commitment, organizing scientific courses, seminars, workshops, events and activities that have a positive impact on the environment, activating volunteer work for university students, and encouraging them to enroll in environmental educational tracks.

While His Highness witnessed the signing of the cooperation agreement between the Saudi Handball Federation, represented by the Chairman of the Board of Directors, Fadel Al Nimr, and the Liaqaa Sports Association, represented by the Chairman of the Association's Board of Directors, Ibtisam Al-Anazi, as the agreement aims to spread the culture of the game, develop and enhance women's sports handball competitions, provide training courses, and establish a team. Handball athlete.

He urged adherence to the principles and concepts of Vision 2030, which, with its directions, goals and programs, must constitute a reference for all plans and activities in the region, in light of the generous support provided by the government of the Custodian of the Two Holy Mosques, King Salman bin Abdulaziz Al Saud, and His Highness the Crown Prince - may God protect them - to all sectors.



The National Center for Vegetation Cover Development and Combating Desertification, in collaboration with Northern Border University, carried out the planting of 1,000 seedlings in the university's courtyards and branches across the provinces. This initiative was undertaken in celebration of Saudi Green Day, observed annually on March 27.

The Saudi Green Initiative aims to implement a long-term, sustainable climate action plan, guided by three overarching objectives: reducing carbon emissions, afforestation and land restoration, and the protection of terrestrial and marine ecosystems.

Northern Border University Retrofitting Project

Launching of Northern Border University Buildings and Facilities Retrofitting Project- Second Phase in corporation with tarshid.

<https://www.tarshid.com.sa/en/tarshid-projects>