



Climate Action Plan (2023-2026)

Purpose

Iqra University is committed to environmental sustainability and has developed a Climate Action Plan (CAP) for 2023-2026 to drive climate-conscious change across campus operations, education, research, and community outreach. The CAP reflects our dedication to achieving Net Zero Emissions by 2030 and addressing pressing climate challenges through impactful actions. This plan also includes initiatives to support and engage local communities, create climate resilience, and offer relief programs. Furthermore, Iqra University aims to leverage research and innovation to support local and national governments in advancing climate solutions.

1. Campus Operations & Emissions Reduction (2023-2026)

To significantly reduce campus emissions, Iqra University will focus on energy efficiency, waste management, water conservation, and sustainable transportation.

Key Initiatives:

- **Energy Efficiency & Renewable Energy:**
 - **Solar Power Installations (2023-2024):** Install solar panels across university rooftops to fulfill at least 25% of electricity needs by 2025, scaling up to 40% by 2026.
 - **Smart Energy Systems (2023-2026):** Implement smart energy systems across all buildings to monitor and optimize energy usage, with a target to reduce consumption by 15% by 2024 and 25% by 2026.
 - **Sustainable Lighting (2024):** Complete transition to LED lighting by 2024 across all campus buildings, minimizing energy waste.
- **Waste Management (3Rs):**
 - **Waste Reduction Targets:** Achieve a 25% reduction in solid waste by 2024 and 50% by 2026 through dedicated recycling, composting, and responsible disposal practices.
 - **Ban on Single-Use Plastics (2023):** Enforce a campus-wide ban on single-use plastics, including plastic bags, bottles, and utensils, with alternative biodegradable options provided.

- **Recycling Infrastructure:** Set up recycling facilities in all buildings and ensure a minimum of 50% waste diversion from landfill by 2026.
 - **Sustainable Transportation:**
 - **Shuttle Expansion (2024):** Extend campus shuttle service routes and include eco-friendly electric vehicles in the fleet to reduce car dependency.
 - **Cycling & Pedestrian-Friendly Campus (2024):** Expand safe pathways, bike racks, and pedestrian zones to encourage sustainable commuting.
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2. Climate-Resilient Infrastructure and Green Spaces

Key Initiatives:

- **Green Building Standards (2023-2026):** Retrofit existing buildings to meet climate resilience standards and LEED-equivalent certifications.
 - **Campus Green Spaces (2023-2025):** Expand green spaces by 20% by 2024, including rooftop gardens and tree planting initiatives to sequester carbon.
 - **Flood & Heat Mitigation (2023-2025):** Use climate-resilient landscaping, including bio-swales and permeable pavement, to prevent flooding and reduce heat effects on campus.
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3. Research, Education & Curriculum Development (2023-2026)

To empower students and faculty, Iqra University will integrate climate-focused content into curricula, fund climate research, and foster innovation.

Key Initiatives:

- **Sustainability Curriculum (2023-2024):** Integrate climate and sustainability topics across all disciplines by 2024, ensuring that all students gain climate literacy.
 - **Research Funding (2023-2026):** Allocate grants for climate-related research, targeting areas like renewable energy, pollution reduction, and adaptation practices.
 - **Innovation Hub (2025):** Launch a dedicated hub for sustainability projects to support student and faculty research in developing impactful climate solutions.
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4. Community Engagement & Awareness Programs (2023-2026)

Iqra University is committed to engaging and supporting local communities in their climate resilience journey, fostering sustainability beyond campus.

Key Initiatives:

- **Climate Awareness Campaigns (2023-2026):** Conduct climate awareness programs with local communities, focusing on eco-friendly practices, waste reduction, and energy conservation.
 - **Public Workshops and Training (2024):** Offer training for local residents on climate resilience practices, waste management, and energy-saving techniques.
 - **School Outreach Programs (2025):** Develop workshops for local schools to educate youth on climate action, promoting environmental stewardship among the next generation.
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5. Disaster Relief & Climate Adaptation (2023-2026)

Iqra University will support communities affected by climate-induced disasters and strengthen adaptive capacities for climate resilience.

Key Initiatives:

- **Relief Fund & Resources (2023-2026):** Maintain a disaster relief fund and essential supplies to aid communities during climate-related crises.
 - **Community Resilience Hubs (2025):** Designate university spaces as resilience hubs during extreme weather events, offering safety, resources, and emergency support.
 - **Adaptive Training (2023-2026):** Provide community workshops on climate risks, preparedness, and resource management to help mitigate the impacts of climate disruptions.
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6. Stakeholder Partnerships, Policy Advocacy & Government Support (2023-2026)

Iqra University recognizes the importance of collaboration and aims to support and influence climate policies through research and partnerships.

Key Initiatives:

- **Collaborative Research Initiatives (2023-2026):** Partner with local and international universities, NGOs, and research organizations to share insights, research findings, and climate solutions.
 - **Government Policy Support (2023-2026):** Provide research-based recommendations to local and national governments to support climate-related policy development and adaptation strategies.
 - **Local Government Collaborations (2024):** Collaborate with local governments on sustainable urban development projects, renewable energy initiatives, and climate-resilient infrastructure.
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- **Climate Advocacy (2025):** Advocate for robust climate policies by presenting research insights and recommendations to policymakers and environmental groups.
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Monitoring and Reporting (2023-2026)

Regular monitoring and transparent reporting are essential to ensure that our Climate Action Plan remains effective and adaptable.

- **Annual Sustainability Report (2023-2026):** Publish annual reports detailing CAP progress, achievements, and areas for improvement.
 - **Real-Time Green Dashboard (2024):** Launch a digital dashboard to showcase real-time data on carbon footprint, waste metrics, water conservation, and energy usage.
 - **Community Feedback Mechanism (2023-2026):** Engage stakeholders through surveys and feedback loops, integrating their input to refine CAP initiatives.
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Conclusion

Iqra University's Climate Action Plan for 2023-2026 underscores our dedication to environmental sustainability, campus resilience, and meaningful community engagement. By combining research, education, policy advocacy, and local collaboration, we aim to inspire climate-conscious action at every level of our institution and beyond. Our commitment to supporting local and national climate policies and programs reflects our dedication to advancing a more resilient and sustainable future.