

Shiv Nadar Institution of Eminence

Climate Action Plan

Shiv Nadar Institution of Eminence aims to achieve net-zero goals by and cultivates a sustainable culture among its faculty, staff, and students by embracing its dual roles as an educational institution and an environmental steward. The university is a part of the National Movement for Net Zero university campuses, U75 and is aligned to the national objective of achieving Net Zero. We have been consistently monitoring the university's carbon footprint since 2018- 2019 and discloses its carbon emissions. By means of these continuous initiatives, the university establishes a standard for environmental responsibility in higher education, opening the door to a more sustainable and greener future for everyone.

As part of our shared Climate action plan, following are the actions planned for 2024 along with their outcomes. These are small steps that we have undertaken towards our goal of net zero.

Areas	Action	Outcomes
Energy generation and consumption	Installing dual fuel kits for DG sets, optimizing fuel mix with cleaner alternatives.	Shiv Nadar (IoE) can significantly reduce emissions from diesel by installing dual fuel kits for diesel generator sets and optimizing the fuel mix with cleaner alternatives thereby reducing operational cost.
Renewable energy	Invest in renewable energy and enhance energy efficiency while monitoring energy markets and considering fixed-rate contracts to stabilize costs.	Adopting 100% renewable energy and energy efficiency strategies helps organizations mitigate energy price risks and reduce Scope 2 emissions.
Supply chain monitoring	Contract with socially responsible suppliers holding Environmental Product Declaration (EPD) certification and utilizing electric vehicles (EVs) for transportation.	By monitoring supply chain operations and working with eco-friendly suppliers, Shiv Nadar University can lower carbon emissions, enhance productivity, and enhance its status as a sustainability advocate, paving the way for fresh partnerships and financial savings.
Water measurement and reuse	Implement a mixed water supply strategy, incorporating municipal water, treated wastewater, and stormwater harvesting to reduce reliance on borewell water.	By addressing climate vulnerability and diversifying water sources, the university can position itself as a leader in sustainability, attracting students and faculty who prioritize environmental responsibility.
E mobility	Transition to electric or hybrid vehicles to reduce emissions and fuel dependency.	Transitioning to electric or hybrid vehicles can lower operational costs, reduce environmental impact, and enhance the university's sustainability credentials, while decreasing reliance on fossil fuels.

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Recycling and waste measurement	Addition of on-campus recycling and incineration units.	By introducing waste management systems on campus, the university has the potential to function as a self-sustainable unit. This program aims to boost recycling rates, cut down on waste produced, and serve as a hub for sustainable research and innovation.
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