



University Vision and Action Plan for Sustainable Development Goals



Affordable and Clean Energy – Ensure access to affordable, reliable, sustainable, and modern energy for all

1. Relevance and Significance

Sustainable Development Goal 7 (SDG 7) emphasizes access to affordable, reliable, and clean energy. DDUGU supports this goal by adopting renewable energy solutions, promoting energy efficiency, and raising awareness about sustainable energy practices. These initiatives contribute to reducing the university's carbon footprint and fostering environmental responsibility.

2. Sustainable Practices

DDUGU supports SDG 7 through various sustainable energy initiatives. A 1000 KWp solar power system generates 3500 units daily, significantly reducing dependence on non-renewable sources. The use of energy-efficient appliances has helped the university save 125 KW units annually. Awareness drives and research in renewable energy engage students and faculty, while continuous monitoring promotes responsible energy consumption campus-wide.

3. Policies and Guidelines

DDUGU has institutionalized sustainable energy practices through dedicated policies promoting conservation and renewable energy use. Regular energy audits help identify improvements, while green building designs ensure energy-efficient infrastructure. The university aligns with national regulations and collaborates with external bodies to foster renewable energy research. Guided by its Environment and Energy Use and Climate Action policies, DDUGU also encourages students and staff to use eco-friendly transport like bicycles and e-vehicles, reinforcing its commitment to sustainability.

4. Outcomes

DDUGU's clean energy initiatives have led to lower energy costs and reduced greenhouse gas emissions. Solar panel installations have decreased reliance on conventional power sources, while conservation efforts have improved energy efficiency. Student-led projects and research in renewable energy have encouraged innovation and hands-on learning, highlighting the university's strong commitment to sustainability across academics and operations.

5. Future Roadmap

To strengthen its commitment to SDG 7, DDUGU aims to scale up its solar power capacity and invest in battery storage for improved energy reliability. The university plans to adopt smart energy management systems and boost collaborations for clean energy research. Community outreach programs on renewable energy awareness will further extend its impact. These initiatives position DDUGU as a proactive contributor to global sustainable energy goals.