

13 CLIMATE
ACTION



UNIVERSITY'S ROLE IN GREEN ENERGY INITIATIVES

The world grapples with the ramifications of climate change, marked by rising global temperatures and unpredictable weather patterns. The anthropogenic release of greenhouse gases continues to exert detrimental effects on our environment and human societies.

In this context, UNAIR is emerging as a vanguard of green initiatives, as showcased by their active engagement in the Universities Climate Conference (IUCC). The university crafted a compelling position paper titled "Mitigating Climate Change through Decarbonization Towards a Green Economy for the Eastern Region of Indonesia." With insights from eminent speakers such as Prof. Dr. Emil Salim, and Owen Jenkins, among others, the IUCC event culminated in a policy document. This paper, imbued with actionable recommendations, was presented to the Indonesia Government, echoing the urgency for strengthened climate commitments.

Further cementing its commitment to green innovation, the Faculty of Advanced and Multidisciplinary Technology (FTMM) at UNAIR, in partnership with the World University Association for Community Development (WUACD), hosted the Sustainable Energy and Green Technology Integrations (SEGTA) 2022 event. This forum witnessed the participation of 31 students spanning 17 countries and 2 continents. Prof. Dr. Retna Apsari, M.Si, Vice Dean of FTMM, illuminated the abundant potential that Indonesia holds in the realm of renewable energy and green technologies, asserting them as key solutions so the looming global energy predicament.

This forward-thinking faculty has pioneered myriad innovations. Noteworthy mentions include spectral drone technology and the rollout of electric bicycles (TRECE). Furthering community outreach and sustainable development, the Airlangga Community Development Hub (ACDH) on Gili Ilyang is now operational. The hub underscores initiatives in natural resource conservation coupled with sustainable economic growth.

UNAIR, through its multifaceted endeavors, is not just amplifying the dialogue on green energy but is shaping a greener, more sustainable future for both Indonesia and the world.

UNIVERSITAS AIRLANGGA PROACTIVE STANCE ON ENERGY CONSERVATION

Amid growing global concern over climate change, a definitive solutions lies in the strategic reduction of energy consumption. Recognizing this critical need, UNAIR has positioned energy conservation at the heart of its environmental mission, ensuring a brighter and sustainable future for the generations to come.

Leading the charge is the “Youth Climate Change” (YCC) initiative, orchestrated by the 2022 Student Executive Board of the Faculty of Science and Technology’s (FST). With a holistic approach to addressing climate change, YCC’s multifaceted programs, from tree planting to engaging webinars and cleanup drives, aim not only to educate but also to catalyze action. Their innovative “Spy and Raid Plastic” (SIDAC) campaign also made headlines, generously distributing eco-friendly tote bags during Bungkul Park’s Car Free Day (CFD), further propagating their green message.

In a tangible nod to their commitment to green mobility, UNAIR has rolled out a fleet of electric golf carts, available across their campuses. With a distribution spanning their Dharmahasada, Dharmawangsa, and MERR, these electric chariots are both an eco-friendly and efficient solution for intra-campus transportation. Their popularity among the student body is evident, with many students taking to social media to share their green commute experiences.

These golf carts, silent yet profound their statement, epitomize the university’s pledge: reducing carbon footprints and promoting an eco-conscious way of life. Through actions both large and small, UNAIR showcases that genuine commitment combined with innovative solutions can forge a sustainable path forward.