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CONSUMPTION
AND PRODUCTION



CHAMPIONING SUSTAINABLE WASTE MANAGEMENT SOLUTIONS

Indonesia grapples with accumulating waste, with annual figures reaching staggering millions of tons. UNAIR has propelled a series of innovative and tech-driven initiatives, steering the country toward effective management solutions.

A standout endeavor is UNAIR's support for waste management in Madiun's green tourist villages. Under the aegis of the Faculty of Law, the university amplifies the 3R paradigm: Reduce, Reuse, and Recycle. Meanwhile, the Faculty of Science and Technology has pioneered a waste-shredding apparatus, handing it over to village administration in Sapeken. This cutting-edge machine can process 30 kg of organic and plastic waste hourly, enhancing the commercial value of plastic by remarkable 120%. What was once deemed economically unviable plastic waste is now repurposed into paving block, exemplifying sustainable transformations.

Furthermore, Faculty of Dental Medicine (FKG) UNAIR's program introduced "Stovit Art", an initiative spotlighting the health implications of waste. Complementing this, a webinar titled "How Environmental Waste Affects Health (Disease & Our Action)" unraveled the intertwining narratives of environmental degradation and health risks, fostering a society more vigilant about waste consumption.

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Innovation doesn't stop there. The Faculty of Economics and Business (FEB) UNAIR clinched second place on Universitas Jember competition, unveiling "Star Box: Zero Waste Food Packaging." This brainchild seeks to valorize agricultural residues, metamorphosing them into eco-friendly food containers—a potential alternative to the environmentally detrimental styrofoam.

Completing this green mosaic, UNAIR has ushered in its Compost House, a testament to its dedication to being an environmentally-conscious campus. Here, organic waste undergoes a metamorphosis, tuning into nourishing compost for campus flora, embodying the institution's mantra of sustainability.

With a mosaic of green endeavors, UNAIR exemplifies the crucial marriage of innovation and sustainability, signaling a promising trajectory for waste management in Indonesia.



EMPOWERING COMMUNITIES THROUGH SUSTAINABLE WASTE INITIATIVES

In an era demanding sustainable practices, UNAIR has championed real-world environmental actions, moving beyond mere awareness to tangible impact.

This past May, the Student Executive Board of the Faculty of Social and Political Sciences (BEM FISIP) spearheaded a consciousness-raising initiative titled “Emas Waste Bank”, integral to the broader Waste Sorting Movement. Orchestrated by BEM FISIP academic community with a heightened sense of environmental stewardship. Nurul Chasanah, a distinguished representative from Surabaya Waste Bank Centre, underscored the transformational power of waste banks. She advocated for these establishments as pivotal levers to recalibrate societal attitudes and underscored the timeless 3R: Reduce, Reuse, and Recycle.

The baton of sustainability was taken further by the KSE UNAIR Scholarships Recipients Associations. In collaboration with KSE ITS and Keputih Farmers' Group, they launched the “Trash Collection Movement” (GPS). Beyond mere collection, the waste sourced was ingeniously repurposed into eco-bricks, heralding an eco-friendly construction paradigm. With the participation of 1,800 KSE scholars across 34 national universities, the scale of this endeavor underscores a nationwide commitment to environmental rejuvenation.

Yet another commendable venture is the “Youth for Climate Change” (YCC) initiative, incubated by the Student Executive Board of the Faculty Science and Technology (BEM FST). Addressing the looming specter of climate change, YCC translates advocacy into pragmatic solutions. Their multifaceted approach ranges from enlightening webinars to hands-on activities like afforestation and waste collection. A highlight of YCC's activism was the trash clean-up crusade at the Jambangan Waste Processing Site on October 16th. Rooted in the ethos of improved waste management, the event amplified the message of proactive environmental engagement.

With these diverse yet interconnected initiatives, UNAIR is not just crafting narratives of sustainability but is architecting a greener future for Indonesia.