

SDG 7

AFFORDABLE & CLEAN ENERGY





ENSURE ACCESS TO AFFORDABLE, RELIABLE, AND CLEAN ENERGY WHILE PROMOTING CARBON AND EMISSION REDUCTION

Harnessing Solar Energy: A Step Towards Sustainable and Clean Campus Lighting

Institut Pendidikan Indonesia is taking significant steps to achieve SDG 7 by **installing solar powered lights across the campus**. This initiative aligns with the university's commitment to utilizing **renewable energy sources to ensure access to affordable, clean, and sustainable energy**. The transition to solar lighting is a cost effective and environmentally friendly solution, which reduces dependence on conventional power sources and contributes to **carbon emission reduction**.

By adopting solar energy, IPI is not only lowering its energy consumption but also fostering a culture of environmental responsibility. This move demonstrates the university's **active role in sustainable development**, helping to reduce operational costs while enhancing the campus's efforts in **carbon footprint reduction**. The installation of solar-powered lights plays a key part in creating a **greener, more energy efficient campus, supporting the broader goals of clean energy access for all**.

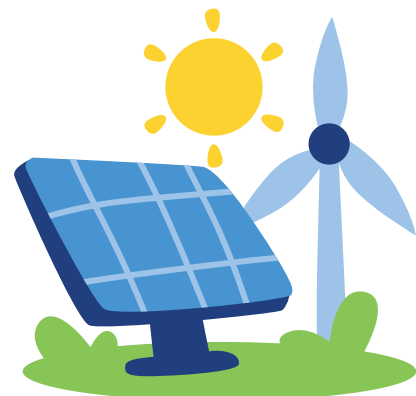


117.420 kWh

Energy Consumption (kWh)

20.684 m²

University Floor Space (m²)



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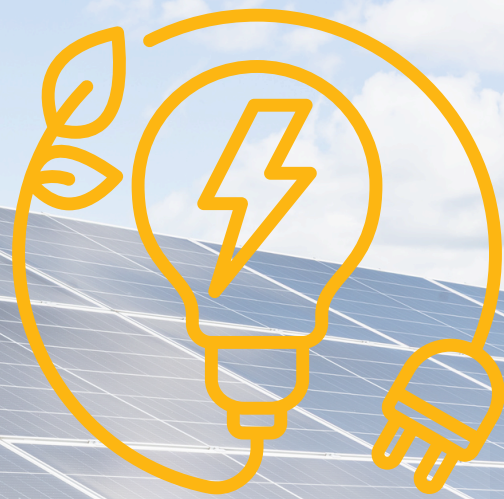
Promoting Sustainable Energy: IPI Garut Hosts Seminar on Eco-Friendly Energy Implementation with PLN Garut

Institut Pendidikan Indonesia, in collaboration with PLN Garut, organized a seminar aimed at educating students about the importance of **green energy and clean, renewable energy**. Held at a local school, the seminar focused on raising awareness among young people about the crucial role sustainable energy plays in preserving the environment and combating climate change. The session highlighted practical applications of **eco-friendly energy solutions** and encouraged students to adopt environmentally conscious practices in their daily lives.

By partnering with PLN Garut, IPI emphasizes its **commitment to SDG 7: Affordable and Clean Energy**. The seminar not only provided valuable knowledge for students but also inspired them to be active participants in the shift towards sustainable energy. This initiative ensures that students understand the **significance of clean energy technologies** and how they can contribute to creating a **more sustainable future, fostering a culture of environmental responsibility from an early age**.



Harnessing Solar Energy for Sustainable Campus Power



Institut Pendidikan Indonesia demonstrates its commitment to **SDG 7 Affordable and Clean Energy** through the implementation of solar panels to generate electricity across campus facilities. By integrating **renewable energy sources** into its power infrastructure, the institution reduces reliance on conventional energy, lowers carbon emissions, and promotes **environmentally responsible energy consumption**. This initiative not only supports the university's operational sustainability but also serves as a **practical example for students and the academic community** of how clean energy technologies can be applied in real world settings. Through the adoption of solar energy, Institut Pendidikan Indonesia advances its mission to create a **more sustainable and energy efficient campus**, while contributing to broader efforts for **accessible, affordable, and clean energy**.



Collaborating for Clean Energy: Institut Pendidikan Indonesia, Star Energy Geothermal & Bakti Barito Foundation



Institut Pendidikan Indonesia strengthens its **commitment to SDG 7 Affordable and Clean Energy** through a strategic collaboration with Pemkab Garut and Star Energy Geothermal to advance the development and utilization of geothermal energy. This partnership leverages the combined expertise of academia, government, and industry to promote clean and **renewable energy solutions**, reduce reliance on fossil fuels, and support **sustainable energy practices** in the region. The initiative also serves as a platform for knowledge exchange, research, and innovation, providing students and researchers with hands-on opportunities to engage in **practical, environmentally responsible energy projects**.



Through this collaborative effort, Institut Pendidikan Indonesia demonstrates how higher education institutions can actively participate in **regional sustainable energy initiatives**. By integrating academic research, policy support, and industrial innovation, the program contributes to **greener energy production**, enhances **environmental resilience**, and strengthens the campus and regional commitment to a **low-carbon and sustainable energy future**. This partnership reflects the university's role not only as an educational institution but also as a proactive stakeholder in promoting clean and **green energy development**.