

## **DDW 6 : Energy Efficiency & Low Carbon Development**

The "Energy Efficiency & Low Carbon Development" workshop focused on strategies to enhance energy efficiency and promote a low-carbon future. The session included six expert speakers who discussed a variety of topics:

1. **Energy Efficiency:** Emphasized as crucial in the energy transition, with discussions on demand-side management, zero energy buildings, and the role of spatial planning in sustainable development.
2. **Green Buildings:** Covered the challenges and opportunities in scaling up zero energy buildings, the importance of energy audits, and the integration of district cooling systems.
3. **Renewable Energy:** Highlighted the progress in Malaysia's solar PV industry, the need for a diverse mix of renewable energy sources, and the significance of energy storage systems (ESS) in modernizing the grid.
4. **Policies & Practices:** Introduced new requirements under the Energy Efficiency Conservation Act (EECA) including Building Energy Intensity (BEI) labeling and stressed the adoption of best practices in energy efficiency.
5. **Urban Planning:** Discussed the integration of climate resilience in urban planning and the importance of green spaces and water bodies in city centers.
6. **Carbon Tax:** The upcoming carbon tax in Malaysia was presented as a tool to encourage corporate responsibility and behavioral change towards reducing carbon emissions.

The workshop highlighted the importance of a collaborative approach among government, businesses and educational institutions to create an ecosystem that supports energy efficiency and sustainability. Attendees were encouraged to actively engage in energy-saving practices both at home and at work.