

DDW 8: Spurring Bioenergy

The panel discussion "DDW8: Spurring Bioenergy" focused on the bioenergy sector in Malaysia. The discussion highlighted the untapped potential of biomass resources, particularly in the palm oil industry, where only a third of the mills are currently equipped with methane capture technology.

Key points included the need for government incentives like the Feed-in Tariff (FiT) to encourage bioenergy projects and the economic and environmental benefits of bioenergy, such as carbon credits and reduced greenhouse gas emissions. Challenges like high moisture content and transportation costs in biomass power plant development were discussed, with proposed solutions like converting empty fruit bunches (EFB) into pellets near mills to reduce costs.

The potential for producing sustainable aviation fuel (SAF) from biomass was also explored, emphasizing the need for advanced technology and government support. Action items included expanding methane capture facilities in palm oil mills, conducting biomass clustering studies, and implementing more supportive policies for bioenergy projects.

Overall, the discussion stressed the importance of innovation and collaboration to fully harness the bioenergy sector's potential in Malaysia's energy transition.