

**Pusat Studi Energi Berkelanjutan – Center for Sustainable Energy Studies
PSEB/Centre-SES STTNAS Sustainable Energy Study Tour & Seminar 2012**

Study Tour, Yogyakarta 12 May 2012

- **Number of Participants** (35 Students & Staffs of all Engineering Departments of STTNAS)
- **Objectives of study tour:**
 1. PSEB/Centre-SES is established to facilitate sustainable energy capacity building and foster collaboration
 2. Explore sustainable energy practices in Yogyakarta province
 3. Foster students interests in future career in sustainable energy area
- **Places visited:**
 1. Pabrik Gula Madukismo, Kasihan Bantul Yogyakarta – Bagasse (Biomass) electricity generation at Madukismo sugar & alcohol factory
 2. PUSPER University of Muhammadiyah (UMY) – Biogas laboratory
 3. Segoroyoso Village, Bantul, Yogyakarta – Biogas farmer
 4. Kuwaru beach: PV & Wind power for ice making for local fishermen



Visit and interaction at PG Madukismo sugar factory



Visit and interaction at Biogas Laboratory (UMY) and Biogas field



Wind and PV systems for ice making at Kuwaru beach, Bantul Regency, Yogyakarta