



Alabama Energy Transformation Initiative (AETI)

University of Alabama (UA) - Energy Alabama



Mission

- Establishing a clean energy education and empowerment program at educational institutes, especially for students underrepresented in STEM
- Just & equitable transition to a clean energy by
 - Diverse and inclusive workforce development
 - Energy efficiency assistance for small and medium sized businesses
- Building a regional network for inclusive energy education, including schools and industry in disadvantaged communities

Capacity and Experience

- NSF Alabama Louis Stokes Alliance for Minority Participation (LSAMP): recruited, educated, and graduated minority students in STEM at UA and partner institutions
- Energy Alabama: taught 12,000+ students energy technology and management since 2014
- Alabama Industrial Assessment Center (IAC): trained 120+ students and conducted 280+ energy assessments since 2007

Planned Activities

1. Participatory Energy Education for Industry Energy Assessment
2. Energy in Action: Outreach for Energy Education & Workforce Training
3. Energy Entrepreneurship Seminars & Field Trips
 - ▶ For Alabama high school and college students underrepresented in STEM with disadvantaged backgrounds
 - ▶ Inclusive network and educational pipeline to support students' career opportunities and workforce development in clean energy fields



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