

Alternative Fuel Policy for Thai Transportation

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Abstracts

Thailand, as many other countries in the world, has faced the challenges on energy security especially the fear of oil shortage to drive economic growth. In order to fight against this, the Thai Government has launched the long-term specific plan to serve as energy security needs and sustainable development, namely, the 10 Year Alternative Energy Development Plan (AEDP 2012-2021) with the aim to increase renewable energy consumption by 25% of its total consumption by 2021. Major renewable energy shares included in the plan is from bio-energy. The goals set for daily usage of ethanol and biodiesel by 2021 are 9 million liter of ethanol, 7.2 million liter of FAME (Fatty Acid Methyl Ester) biodiesel and 3 million liter of advance biofuel. To meet with the target, the Thai government has continuously made serious efforts on public policy to support sustainable growth in the whole value chain of biofuel. Such efforts include but not limit to improving efficiency of feedstock plantation and biofuel production, tax incentives for vehicles and fuel prices.

It is estimated that in 2013, Thailand used about 2.6 million liter of ethanol and 2.88 million liter of FAME biodiesel per day. As for advance biofuel, the Energy Ministry, in cooperation with the Ministry of Science and Technology is focusing on making advance biofuel more prices competitive and sustainable in the future.

Biography

Education:



- B.Eng. (Mechanical Engineering), Kasetsart University, 1976.
- M.Sc. (Technology of Environmental Management), Mahidol University, 1989

Experiences:

- Assistant Director of DANIDA Project.
 - Coordinator of NEDO project (New Energy and Industrial Technology Development Organization).
- Assigned as representative of the Department to join Green Aid Plan (GAP) Committee.
- Working Group Member of Climate Change in Energy Sector as reviewer of OEPP (Office of Environment Policy and Planning).
- DEDE Representative for ESCAP project "Strengthening institutional Capacity to support energy efficiency"
- Advisory Team of the Director General

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