

Perspectives on the Potentials and Renewable Energy Deployment Challenges in Thailand

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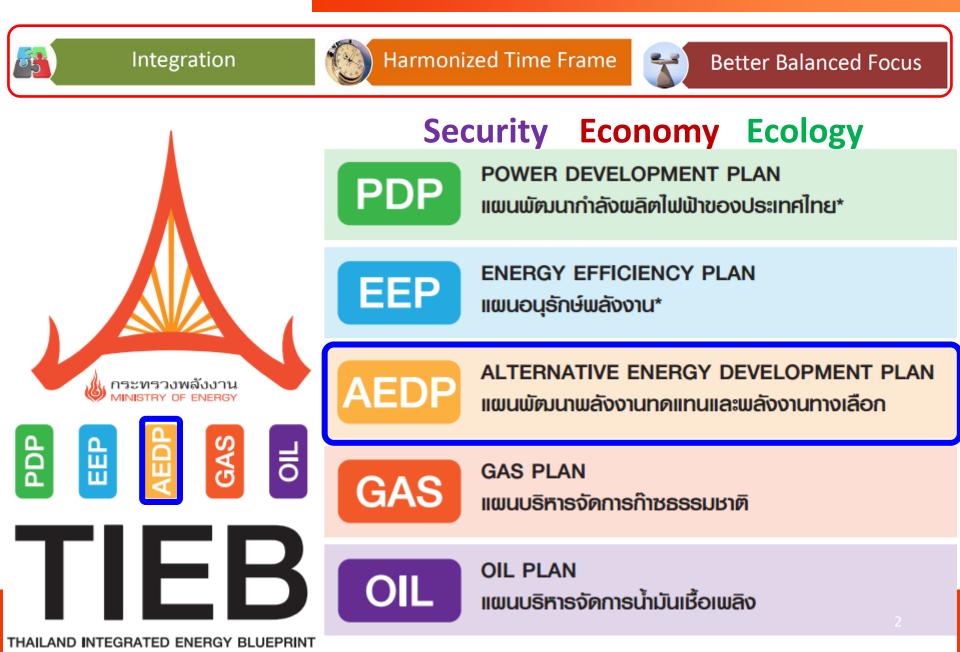
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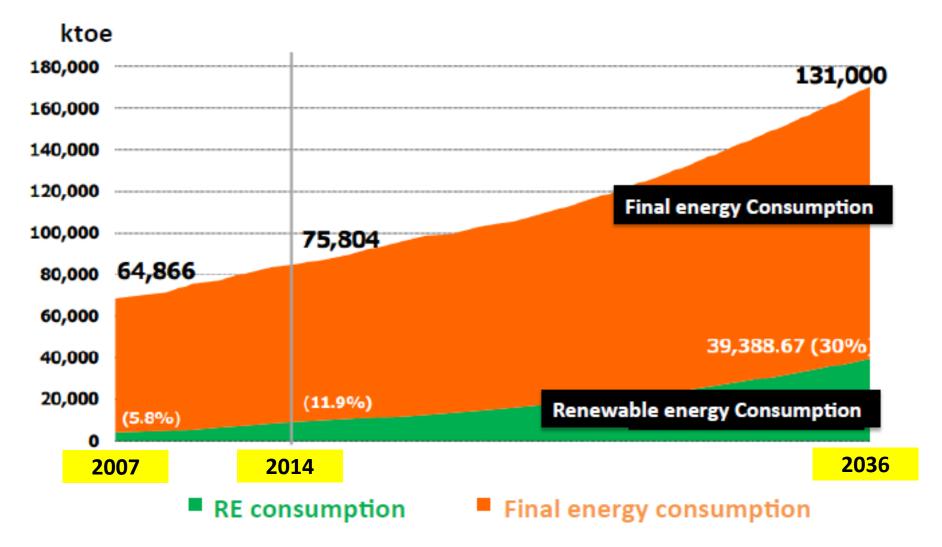


Thailand's Integrated Energy Blueprint (TIEB)



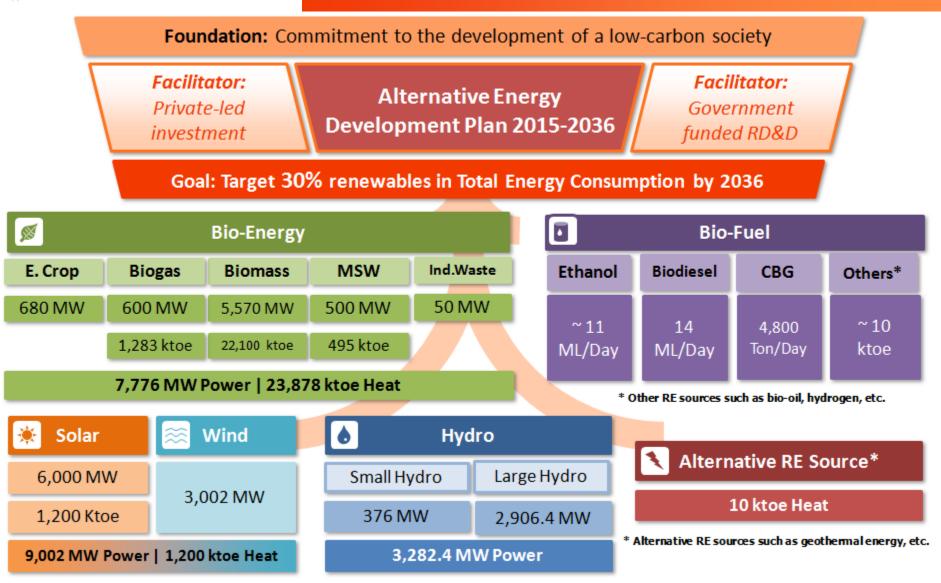


AEDP 2015 target is to achieve 30% Share of RE in Final Energy Consumption by 2036





RE Target Allocation by Fuel Type





Potentials & Challenges on RE Development

1. Market Design

- Access to finance
- Support mechanism (FiT)
- RE Zoning + Reverse Auction
- Market exploration for RE in heat sector

2. RE Resources

- Availability
- Accessibility

(feedstock management, sitespecific resource)

4. Technology Advancement

- Technology cost reduction
- Energy production efficiency improvement
 - Local technology

5. Institutional framework and capacity building

- Readiness for adoption of new technology
 - Inter-ministry coordination

3.Infrastructure power grid stability &

flexibility (VRE issue)

6. Policy & Plan Consistency

Progress tracking of AEDP, PDP, EEP



Thank You