

ERIA's Major Achievements

- Energy and
Disaster Management -

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ERIA Energy studies - A Snap-shot on Key Accomplishments (2007 -2015)

Activity	Number
Research	
Regional Projects	84
Individual country studies	4
Publications	
Books and Reports	47
Discussion papers and other articles	30
Special publications (in cooperation with IEA, IRENA, etc)	3
Major Conferences/Workshops/Policy Dialogues	51
Capacity Building Workshops	3

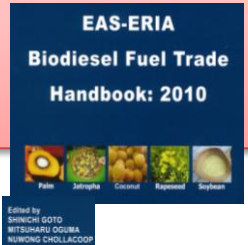
Major Energy Studies at ERIA (2013 -2015)

Energy Efficiency and Conservation

- Energy security index and saving potential
- Smart urban traffic
- Demand side management

Renewables and New Energy Development

- Standardization of biodiesel specification
- Sustainable Geothermal Use
- Low-carbon energy systems



Sustainable Fossil Fuel Use

- Clean coal technology
- Natural gas market development
- Special country studies

Regional Cooperation and Integration

- Cross- border power grid integration
- Oil stockpiling and APSA operationalization
- Nuclear safety management

Energy Outlook on East Asia

Energy Research Institute Network (ERIN)

A consortium of 16 (ASEAN +6) regional research institutes, established in 2014.

- Make impact of ERIA research, by outreaching the recommendations to high level policymakers and other stakeholders at different levels.
- Provide periodic intellectual support to ERIA's ongoing thematic studies
- Conduct strategically important joint studies of immediate regional needs.

Four regional studies on resilient energy systems is being implemented by 16 member countries (2015-2017)

- Overcoming the Economic, Technical, Institutional and Geo-political Barriers to Regional Energy Integration [Nanyong Technological University+]
- Integrative strategy and Policies for Promotion of Appropriate Renewable Energy Technologies in Lower Mekong Region [Energy Institute, Viet Nam +]
- Sea Lane Security of Oil and LNG [The Institute of Energy Economics, Japan +]
- Development of Eco-Town Model in ASEAN [Brunei Energy Research Institute +]

Advocate four pronged approach: Mutual policy support, technology support, financial support, human resource development support

ERIA Studies on Disaster Risk Management

Major Research Studies (2011 – 2015)

- **Disaster Risks and Resilience from Asian Disasters**
 - Analyzing community ties and market mechanisms
- **Mitigating Global Supply Chain Risks Against Natural Disasters**
 - Identifying factors that amplify the impact of supply chains and formulate business continuity plans
- **Applying Space and Geospatial Information Technology for Disaster Resilience**
 - Trans-border information platform for disaster risk reduction of countries, people and enterprises
- **Formulating Policy Index of Natural Disasters**
 - Development of composite indicators representing policy based resilience

Policy Outreach, Awareness and Advocacy

- Policy Input to ***ASEAN Agreement on Disaster Management and Emergency Response (AADMER)*** and ***ASEAN Social Cultural Community (ASCC)*** blue print.
- Organized three ***multi-stakeholder forum and policy dialogues*** jointly with OECD, ASEC and Government of Indonesia.
- Participants: 550 of which Private Sector (31%), Academia (28%), Senior to mid level officials (23%) and Local community and International organizations (18%).