Overview – Creating conditions for regional cooperation in ASEAN

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Who is ICA

International Copper Association (ICA) is the leading non-profit organization to promote the efficient use of copper worldwide.

Members of ICA comprises of major copper producers and fabricators in the world.

Headquartered in New York, 35 offices with activities in more than 65 countries covering:
- Asia
- Europe
- Latin America
- North America
Who is ICASEA

• ICASEA is the Southeast Asian arm of ICA, with Regional Head Office in Singapore
• Inaugurated in 1992 (formerly known as CDC-SEA) ICASEA has been operating for over 15 years
• ICASEA regional presence:
  - Bangkok  (1999)
  - Jakarta    (2006)
  - Philippines (2009)
  - Vietnam    (2011)
• ICASEA has developed strategic partnerships with governmental bodies, academic institutions and professional bodies in the ASEAN region
ASEAN – Challenges in Energy

• Energy is crucial to transform ASEAN into a stable, secure, competitive & integrated economic community

• Energy requirement expected to triple between 2005 & 2030
  - Energy demand reaches 1,250 MTOE in 2030 from 474 MTOE in 2005 (Avg growth of 4%)
  - Increases in coal use, oil and gas imports to meet energy needs => GHG emissions increase
  - Challenge of climate change mitigation & adaptation

Source: APAEC 2010-2015
ASEAN – Clean, Efficient & Sustainable Energy Community

- ASEAN Plan of Action for Energy Cooperation
  - ASEAN Power Grid
  - Trans-ASEAN Gas Pipeline
  - Clean Coal Technology
  - Renewable Energy
- Energy Efficiency & Conservation
  - Regional Energy Policy & Planning
  - Civilian Nuclear Energy

Source: APAEC 2010-2015
Regional Cooperation Framework

Situational Analysis
- Economic conditions
- Social conditions
- Technology conditions

Sustainable Integration
- International Knowledge Transfer
- Regional Consolidation
- National (Local) Implementation

Stakeholder Engagement
- Authorities
- Businesses
- Consumers
Situational Analysis

• Economic conditions
• Social conditions
• Technology conditions
Situational Analysis

- Economic conditions
  - GDP, inflation, employment, exchange rates, sources of funds, etc
- Social conditions
  - language, culture, social values, etc
- Technological conditions
  - infrastructure, facilities, connectivity, etc

ASEAN - a rapid growing economic region and has a fast growing energy demand driven by economic and demographic growth.
Sustainable Integration

- International Knowledge Transfer
- Regional Framework
- National (Local) Implementation
Sustainable Integration

• International Knowledge Transfer
  • IEC, ISO, etc

• Regional Consolidation
  • Standardisation, Sharing, Synergy

• National Implementation
  • Localisation (language, etc)
  • Market Transformation

Case Study – Asia Power Quality Initiative (APQI)
Stakeholder Engagement

• Authorities
• Businesses
• Consumers
The quality of compact fluorescent lamp in Asia is particularly urgent, as USAID ECO-Asia’s Clean Development and Climate Program found up to 50% of CFLs produced are of poor standards, or burn out faster than national product requirement.

“Developing technical and policy proposals for coordinated action to improve the quality of energy-saving CFLs is a pressing need.”
Conclusion

- Policies must assure benefits and buy-in
- Strong economic and demographic drivers
- Sustained engagement with stakeholders
- Strengthen public-private partnership
- Shared values that bind ASEAN despite differences
Thank you!

Terima kasih!