APEC – ICA cooperation

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The Copper Alliance Network

- International network of non-profit organizations in 24 countries
- Headquarters in New-York
- In Asia: 3 offices in China (40 staff), Bangkok (4), Jakarta (2), Hanoi (2), Singapore (4), Chinese Taipei (1), Seoul (3), Tokyo (2), Kuala Lumpur (1), Jakarta (2), Mumbai-Delhi (12)
Copper and Sustainable Energy

- Copper is the most efficient thermal and electrical conductor (40% more efficient than aluminum)
- Energy efficiency and renewable energy systems imply more copper

ICA promotes renewable energy and energy efficiency as a means to support the use of copper
ICA and international cooperation

• **With European Commission**: over 9 million euros of grants since 2010 in 6 projects to promote higher efficiency motors, higher efficiency air conditioners, heat pump water heaters, energy management, higher efficiency distribution transformers, power quality

• **With UNEP**:
  - overall Memorandum of Understanding
  - ICA founding partner of United for Efficiency

• **With APEC**:
  - Only non-government private organization with observer status in EWG
  - ICA acts as implementing partner with Project Overseers contributing additional human and financial resources
APEC and ICA cooperation

- Six projects implemented in cooperation:
  - APEC funding: 750,000 USD
  - ICA co-funding: 900,000 USD (in-kind and in-cash)

- Including:
  - 2 projects with SEAD’s APEC-CAST
  - 3 projects with EGEEC (with the following Sponsor economies: Japan, Australia, China)
  - 1 project with EGNRET (with USA as Sponsor economy): Capacity building for installers and system designers for solar PV rooftop installations
APEC and ICA cooperation

▪ How does it work:
  – ICA and sponsor economies discuss project concept
  – ICA provides technical support to prepare the concept note and full proposal
  – During implementation, ICA provides:
    • Managerial support for the organization of workshops
    • Managerial support for liaison with consultants
    • Technical support
    • Managerial support for the preparation of reports to APEC
    • Financial support for hiring consultants, inviting additional participants in workshops, other costs not eligible under APEC funding rules

▪ Experience so far very successful
▪ Idea: how to make this cooperation more structured?
Proposal: APEC-ICA Energy Facility

- **Key features:**
  - About 500K ICA funding per year (including up to 200K in cash)
  - In support of APEC-funded projects in line with objectives mutually agreed upon
  - No change in APEC proposal evaluation process

- **Scope:**
  - Energy efficiency and renewable energy: for projects under EGEEC and EGNRET
  - Specific technology scope: electric industrial motors, distribution transformers, air conditioners, water heaters, heat pumps, solar PV, solar thermal, wind energy, distributed electricity generation
  - Need to demonstrate sustainability of the impacts of the project activities
    - Standards and codes
    - Capacity building for technicians, installers, designers
    - Establish/support industry alliances for supply chain integration
    - Support to policy making
    - End-users awareness campaigns and education
Proposal: APEC-ICA Energy Facility

▪ Application process:
  – Guidelines and application form approved by APEC Sec, EGEEC and EGNRET will be published
  – Proponents submit their concept note to APEC for funding and to ICA for APEC-ICA facility indicating ICA funding requested
  – Proponents encouraged to discuss with ICA BEFORE submitting their concept note to APEC

▪ Implementation:
  – ICA to be part of the management committee together with Project Overseer
  – ICA will provide support according to approved proposal
Next steps

1. **Agree on the concept:**
   - Consultation with EGNRET (during this meeting)
   - Consultation with EGEEC Chair (early November)
   - Consultation with APEC Sec and EWG Lead Sheppard (in November)

2. **Develop guidelines and process:**
   - First draft of guidelines, application form, evaluation and implementation process to be circulated in January 2017
   - Final round of consultation with APEC Sec, EGEEC and EGNRET Chairs, and EWG Lead Sheppard in February-March
   - Finalization

3. **Launching:**
   - Launching of web site (hosted and managed by ICA)
   - Announcement and presentation during EGEEC and EGNRET 1st annual meetings in 2017
   - Announcement during the first EWG Meeting in 2017 (May?)
Thank you

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