

INTERNATIONAL COPPER ASSOCIATION

Co-operation Opportunities in 2012

by Ajit Advani

Global Director, Sustainable Energy

APEC EGEE&C Meeting, Seoul

08 Nov 11

ICA

Not-for-profit trade organization

- **Mission : Promoting beneficial uses of Copper**

Active in over 60 countries

- **Including 16 APEC member economies: Australia, Canada, Chile, China, Indonesia, Japan, Korea, Malaysia, Mexico, Peru, Philippines, Russia, Singapore, Thailand, USA, Vietnam**
- **Professional staff: 82 (global 189)**




2012 operating plan \$95M

- **\$68M Members, \$27M partners**

Sustainable Energy Initiative

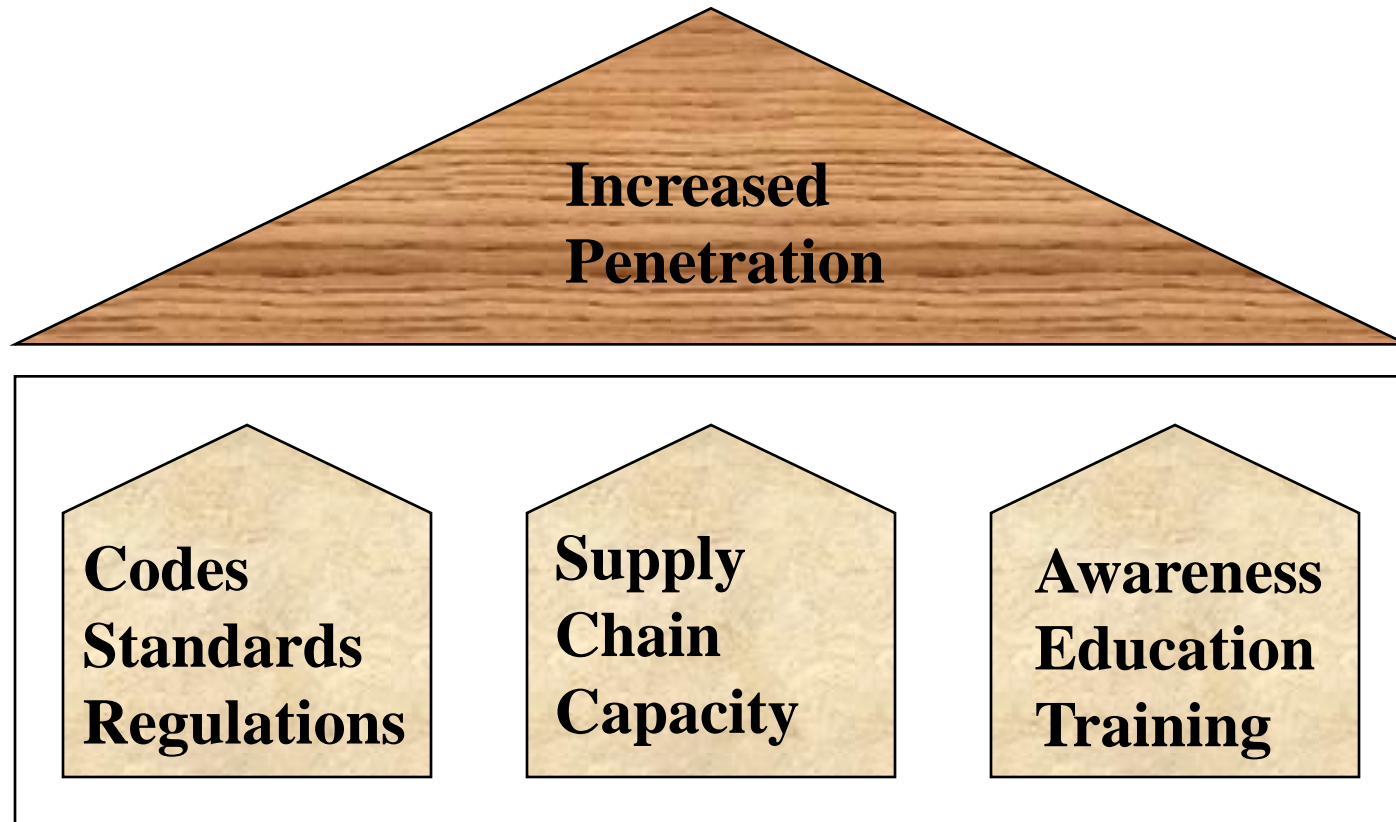
- **Energy Efficiency, Renewable Energy, Energy Access**

2012 EE PROGRAMS

-  **Promoting EE products**
-  **Building EE organizational capacity**
-  **EE advocacy**

PROGRAM APPROACH

Promoting EE products



EE PRODUCTS

Power Distribution

- **Distribution transformers**
- **Power transformers**
- **Power cables**
- **Electric vehicles charging infrastructure**

Heating & Cooling

- **Room air-conditioners**
- **Space heaters**
- **Water heaters**

Rotating electrical machines

- **Industrial & Automotive Motors**
- **Agricultural Pumps**
- **Domestic Fans**

ENERGY MANAGEMENT

ISO 50001

- **Global standard for energy management systems**

South East Asia - AEMAS

- **Gold certification of energy efficient companies**
- **Training & certification of energy managers**

China interest in AEMAS

- **ICA invited to develop similar scheme**

EE ADVOCACY

- **Energy Efficiency business cases developed through Lawrence Berkeley National Laboratories**
 - USA, CHN, JPN, KOR, IND
- **Clean Energy Solutions Center**
 - Partnerships US & AUS Governments, UN Energy
 - Leonardo Energy supporting NREL with content
- **Latin America Energy Efficiency Forum**
 - 19 LAC countries including CHL, MEX, PRU
- **BRESL with UNDP/GEF**
 - 6 Asian countries including CHN, IDS, THA, VTM
- **Partnership with IPEEC**
 - Recent joint workshop in Indonesia

COOPERATION OPPORTUNITY

ICA offers

- 🌐 **Natural synergy with APEC EGEE&C objectives**
- 🌐 **Structured & focused EE program palette**
- 🌐 **Program execution experience & capacity in APEC countries**
- 🌐 **Experience of partnering governments, donors & sustainable energy advocates**
- 🌐 **Unique private – public partnership**

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