



ECO-DESIGN IN THE ASIAN ELECTRONICS SECTOR

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AEDE Project: Partners

- The Centre for Sustainable Design (UK)
- TERI-Europe (UK/India)
- Linköping University (Sweden)
- ELCINA Electronic Industries Association of India (India)
- Rajiv Gandhi Foundation (India)
- Electrical and Electronics Institute (Thailand)
- Renmin University of China [RUC] (China)
- China Household Electrical Appliances Association [CHEAA] (China)



AEDE Project: Outputs

- Reports (EC/Japan, Thailand, China, India)
- Website (www.cfsd.org.uk/aede)
- Conferences
 - Thailand: 10th April 2006 (80+ delegates)
 - India: 29th June 2006 (50+ delegates)
 - China: 21st September 2006 (90+ delegates)
 - Brussels: 5th December 2006 (60+ delegates)
- Tools
 - Eco-design (management + technical)
 - Components



AEDE studies: Implications

- RoHS is the priority
- Need for better radars
- Low awareness/understanding of eco-design amongst SMEs
- Need for capacity building
- Product-related compliance + *innovation*
- Start preparing for EuP – *now!*



Eco-design 'early adopters'

- Japan
- Korea
- Other
 - China: major companies e.g. Huawei, Haier
 - Taiwan: Green Design Network, ITRI
 - Thailand: projects e.g. EEI
 - Hong Kong: projects e.g. Green Manufacturing Alliance



Japan

- Strategic approach
- Demand + supply-side
- Competitive advantage
- Coordinated
- Critical mass
- Influence



AEDE country studies: eco-design

- China: low awareness
- India: low awareness
- Thailand: strategic approach



Implications

- Japan (old driver) + Europe (new driver)
- New issue
- Confusion
- Lessons not learnt from RoHS!
- Pilots
- Need for training
- Networks
- People + skills
- Risk management



Gaps and future needs

- Management
 - Planning
 - Organisation
- Technical
 - Awareness and training
 - Technical Implementation



Capacity building

- Short term
- Medium term
- Long term



Contact Details

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