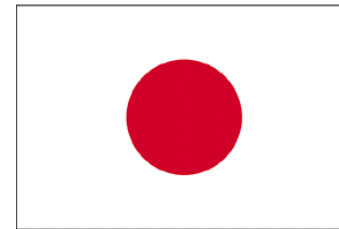


**IPEEC - Energy Management Action Network
3rd Workshop (At Guilin)
**Session II : Energy Management Practices
by SMEs
- Points for Discussion -****



November 15th, 2011

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On Behalf of Ministry of Economy, Trade and Industry

Keys to Promote EE&C by SMEs through Energy Management Practices - 1

1. Good Policy Framework and Measures by Government to Support SMEs

1-1. Financial Support for EE&C Projects / Introduction of E.E. Equipment

→ Tax Incentive / Low Interest Loan / Subsidies

1-2. Technical Support

→ Guidelines and Criteria for Energy Management and EE&C

→ National Program to Disseminate Good EMS (ISO50001 etc.)

→ Free or Subsidized Energy Audit

→ Preparation of Tools Such as Software Tools for Analyses and Evaluation - Simulation Available to SMEs

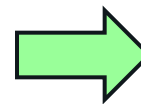
1-3. Provision of Useful Information and Data

→ National Database /

→ Award System



(A) Network of Policy Makers
(B) Sharing Information on
Best Practiced Policy on EC
for SMEs



Important EMAK
Components

Keys to Promote EE&C by SMEs through Energy Management Practices - 2

2. Introduction / Establishment of Energy Management System at SMEs

2-1. Policy & Commitment by Top Management

- Good Awareness on EC and Leadership of Top Management
- Efficient Organization

2-2. System to Identify Effective Measures with Good Cost Performance

- Systematic Management of Energy / Operation / Maintenance (Including Establishment of Database)
- Tools Customized for Analyses and Evaluation - Simulation
- Guidelines and Information of Best Practices

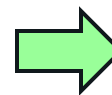
2-3. Systematic Implementation of Improvements

2-4. System to Sustain EE&C Activities Including Standardization

2-5. Managed Application of Technical Partners such as Tech. Suppliers



(A) Network of EM Practitioners
(B) Sharing Information on Best Practiced EM and E.E. Improvements



Important EMAK Components

Keys to Promote EE&C by SMEs through Energy Management Practices - 3

3. Human Resource Development for SMEs

3-1. Energy Manager (Key Leaders for Practicing EM)

- Energy Manager System by EE&C Law etc.
- Training and Certification of Energy Managers by Government

3-2. Engineer / Manager and Technicians to Practice Energy Management

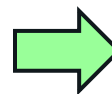
- Education and Training and Curriculum
(In-house / Outsourced and National Program by Government)

3-3. Awareness on EE&C of Employees

- Education and Seminar
- Small Group Activities (SGA)
(Company Policy – “Participation by All Employees)



(A) Network of EM Practitioners
(B) Sharing Information on
Education / Training Curriculum
and Tools on EM

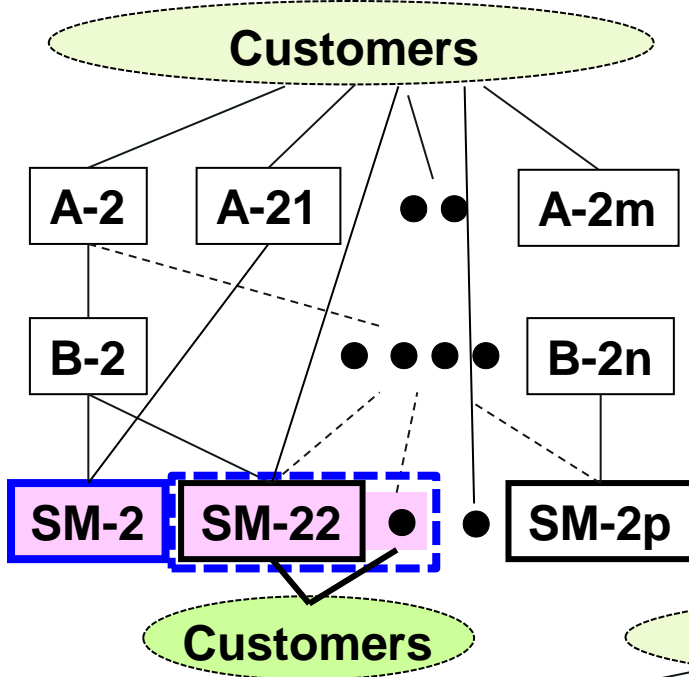


Important EMAK
Components

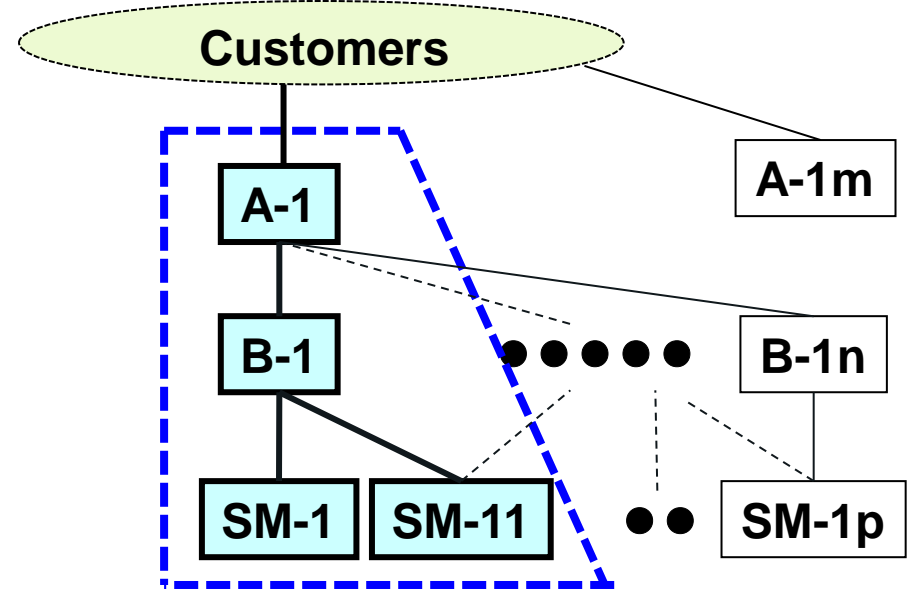
Suggested Points for Consideration

Schemes for EE&C by SMEs Based on Business Structure

1. Independent or Business Partnership



2. Subsidiary / Affiliated Companies



3. Same Industrial Estate with Common Supply of Utilities

