

Review and Planning Workshop on Eco-town 11-13 December 2012, Penang, Malaysia

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Review and Planning Workshop on Eco-town 11-13 December 2012, Penang, Malaysia

- Sharing information and experiences on Eco-town formulation, and promoting the Eco-town concept to Asian countries-

- **Dates:** 11-13 December 2012
- **Venue:** Workshop - Cititel Penang Hotel, Malaysia (11 and 13 December)
Field visits (12 December)
- **Organizers:**
 - UNEP/International Environmental Technology Centre (UNEP/IETC)
 - Penang State Government
 - Municipal Council of Penang Island (MPPP)
 - Municipal Council of Seberang Perai (MPSP)
 - Global Environment Centre (GEC)

Objectives of the Workshop

1. Review of current work (projects, training, and information to promote eco-towns)
2. Case study of Penang, Malaysia as one of the successful projects during Phase 1 of eco-town project
3. Outline of strategy paper to promote eco-town concept in Asia
4. Plan for Phase 2 of eco-town project

Review and Planning Workshop on Eco-town



Workshop – Day 1 (11 December)

- Eco-town project, Phase 1 and lessons learned - UNEP IETC
- Activities of eco-town project, Phase 1 - Penang, Malaysia
- Activities of eco-town project , Phase 1 –Bandung, Indonesia
- Activities of solid waste management and issues - Phisanulok (Thailand), Kampot (Cambodia) and Ho Chi Minh (Vietnam)
- Environmental technologies and GEC database for realizing eco-town
- Outline of Strategy Paper and Phase 2 project - UNEP IETC



Field Visits– Day 2 (12 December)

- Outline -

- Participants: Approx. 40 people from Japan and overseas countries
- Contents: Eco-town related activities based on zero-emissions initiated by communities, local governments and companies (in total 6 sites)
 - 3R activities (waste segregation, recycling, composting)
 - Project on converting food waste into liquid bio-fertilizer

Field Visits– Day 2 (12 December)



Taman Bagan Lalang Zero Waste Community

Field Visits– Day 2 (12 December)



Recycling Program by Permatang Nibong Village

Field Visits– Day 2 (12 December)



Taman Desa Damai Environment Resource Center

Field Visits– Day 2 (12 December)



Project for converting food waste into liquid bio-fertilizer



Eco-friendly park “Escape”

Lessons Learned from Field Visits

- Local government initially planned and implemented awareness-raising projects based on the eco-town concept, which then developed into a community initiative.
- An incentive system, such as giving awards and prizes for the citizens who have contributed to reduce waste, would enable sustainable and constructive activities.
- Appropriate environmental technologies that meet local needs and conditions are adopted in the project.
- Industry involvement as part of a CSR program with financial support facilitates the eco-town project.
- Collaboration among the government, citizens and private sector with their respective roles is essential to implement and promote the eco-town project.

Workshop – Day 3 (13 December)

- Sustainability Assessment of Technology (SAT) - UNEP IETC
- Group discussion – Challenges and issues in adopting SAT methodology
- Case studies of Penang (Communities, schools, and companies)
- Future plans for eco-towns – Seberang Perai, Colombo (Sri Lanka), Chonburi (Thailand), Jakarta (Indonesia) and Pakistan



Conclusions – *Benefits of the Workshop*

- Participants had sufficient opportunities for developing networking, information sharing, and learning from successful case studies by Penang's stakeholders. In particular, field visits provided them a better understanding and insights into their future eco-town planning.
- The workshop successfully promoted the eco-town concept to Asian countries and towards Phase 2 of the eco-town project.

ご清聴ありがとうございました
Thank you very much!

