

Seminar on Waste Innovation and Solution: 2009

Environmental situations and problems have now become increasingly critical due primarily to natural resources consumption in the production process and the inefficient use of energy, leading to an increase of both direct and indirect releases of pollution to the surroundings. At the same time, the global development directions currently aim towards bringing about ecological balances under the concepts of sustainable development. All these challenges have been seriously taken as the key factors significantly contributing to the utilization of natural resources both at the present and in the future.



Realizing this, the Industrial Environmental Institute (IEI) of the Federation of Thai Industries (FTI), therefore, organizes a seminar on **Waste Innovation and Solution: 2009 on Friday, September 4, 2009, at the Bangkok International Trade & Exhibition Centre (BITEC), Bangna, Bangkok. The seminar aims at the following:**

1. Being a common forum of the country in presenting domestic and international innovations, solutions and technologies that are appropriate for sustainable industrial waste management, with the focus upon real and commercially feasible cases;
2. Being a common forum in transferring the concept and principle of sustainable production to Thai industrial operators;
3. Influencing the mainstream of industrial waste management into the formal system that is commercially feasible; and
4. Acting as the starting point to encourage and push sustainable industrial residue management to the national forums and then the international ones in the future.

Detail of the Seminar:... Comprising two main parts as follows.

1. Academic seminar: This will include lectures and presentations by executives, experts and industrialists both domestic and international, to provide recommendations on sustainable industrial development as well as to present innovations and solutions for the management of different types of industrial wastes, including

In the Morning: Academic seminar

- The Evolution of Waste Management in Thailand
- 3Rs Technologies

- Tendency of Environmental Taxes in Thailand

In the Afternoon: Workshop in five different topics

Topic 1: Carbon Footprint and Life Cycle Inventory/Life Cycle Assessment (LCI/LCA)

- Life Cycle Assessment in Thailand and Application
- Carbon Footprint....Opportunities or Anti – trust in Business
- Situation Eco Labeling in Thailand
- Eco Products & Eco Services in Thailand

Topic 2: How to Manage Industrial Waste

- The Permission for Industrial Waste Management
- Environmental Supervisor' Role for Pollution Prevention
- Experiences Sharing: The Permission for Industrial Waste Management
- Alternative for Waste Generator.....Waste Disposal Companies

Topic 3: Waste Management Technologies

- Technology for Lubricant Oil Waste Management
- Recycling Solid Waste to Electricity.... Business Opportunities
- Recycling Catalytic to Zeolite
- How to Manage Fly Ash from Kilns

Topic 4: Industrial Waste Management

- How to Dispose....Dioxin
- Rotary Kiln.....Technology for Waste Disposal
- Transforming Wastes into Alternative Fuels through Co-processing in Cement Kilns
- New Alternative Industrial Waste Management...RDF

Topic 5: Industrial Waste Exchange and Case Study in Abroad

- Best Practices for Collect and Separate Solid Waste
- Eco-Town....Waste Exchange Information Center in Thailand
- Case Studies: Waste Exchange Information Center in Abroad

2. Exhibitions from companies experiencing recycling materials and resources, green technologies and experiences sharing among business organizations and others related, including:

- Exhibitions on performance from the co-organizing partners
- Exhibitions from environmental consulting firms
- Exhibitions on green technologies, 3Rs/Eco-efficiency Tools related technologies, from research and educational institutions and others related

- Industrial groups implementing 3Rs principles in their production process, e.g.
 - Products manufactured from waste residues
 - Wastes to alternative energy
 - Waste and residue management industry

Target Group: Approximately 700 participants

- Industrial operators, executives, environmental managers, production managers, pollution control officers, pollution treatment system operators and concerned officers
- Public organizations and related state enterprises
- Independent organizations and private sector
- Academics from educational institutions and the interested public

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