Chemical Management after REACH
**REACH**

**REACH** is the European Community Regulation on chemicals and their safe use. It deals with the Registration, Evaluation, Authorization and Restriction of Chemical substances. The law entered into force on 1 June 2007.

The aim of REACH is to improve the protection of human health and the environment through the better and earlier identification of the intrinsic properties of chemical substances. At the same time, REACH aims to enhance innovation and competitiveness of the EU chemicals industry.
• The REACH Regulation places greater responsibility on industry to manage the risks from chemicals and to provide safety information on the substances.

• Manufacturers and importers are required to gather information on the properties of their chemical substances to register the information in a central database.

• Main reason for adopting the REACH Regulation was that a large number of substances have been manufactured and placed on the market, in very high amounts, and yet there is insufficient information on the hazards that they pose to human health and the environment.
Discussion 1:

- Q1: What will happen to our health and environment if the chemicals are not properly managed?
- Q2: What challenges will electronic industry encounter after the enforcement of REACH?
Example: Chemical Management of Company H

Company H provides solutions for the electronic industrial. Utilizing the industry’s best practices and materials, they can provide following services including:

- online catalogs and bar-coding
- Off-site storage and distribution
- Environmental tracking and reporting
- Project management
- Waste management services
- Repackaging solutions on- and off-site
Q1: Please give comments on the chemical management solution of video 1.

Q2: Please figure out what extra measures should be taken, if the chemicals are disposed in larger amount? (Refer to video 2)
The followings are the possible chemical recycling plans of company F:

1. No need to register with the REACH when any new chemical substances appears in products.
2. No need to evaluate the real and potential environmental and human health risks of chemical substances.
3. No need to classify chemical compounds into categories.
4. Only key hazardous chemical substances should be disposed, no need to take care of general chemical substances.
Q5: Please give comments on the possible chemical management plan of company F. If their proposal is not proper, please refine it.