Converting Waste Plastics into a Resource

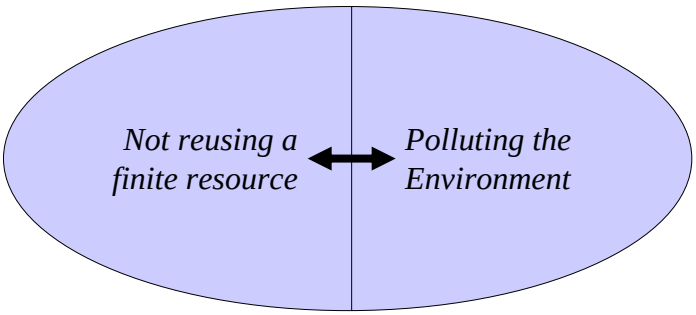
International Expert Group Workshop

UNEP

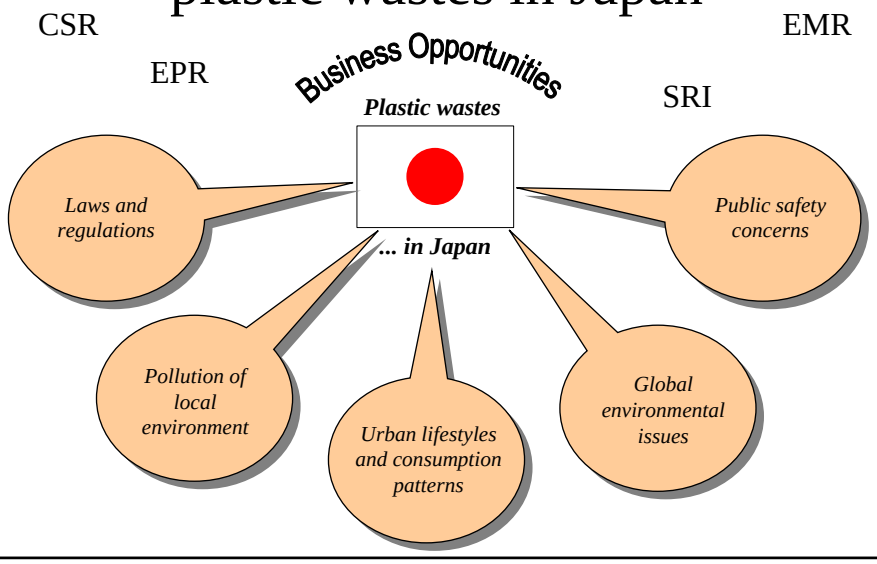
Summary of Day 1
15 June 2009

GEC

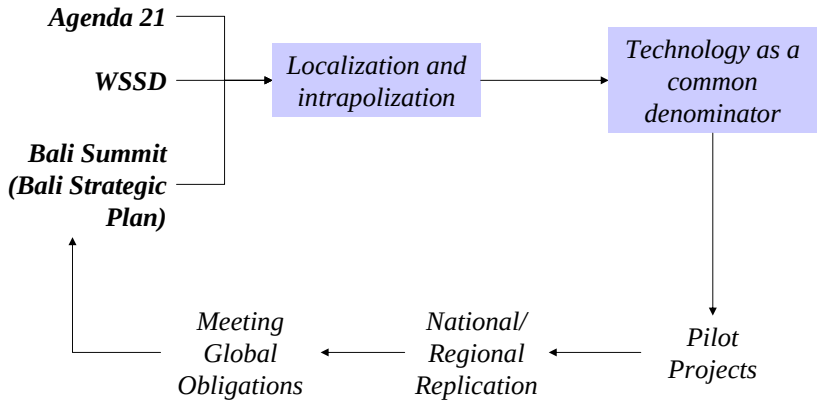
The Twin Dilemma of Waste Plastics



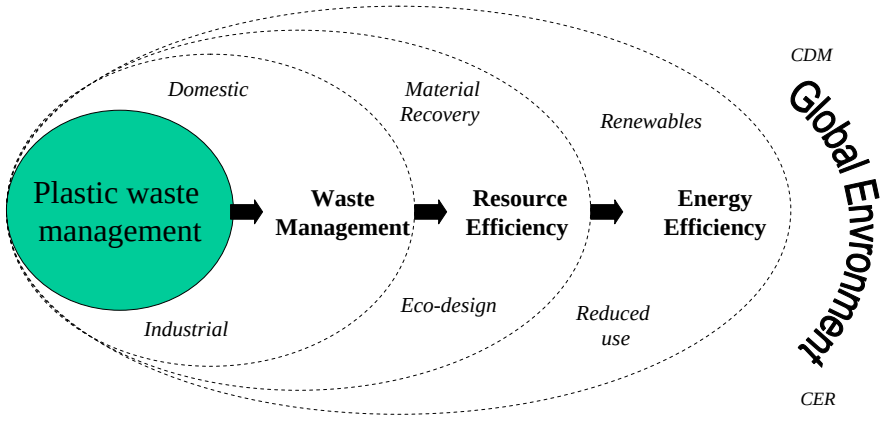
Pressures to take action on plastic wastes in Japan



UNEP's Points of Reference

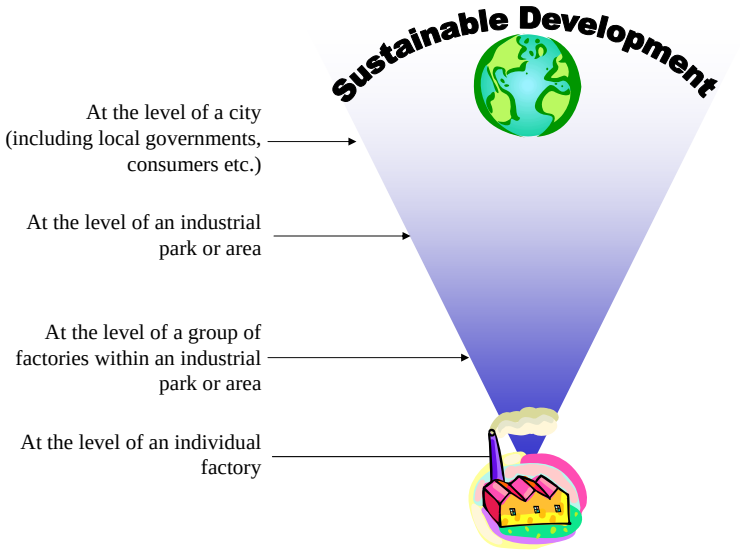


The context for Waste Plastics



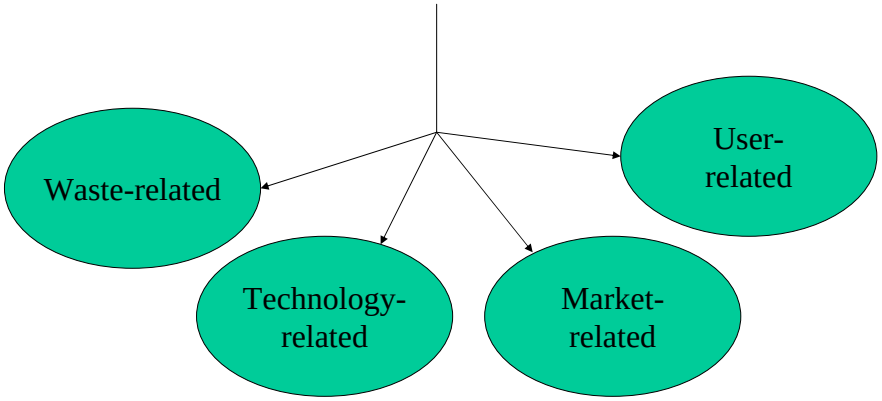
Supporting Decision-making

Targeted and packaged information the level where decisions are taken on waste plastics

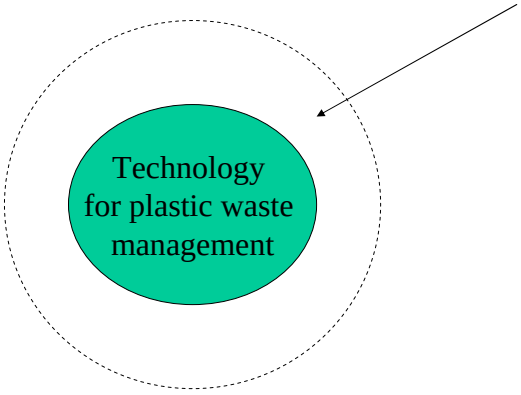


Information management

Creating a scientific base and information base to support action (policy, assessment, decision-making et al.)



Technology environment



The environment within which the technology is developed and used:

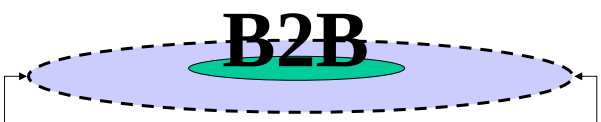
- *Economic*
- *Technological*
- *Social*

Criticality of Partnerships

- *Local Governments*
- *Companies*
- *Business and trade*
- *Universities*
- *Bank and financial institutions*
- *Research institutions*
- *NGOs/NPOs*
- *Communities*

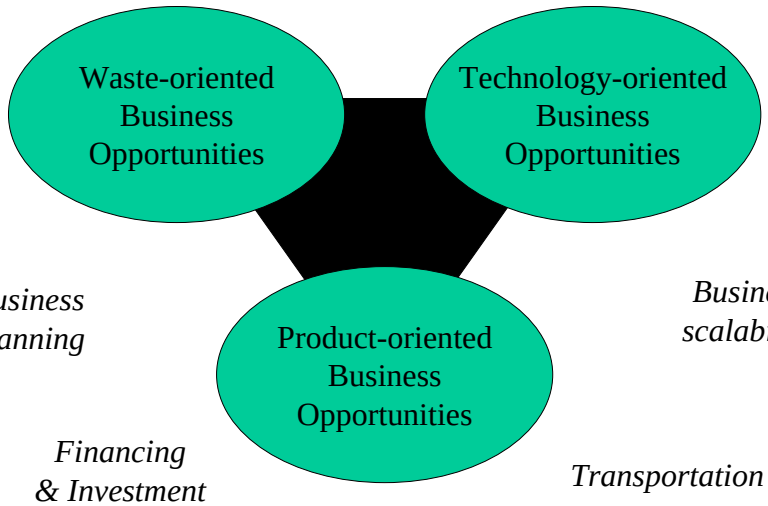
A whole range of stakeholders need to come together to provide a number of inputs for success:

- Governance inputs
- Education inputs
- Technology inputs



Partnerships that support and enable B2B interaction

Business Opportunities

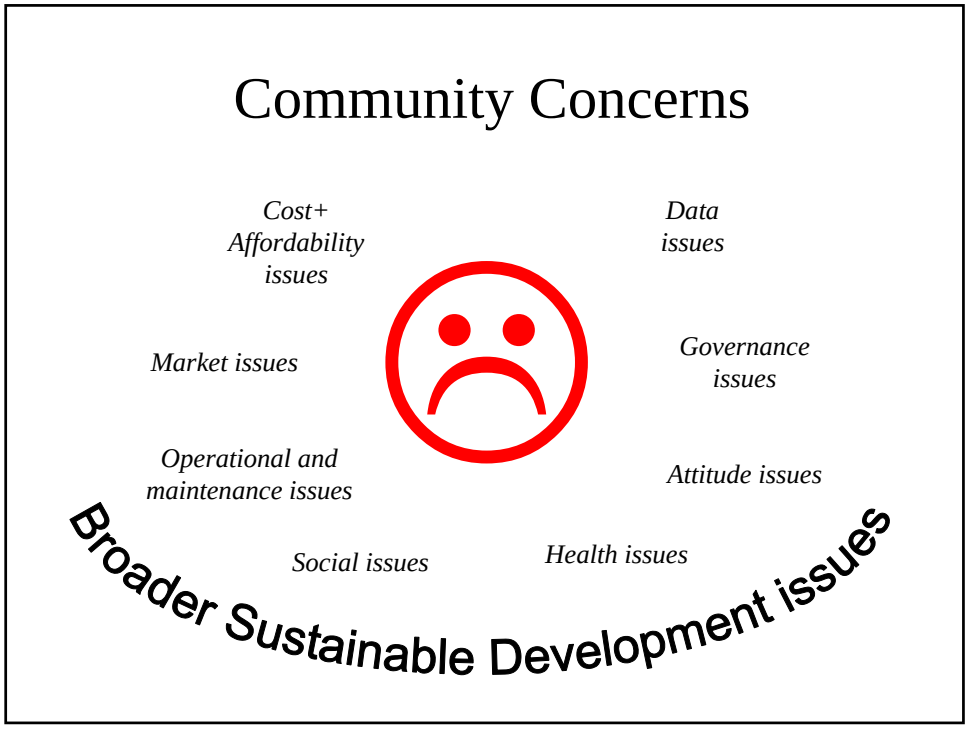


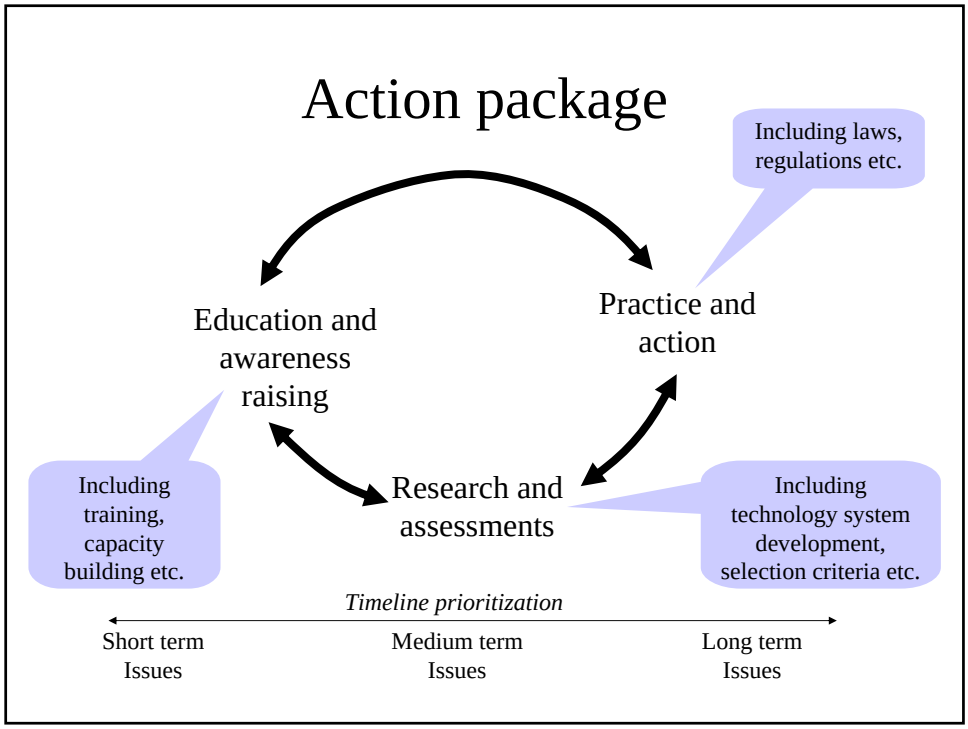
Business planning

Business scalability

Financing & Investment

Transportation


Community Concerns
Cost+ Affordability issues
Data issues
Market issues
Governance issues
Operational and maintenance issues
Attitude issues
Social issues
Health issues
Broader Sustainable Development issues


Action package
Including laws, regulations etc.
Education and awareness raising
Practice and action
Including training, capacity building etc.
Research and assessments
Including technology system development, selection criteria etc.
Timeline prioritization
Short term Issues
Medium term Issues
Long term Issues

Technology Selection

More than the WHAT, it is the HOW that is probably important …

Different technology options need to be:

- **Localized**
  (in terms of the SCALE of use)
- **Contextualized**
  (in terms of the local SITUATION)
- **Customized**
  (in terms of the local NEED)

Final word

There is no such thing as a ‘Green Heart’