Pollutant Release and Transfer Registers

PRTRs

Basic Information
What is a Pollutant Release and Transfer Register?

- Air emissions: CH₄, CO₂, etc.
- Emissions to soil: PCBs, DDT, etc.
- Emissions to water: Cr, H₂SO₄, etc.

PRTR → Information for the end user
How does a PRTR work?

**Sources**
- Industrial emissions
- Air
- Soil
- Water
- Vehicles
- Transportation

**Data Analysis**
- PRTR Data

**Users**
- People
- Graphs
- World Map
- Scientists
From inventories on a single environment to PRTRs

Change from command-control policy to a participatory process.

Multimedia information brings a better picture of the environmental status and allows to take informed decisions.
Possible objectives of a PRTR

- Foresee tendency for emissions
- Identify priority areas and sectors
- Identify hot spots
- Obtain information to take action
Benefits of PRTRs

- Governments
- Industry
- Public
Governments

- Establish **national priorities** and promote a **participatory** environmental management system
- Identify **priority areas**
- Reach **environmental targets**
- Identify and reduce **risks** posed by chemicals
- Comply with **international MEAs**
Industry

- Promote pollution prevention programmes
- Identify issues with industrial processes, opportunities for cleaner production and more cost efficient processes
- Opportunity to work with the community to improve environmental conditions
- Be competitive in the world market
Public

- More **awareness** on risks posed by chemicals
- Informed participation in **environmental management**
- Information available for the **emergency response groups**
- Information available for **educational purposes**
Key stages in the design of a PRTR system

1. Project Planning
2. Identify objectives
3. Infrastructure assessment
4. Design general characteristics
5. Pilot study
6. National Proposal on PRTR

PRTR
UNITAR Programme on PRTR Capacity Building

- Guidance Materials
- CD-ROM on PRTRs
- Experiences from other countries

- PRTR Platform
- Technical assistance to support the development of PRTRs
- Technical network of experts
To take into account

- PRTRs are to be adapted to national circumstances
- Serve different purposes
- Contribute to the sound management of chemicals in countries
- Assist to comply with international obligations
Thank you!