

Enforcement

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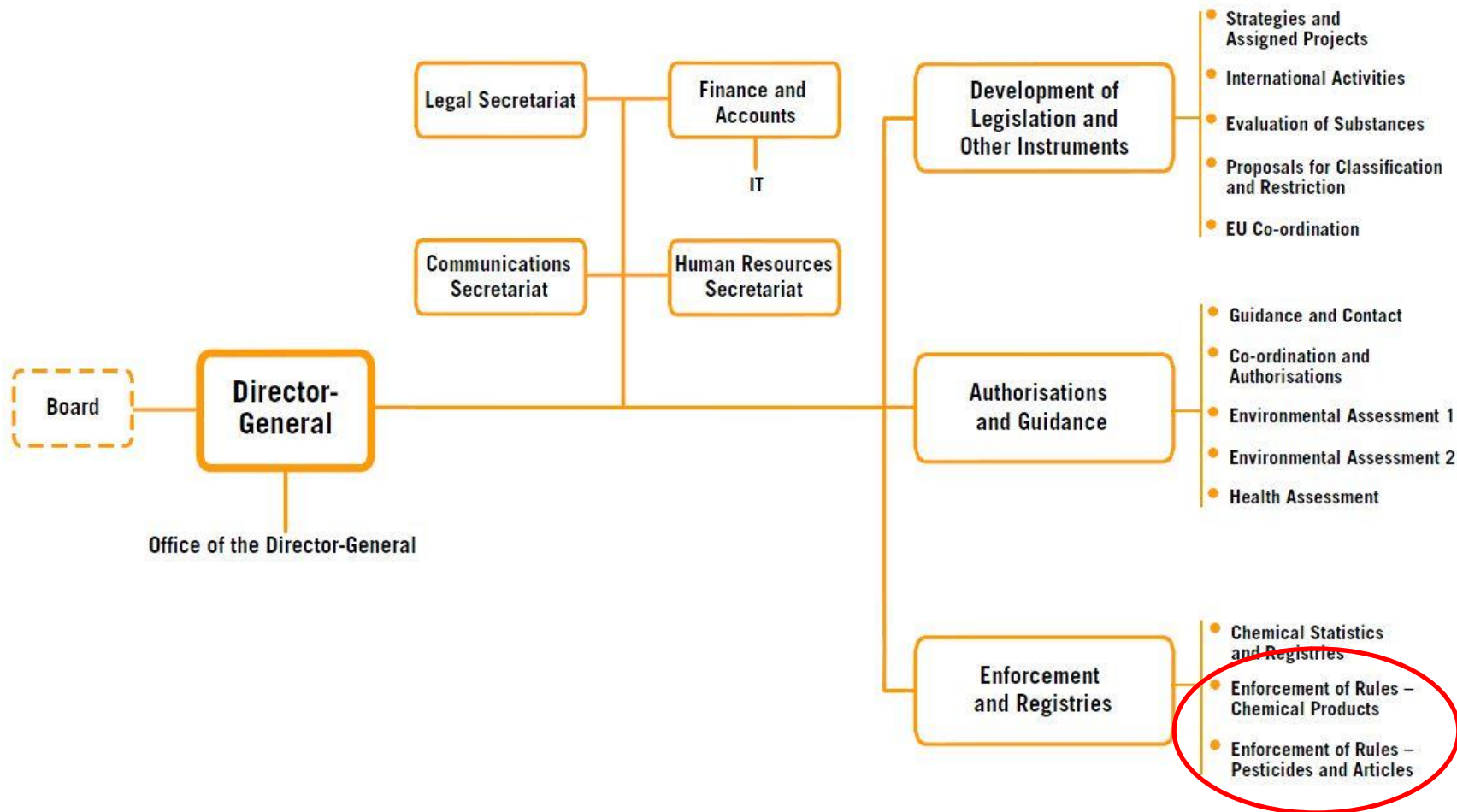
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- Introduction to Enforcement
- Organisation and Responsibilities
- Methodology and strategies for enforcement
- Enforcement cases-exercise

- **LUNCH**

- Examples of national enforcement projects
- Enforcement cooperation (international)
- Guidance, education and public awareness
- Enforcement of chemicals in articles – demo. of XRF instrument

Organisation



2013-06-01

Director-General

Secretariats

Departments

Units

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graph LR; A[Enforcement and Registries] --- B[Chemical Statistics and Registries]; A --- C[Enforcement of Rules – Chemical Products]; A --- D[Enforcement of Rules – Pesticides and Articles];
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Enforcement and Registries

- **Chemical Statistics and Registries**
- **Enforcement of Rules – Chemical Products**
- **Enforcement of Rules – Pesticides and Articles**

The Need for Chemicals Control and Introduction to Enforcement

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October 2014

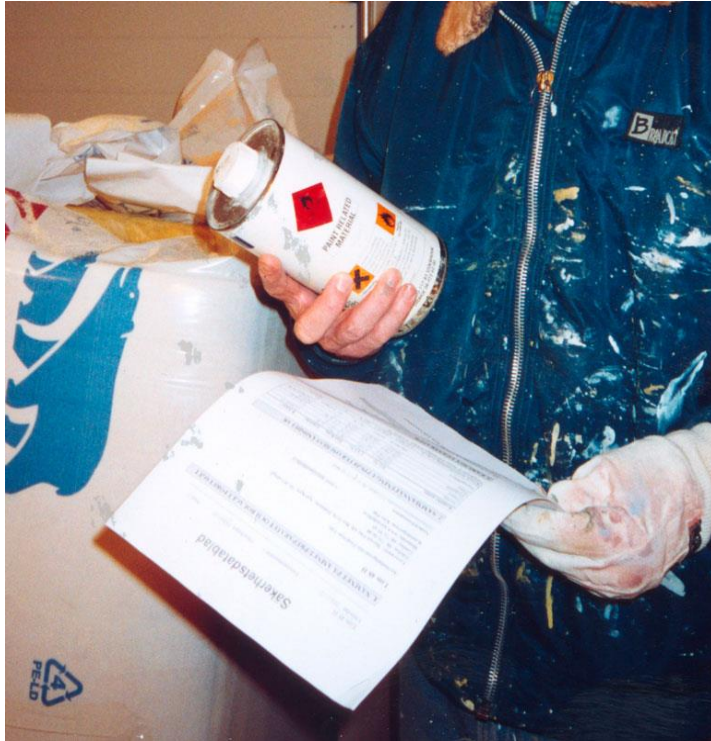
Which are the global trends concerning the production of chemicals?

World production of chemical substances:

1950: Approx. 7 000 000 tons

2000: Approx. 400 000 000 tons

Why do we need chemicals control?

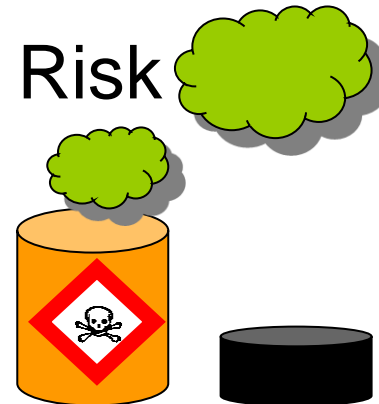


- Many chemicals on the market
- Increasing production volumes
- Many chemicals are hazardous to human health and the environment
- Chemicals control and handling can save human lives, a good environment and money

Hazard versus Risk

- Hazard = ability to cause damage or harm (intrinsic hazardous properties)
- Risk = probability for damage or harm to occur

Hazard x Exposure = Risk



Purpose of Chemicals risk management

- Getting knowledge of hazardous properties of chemicals
 - Testing, data finding, safety assessment
- Information to users on risks and on safe use
 - Classification, labelling, SDS, ...
- Choice of chemicals – technical and risk aspects
 - Substitution, bans, restrictions



WHO SHOULD DO IT?

“Buzz” group discussion; 10 min



Who should:

- Collect data on hazardous properties of chemicals?
- Spread information to users on risks and safe use?
- Take measures for risk-reduction at use and other handling?
- Legislate on bans and restrictions?

Responsibilities/roles of actors

- Enterprises are responsible for
 - a safe marketing of chemicals
 - a safe use of chemicals
- Government/agencies
 - steer
 - guide
 - supervise

Parts for Chemicals Control

- **Gather information** on hazardous substances
- **Legislation:**
 - **Classification / Information** system of hazards and how to use chemicals in a safe way – **GHS**
 - Clear **legal responsibilities**
- **Bans / Restrictions**
- **Enforcement** ***No enforcement = "no law"!***
- **Sanctions** in case of violation of legislation

Enforcement is essential!

- **Establishment** of and **instructions** for Inspectorate/Agency
- **Clear tasks** - qualified inspectors – adequate resources
- Inspection **strategy and methodology**

Enforcement is essential (cont.)

- **Legal rights** for inspectors: to get information, to site visits, to issue orders
- **Sanctions** in case of violation of law
- **Support/training** from “central chemicals institution”
- Clear legal **responsibilities** of enterprises

No enforcement = "no law"!

Support from state authorities?

General information and advice on

- regulations and on their interpretation
- where to find data on chemicals
- how enterprises may organise their work.....**is OK!**

Specific information/advice from authorities to enterprises

- hazardous effects of chemicals
- how to classify, label, make SDS - how to solve problems
 - is normally not possible in practise and
 - is legally problematic - transfers responsibility from enterprises to authorities.....**is NOT OK!**

Main challenges

Government / Authorities

- Establish legislation on chemicals management / organise a cost efficient institutional set up for management of legislation
 - *in order to make enterprises take their responsibility*

Enterprises

- Organise internal chemicals management to be able to comply with legislation and regulations



