




 **Stockholm Convention on Persistent Organic Pollutants**  

Environmentally sound management
of POPs pesticides wastes



Concepts and principles

Regional training workshop on BAT/BEP, PCBs and POPs wastes
16 – 20 November 2009, Beijing, China

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Concepts and principles

- Environmentally Sound Management → ESM
- Life cycle approach

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ESM

- **Basel Convention:** *“taking all practicable steps to ensure that hazardous wastes or other wastes are managed in a manner which will protect human health and the environment against adverse effects which may result from such wastes”*
- **Stockholm Convention:** Definition of certain management practices (e.g. BAT/BEP)

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
Technical guidelines on the ESM of POPs wastes

- Developed by the Basel Convention
- Adopted at Basel COP-7 (2004) and COP-8 (2006)
- 5 Guidelines on POPs wastes have been developed
 1. Updated general technical guidelines for the ESM of POPs wastes
 2. Technical guidelines on PCBs
 3. Technical guidelines on DDT
 4. Technical guidelines on unintentionally produced PCDDs, PCDFs, HCB and PCBs
 5. Technical guidelines on POPs pesticides


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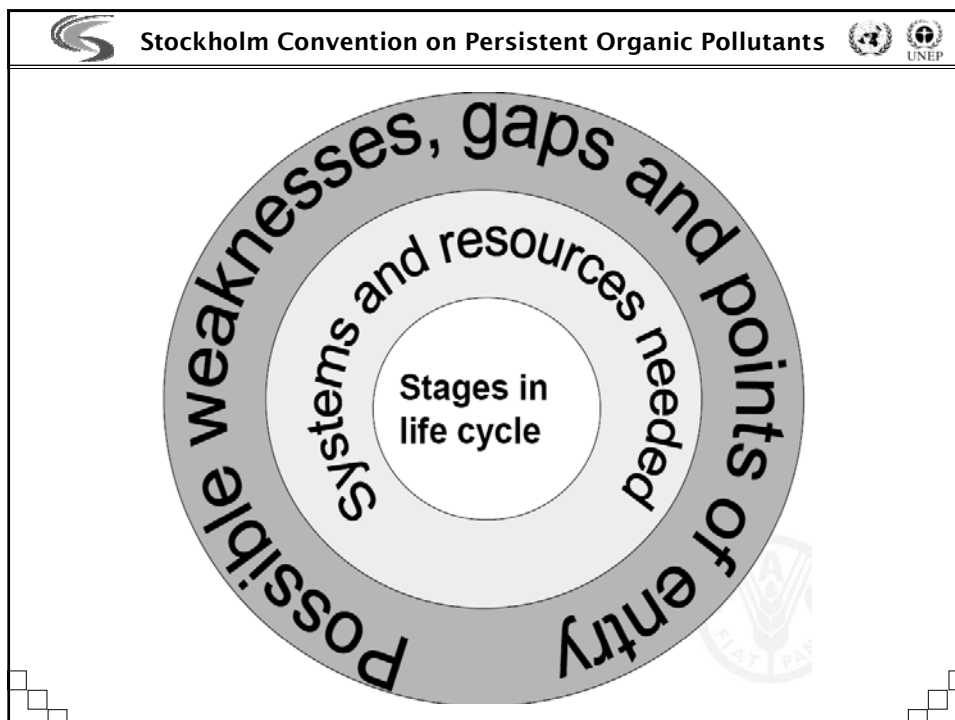
Management of POPs pesticides

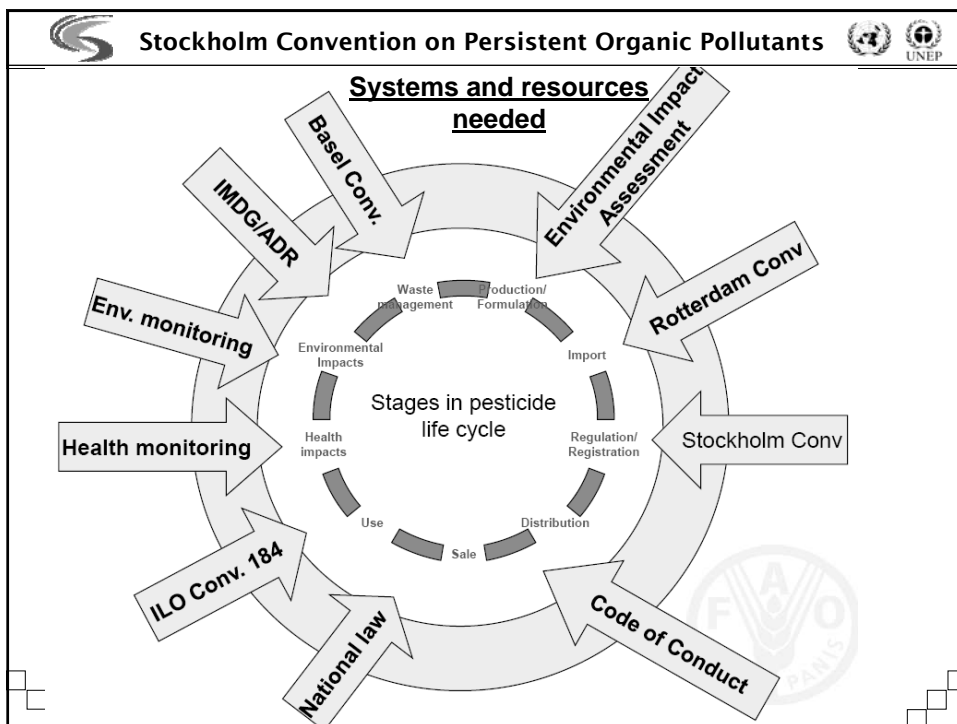
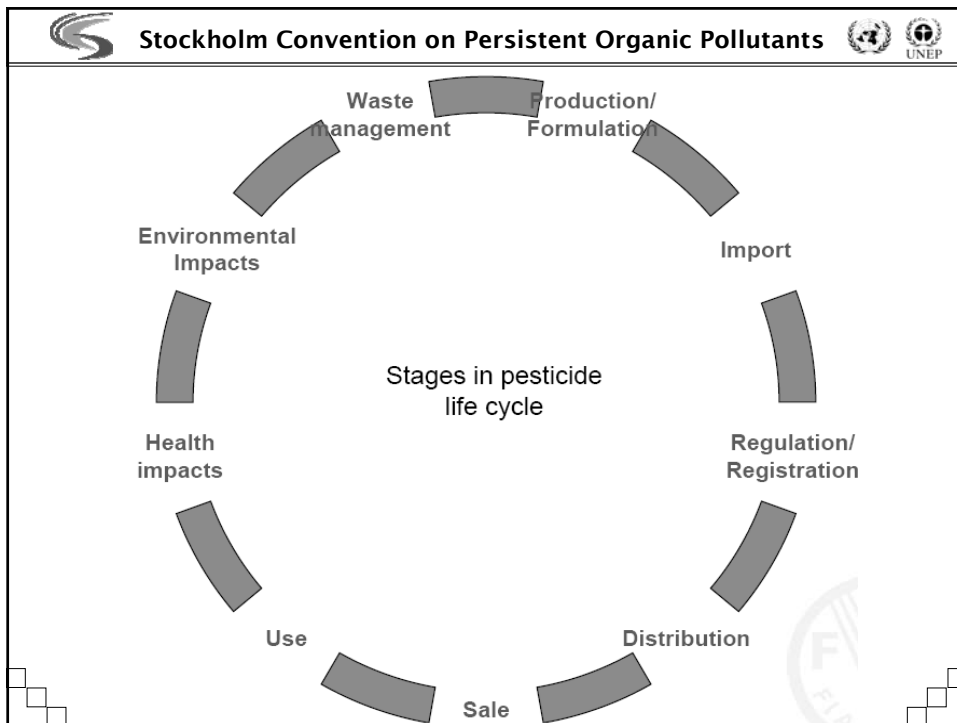
Pesticides POPs & Obsolete Pesticides must be dealt with in a total life cycle approach and not in isolation

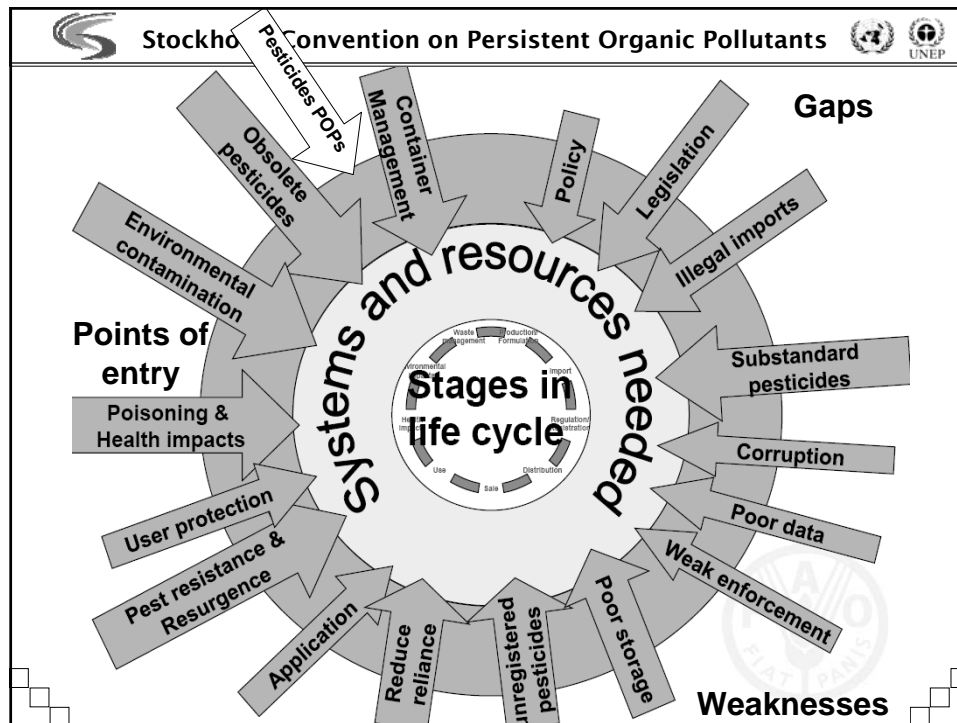

Improvement of total approach of working with pesticides needed


FAO approach:

- Pesticide Life Cycle Management approach
- Obsolete Pesticides Management System
- Pesticide Stock Management System
- Environmental Management Tool Kit
- Container Management









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Obsolete Pesticides Management System

- Tool for inventory of obsolete pesticides
- Collection & flexible management of data
- Concerns:
 - Pesticides & other contaminated materials
 - Storage sites & their environment
- Generates site specific risk assessment
- Planning tool

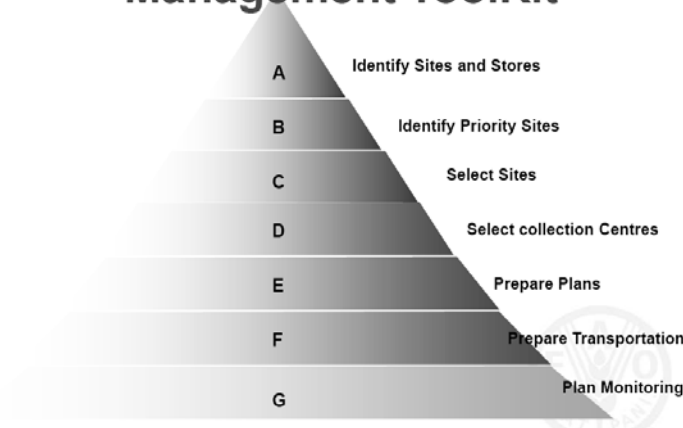
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Pesticide Stock Management System



- Where are the pesticides?
- Which products & what can they be used for?
- What is their condition and age?
- What happens to obsolete products & empty containers?
- Preventing obsolete pesticides

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Environmental Management ToolKit





A	Identify Sites and Stores
B	Identify Priority Sites
C	Select Sites
D	Select collection Centres
E	Prepare Plans
F	Prepare Transportation
G	Plan Monitoring


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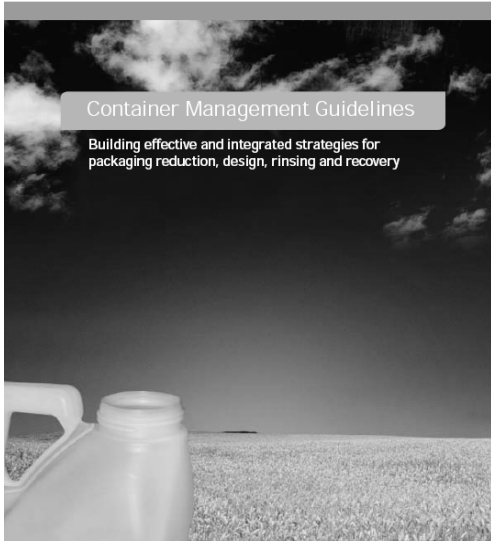
Container Management Guidelines

- New guidelines to be published by FAO
- The Basic tool:
 - ❖ Triple rinse + Puncture = >90% Risk Reduction
- ECPA guidelines available

www.ecpa.be/files/ecpa/documentslive/14/14313_ECPC-Guidelines-on-sustainable-use-of-cpps.pdf

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Container Management Guidelines

Building effective and integrated strategies for packaging reduction, design, rinsing and recovery



Thank you very much!