

Examples of cooperation projects conducted in Sweden

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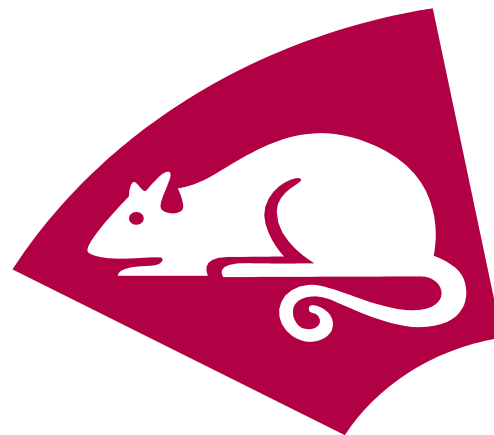
Biocide project in Sweden 2008-2009



A project in cooperation with local authorities

This presentation

- Background to the project
- Biocide regulation
- Work method
- Inspections
- Results
- What happens now?



Background

Why a project on biocides?

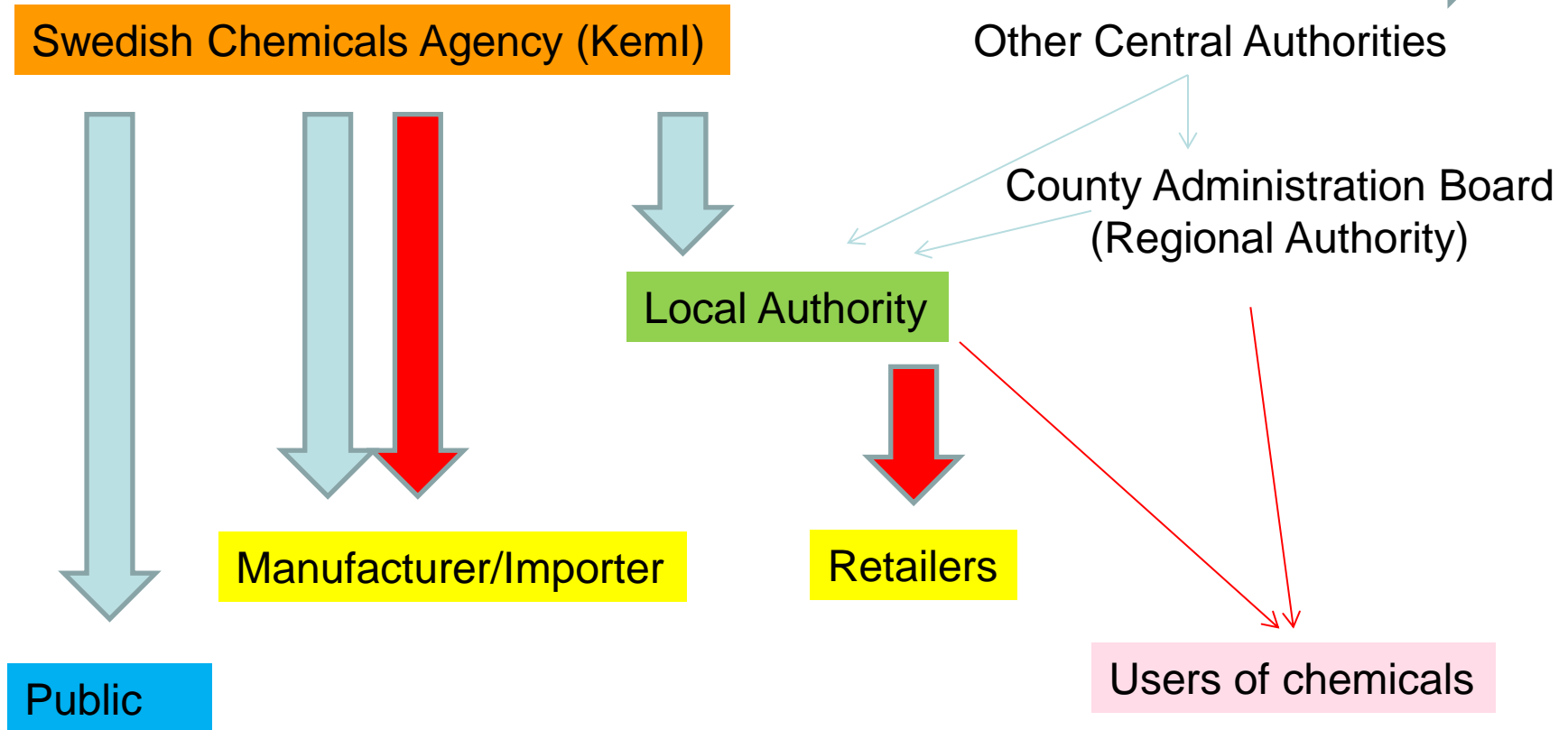
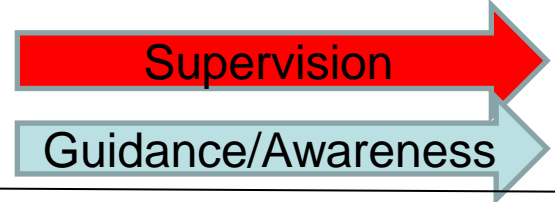
- Widely spread into the environment
- Many biocides have adverse effects to health & environment
- Most biocides need an approval before placing on the market
- Many of the biocides on the market are, though, not approved

Background

Why a project in cooperation with local authorities?

- More products are found and controlled
- Knowledge about the legislation is transferred to the whole chain of distributors, even to the retailers
- Kemi educates local inspectors in enforcement of biocidal products

Responsibilities, “placing on the market”



Purpose of the project

- **To get non approved biocidal products off the market by inspecting the whole distribution chain**
 - Manufacturers/Importers
 - Retailers
- **To guide the local inspectors in this regulation**
 - Guidance documents
 - Checklist
 - Interpretation of the regulation

Directive 98/8/EC

4 main categories and 23 product types

The four main categories are:

1. Disinfectants and general biocidal products
2. Preservatives
3. Pest control
4. Other biocidal products (antifouling)

Approvals

EU-level

Evaluation and approval of active substances

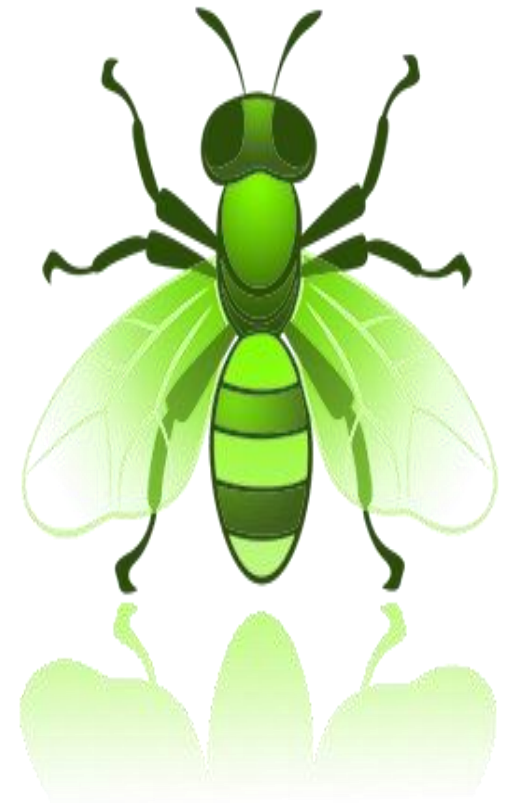
National level

Approval of biocidal products

The register for biocidal products in Sweden

Information about:

- Company details
- Approved products
- Products no longer approved
- Active substances in products
- Terms for use and field of application
- Use – and sale prohibition



Work method

- ✓ Guidance to the local inspectors
 - ✓ Inspections by local inspectors at retailers
 - ✓ Identification of M/I of biocidal products
 - ✓ Reporting of results to Keml
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- ✓ Inspections by Keml at M/I of the biocidal products reported as non approved

Results from inspections by local authorities (spring 2008)

828 retailers have been inspected all over Sweden
9313 biocidal products where reported to KemI as controlled,
12 % out of these were reported as non approved

Product-types reported:

- PT 8 Wood preservatives
- PT 10 Masonry preservatives
- PT 14 Rodenticides
- PT16 Molluscicides
- PT 18 Insekticides, acaricides....
- PT 19** Repellents and attractants



Inspections by Keml (winter 2008/2009)

150 non approved biocidal products reported

82 Manufacturers / Importers

38 inspection cases started by Keml (by mail)

Criteria for prioritisation:

➡ Direct exposure to humans / animals

Remaining companies will be included in other enforcement projects

Penalties



Retailers

Selling non approved biocidal products:

➡ Report to prosecutor

Selling biocidal product which approval no longer is valid:

➡ Environmental sanction fee

Manufacturers / Importers

Placing non approved biocidal products on the market:

➡ Report to prosecutor

What has been achieved?

Increased knowledge biocides / regulation

- Retailers
 - Manufacturers / Importers
 - Prosecutors
 - Industry associations (zoo)
 - Consumers (through media)
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- “Clean up” at the retailers (stores)
 - Reduced “inflow” of non approved products

Discussion

How come that so many biocidal products have been outside the system for evaluation and approval?

Follow up

Spring 2010



- Information material for consumers
- Safe choice of products – approved products

Target groups:

Horse and Dog "people"

Thank you!



Chemicals used in farming 2011 – a National cooperation project



Background

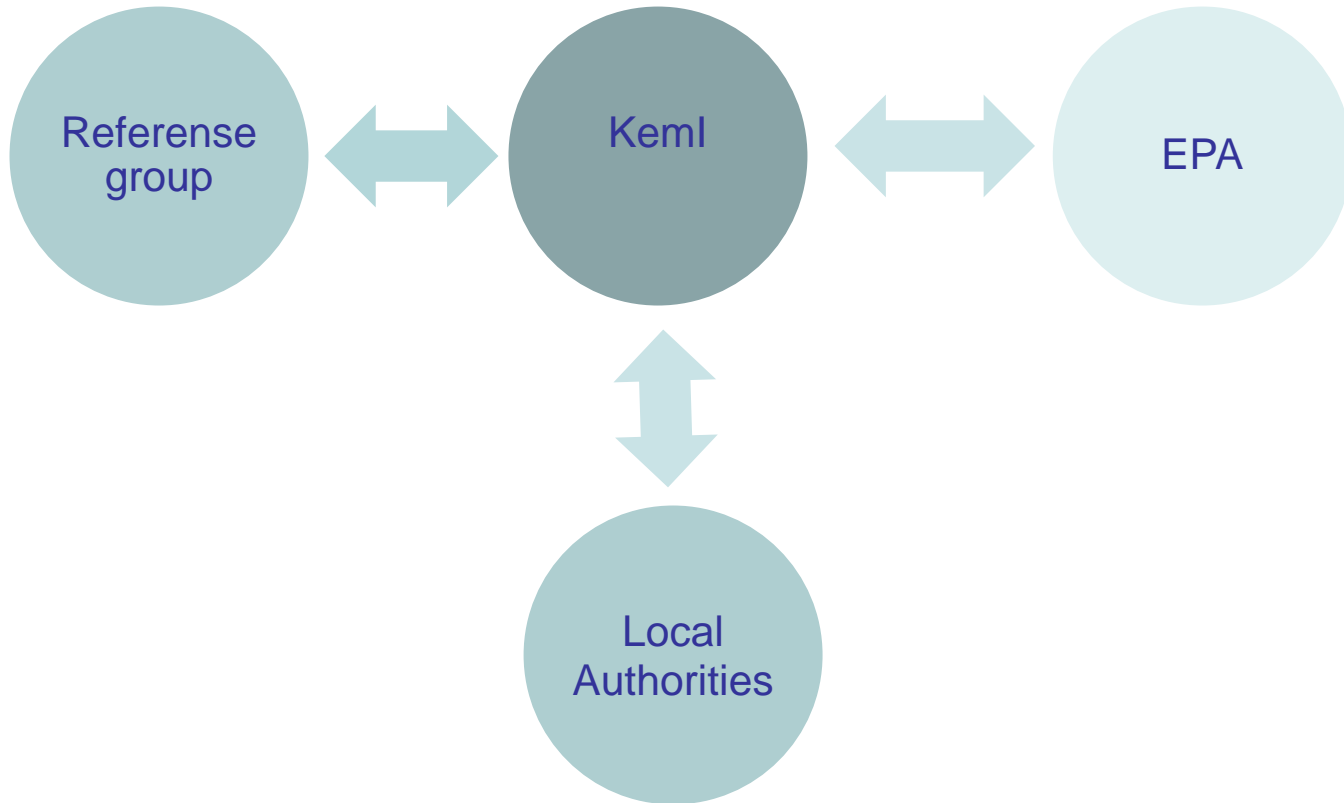
- The conditions for use of pesticides needs to be authorised before placed on the market (**Kemi**)
- Legislation on how to use pesticides (**EPA**)
- Control of farmers/users of pesticides (**Local Authority**)
- Guidance responsibility of Local Authority (**EPA**)
- Issuing of certificates for using the most hazardous pesticides (**County Administration Board**, (Regional))
- Education of farmers on how to use/spread pesticides (**Board of Agriculture**)
- Control of pesticide residues in food (**National food Agency**)

Purpose

- The purpose of this project is to reduce environmental and health risks by improving users knowledge on safe handling and use of pesticides used in farming.



Co-operation





Methodology

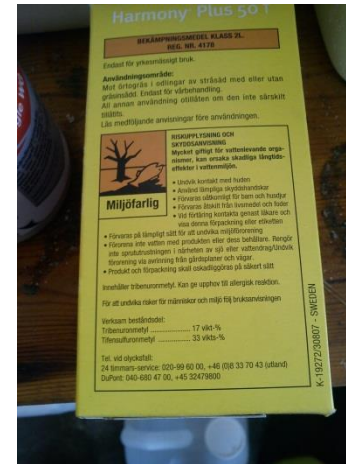
1. Information/application(sep/oct 2010)
2. Starting up seminars (jan 2011)
3. Inspections (EPA and KemI giving guidance, spring 2011)
 - Information sent to farmers
 - Checking documentation about the use of pesticides
 - Preparate approved?
 - Condition for use approved?
 - Dose?
 -
 - Checking product information (SDS & label)
4. Report from local inspections to KemI (aug 2011)
5. ***KemI inspection of primary suppliers (okt 2011)***
6. Final Report (dec 2011)

SPRUTJOURNAL			
Datum (ååmmdd)			
Sprutförare			
Klockan			
Skifte			
Gröda			
Preparat och dos (kg/ha eller liter/ha)			
Blommande vegetation ¹⁾			
Temperatur (°C)			
Vindstyrka (m/s)			
Vindriktning			
Markanpassat skyddsavstånd (avstånd och objekt)			
Vindenpassat skyddsavstånd (avstånd och objekt)			
Påfyllningsplats och rengöringsplats			
Karenstid ²⁾			
Skördedatum ³⁾ (anges vid skörd)			
Övrigt			

1) Däggplantor uppgift när mskod är särskilt skadliga för pollinerande insekter.
2) Vardagens krav vid skörd för den som producerar livsmedel eller foder.
3) Gruppen Växtskyddet är ett samarbetsprojekt mellan LRF, Gröna näringsansvariga, Jordbruksverket, Naturvårdsverket, Lantmännen, Kemikalieinspektionen och Svenskt Växtskydd.

KIL 2011, pesticides in use



Documentation

A farmer using pesticides professionally are obliged to document

- Name of product
- Dose
- Time of the day
- Location
- Temperature
- Wind
- Distance to water
- Location for filling of preparat and cleaning the tank

Documentation have to be kept for at least 3 years by the farmer

Sprutjournal

HI-KETTE Rosden

Sprutjournal för skifte		ha	år	vind- och väderleksförhållanden			
datum	kl.	preparat	dos/ha	vattenmängd	temp.	vindstyrka	vindriktning
25/5	430	EX/PR/200	1 ml/200	7+	230		
25/5	2100	-	-	-	10+	-	-
26/5	430	-	-	-	6+	-	-
26/5	2100	-	-	-	8+	-	-
27/5	400	-	-	-	5+	-	-
TRINOR 2L/10L							
1/7	400	ROU/10	4 lit/200	12	-	-	-
1/7	210	-	-	-	19	-	-
2/7	400	-	-	-	13	-	-
2/7	210	-	-	-	20	-	-
3/7	400	-	-	-	14	-	-
3/7	210	-	-	-	15	14	-
4/7	400	-	-	-	14	-	-

Övriga noteringar t ex motiv, orsak och grad.

”Chemicals used in farming” – proposed outcome

- Less negative environmental effects
- Improved work environment for farmers
- Less residues – ”safe” food



further e.g. for cooperation

- Biocides
- Consumer chemicals found at retailers
- Substances in Articles/Products
- Import/Export