

Case study:
K10: Stocks of obsolete pesticides,
Republic of Karelia

Procedures and Criteria on Exclusion
of the
Barents Environmental "Hot Spots"



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Environmental "hot spot" K10

- K10: Stocks of obsolete pesticides
 - 2.5 tons of obsolete DDT is stored in "Sortavala Agroservice" in poor conditions
- **Project proposed**
 - Elimination of a stock of obsolete DDT in "Sortavala Agroservice"



Procedures

Step 1:

Initiation of the procedure,
including the formulation of a
prioritisation list and the
appointment of an “Assigned
Federal Authority”

Step 1: Initiation of the procedure

- Obsolete pesticides Karelian environmental priority
- Rostekhnadzor supervises hazardous waste management in RF
- The Karelian Ministry of Agriculture, Fishery and Environment assumed responsibility for management of obsolete pesticides
- Discussions b/w Finland and the Republic of Karelia



Step 2: Screening and analysis

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- Based on information available in 2003, the total stocks of op's in Karelia were 23 tonnes
- In 2007, the inventory prepared by the Karelian Ministry showed: pesticides in total 12 tonnes
- The original owner of the "hot spot" pesticides, "Sortavala Agroservice" no longer existed
- "Hot spot" very small for a cost-efficient export project (transportation costs)



Step 3:
Definition of “hot spot” issue and
exclusion criteria

= Principles for determination of
"hot spot" specific criteria:
e.g. geographic boundaries,
application of BAT and BEP...

Step 3: Definition of “hot spot” issue and exclusion criteria



- Success criterion: environmentally sound destruction of the pesticides
- The Karelian Ministry assumed responsibility for the disposal of the collected obsolete pesticides
- Krasnyi Bor the only option within Russia
- Scope increased to include the whole Republic

Step 4:
Drafting the “action plan”

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- Strategy: Export of OP to Finland for destruction
 - Extended to all Karelian OPs
- Official negotiations between authorities (MoEF, Karelian ministry...)
 - Funding (incl. local contribution and Finnish grant)
 - Local in-kind contribution
 - Permitting procedures
 - Consultant selection
- Collection of OPs from 23 Karelian sites to Petrozavodsk Central Storage

Step 4: Drafting the “action plan” (cont’d)

- The commercial contract between OAO Agrokhimiya and Ekokem on destruction, implementation and funding
- Acquiring Export permits according to Basel Convention
- Acquiring UN approved packaging material
- Repackaging
- Transportation to Finland
- Destruction



Step 5:
Approval
of Action Plan



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- "Action plan" was approved by the Karelian Ministry of Agriculture, Fishery and Environment
- Funding arrangements approved by MoEF, Karelia



Step 6: Implementation of the action plan

Step 6: Implementation of the “action plan”

- Collection of OP in Karelia, Autumn 2007
- Application for necessary permits
- Repackaging and transportation to Finland in June 2008
- Destruction



Basic principle:
after work on the "hot spot" has
been completed, it does not
violate the relevant environmental
requirements of
the Russian Federation

Step 7: Application for exclusion

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www.ekokem.fi



Agrochemistry Joint Stock Co
Station Tomitzy
Karelskaja respublika
RU-185650 Petrozavodsk
RUSSIA

08.07.2008

EKOKEM declaration number: 253242/1, 253243/1, 253244/1, 253245/1
Movement document number: FI 002142-1
Number of packages: 60

CERTIFICATE OF DISPOSAL

We hereby certify, that your waste consisting of total 12 780 kg Pesticide waste, which was delivered on 12.06.2008, has been received to Ekokem, Riihimäki and safely disposed of by incineration by 08.07.2008.

Certified by

EKOKEM OY AB

Nina Mäntylä

- “Hot spot” K10 is mature for application for exclusion
- A clear process needs to be worked out

Step 8: Exclusion from the Barents Environmental "Hot Spots" List

Step 8: Exclusion from the Barents Environmental "Hot Spots" List

- Hopefully this decision will be taken at the next BEAC Meeting of the Ministers of the Environment!

