



# CWPharma

## Recommendations on efficient dissemination of environmental information on pharmaceuticals

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Final seminar, November 18



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## A4.2 Recommendations on efficient dissemination of environmental information on pharmaceuticals

### Structure of the report

1. Description and evaluation of the already implemented practices on dissemination of environmental information of pharmaceuticals in Sweden.
2. Short overview of dissemination of information in other BSR countries.
3. Formulation of eight recommendations divided in four topics:
  - Education and training
  - Databases and guidelines
  - Dissemination of information to public
  - Collaboration among stakeholders

## A4.2 Recommendations on efficient dissemination of environmental information on pharmaceuticals

- **Education and training**

1. Introduce the topic of environmental aspect of pharmaceuticals in the education for doctors, pharmacist, veterinarians and nurses to connect environmental aspects to daily working methods.
2. Perform training courses for health care personnel focusing on practical issues concerning e.g. pharmaceutical waste, handling of pharmaceuticals in the local hospital or health care center and guidance to citizens.

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- **Databases and guidelines**

3. Investigate the possibility to establish national interfaces to the Swedish databases FASS or “Pharmaceuticals and Environment” (Janusinfo).

4. Establish guidelines for prescription of pharmaceuticals according to environmental considerations.

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- **Dissemination of information to public**

5. The national authorities, pharmacies and prescribers meet the citizens in everyday life and can improve the adherence and reduce incorrect use of pharmaceuticals.

6. Perform information campaigns and distribute booklets in waiting rooms at the hospitals to decrease the amount of unused medicines.

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- **Collaboration among stakeholders**

7. The BSR countries should investigate the possibility to establish national collaboration platforms. “Swedish Knowledge Centre on pharmaceuticals in environment” can be used as an inspiration.

8. Establish a national pharmaceutical strategy that includes environmental issues related to pharmaceuticals.

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### Conclusions

- Some recommendations might be performed without any big challenges or financial efforts while other recommendations require e.g. economic investments and changes in legislation.
- Collaboration between the EU countries is crucial to successfully implement environmental aspects in the lifecycle of the pharmaceuticals.

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# Recommendations for efficient dissemination of environmental information regarding pharmaceuticals

Clear Waters from Pharmaceuticals (CWPharma) Activity 4.2 Report





## A4.2 Recommendations on efficient dissemination of environmental information on pharmaceuticals

# Thank you!

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