

**SUSTAINABILITY INDICATOR PROJECT WORKSHEET**

Country / State:	Denmark
Name and address of institution / organisation:	Skaelskoer Municipality Naestvedvej 15, 4230 Skaelskoer Denmark Email: jj@skaelskoer.dk

Title of project / indicator theme / issue

Monitoring of Mercury in sludge from wastewater treatmentplant.

Brief description of the main problems / challenges (to be approached by the initiative)

In order to recycle sludge from wastewater treatment in the agriculture the Danish Environmental Agency has set up a set of limit values for the contents of heavy metals and other environmental hazardous substances in sludge from wastewater treatment.

Brief description of the causes to the problem / driving forces

Mercury in wastewater mainly comes from dental clinics, laboratories and other industrial activity. In order to reduce the contents of Mercury in wastewater dental clinics are required to set up Mercury absorbing filters in their discharge systems.

Used Indicators

Average contents of Mercury in sludge from wastewater treatmentplant.
Annual total amount of Mercury in sludge from wastewater treatmentplant.
Amount of Mercury per capita from household wastewater in sludge from wastewater treatmentplant.

Objectives in general

Skaelskoer Municipality will constantly work for recycling of sludge from wastewater treatment in to the agriculture. Thereby useful nutrients do not need to be produced or imported.

Objectives in specific

The contents of environmental hazardous substances in sludge from wastewater treatment shall in a long term basis be reduced by minimizing the general use in the society an industry and / or by substituting to the use of less harmful substances.

Efforts done or planned

All dental clinics has been forced to install mercury absorbing filters in their discharge system.
By dialog with companies, who are using products containing environmental hazardous substances substitution to more environmental friendly products can be done.

Graphical presentation of time related progress on selected indicators

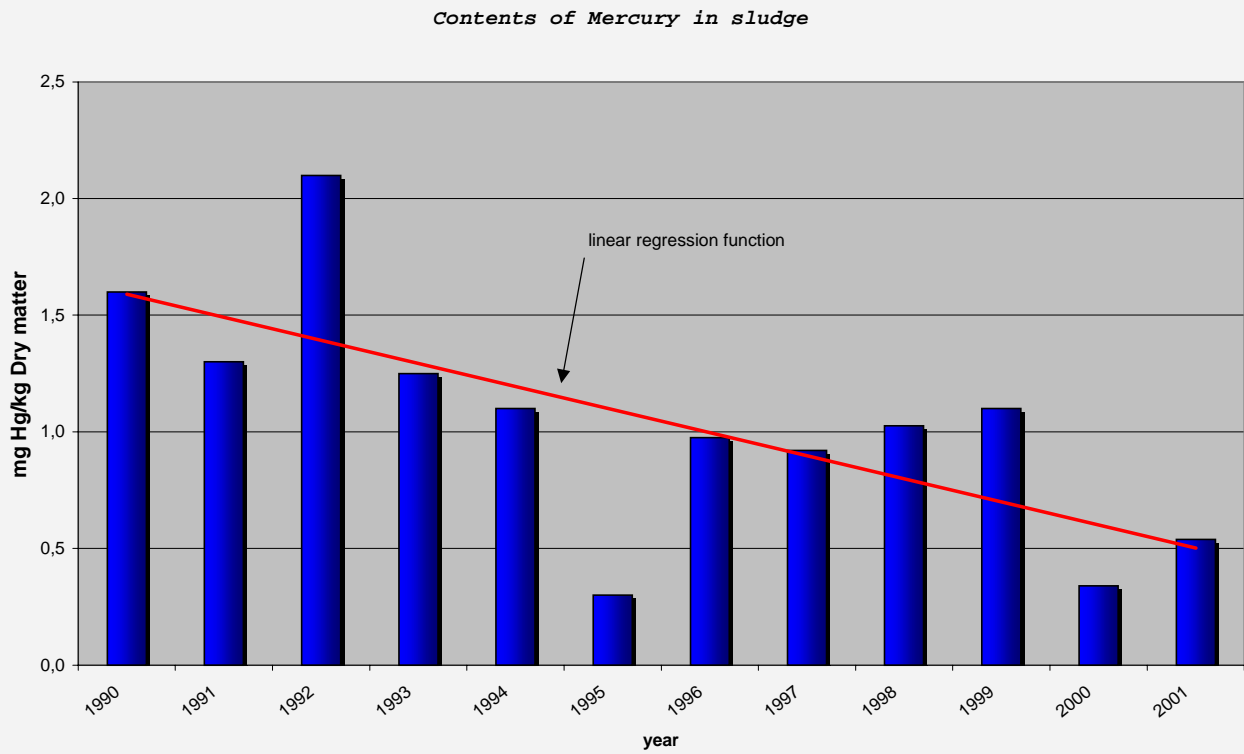


Diagram 1.

Annual total amount of Mercury in sludge from Skaelskoer Wastewater treatmentplant

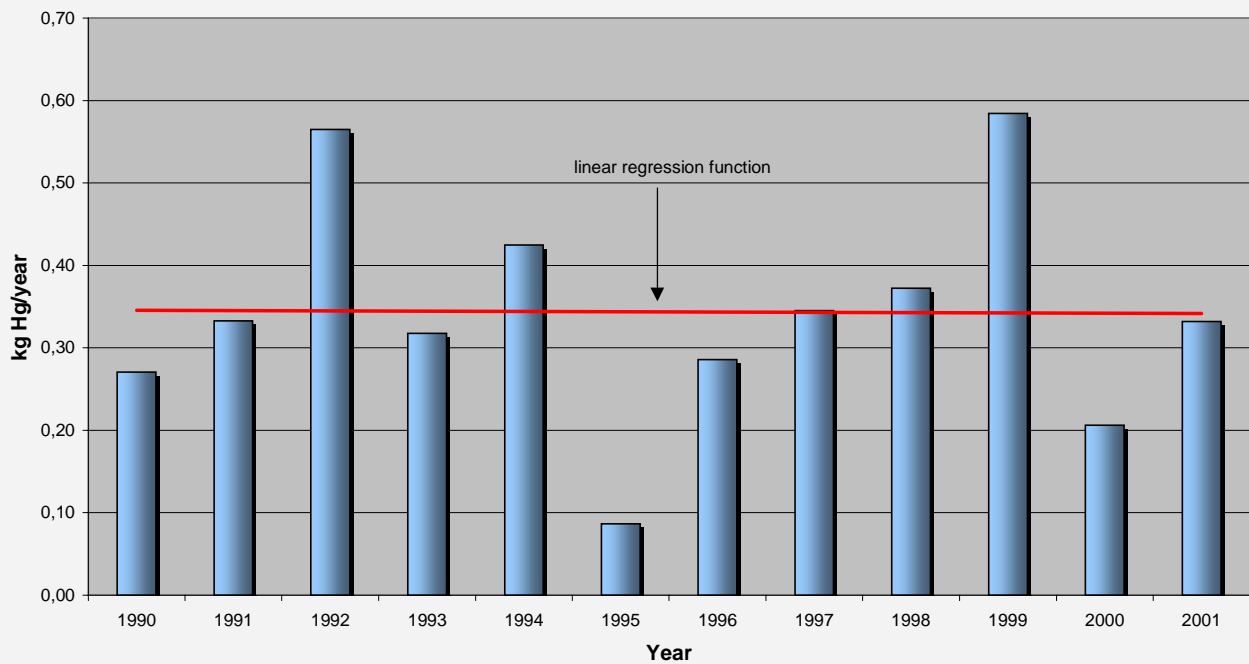


Diagram 2.

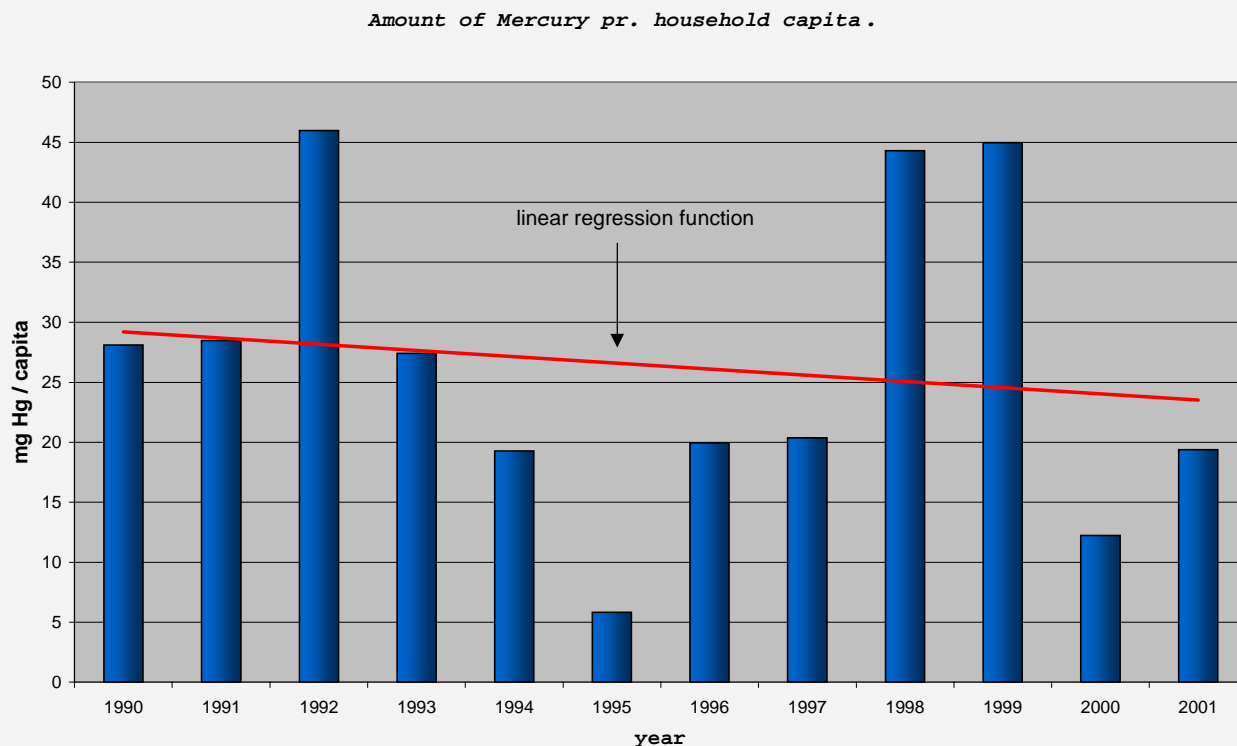
Graphical presentation of time related progress on selected indicators

Diagram 3.

How to get further information**Contact:**

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