



# EIONET Workshop on soil

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# Data requirements by DG ENV

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# Data provided in the past (without the SFD)



## Data to feed the EEA Core Set of Indicators

- CSI 014 - Land take  
Assessment published November 2005
- CSI 015 - Progress in management of contaminated sites  
Assessment published August 2007



# Data to be provided (with the SFD as it stands)



## *Article 16*

### *Reporting [contaminations part]*

1. Member States shall indicate to the Commission [within ten years after entry into force] and every five years thereafter, how the following information to be made publicly available pursuant to this Directive can be accessed:

(c) a **national list of activities** which have a significant potential to cause soil contamination drawn up pursuant to Article 10(2)(a);

(e) the **inventory of contaminated sites** established pursuant to Article 10(4);

(f) the **remediation strategy** or strategies adopted pursuant to Article 14(1);

2. Furthermore, Member States shall make the following information available to the Commission in an electronic format [within ten years after entry into force] and every five years thereafter:

(c) a summary containing the **number of sites** referred to in Article 10(2)(a) at the appropriate administrative level and specified by type of activity as well as the **number of the sites fully investigated** pursuant to Article 10(2) during the reporting period



## The Urban Audit of Eurostat



In the context of the Regional Environment Statistics, Eurostat collects information on the *Urban Audit* ([www.urbanaudit.org](http://www.urbanaudit.org)).

At the moment the only indicator included is:

- ❖ *Proportion of the area unused, including contaminated land*

In future?

- ❖ *Proportion of the area unused and/or abandoned, including brownfield sites*
- ❖ *Number of sites classified as potentially contaminated sites*
- ❖ *Total surface area of the sites classified as potentially contaminated sites*
- ❖ *Number of sites classified as contaminated sites*
- ❖ *Total surface area of the sites classified as contaminated sites*



# Beyond contamination



# Objective of the STS



The protection of soil and the preservation of **soil functions**:

- (a) food and other biomass production, including in agriculture and forestry;
- (b) storing, filtering and transforming nutrients, substances and water, as well as replenishing bodies of groundwater;
- (c) basis for life and biodiversity, such as habitats, species and genes;
- (d) physical and cultural environment for humans and human activities;
- (e) source of raw materials;
- (f) acting as carbon reservoir;
- (g) archive of geological, geomorphological and archaeological heritage.



# Soil threats covered



**Sealing**



**Erosion**



**Organic matter decline**

**Compaction**



**Salinisation + Acidification**



**Landslides**



**Contamination**





# Data to be provided (with the SFD as it stands)



## *Article 16 Reporting [except contamination part]*

1. Member States shall indicate to the Commission [within ten years after entry into force] and every five years thereafter, how the following information to be made publicly available pursuant to this Directive can be accessed:
  - (a) the **priority areas** identified pursuant to Article 6(2)(c);
  - (b) the **action programmes** drawn up pursuant to Article 8(1);
  
2. Furthermore, Member States shall make the following information available to the Commission in an electronic format [within ten years after entry into force] and every five years thereafter:
  - (a) a summary of the **measures** taken pursuant to Article 5;
  - (b) the **methodology** used for identifying priority areas pursuant to Article 6(3);
  - (d) **metadata** on priority areas identified pursuant to Article 6(2)(c) as documented digital georeferenced data in a format that can be read by a geographic information system (GIS) in accordance with the Inspire Directive;
  - (e) a summary of the measures taken pursuant to Article 15 [**Awareness raising**].





# Data to be provided (with the SFD as it stands)



## *Article 17*

### *Exchange of information*

[Within one year from entry into force], the Commission shall set up a platform for the exchange of information between Member States and with stakeholders on the implementation of this Directive, particularly best practice for soil protection and remediation, the priority area identification pursuant to Article 6, on risk assessment methodologies for contaminated sites currently in use or under development and on funding mechanisms.



## Some STS deliverables for which data are needed



- ❖ Best practices to mitigate the negative effects of **sealing**
- ❖ Interaction between soil protection and **climate change**
- ❖ Assess synergies with **river basin** management plans
- ❖ Complementarity with UNCCD, CBD, Kyoto Protocol and Alpine Convention (link with **LULUCF**)



# Update on the SFD negotiations



# Status of negotiations -1-



- ❖ First reading by the **European Parliament** adopted in November 2007:
  - Favourable opinion on **Soil Strategy**:  
Supporting the Commission in its general approach and underlining the importance for **climate change mitigation, biodiversity loss and desertification**
  - Favourable opinion on the **Directive**:  
The amendments adopted **maintain all the key elements** of the Commission proposal, providing **more flexibility** in some provisions and **strengthening** others
  
- ❖ The Council did **not** reach a **political agreement** on 20 December 2007, despite numerous efforts by the Presidency:
  - **Blocking minority** formed by DE, FR, UK, NL, AT
  - For reasons of **subsidiarity** (DE, AT, NL) and **proportionality/costs** (UK, FR)



## Status of negotiations -2-



- ❖ The **French Presidency** (July-Dec 2008) has resumed the negotiations on the proposal for a Soil Framework Directive
- ❖ Four meetings of the Working Party on the Environment (WPE) have been held under French Presidency
- ❖ However, the issue has not been discussed further at ministerial level
- ❖ The **Czech Presidency** (Jan-Jun 2009) is continuing the discussions towards a political agreement for the June Environment Council



**To be discussed...**



## ... the contribution to the Soil Chapter of SOER 2010



The **2010 Status of the Environment Report** will be published in the late summer of next year. It will be the fourth state and outlook report on the European environment produced by the European Environment Agency (EEA).

There is a need to discuss how to:

- ❖ gather
- ❖ transmit to the ESDAC
- ❖ provide the EEA with

the necessary **data pertaining to soil** to be included in the Soil Chapter of the SOER 2010.



# Thank you for your attention!



<http://ec.europa.eu/environment/soil/index.htm>