Soil Monitoring Law & contaminated sites management

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SOILveR

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Objectives

- Solid and coherent soil monitoring framework
- All aspects of soil degradation
- Aspirational objective healthy soils by 2050
- Provision of ecosystem services
  - Environment, social and economic needs
  - Climate change, biodiversity, resilience against natural disasters, food security, human health

European Commission

Contaminated sites (1)

- Point-source anthropogenic contamination
- Identification (10y) and investigation of potentially contaminated sites
- Site-specific risk assessment of contaminated sites
- Risk reduction measures for sites with unacceptable risks
- Public register and public involvement

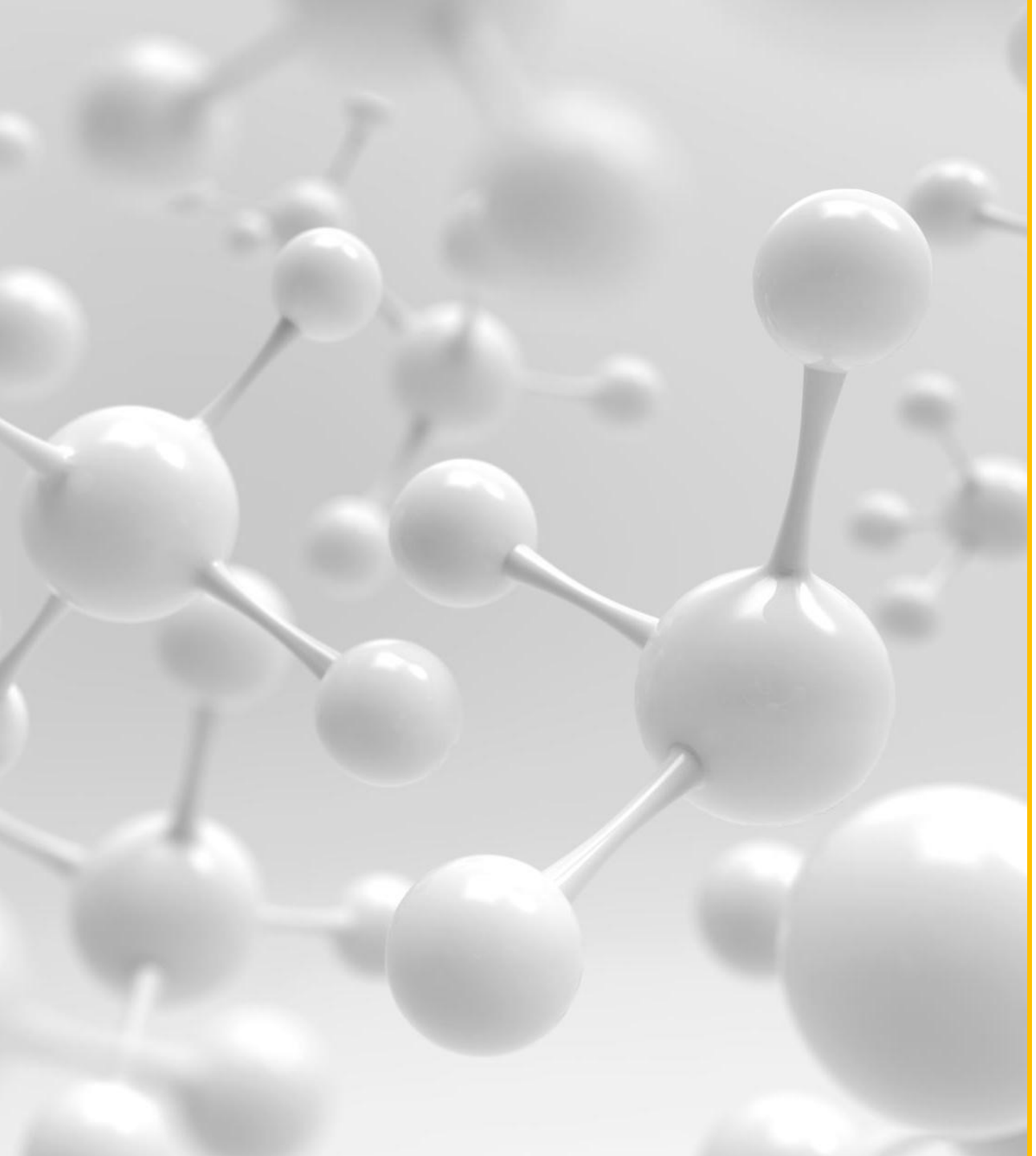
European Commission

Contaminated sites (2)

Member States should establish:

- Risk-based and stepwise approach
- Hierarchy of responsibility
- List of potentially contaminating activities
- List of events that trigger soil investigation
- Rules for soil investigation
- Methodology for site-specific risk assessment
- Definition of unacceptable risk for human health & environment

European Commission



Diffuse soil contamination

- On all sampling points with criteria to be set by MS:
  - Heavy metals (set in directive)
  - Organic contaminants (set by MS)
- On relevant subset without criteria:
  - PFAS (set by MS)
  - Pesticides and metabolites (set by MS)
  - Optional: others (set by MS)
- Commission will provide **indicative list of soil contaminants** to guide MS

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Timeline for implementation (1)

Date	Obligation	For whom
26 November 2025	Publication in the Official Journal	
16 December 2025	Entry into force of the Directive	
17 March 2026	First of the regular exchanges with Member States on application of the Directive	COM
17 December 2026	Support document to facilitate MS to establish a soil monitoring framework	COM
17 June 2027	Indicative list of soil contaminants	COM
	Support document to facilitate MS to set sustainable target and trigger values	COM
	Support document to facilitate MS to set their list of organic contaminants	COM
	Support document to facilitate MS to carry out in-situ soil sampling	COM
	Support document to facilitate MS to define the methodology for site-specific risk assessment	COM
17 December 2027	Establishment of the digital soil health portal	COM
	Support document to facilitate MS to identify potentially contaminated sites and set a list of potentially contaminating activities	COM
17 December 2028	Transposition deadline	MS
	Support document to facilitate MS to assess areas not at risk of salinisation	COM
	Support document to facilitate MS to determine the values of the soil sealing and soil removal indicators	COM
	Support document to facilitate MS to determine the values of the soil descriptors	COM

Timeline for implementation (2)

17 March 2029	Provide online access to list of soil districts, soil units, and competent authorities	MS
17 December 2029	Establish risk-based and stepwise approach for contaminated sites	MS
	Set up and maintain register for (potentially) contaminated sites	MS
	Support document to facilitate MS to assessing critical loss of ecosystem services and the impact of soil sealing and soil removal	COM
17 December 2030	First soil measurements should be performed	COM+MS
17 December 2031	First soil health assessment should be carried out	MS
17 June 2032	First reporting	MS
17 June 2033	Evaluation of the Directive, if appropriate, with a legislative proposal	COM
17 December 2035	Identification and registration of potentially contaminated sites existing before 16 December 2025	MS
17 December 2036	Second cycle of soil measurements should be performed	COM+MS
17 December 2037	Second soil health assessment should be carried out	MS

Thank you! Questions?

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