

Soil pollution and the EU soil observatory Some reflections

First EUSO Stakeholder Forum

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New EU Soil Strategy

- Communication from the Commission with a Staff Working Document
- Roadmap published online
 - > Feedback period: 5/11/2020 10/12/2021 (228 reactions)
- Open Public Consultation
 - ➤ Feedback period: 2/02/2021 27/04/2021 (1,669 reactions)
- Adoption tentatively planned for 17 November 2021
- More info: <u>link</u>

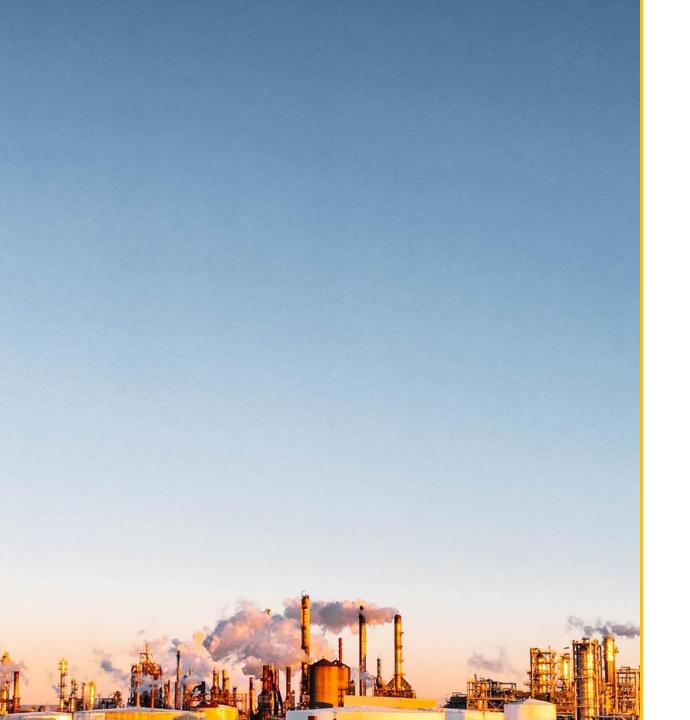




Progress to targets

- Definition of healthy soils
 - > Definition contaminated soils
- Zero pollution ambition
 - ➤ Risk-based approach
- Land degradation neutrality
- Progress on contaminated sites

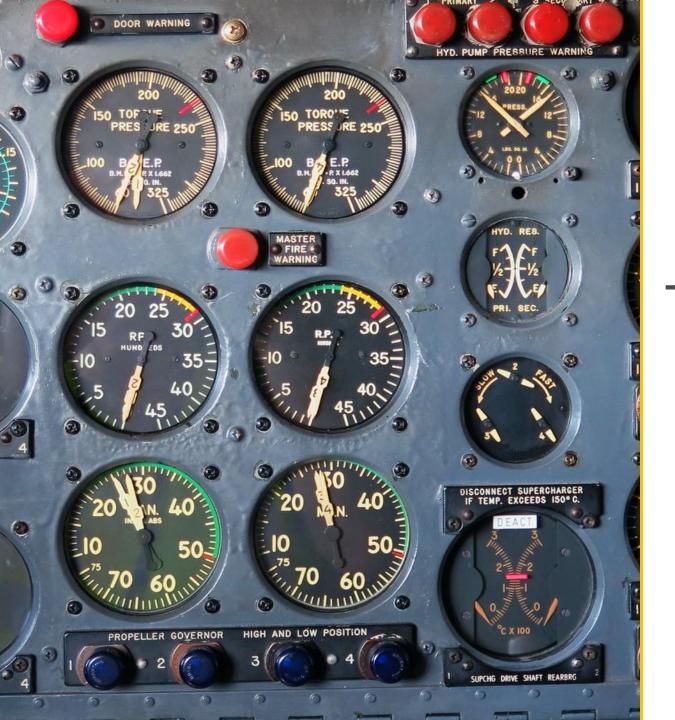




Integration

- Link soil quality with land and soil management
- Collect data about the whole pollution chain
- Soil-sediment-water system but also air (atmospheric deposition)





Indicators and data

- LUCAS survey
- National pollution monitoring
- Other sources: e.g. research projects
- **≻**Complementarity
- ➤ Policy development, implementation, evaluation
- **≻**Reporting

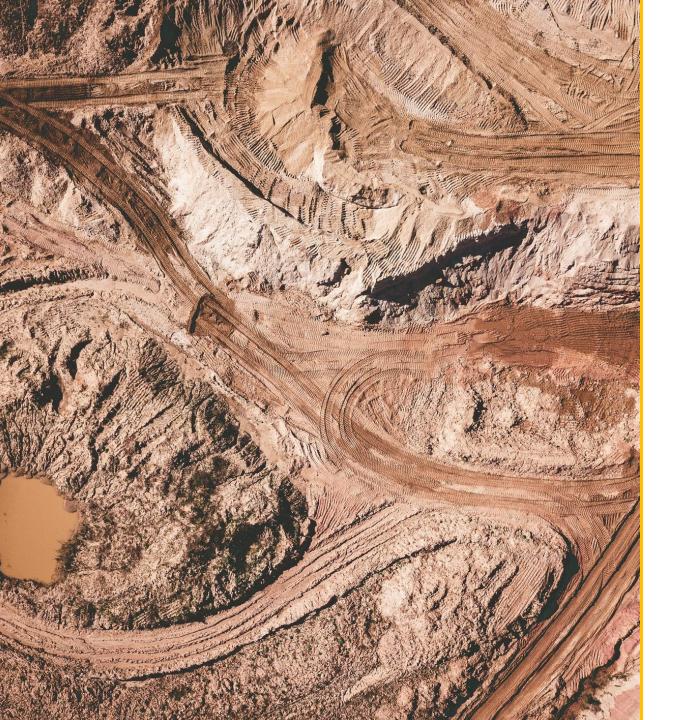




Risk assessment

- Risks of soil contamination for human health and environment
- Risks of chemical substances for soil quality and soil biodiversity
- Need for data and knowledge respository
- ➤ Contaminants of emerging concern
- Priority list for soil pollutants





Excavated soils

- Streams of contaminated vs. clean soil
- Transport, re-use, treatment, incineration, landfilling, ...
- Benchmark needed



Thank you

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