Welcome to the 2nd ELFM Seminar in the European Parliament

November 20, 2018
LESSONS LEARNED FROM COCOON

U. Stock (LfU Brandenburg) & E. Wille (OVAM)
COCOON objective: develop, integrate and improve relevant cross-cutting policy instruments on landfill management in the EU

**Landfilling**: final waste disposal sites as the end of the line in a linear economy

**Risk-based approach**
(source-pathway-target): install a safe, infinite containment

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COCOON Analysis:
- Poor exchange of data of (former) landfills
- Majority of old landfills (<1999) seldom state of the art
- LT-effects not limited to landfill scale: local level to global level
- External impact underestimated: climate change, spatial pressure, flooding, soil sealing, drinking water protection
- Rarely landfilling with regard to re-mining (monofills)

COCOON Conclusion:
- Dynamic landfill management approach required (demand & supply)
- Integration in broader frameworks: CE, resource efficiency, sustainable development

Guarding the status quo: Is this static concept robust to environmental changes?

Is this the end of story?

Transit to a dynamic landfill management focusing on Resources and Reserves in order to provide Waste to Materials/Energy/Land & Protection of Resources

COCOON EP-seminar team: Eddy Wille, Ulrich Stock, Jan Frank Mars, Annick Vastiau, Michaël Van Raemdonck
Lessons learned from RAWFILL

C. Neculau (SpaQue)

Objective Rawfill = To encourage future profitable LFM projects:

- **Common inventory structure** for landfill sites by integrating economic potential of sites
- **Innovative investigation method of landfill sites** by combining traditional with geophysical methods (to reduce cost and duration, to give more detailed information about landfill content)
- **Decision support tool**: selection of most profitable LFM projects
- [These methodologies are currently being tested through 7 pilot sites]

Identified drivers for landfill mining operations

- ONOZ site: value of lime and ashes – low value of the land
- Lingreville: environmental risks (waste in sea) critical situation, visual aspects
- Le Marais: environmental risks – protection of groundwater
- **Recovery of materials, land recovery, new economical projects, reduce environmental risks, infrastructure constructions, recreative areas, human health**

First Greendeal in Wallonia region

- For LFM project Onoz site, via Rawfill