

COCOON - Public Waste Agency of Flanders

# REPORT ON MAPPING

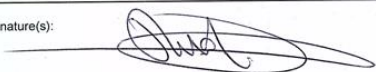
# History

- ▶ Idea existed before the COCOON-project
  - parliamentary questions about LF's in 2015 show limited knowledge
  - Need for more information and an easier exchange
  - Addressing to which platform or authority?

EUROPEAN PARLIAMENT

EN

FORM FOR TABLING A QUESTION FOR  
WRITTEN ANSWER (Rule 130)

<b>Select only one addressee:</b>			
PRESIDENT OF THE EUROPEAN COUNCIL	<input type="radio"/>	COUNCIL	<input type="radio"/>
VICE-PRESIDENT / HIGH REPRESENTATIVE	<input type="radio"/>	COMMISSION	<input checked="" type="radio"/>
Priority question	<input type="checkbox"/>		
AUTHOR(S):	Hilde VAUTMANS		
SUBJECT: <small>(please specify)</small>	Stimulating Enhanced Landfill Mining as part of the transition to a circular economy		
TEXT:	<p>Europe consists of a vast, untapped potential of material stocks in 150,000 to 500,000 historic and still active landfills in the EU-28. In view of the development of a new circular economy package and the potential role of Enhanced Landfill Mining in this package, further consideration should be given to the following issues: Many landfills pose major environmental and human health risks if left unaddressed. Member States will have to use taxpayers' money to remediate the most problematic sites. Has the Commission performed any calculations on the future remediation costs for the EU-28?</p> <p style="text-align: right;"><b>NO</b></p> <p>Contrastingly, the EU's landfills contain significant amounts of base and critical metals, minerals, energy carriers etc. which can be recovered. Has the Commission performed a mapping of the resource potential of its 150,000 to 500,000 landfills?</p> <p style="text-align: right;"><b>NO</b></p> <p>To be cost-effective for private companies, Enhanced Landfill Mining requires cutting-edge separation, transformation and upcycling technologies to deliver metals, materials, energy carriers and land. Does the Commission plan to support R&amp;D and/or pilot activities, as well as demonstration projects, which explicitly address Enhanced Landfill Mining?</p> <p style="text-align: right;"><b>NO</b></p>		
Signature(s):			Date: 18.05.2015

# Intended output

- ▶ **Description of national/regional problems**
- ▶ **Exchange of experiences & information**
- ▶ **Policy recommendations**

# Main concern: data compatibility

Mashup of 'remediated' and 'sanitary'	Closed remediated	Remarks	Active non-remediated
Andalusia	No	In tonnes or m <sup>3</sup>	
Brandenburg	No cate	In m <sup>3</sup>	
Cyprus	None	In tonnes	
Flanders	> 1984	In tonnes	
Malta	No input	In tonnes	
Netherlands	> 1991	In tonnes	

Mono LF's  
Mono LF's  
Mono LF's

Extra category  
not mentioned  
by others

1. Data about annual LF amount
2. Data on total LF amount
3. Data on total LF amount is not credible

# General conclusions

- ▶ **EU directive is fully implemented in all examined regions.**
- ▶ **The directive is only used for present landfills, not for management on former landfills. Regional initiatives are also absent.**
- ▶ **Legislation will be implemented mainly when it concerns a mandatory action from a higher governmental body or after incidental events.**

# General conclusions

- ▶ **In view of a circular economy, the focus is still very often limited to managing and not mining.**
- ▶ **Data is collected continuously, but the accessibility and compatibility among regions is unsatisfactory.**
- ▶ **New policies should be applicable to a landfill in a broader environment, not be limited to the waste alone.**

# Thank you for your attention!

