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Interreg



Co-funded by
the European Union

Meuse – Rhine (NL – BE – DE)

CIRHECA - MR



Maastricht University – The EU university



Maastricht University – The EU university



Founded in 1976



22.000 students and 5.000 employees



Multidisciplinary approach in research
and education



6 Faculties

Faculty of Science and Engineering

3700
students

470
staff

51.6%
International
staff

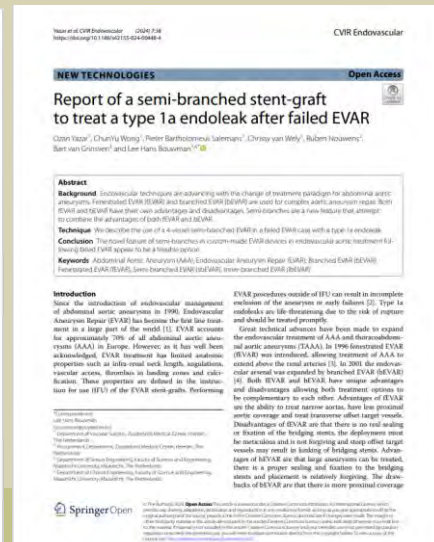
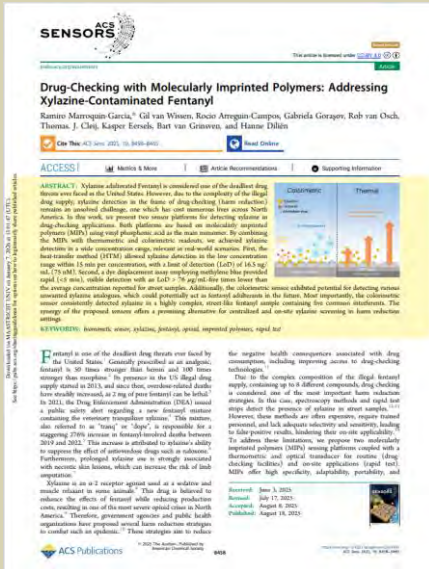
73.1%
International
students

12
research
departments

5
master's
programmes

7
bachelor's
programmes

Collaboration Zuyderland



Collaboration Zuyderland

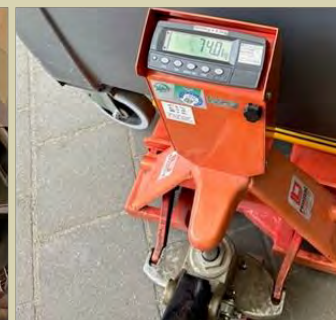


Collaboration Zuyderland



Problem

- Motivation
2 OR procedures Pr. L. Bouwman 24th April



21 kg residual waste

74 kg - 53 kg weight empty container

1 kg clean foil

1,5 kg paper/cardboard

Problem

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Solution

- The pink bag pilot



- Pilot successful completed

Care – Industry - Academia

Meuse – Rhine (NL – BE – DE)

CIRHECA - MR



The consortium

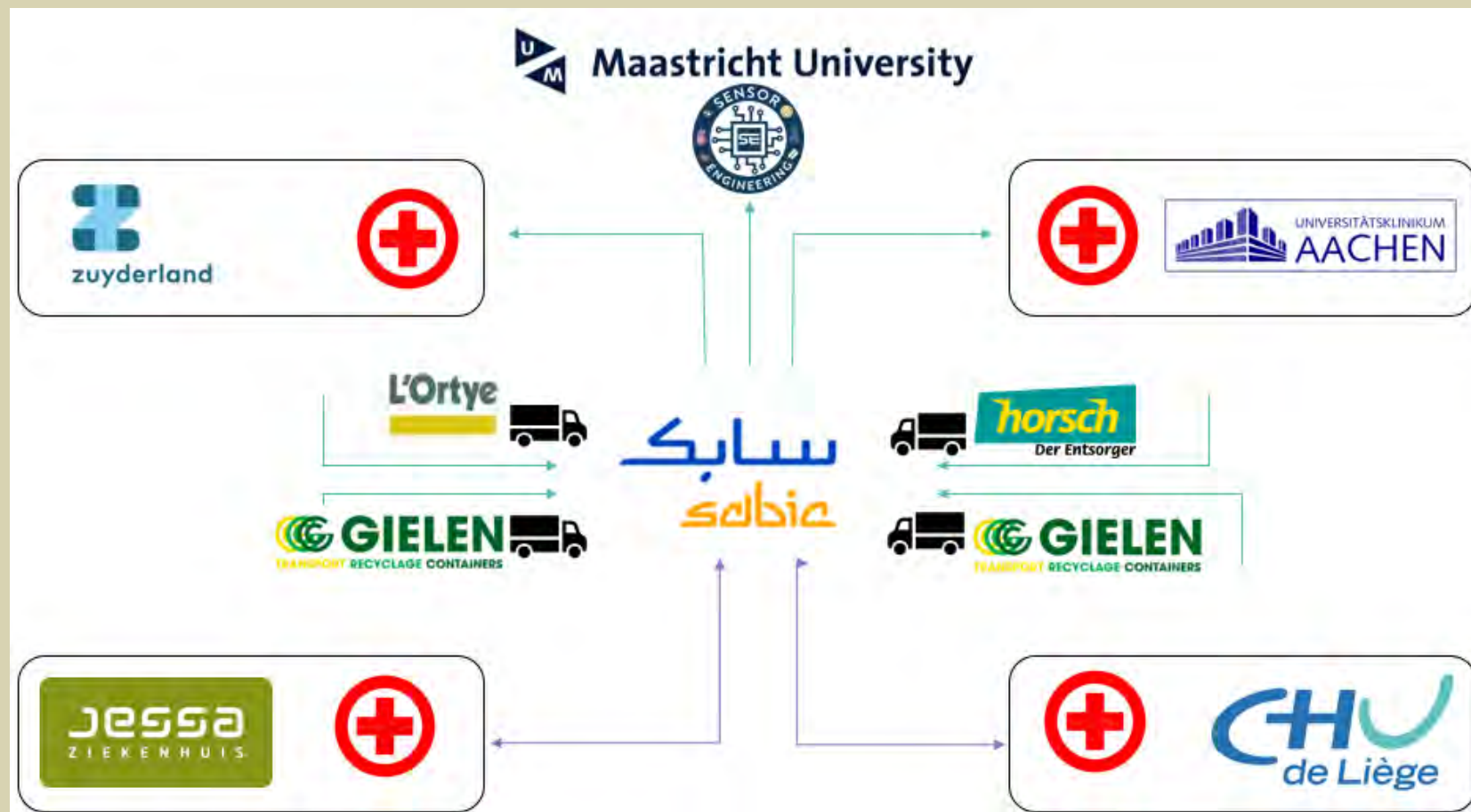
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Workpackages | Overview

WP3

Implementation cross border transport & closing the loop



- 3.1 Recycling cross border
- 3.2 optimisation recycling process
- 3.3 Implementation cross border & closing the loop

WP2

Legislation & business case on cross border transport



- 2.1 Overview current regulations
- 2.2 Report recommendations for government
- 2.3 Business case report

WP1

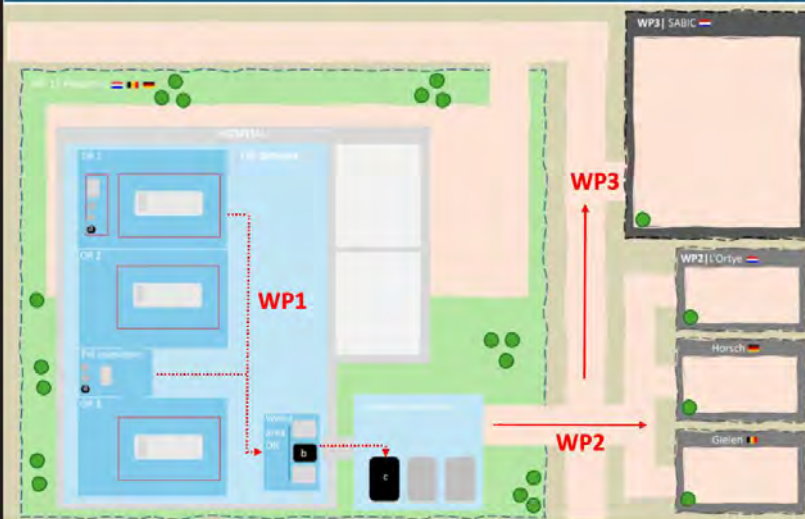
New recycle strategy for hospitals



- 1.1 Procedure waste sorting
- 1.2 Protocol waste sorting
- 1.3 Mass inventory waste

Workpackages | Overview

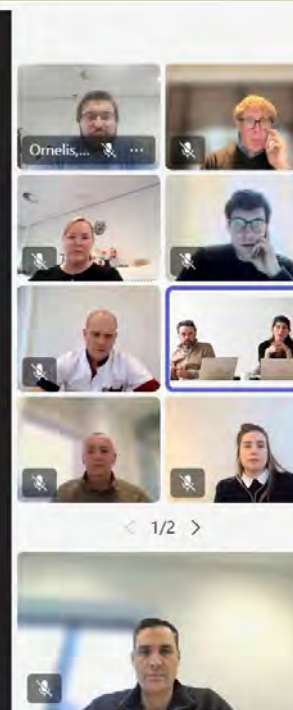
Workpackages | Graphic



WP1 | New recycle strategy for hospitals

WP2 | Legislation & business case on cross border transport

WP3 | Implementation cross border transport & closing the loop



WP1

New recycle strategy for hospitals

Workpackages | Overview

WP2

Legislation & business case
on cross border transport



CIRMEGA – Circular Healthcare Transformation

Work package 2: SPEAR site visit

Date: 16 January 2025
Time: 12.00 – 15.00
Location: SPEAR site | Kerenshofweg 101, 6167 AE Geleen
Meeting Chair: Gert Couët | Bart van Grinsven
Minutes prepared by: Janine Strijdonck

Participants

Jean L'Ortye	L'Ortye Transportbedrijf BV
Axel Gielen	Groep Gielen
Jan Jaap Koopman	WastePoint
Bas Ruijters	L'Ortye Transportbedrijf BV
Marianne van Eynde	SABIC Petrochemicals BV
Gert Couët	SABIC Petrochemicals BV
Jan Holla	SABIC Petrochemicals BV
Bart van Grinsven	Sensor Engineering, FSE, Maastricht University
Janine Strijdonck	Sensor Engineering, FSE, Maastricht University

Objectives of the Meeting

The objective of the meeting was to obtain practical and operational insights relevant to work package 2, focusing on the processing, quality requirements, and transport of medical plastic waste.

Agenda

- Gathering at Gate 5 and welcome in meeting room
- Joint tour at Spear site
- Macro alignment on CIRHECA project
- Latest update on SPEAR feedstock requirements
- Feedback on 2 L'Ortye test bales
- Next steps & conclusions

Meeting summary

SPEAR tour and review of medical plastic waste delivery

The participants were welcomed by Marianne, Gert and Jan. After a short introduction, Marianne, Plant Manager van de SPEAR site, provided the mandatory safety instructions. Subsequently, the required personal protective equipment, including safety clothing and footwear, was distributed.

Workpackages | Overview

WP3



Implementation cross
border transport &
closing the loop



Status



Maastricht University



zuyderland



UNIVERSITÄTSKLINIKUM
AACHEN

- Waste protocols mapped out
- Discussions towards a carried common protocol

JESSA
ZIEKENHUIS



CHU
de Liège

Status



- Ongoing discussions regarding legislation for cross border transportation

Status



- Waste bales that have been delivered so far can be processed by SABIC.

Where do you come in?

