

PROJECT

**POLREC**



# Deliverable D2.1 WP2 online kick-off meeting 28th November 2022





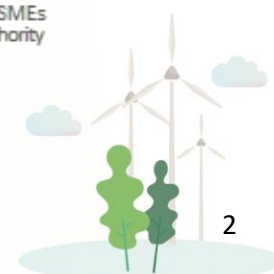
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V1.0	28/11/2022	Roxane Girard (POL)	Minutes from on-line WP2 kick- off meeting
V1.1	29/11/2022	Dorte Walzl Baelum (PCD)	Minutes from on-line WP2 kick- off meeting
V1.2	14/12/2022	Roxane Girard (POL)	Minutes from on-line WP2 kick- off meeting
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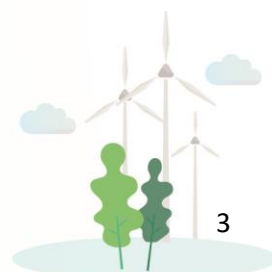
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## 1. List of participants

Table 1 – List of participants

Partner short name	Partner	Country
<b>POL</b>	Polymeris	FR
<b>CEN</b>	Centro Tecnológico da Indústria de Moldes, Ferramentas Especiais e Plásticos	PT
<b>MAV</b>	Clúster de Materials Avançats de Catalunya	ES
<b>PDC</b>	Plast Center Danmark	DK
<b>WFG</b>	Wirtschaftsförderung Raum Heilbronn GmbH	DE

Name of the participants per partner :

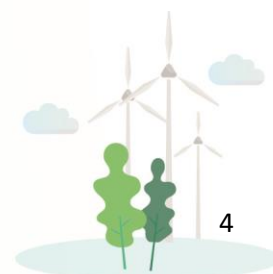
WFG: Daniela Adelhelm - LEAD

PCD: Dorte Walzl Bælum

Polymeris: Roxane Girard

Centimfe: Tânia Mendes, Rui Soares

MAV Cluster: Ona Bombí Aymerich and Jose Munoz





## 2. Content of WP2

Please refer to the PowerPoint presentation.

## 3. Timetable

Please refer to the PowerPoint presentation.

## 4. Upcoming Tasks

### Upcoming task and deliverable:

**Discussion of the preparation of the up-coming task: Mapping of European plastic waste streams and roadmap of European recyclers (D2.2)**

Deadline: 30 August 2023

- First step: Mapping of the waste stream and recyclers in each partner's country

The partners will conduct further research on these topics and provide a list of recyclers and of main polymer waste being recycled (if possible with the amount of each type of waste) by the **end of January 2023**.

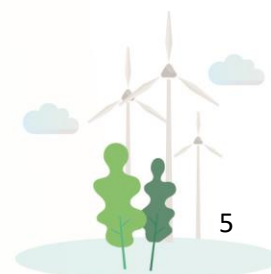
People in charge of this task are:

WFG:	Daniela Adelhelm - LEAD
PCD:	Dorte Walzl Bælum
Polymeris:	Roxane Girard
Centimfe:	Tânia Mendes
MAV Cluster:	Ona Bombí Aymerich and Jose Munoz

WFG will prepare a survey on the knowledge, services or products and especially the interests / objectives in recycling of the identified SME members and the materials that may be exchanged between value chains, within and across sectors (D3.3). Each partner will disseminate the survey to its SMEs and the results will be collected by the end of January 2023 and will help to build the mapping.

- 2<sup>nd</sup> step: Mapping of the European recyclers and waste

POL will together with PCD and WFG schedule a meeting with Plastics Europe Recyclers to present the POLREC project. We plan to discuss synergies, collect public data and information available on European waste and recyclers. Moreover, we would like to collect potential contact information on relevant clusters and main recyclers located in other European countries than the ones covered by the consortium. The meeting shall be scheduled before the 20<sup>th</sup> of December 2022.





A meeting with the project's partners will be scheduled in February 2023 to compile the results from the partners research, the survey, and meetings with Recyclers Plastic Europe and to draft a first version of the D2.2 mapping.

## 5. Preparation of later tasks in WP2

### **Later task: Mechanical recycling of plastic waste fractions (T2.3)**

Duration and deadline : From month 12 to month 24

- First step: Organising the open calls and voucher system

Decision of the partners to organise 2 cut-off for each open call (separated by at least 6 months) and not continuous open call. PCD suggests to organise the chemical and meachanical open calls at the same time. This is suggested to avoid capacity problems at the recyclers: The partners need to investigate this possibility further among their recyclers to see if this is preferable for SMEs. Decision at the next meeting in February 2023.

Total amount per voucher: Needs to be publicized and communicated to attract SME, but if the project has to support the total number of SMEs for each open call, the partners must keep in mind, that the grant will be lower for most of the SMEs. There is an increasing concern about the raise of energy prices that raises the cost of mechanical and chemical recycling, making the voucher potentially less attractive for SMEs.

Duration of the voucher : 6 months

Payment procedure: 40% up front and 60% after the reception of the test results from the service provider/ SMEs. A short test report from the service-provider and the SMEs will be asked after the recycling is done.

Issues to further investigation:

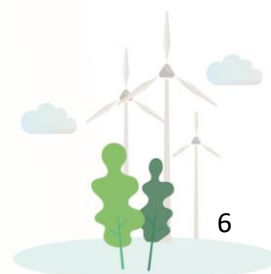
- Does the project have to support the total number of SMEs indicated in the POLREC proposals document for each voucher? Or can it be lowered?
- How should the procedure for the SMEs that do not comply be set up? Returning the money + 10%? . POL will rely on peer-learning with other euroclusters to see what are the best-practices concerning this issue and implement them in the frame of POLREC project.
- Is a company allowed to work on a voucher and apply for one as well? The partners would like to make it possible for a service-provider to be paid by a voucher to mechanically recycle polymer waste and also be able to apply for a voucher to chemically recycle one of their own waste frations that cannot be recycled mechanically.

This especially applies to SMEs working in value chains.

Application and management system of the cascade-funding must be done by the 31st of May 2023.

- 2nd step : Organising the first open-call

Shall be organise during the last trimester of 2023. Further details will be discussed during the next WP2 meeting.

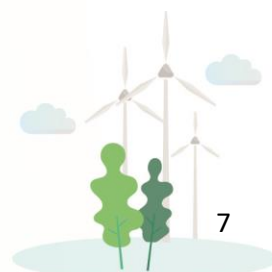




## 6. Next meeting

Scheduled on the 9th of February 2023, will take place virtually. PCD will send a TEAMS invitation to all the partners.

PCD will with the support of WFG work on a first draft of the **Mapping of European plastic waste streams and roadmap of European recyclers (D2.2)** that will be shown and discussed upon during the 2<sup>nd</sup> WP2 meeting.





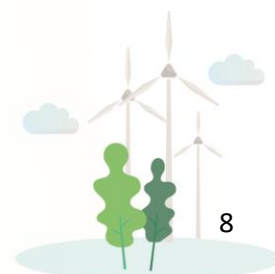
### PROJECT INFO

Grant Agreement	Project 101074434 — POLREC
Programme	Single Market Programme (SMP COSME)
Call	SMP-COSME-2021-CLUSTER
Topic	SMP-COSME-2021-CLUSTER-01
Type of action	SMP Grants for Financial Support
Project Title	Supporting a green and resilient Europe through POLymer RECYcling
Project starting date	1 <sup>st</sup> September 2022
Project end date	31 <sup>st</sup> August 2025
Project duration	36 months

### PROJECT CONSORTIUM



### PARTNER LOGO







# POLREC

## On-line Kick-off Meeting - WP2

28 November 2022 at 2:00 pm

Dorte Walz Bælum, CEO, Plast Center Danmark



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# Agenda

- 1 Content of WP2
- 2 Timetable
- 3 Upcoming tasks
  - Mapping of waste streams and roadmap of European recyclers
- 4 Preparation of later tasks in WP2
  - Initial work on voucher system
- 5 Next meeting





# Content of WP2

- Tasks:

- T2.1: Management of WP2 and coordination with WP3 (M1-36)
- T2.2: Mapping of European plastic waste streams and roadmap of European recyclers (M3-M12)
- T2.3: Mechanical recycling of plastic waste fractions (M12-M24)
- T2.4: Chemical recycling of plastic waste fractions (M24-M36)
- T2.5: Digitalization (M13 – M26)







# WP2: Upcoming tasks – according to application

Task	Actions	Due date
T.2.1 Management of work package	<ul style="list-style-type: none"><li>• Management of work package</li><li>• Coordination of activities in WP2 and with activities in WP3</li></ul>	Month 36
T2.2 Mapping of European plastic waste streams and roadmap of European recyclers	<p>PCD will with the support of WFG, POL, MAV and CEN map the:</p> <ul style="list-style-type: none"><li>- Number, types and location of recyclers</li><li>- Types and amounts of polymer waste</li><li>- Mapping of relevant waste fractions to be recycled mechanically and chemically respectively</li></ul> <p>This task will build on the results of Task 3.3 and 3.4.</p>	Month 12 31 August 2023





# Mapping of European waste streams and roadmap of European recyclers

- The following activities must be discussed and when and how to be initiated:
  - Mapping of relevant waste streams to be recycled mechanically and/or chemically
  - Types and amounts of polymer waste
  - Number, types and location of recyclers
  - Companies who can ease the recycling of plastic materials – toolmakers, special coating of tools, suppliers of additives, equipment to sort the plastic
  - Spotting of value chains
  
  - Clarification of which recyclers wish to be involved in the project
  - Search for papers/reports covering European waste streams and recyclers

Coordination of activities in WP2 and with activities in WP3 – T 3.3. and T3.4 – data collection and conference

DEADLINE: Joint Report Month 12 – August 31 2023  
LEAD: WFG – Daniela Adelhelm





# Mapping of European waste streams and roadmap of European recyclers

- Who is in charge form each cluster:

- WFG Daniela Adelhelm
- PCD Dorte Walzl Bælum
- Polymeris Roxane Girard
- Centimfe Tânia Mendes
- MAV Cluster Ona Bombi & Jose Munoz

- DEADLINE 1. Draft: End Month 5 – 31 January 2023







# Preparation of later tasks in WP2

## – Setup of voucher system

Scheme Name	Objective	Partner	Date	Max. amount	Max budget & total SMEs supported
Access to mechanical recycling	Promote adoption of mechanical recycling solutions by SMEs. WP2	PCD	M12-M24	250,000€	30,000€/voucher 25 SMEs
Access to digital tools	Promote adoption of digital tools related to polymer recycling SMEs. WP2	PCD	M13-M26	100,000€	20,000€/voucher 10 SMEs
Access to chemical recycling	Promote adoption of chemical recycling solutions by SMEs. WP2	PCD	M24-M36	250,000€	30,000€/voucher 20 SMEs





# Preparation of later tasks in WP2

## - Setup of voucher system

- We must discuss how to set up the voucher system:
  - No. of open calls – 2 calls have been suggested?
  - Max 30,000€ to be spent by one company – this makes only 8 vouchers – is 10,000€/12,500€ a better amount?
  - Duration max. 1 year
  - Penalty if the voucher is not used
  - 60% payment up front & 40% upon completion has been suggested
  - Can a company work on a voucher and receive one as well?
  - Application format and max. length
  - Evaluation criteria regarding the best applications





# Preparation of later tasks in WP2

## - Setup of voucher system

- **Further to be discussed:**
  - 10% of vouchers outside partner countries – the rest divided equally among partners – regardless of quality of applicatio
  - If one partner cannot use its vouchers it can be given to another partner – but how?
  - The final output – a short test report from the service provider to be part of a larger report?
  - Reimbursement of cost – maximum the amount of the voucher?
  - Final workshop where results are shown?

**DEADLINE:** End of month 9 : 31 May 2023  
**LEAD:** PCD with the support of POL





# Next meeting

- **Next meeting to discuss 1. draft of Mapping:**
  - Beginning of Month 6 - February 2023
  - Date suggested: 9 February 2023





**POLREC**

Thank you for your attention

Ms. Dorte Walzl Bælum, CEO, Plast Center Danmark

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