



PERCY

European Strategic Cluster Partnership for PolymER reCYcling

DELIVERABLE D4.3

STRATEGIC ROAD MAP TOWARDS JOINT INTERNATIONALISATION

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1. INTRODUCTION

This document offers a presentation of the PERCY Strategic Roadmap Towards Joint Internationalisation including a GANTT chart of the planned activities and a description of the planned activities.

2. PERCY IMPLEMENTATION ROADMAP

The identified value adding internationalisation activities derived within the PERCY Joint Internationalisation Strategy, DELIVERABLE D4.2, are scheduled in the following Implementation Roadmap.

The period of the roadmap is 2 years starting in January 2023 with the final PERCY workshop.

The following actions are confirmed in the PERCY Joint Internationalisation Strategy and agreed to in the “PERCY Partnership Agreement,” DELIVERABLE D1.5.

Hence the Roadmap runs under the umbrella of the PERCY Partnership Agreement.

The PERCY Partnership Agreement confirms the commitment of all 4 current partners to go on with the implementation of the Strategy and of this Roadmap, bearing the relevant costs. The responsibilities of each partner for the implementation of the single actions, the executive phases, the time period needed for implementing and the financing resources are therefore displayed.

The Roadmap was built according to three actions identified by the consortium for the continuity of its actions:

1. Awareness raising for SMEs on market opportunities and technology development
2. Internationalisation strategy and external contacts and relationships for the PERCY partnership
3. Partnership actions for further opportunities

These actions are the ones coming from the methodology used throughout the PERCY project lifetime, and that proved to be efficient in the frame of building the internationalisation strategy, long-term relationship and partnership with organisation outside Europe and keep project partnership and activities visible.

It will also enable the clusters from PERCY to keep on working together on a regular basis, and already share information on each partner planned activities and ambition for the two coming years.

3. PERCY GANTT

Implementation of roadmap and value-added activities

target country	Activity	2023												2024											
		janv-23	févr-23	mars-23	avr-23	mai-23	juin-23	juil-23	août-23	sept-23	oct-23	nov-23	déc-23	janv-24	févr-24	mars-24	avr-24	mai-24	juin-24	juil-24	août-24	sept-24	oct-24	nov-24	déc-24
Awareness Raising on PERCY project and results																									
Denmark	Presentation of learnings in the PERCY project to members of Danish Materials Network and other Danish companies																								
FR	Presentation of learnings in the PERCY project to members of Polymeris and other French companies																								
DE	Presentation of learnings in the PERCY project to members of WFG and other German companies																								
SK	Presentation of learnings in the PERCY project to members of SPK and other Slovak companies																								
DK	Webinar on waste collection and marine debris management																								
DE	"Sustainability & Recycling Congress" in Heilbronn																								
DK	Presentation of Danish pilot pyrolysis plant																								
All	Presentation of Yearly PERCY programme on partnership activities and opportunities																								
All	Continuous update of PERCY website																								
Internationalisation strategy																									
USA	Mission to the U.S. Ohio and Pennsylvania																								
International	Polymeris booth on Fakuma trade fair show, promotion of PERCY consortium actions																								
International	WFG booth on Fakuma trade fair show, promotion of PERCY consortium actions																								
USA	Polymeris booth on CAMX - Atlanta trade fair show, promotion of PERCY consortium actions																								
Canada	Invitation to Canadian clusters to visit Europe																								
USA, Israël, Canada	Students exchange with Heilbronn university																								
India, USA, Israël, Canada	Regular exchange between institutions on current developments in the plastics recycling industry.																								
India	Attempt to arrange Ph.D. exchange with the University of Pune.																								
India	Interest in communication with AIPMA (apex body of India) and smaller clusters.																								
Canada	Cooperation in the field of polytechnic PhDs will be developed. Students and cooperation on research / such as the now-announced call for the depolymerization of PMMA and PC to monomer.																								
Canada	Cooperation between SPK and Canada																								
Canada	Further business activities between SPK members and contacts from Canada mission																								
Israel	Future cooperation planned – communication from the SPK side toward Israeli partners																								
International	Fair at Faculty of chemical and food technology of Slovak Technical University, Bratislava																								
International	International Engineering FAIR in Nitra, Slovakia																								
India	Visit to India with a focus on pyrolysis																								
India	PlastIndia																								
Partnership opportunities for further actions																									
All	Percy meeting and workshop realized in Slovakia																								
All	New Eurocluster call for internationalisation																								
All	Intelligence on funding opportunities for cluster on internationalisation activities																								
All	Yearly PERCY meeting - France																								

4. VALUE-ADDED ACTIVITIES DESCRIPTION

Awareness Raising								
Action	When	Type of action	Targeted country	Value adding Service (Milestone)	Responsible	Main Executive Phases	Time period	Source of financing
1	January – February 2023	Worskhop/ Webinar	DK	Presentation of learnings in the PERCY project to members of Danish Materials Network and other Danish companies	PCD	Prepare action and communication to promote the event	2 weeks	PCD/ PERCY budget
2	January – February 2023	Worskhop/ Webinar	FR	Presentation of learnings in the PERCY project to members of Polymeris and other French companies	POL	Prepare action and communication to promote the event	2 weeks	POL/ PERCY budget
3	January – February 2023	Worskhop/ Webinar	DE	Presentation of learnings in the PERCY project to members of WFG and other German companies	WFG	Prepare action and communication to promote the event	2 weeks	WFG/ PERCY budget
4	January – February 2023	Worskhop/ Webinar	SK	Presentation of learnings in the PERCY project to members of SPK and other Slovak companies	SPK	Prepare action and communication to promote the event		SPK/ PERCY budget
5	April – May 2023	Worskhop/ Webinar	DK	Webinar on waste collection and marine debris management	PCD	Prepare action and communication to promote the event	2 weeks	PCD budget

6	March-September 2023	Congress	DE	“Sustainability & Recycling Congress” in Heilbronn	WFG	Prepare action, content and communication to promote the event		WFG Budget
7	June – August 2023	Site visit	DK	Presentation of Danish pilot pyrolysis plant	PCD	Prepare action and communication to promote the event	2 weeks	PCD/PERCY budget
8	2023 - 2024	Information	SK	SPK Website – regular information about the project (ongoing and also past projects and further cooperations)	SPK	Website for SPK members and non-members. Print and electronic version articles/news <ul style="list-style-type: none"> • direct mailing, printing version, web version • information about ongoing and past activities and missions 		SPK budget

Internationalisation strategy

Action	When	Type of action	Targeted country	Value adding Service (Milestone)	Responsible	Main Executive Phases	Time period	Source of financing
9	June - July 2023	Mission	USA	Mission to the U.S. Ohio and Pennsylvania	WFG	Prepare action and communication to promote and organize the trip	8 weeks	Each partner's budget
10	17 - 21 October 2023	Trade fair	International	Polymeris booth on Fakuma trade fair, promotion of PERCY consortium actions	Task lead: POL Task support: All	Prepare action and communication support to promote the project	2 weeks	POL budget
11	17 - 21 October 2023	Trade fair	International	WFG booth on Fakuma trade fair, promotion of PERCY consortium actions	WFG	Prepare action and communication support to promote the project	2 weeks	WFG budget

12	30 October – 2 November 2023	Trade Fair	USA	Polymeris booth on CAMX - Atlanta trade fair, promotion of PERCY consortium actions	Task lead: POL Task support: All			POL budget
13	2023	Mission	Canada	Invitation to Canadian clusters to visit Europe while 2023 is the innovation year between Europe and Québec.	POL	Invitations and preparation of the programme of visits		POL budget
14	2023-2025	Exchange	USA, Israel, Canada	Students exchange with Heilbronn university.	WFG			WFG Budget
15	2023-2025	Market and business intelligence	India, USA, Israel, Canada	Regular exchange between institutions on current developments in the plastics recycling industry.	WFG	WFG POL		WFG/POL budget
16	2023 - 2024	Internationalisation strategy	India	Attempt to arrange Ph.D. exchange with the University of Pune.	SPK			SPK budget
17	2023 - 2024	Exchange	India	Interest in communication with AIPMA (apex body of India) and smaller clusters.	PCD			PCD budget
18	2023 - 2024	Exchange	Canada	Cooperation in the field of polytechnic PhDs will be developed. Students and cooperation on research / such as the now-announced call for the depolymerization of PMMA and PC to monomer.	SPK	For polytechnic Ph.D. students the school pays international fees, so the student only pays registration fees as a Canadian. Right now there is an offer to participate in research on the depolymerization of PMMA and PC to monomer.		SPK budget
19	- 2024	Exchange	Canada	Slovak Chamber of Commerce and Industry, being represented by a member of the Slovak Plastic Cluster, Mr. Jan Vaclav - at the Montreal Metropolitan Chamber of Commerce, they preliminarily expressed interest in maintaining contacts and preparing an online event dedicated to the possibilities of cooperation with Slovakia.	SPK - Slovak Chamber of Commerce and Industry	Online event between Montreal Metropolitan Chamber of Commerce and SPK/Slovak Chamber of Commerce and Industry.		Partner budget

20	2023 - 2024	Business cooperation	Canada	Further business activities between SPK members and contacts from Canada mission.	SPK – Slovak SME “TRENS-SK”			SPK budget
21	2023 - 2024	Exchange	Israel	Future cooperation planned – communication from the SPK side toward Israeli partners	SPK	Future cooperation planned – communication from the SPK side toward Israeli partners.		SPK budget
22	April 2023 & 2024	Trade Fair		Fair at Faculty of chemical and food technology of Slovak Technical University, Bratislava	SPK	Raising awareness: <ul style="list-style-type: none"> • Fair of companies and other institutions called “Chemday”. • 9 students, companies, and associations, free to the public. 	1 day	SPK budget
23	May 2023 & 2024	Trade Fair		International Engineering FAIR in Nitra, Slovakia “Medzinárodný strojársky veľtrh, Nitra, Výstavisko Agrokomplex”	SPK	Awareness raising - SMEs, public	4 days	SPK budget
24	2024	Mission	India	Visit to India with a focus on pyrolysis	PCD	Prepare visit in cooperation with Indian cluster and businesses, communication support to promote the visit.	8 weeks	PCD budget
25	2024	Trade Fair	India	PlastIndia	POL	Prepare visit in cooperation with Indian cluster and businesses, communication support to promote the visit.		POL budget

Partnership opportunities for further actions

Action	When	Type of action	Targeted country	Value adding Service (Milestone)	Responsible	Main Executive Phases	Time period	Source of financing
26	2023	Networking actions		Percy meeting and workshop realized in Slovakia	SPK	Common partnership meeting, Seminar on new trends and technologies in Slovakia		Each partner's own budget
27	2024	Funding		New Eurocluster call for internationalisation	POL	Scouting for publication and opening of SMP future calls		Each partner's own budget
28	2023 - 2025	Funding		Intelligence on funding opportunities for cluster on internationalisation activities	POL	Scouting for publication and opening of calls related to Polymer recycling		Each partner's own budget
29	2024	Yearly meeting		Yearly PERCY meeting - France	POL	Invitation and meeting organisation		Each partner's own budget
30	2025	Yearly meeting		Yearly PERCY meeting – Germany during K fair in Düsseldorf	WFG	Invitation and meeting organisation		Each partner's own budget
31	2026	Yearly meeting		Yearly PERCY meeting – Denmark	PCD	Invitation and meeting organisation		Each partner's own budget

