

6-MONTHS TECHNICAL PROGRESS REPORT

COSME PROGRAMME

Action Title: COS-CLUSINT-20193-01

Grant Agreement number: 951200

Project acronym: PERCY

Project title: International Cluster Cooperation for Recycling of Polymers

Project co-ordinator name, title and organisation: Ms. Dorte Walzl Baelum, CEO,
Plast Center Danmark



Progress Report: 1st or 2nd or 3rd

Period covered: from 1 March 2021 to 31 August 2021

DECLARATION BY THE PROJECT COORDINATOR

I, as coordinator of this project and in line with my obligations as stated in Article 14.1 of the Grant Agreement declare that:

- The attached 6-months progress report represents an accurate description of the work carried out in this project for this reporting period;
- The project (tick as appropriate):
 - has fully achieved its objectives for the period;
 - has achieved most of its objectives for the period with relatively minor deviations;
 - has failed to achieve critical objectives and/or is deviating significantly from the schedule.

Name and position of Co-ordinator's Legal Representative (LEAR):

Dorte Walzl Bælum, CEO

Date: 30/ September / 2021

Signature: 

I. SUMMARY OF PROGRESS TO DATE¹

The objective of the PERCY project is through cooperation of 4 European clusters focused on recycling of materials and eco design in various sectors to increase the recycling of materials worldwide.

The consortium will meet this objective by an intensified cluster and network collaboration across borders in Europe, where a joint internationalization strategy towards countries outside Europe will be developed.

The project work was initiated on 1 September 2020. During the first 6 months of the project period there was a focus on starting up the consortium. During the second period of the project running from 1 March – 31 August 2021, which is dealt with in this report, the main objectives were as follows:

- Improving procedures for project administration and deliveries
- Continued actions for cooperation between the 4 European clusters with the aim of developing a joint internationalization strategy
 - Conducted desktop analyses, focus group discussions and online survey
 - Conducted online workshops (carried out with members of each cluster)
 - Published relevant reports covering the consolidated results of the abovementioned tasks
 - Initiated work of making 3 Memoranda of Understanding with clusters in the selected target countries:
 - Canada
 - India
 - Israel
 - USA

With a focus on the following sectors:

- Food industry/Agriculture
 - Automotive
 - Pharma
 - Engineering
 - Recycling/ Renewable energy
 - Construction
- Prepared a dissemination strategy

¹ EASME reserves the right to use this information for publishing purposes.

II. PROJECT PROGRESS AND ACHIEVEMENTS

1. Project objectives for the period

The main objectives for the first project period have been preparatory to the planned activities regarding cooperation of 4 European clusters developing a joint internationalization strategy towards countries outside Europe. The joint internationalization strategy is focused on recycling of materials and eco design in various industrial sectors.

The main objectives have therefore been:

- Improving procedures for effective management, administration and risk related to the implementation of the project
- Creation of collaborative framework for efficient communication and collaboration between project partners
- Desktop analyses and focus group discussions and in each cluster followed by a market survey to identify SME needs
- Organization of on-line webinars in each partner country, as physical workshops could not be arranged due to the Corona pandemic
- Dissemination outreach and communication plan / Dissemination strategy prepared
- Dissemination of reports and activities through websites and social media

2. Work progress and achievements during the period

Work Package 1: 'Project management and administration'

Will be reported in section 4. Project Management.

Work Package 2: 'Market analysis of strategic target countries and markets'

The objective of WP2 is to investigate if and how the industries in the initial target countries meet the interest of the SME members of the consortium clusters and to identify relevant business opportunities. The initial partner countries were pre-identified by the consortium partners.

Work Package 2, WP 2, provides for the final determination of the number of countries to be covered by the PERCY project.

Task 2.1 Four SME's market assessment Workshops

We assumed that our member companies would provide initial results in a survey, which we would then narrow down further in workshops with a smaller number of member companies.

To obtain this initial information each of the PERCY clusters made desktop analyses and conducted focus group discussions with three selected companies in November 2020. Due to the Covid-19 crisis these group discussions were primarily carried out online.

During the focus group discussions in each cluster, we developed the framework of the PERCY online survey, which was conducted January - March 2021. As a sufficient number of responses (139 rather than the expected 150) were not obtained, we reopened the online platform in order to obtain the expected number. We stopped this platform once we had reached 155 questionnaires.

The methodology used and the results gained are to be found in Deliverable D2.1: Market survey on SME needs.

All activities related to this task was initiated in month 2 (M2) and was ended with delay by month 10 (M10).

Task 2.2 Cluster's mutual assessment

The research design of PERCY foresaw that we would conduct workshops with individual cluster members after the online survey in order to come to a final narrowing down of the workshops of the sectors and the countries.

These workshops were planned as face-to-face workshops and should thus have been a standard approach in each of the 4 PERCY clusters. Due to the Corona pandemic and the associated contact restrictions, it became necessary that the workshops were conducted as online workshops instead of face-to-face events. This required a re-planning in terms of the methods to be used, as the tried and tested methods for face-to-face workshops could not be directly transferred to online workshops.

After careful consideration and testing of various online tools, it was decided to design the workshop in such a way that a large part of the answers would not be presented orally, but would appear in the form of text messages on the central presentation slide. We made sure that the tool could be used by each of the participating clusters, regardless of the language spoken in the respective country.

The technical solution was that each cluster got its own PowerPoint file with which it controlled the workshop. Embedded in this PowerPoint file are control commands from the program “Poll Everywhere”, which enabled us to have the entries made by the participants appear immediately on the corresponding interactive slides. This meant that we received the results online and in real time and could also weight them during the course of the workshop.

This approach was developed by the Work Package Leader and implemented on 15 February 2021 together with the 3 other clusters in a test workshop. The central control slides showing the results of the online survey and the slides showing the interactive workshop were harmonized with regard to the English language.

Subsequently, the participating clusters created slides in their own language. This seemed important to the PERCY consortium in view of the fact that in the vast majority of cases the use of the English language is not so well practiced, or the participants do not seem comfortable enough to make it useful.

The Danish and the French cluster decided to conduct the workshop in English with regard to the slides. The other clusters each opted for a translation into the national language. At the time of the first Technical Progress Report, the set of slides for the online workshops were available in English, German and Slovak.

In the test workshop on 15 February 2021, a total of 3 people were deployed to control the workshop, as the aim was to test the procedure and to be able to solve any problems that arose more quickly. One person administered the tools and the videoconferencing software, one person guided through the workshop and a third person took part in the workshop and was also able to intervene if, in their view, errors occurred in the course of the event compared to the planning.

This test workshop was conducted with a total of 7 people from the 4 clusters involved and served to demonstrate the possibilities of an online workshop to the participants and also to test them concretely on the questions posed by PERCY. The results were promising. The workshop participants were immediately able to use the Poll Everywhere survey tool via their computers or mobile phones.

Subsequently, workshops, with the following structure, were held in the individual clusters:

1. Presentation of the results of the online survey
2. Dedicated questioning of the workshop participants on the core questions regarding the selection of sectoral and geographic markets.
3. Question about the support services desired by the companies through the PERCY project. The pre-test conducted with the participating clusters led to the conclusion that the chosen approach makes sense and could actually be implemented. Following the pretest, the partici-

pating clusters were also provided with the documents with the request to review them with regard to their own implementation of the workshop.

The aim of this approach was that the institution designing the workshop would pass on its knowledge to the other cluster organizations in the sense of a train-the-trainer approach and that they would be able to make changes to the workshop design as a whole but also individually.

All four workshops were held by the end of May 2021. PCDs workshop was held on 6 May 2021, Polymeris' on 25 March 2021, SPKs on 30 April – 19 May 2021, and WFGs on 10 May 2021. The total number of participants was 50.

The results of these four workshops have been disseminated, so all participating clusters of the consortium have knowledge of the results of all workshops.

On 10 June 2021 the PERCY consortium organized a workshop with all participating clusters partners to create a mutual assessment of those markets predefined during the preparation of this proposal.

In consideration of the clear results from the surveys and discussions with the companies, it was agreed unanimously to no longer focus on Indonesia. This means that for further work in the project Canada, India, Israel and USA will be focused on.

For the sectors, the goal was to reduce the target sectors to 2 markets. Here the decision could not be made so clearly. The results from the surveys were very complex and had to be considered in this respect.

The following issues had to be taken into account:

- It was apparent from the results that many of the companies operate on a multisectoral basis and are by no means committed to specific industries.

- 40% of the companies surveyed do not see any need for further diversification but would like to open up new markets in their traditional sectors.

In the process of the discussion, it became clear that the reduction to 2 sectors would also cut off the possibility of contacts to relevant clusters and business networks in the target countries. Thus, it might not be possible to meet the multisectoral requirements of the companies. For this reason, the consortium decided to look at the 6 sectors most highly ranked by the companies.

This means that for the further work in WP3, attention will initially be paid to the following sectors:

- Food industry/Agriculture
- Automotive
- Pharma
- Engineering
- Recycling/ Renewable energy
- Construction

In order to ensure that the target countries are dealt with in a targeted manner and to avoid duplication, country responsibilities have been assigned. Each cluster is responsible for one target country.

The following division was decided:

- Canada: POLYMERIS
- India: PCD
- Israel: SPK
- USA: WFG

All activities related to this task were initiated in month 5 (M5) and were ended by month 11 (M11). That is with a delay of 2 weeks.

Results obtained in task 2.1 and 2.2. have been collected in a report, which serves as Deliverable 2.1: Market Survey on SME needs.

Task 2.3 Market completion on relevant countries

In order to match the needs of the SMEs determined in Task 2.1 with opportunities in the target countries a desk study was prepared.

This report, which serves as Deliverable 2.2: Market survey on the target markets, will also be the basis for the work in WP 3 and WP 4. The market analysis covering the target countries provides comprehensive information on the sectors rated most highly by the companies.

All activities related to this task were initiated in month 8 (M8) and ended by month 11 (M11).

Work Package 3: 'Development of international partnerships'

The objective of WP3 is the development of partnerships with relevant clusters and business networks in the target countries and target sectors.

Task 3.1 Identification of potential partners

Based on the business intelligence developed in WP2 and the selected target countries, relevant clusters and business networks will be identified. In order to optimize resources, the task has been divided among the cluster partners, so that each consortium partner focuses on one country and participates in two partnership missions and assist the other partners in their action. It is the task of the WP leader to ensure that knowledge is shared and that consensus among the consortium partners is established.

Polymeris is the WP leader and has developed a first contact guide to be used by the PERCY partners when they contact potential international partners. An introductory letter, A Power-Point presentation and an interview guide has been developed.

Polymeris is working actively with Prima Québec a Canadian cluster focused on advanced materials, on the establishment of a MoU and on the organization of a mission in March 2022.

PCD is in close contact with the Danish Innovation Centre in India. They have promised to assist PCD in finding the relevant partners in India. In return PCD has accepted to help them

to spot at least 5 SMEs that are interested in participating in a mission to India. In this connection PCD is invited to give a speech on PERCY.

As regards Israel PCD is in touch with a very interesting Israeli SME working with recycling of plastics. They have a worldwide patent on their technology.

WFG is responsible for initiating contacts in the USA. The project has already been presented at various places and first promising calls has taken place.

Among others with representatives of: German American Chamber of Commerce and Industry of the South-West, Washington Technology Industry Association, US Department of Commerce. WFG has access to Volkswagen of America through a former colleague who now lives in the USA.

After consulting with the respective responsible partners, the WFG has established contacts in two additional target countries beyond these activities. Through conversation with cluster companies/institutions or participation in workshops and events, it became apparent that companies or institutions known to WFG could arrange contacts to India and Israel.

WFG has made use of these opportunities and may thus have the chance to get into the target countries on a larger scale.

Due to a participation in a virtual match-making event that was originally supposed to take place in Heilbronn, contact to Israel could be established. Talks with the Israeli Economic & Trade Mission are currently underway, and we are confident that we will be able to establish a solid contact.

SPK is working on establishing cooperation with the country of Israel directly at the Embassy of the Slovak Republic in Tel Aviv. SPK communicated directly with JUDr. Matej Kereš, M.A., economic diplomat, who gave the following recommendation:

Approach the country of Israel with a request to mediate the contact of cooperation in connection with an international project in obtaining a partner from the country of Israel for more lateral cooperation with the countries of the Slovak Republic, Germany, France, and Denmark.

It is an institution that has the characteristics of a cluster (which unites schools, companies, and other institutions). If such an institution does not exist in the territory of the country of Israel, it can also be an organization that supports business activities - business cooperation or contact to the Chamber of Commerce in Israel.

SPK has established direct contact to contact Israel-Europe Research & Innovation Directorate.

At the same time, SPK also approached the introduction of Sur + International Ltd., a member of our Chamber, who specializes in repurposing & recycling of surplus chemical inventories, directly to Ms. Ester Levey, Project Manager ester@surplusintl.com and sharonc@chamber.org.il.

All activities related to this task has been initiated in month 11 (M11) and will be ended by month 19 (M 19).

Task 3.2 Partnership missions beyond Europe

In total, four partnership missions beyond Europe will be completed. The target is to meet two clusters and business networks in each country, but travel distances may be an obstacle and Corona virus crisis as well. Each consortium member will be responsible for one mission. The mission will last 2-3 days and consist of minimum one meeting with the cluster or business network, one visit to an SME and, if possible, a meeting with a university or other knowledge partner.

The findings of the partnership missions will be incorporated into a project document that will serve as input to WP 4 and could be disseminated to the consortium partner network. The latter will be coordinated in WP5.

All activities related to this task have been initiated in month 11 (M11) and ended by month 19 (M19).

Work Package 4: 'Strategic road map towards joint internationalization'

The objective of WP4 is to develop a joint internationalization strategy for the four consortium partners, to be executed after the project has ended and an implementation road map.

Task 4.1 SWOT analysis

The SWOT analysis will be performed on:

- The individual cluster partners including their member base
- The polymer industry in selected target countries
- Eventual identified sectors/markets
- The clusters and business networks in the selected countries that were the subject of the partner mission

All activities related to this task will be initiated in month 16 (M16) and ended by month 25 (M25).

Task 4.2 Consortium partner workshop

The project reports from WP2 and WP3 and the SWOT analysis will serve as input for a consortium partner workshop where the consortium partners will develop a Partnership Agreement respecting the principles of the "European Strategic Cluster Partnerships – Going International" identifying the Partnership members, committing them to develop common actions, setting out the duration and modalities of cooperation between them, and expressing clearly their interests and plans for engaging in international cluster cooperation together.

The Partnership Agreement must include a long-term cooperation agenda with a view to foster a sustainable Partnership beyond the lifetime of the current project co-funded under COSME. It must especially indicate which additional public-private co-financing is envisaged to be mobilized for the development and then implementation of the international plan. The Partnership Agreement will include the Letters of Intent signed in WP3. It may also contain a Letter of Support from SMEs and other relevant stakeholders confirming their readiness to engage in internationalization activities in the context of the Partnership internationalization strategy and as outlined in the implementation roadmap.

All activities related to this task will be initiated in month 16 (M16) and ended by month 25 (M25).

Task 4.3 Joint internationalization strategy

The results of WP2 and WP3, as well as Task 4.1 and 4.2, will form the input to a joint internationalization strategy.

The strategy will contain:

- A detailed description of the purpose of the collaboration and its strategic objectives
- The different fields of competences and the envisaged complementarities between the consortium partners
- The expected advantages
- The selected targeted third countries
- The cooperation interest in terms of thematic area/application/technologies per targeted third country
- The potential international cooperation partners
- The expected mutual added value and interest among PERCY members and the international partners
- The expected economic impact expressed through quantitative indicators, notably in terms of growth, jobs and investment in Europe for the Partnership SME members
- Background information about previous international activities and cross-sectorial cooperation activities of each Partnership member and between them
- Benchmarking information on existing international cooperation initiatives directed at similar target countries and thematic areas
- A joint branding and marketing strategy statement (including proposal for a joint logo) and plan.

All activities related to this task will be initiated in month 19 (M19) and ended by month 25 (M25).

Task 4.4 Implementation Roadmap

The PERCY consortium partners will develop an implementation road map that will suggest how the PERCY partnership will seek and exploit synergies with the interregional activities, notably further cluster cooperation funded under COSME e.g. as through the future “European Strategic Cluster Partnerships for smart specialization investment (ESCP-S3) or the European Territorial Cooperation Regulation (INTERREG) and the European Structural and Investment Fund (ESIF), e.g. in the context of smart specialization strategies as well as the EU Horizon 2020 Research and Innovation Programme, notably the Horizon 2020 INNOSUP-1 action for “Cluster facilitated projects for new industrial value chains”.

The road map will moreover include a comprehensive overview of the joint activities foreseen to be developed, with a detailed plan for the implementation highlighting the different and concrete roles and steps aimed at facilitating the internationalization of SME members (in particular those preidentified and that have signed a Letter of Support as described in the Partnership Agreement section above).

All activities related to this task will be initiated in month 19 (M19) and ended by month 25 (M25).

Work Package 5: ‘Dissemination and learning’

The objective for WP5 is to define and implement the strategy for disseminating and promoting the progress and outputs of the project to ensure the widest possible dissemination.

Task 5.1. Design of a Dissemination, Outreach and Communication Plan

To effectively disseminate information of the activities of the project and to communicate its outcomes to multiple audience including the media and the public, the PERCY partners have provided the Commission with an extensive DO&CP - Dissemination, Outreach and Communication Plan.

In relation to this plan each participating cluster must contribute and fill in the plan shown below and a mutual plan of all 4 clusters will be completed biannually in connection with completion of the Technical Progress Reports.



WP5 - PERCY DISSEMINATION, OUTREACH AND COMMUNICATION PLAN

Partner Institution		Partner Country		Reporting Period	1. 01.09.2020 – 28.02.2021
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Date of event / Activity	Place / Channel / Pathway	Description of event / Activity	Dissemination level					Target Group	Number of participants / Readers / Audience	Impact / Results	Evidence
			L	R	N	E	I				

Note:

L= Local, R=Regional, N=National, E=European, I=International / Outside Europe

Evidence - When an activity is implemented, you should try to collect evidence (photos of an event, copy of a media brief document, presentation slides, signed list of attendances, etc.).

Target Group - Check the proposal for the activities, target groups, indicators that must be kept.

Please see the completed version for the 2nd period 1 March 2021 – 31 August 2021 in Appendix A.

To ensure a professional and effective dissemination, dissemination material has been made: Logos, layout of slide presentations and a word template.

These materials were prepared in three steps: Initial 3 graphic designs followed by an internal opponency, then second round of graphic design followed by the discussion among the 4 partner clusters to decide the most suitable logo and finally, fine-tuning of the details. The layout of presentations and word template was prepared according to the previous experience with COSME project.

A communication strategy prepared by SPK and was ready by the end of June 2021 (M10) and serves as Deliverable D.5.1: Dissemination, Outreach and Communication Plan.

All activities related to this task was initiated in month 3 (M3) and was ended by month 10 (M10).

Task 5.2 Digital communication of market opportunities and project results

This communication will be done through:

- newsletters and on the cluster partner web pages. The reports developed in WP2 have been disseminated on the cluster partner webpages and promoted through our own and other partner cluster and business networks, both in the COSME region and in the third countries. The joint internationalization strategy is shared in the same manner.

- Social Media (LinkedIn and Facebook, to be maintained and constantly updated by WP Leader with contribution of all partners). Social media appearances and clicks have been considered. General information and announcement of events, hashtags and storytelling. By linking companies from the other countries, it is possible to see all events in all countries and visit them if necessary.

- Press releases: To provide the general public and companies with a platform for questions, suggestions etc. and to inform the public about the progress and benefits of the PERCY project.

In the beginning of the project the partners approved to prepare a separate Project PERCY website.

The results of the project is disseminated on the partner websites as well through the link directly to the PERCY website.

The PERCY website was prepared by SPK and can be seen on: <https://percy.spklaster.sk/>.

The website has gone through a feedback from partners and the project coordinator, resulting in elimination of major shortcomings.

The website was ready by May 2021.

The website is used for publishing press releases, as a platform for questions, suggestions, general information, news, events, outputs, targets, and goals of the project.

The website is divided into sections, each trying to concisely communicate important information. If this information is not successful, the viewer can contact SPK through email or social media, as the PERCY website has a direct link to Facebook and LinkedIn. These links further allow linking of the content.

The website serves as a medium of informing the public about progress and benefits of the project PERCY. This is done through News & Events section, where steering committee meeting notes are used to reach this goal.

Small articles providing cluster communities with information and learnings from the project is published on the website.

At social medias (LinkedIn, Facebook) general information, announcement of events, storytelling etc. is published.

Moreover, a PERCY profile has been created on the ECCP platform and each partner has created a site on their cluster websites informing about PERCY:

- PCD: <https://dmn-net.com/da/dansk-materiale-netvaerk/PERCY>
- POL: <https://polymeris.fr/europe.html> and <https://polymeris.eu/international.html>
- WFG: <https://wfgheilbronn.de/percy>
- SPK: <https://portal.spklaster.sk/index.php/sk/home>

It is planned that 2 newsletters will be sent out and published on the websites mentioned above.

All activities related to this task was initiated in month 3 (M3) and will be ended by month 25 (M 25).

Task 5.3 Restitution workshops

Presentation of the learnings in the project, with specific focus on business opportunities for SMEs will be shared on seminars in each consortium partner country. The consortium partners will seek to host the seminars as joint activities with other national cluster or business networks in order to ensure that as many SMEs and partner clusters will benefit from the learnings assembled in the project. The learnings will be summed up at a concluding seminar for the consortium partners.

Apart from the defined tasks, WP will support the on boarding of interested companies and organization to the matchmaking platform MATEX, developed jointly by the two consortium partners, PCD and KunststoffDIALOG. The platform is hosted by KunststoffDIALOG. The purpose is to facilitate matchmaking among the companies and organizations in the target groups. The on-bordning will be supported by information in newsletters and on the seminars in task 5.2.

All activities related to this task will be initiated in month 23 (M23) and ended by month 25 (M25).

Table 1. Milestones

Milestones to be achieved	Expected due achievement date	Achieved Yes/No	Actual date achieved	Comments (e.g. why not achieved or why achieved with delay)
Four workshops with SMEs completed	30 April 2021	Yes	19 May 2021	The workshops were held as follows: PCD: 6 May 2021 POL: 25 March 2021 SPK: 30 April – 19 May 2021 WFG: 10 May 2021 The workshops were delayed due to extended deadline on survey.
Consortium partner meeting	30 April 2021	Yes	3 June 2021	The kick-off was virtual with participation of: SPK: Darina Machovičová PCD: Dorte Bælum WFG: Patrick Dafour & Daniela Adelhelm POL: Olivier Gille, Aurélie Répéto & Pascaline Patureau The consortium partner meeting was postponed due to the delay in holding the workshops mentioned above.

3. Deliverables Overview

Deliverables (other than project management deliverables, progress and final reports)

D2.1. Deliverable Market Survey on SMEs Needs

D2.2. Deliverable Market Survey on the Target Markets

D5.1. Dissemination, Outreach and Communication Plan

All reports have been published on the ECCP platform, on the PERCY website and on partner websites.

Table 2. Deliverables

DELIVERABLES									
Del. no.	Deliverable name	WP no.	Lead Beneficiary	Type	Dissemination level	Expected due delivery date	Delivered Yes/No	Actual date delivered	Comments
D2.1	Market survey on the SME needs	WP2	WFG	Report	Public	30 April 2021	Yes	15 June 2021	The market survey was ready in March 2021 for internal discussion, and it was decided to extend the period in order to obtain sufficient responses. Work is completed and report is published on ECCP platform, on PERCY website and on partner websites.
D2.2	Market survey on the target markets	WP2	WFG	Report	Public	30 June 2021	Yes	15 June 2021	Work completed and report is published on ECCP platform, on PERCY website and on partner websites.
D5.1	Dissemination, Outreach and Communication Plan	WP5	SPK	Report	Public	31 May 2021	Yes	28 June 2021	Work is completed.

4. Project management

- *Consortium management tasks and achievements:*

Task 1.1 Administrative and Financial Management

The partnership has met on a regular basis to discuss general issues related to the project. Moreover, the following specific assignments have been fulfilled:

- The use of resources was monitored to update this technical progress report. Please see the enclosed report: Use of Resources No. 2 (1 March 2021 – 31 August 2021).

Task 1.2 Project Management

In order to ensure project progress and deliverables in accordance with defined milestones the following activities and meetings have taken place:

- At Microsoft SharePoint a PERCY group was established on 27 October 2020. This was done to give all people involved in the project an easy access to all relevant documents. These documents are updated continuously.
- Consortium partner meeting was held online on 3 June 2021 in order to finish WP2 lead by WFG.
- A physical consortium meeting with participation of all partners is under planning. The meeting is planned to take place during the FAKUMA trade fair, which takes place 12 – 16 October 2021 in Friedrichshafen, Germany.
- Project meetings were held online on 15 March 2021, on 7 May 2021, on 3 June 2021, on 10 June 2021, on 22 June 2021, on 6 July 2021, 16 July and on 25 August 2021.
- Moreover, bilateral meetings between partners have been held regarding specific topics, such as finding relevant partners in the target countries.

Task 1.3 Reporting

Reporting to the European commission will follow the guidelines and principles set forth in the H2020 Online Manual. This second technical progress report was prepared in due time.

Task 1.4 Partnership Agreement

A project of Memorandum of Understanding has been established and shared between the partners. It is discussed with Prima Québec, a cluster partner identified in Canada.

- *Problems which have occurred and how they were solved or envisaged solutions:*

Due to the Covid-19 situation resulting in lockdowns and travel restrictions all meetings so far have been held online.

The Partnership aims to adapt to the current situation and tries to avoid deviations from the project plan. However, if the situation does not change during the year changes in the project plan may be necessary.

- *Changes in the consortium, if any (partners, staff, etc.):*

The following changes have taken place in staff:

Plast Center Danmark

No changes.

The following people are therefore involved in PERCY at the moment:

- Dorte Walzl Baelum
- Tanja Bødker Petersen
- Hatice Tüzün
- Bente Nedergaard Christensen

POLYMERIS

No changes.

The following people are therefore involved in PERCY at the moment:

- Olivier Gille
- Ms. Pascaline Patureau
- Ms. Aurélie Répéto

Wirtschaftsförderung Raum Heilbronn GmbH

No changes.

The following people are therefore involved in PERCY at the moment:

- Patrick Dufour
- Laura Kistner
- Daniela Adelhelm
- Kathrin Lehner

SLOVENSKÝ PLASTIKÁRSKY KLASTER

No changes.

The following people are therefore involved in PERCY at the moment:

- Katarina Ikrenyiova
- Darina Machovičová
- Ivan Hudec
- Richard Tekel

Work Package 1

Ongoing implementation of tasks 1.1 – 1.4 including regular meetings and task force meetings for each WP.

Work Package 2

Ongoing implementation of tasks 2.1. – 2.3:

Task 2.1 Four SME's market assessment Workshops

Prior to the arrangement of workshops focus group discussions in each cluster have been performed and a market survey on SME needs has been carried out with success, as 155 responses were obtained.

Based on the findings, each of the clusters organized a workshop with its members. These workshops were attended by interested SMEs.

The scheduled workshops took place in Denmark, France, Germany, and Slovakia during April – May 2021.

The results of these four workshops have been disseminated, so all participating clusters of the consortium have knowledge of the results of all workshops.

Task 2.2 Clusters' mutual assessment

On 10 June 2021 the PERCY consortium organized a workshop with all participating clusters partners to create a mutual assessment of those markets predefined during the preparation of this proposal.

In consideration of the clear results from the surveys and discussions with the companies, it was agreed unanimously to no longer focus on Indonesia. This means that for further work in the project Canada, India, Israel and USA will be focused on.

For the sectors, the goal was to reduce the target sectors to 2 markets. Here the decision could not be made so clearly. The results from the surveys were very complex and had to be considered in this respect.

Subsequently, it was decided to focus on the following sectors:

- Food industry/Agriculture
- Automotive
- Pharma
- Engineering
- Recycling/ Renewable energy
- Construction

This means that for the further work in WP3, attention will initially be paid to these sectors.

Each cluster is responsible for one target country. The following division was decided:

- Canada: POLYMERIS
- India: PCD
- Israel: SPK
- USA: WFG

Results obtained in task 2.1 and 2.2. have been collected in a report, which serves as Deliverable 2.1: Market Survey on SME needs.

Task 2.3 Market completion on relevant countries

In order to match the needs of the SMEs determined in Task 2.1 with opportunities in the target countries a desk study was prepared.

This report, which serves as Deliverable 2.2: Market survey on the target markets.

Work Package 3

The objective of WP3 is the development of partnerships with relevant clusters and business networks in the target countries and target markets.

The purpose of WP3 is to ensure that the identified international collaboration partners have a member base, resources, focus and interest that match the needs identified in WP 2.

Activities in WP3 as regards development of partnerships has been initiated and is in progress.

Work Package 4

The objective of WP4 is to develop a joint internationalization strategy for the four consortium partners, to be executed after the project has ended, and an implementation road map.

With reference to tasks in WP 4 no activities have taken place, as WP4 is dependent on results from WP3.

Work Package 5

The objective of WP5 is to define and implement the strategy for disseminating and promoting the progress and outputs of the project to ensure the widest possible dissemination.

- Ensure that dissemination of results, learning and results are communicated properly especially to the SME members of the consortium clusters. Giving the large audience and the multiplicity of potential communication channels, the digital form will be preferred to leverage as many SMEs as possible during and after the duration of the project. Special attention will be given to learnings about cultural differences that may be crucial for SMEs pursuing business opportunities in the target countries.
- Raise interest and awareness around intra-clusters collaboration-related activities (e.g. about the developed cluster strategies and the partnership itself) among the relevant companies and all the relevant stakeholders.

To reach this goal the following tasks have been undertaken

An effective dissemination and communication strategy was developed. This strategy serves as deliverable D5.1: Dissemination, Outreach and Communication Plan.

Various dissemination tools were developed such as:

- Logo, Layouts - May 2021
- Dissemination plan: 28 February 2021, 31 August 2021, 28 February 2022, 31 August 2022
- Website - May 2021
- Social Media (LinkedIn, Facebook) - General information, announcement of events, storytelling etc.
- PERCY Website including general information throughout the project, news, events, outputs, targets, and goals of the project was launched

The results of the project is disseminated on the partner websites as well through the link directly to the PERCY Website and the ECCP _ PERCY platform.

- *Deviations from the work plan, if any²:*

None

- *Deviations from the planned resources (person-month, personnel, etc.), if any²:*

Due to change of personnel especially in PCD and a huge workload to get the project started has resulted in an over-consumption of administrative hours (WP1). The consumption of time spent in WP1 is expected to fall during the project period.

- *Any structural, legal or management changes in the beneficiary organisations²:*

The foundation Plast Center Danmark is planning a merger of its network Danish Materials Networks into the Danish food cluster called Food & Bio Cluster Denmark. This is an ongoing process and will hopefully be ended by the end of 2021.

- *Please add any other relevant issue, which had or is likely to have an impact on project management*

None

- *The section should also provide short comments and information on coordination activities during the period in question, such as communication between beneficiaries, possible cooperation with other projects/programmes etc.*

Communication between partners takes place on an ongoing and regular basis – meetings take place every 3-4 weeks. The following online tools have been used so far: Teams and Zoom. Moreover, direct mails and Microsoft Sharepoint, where the whole partnership has access to all documents, is being used.

Also bilateral meetings and emailing take place, when a specific topic is to be discussed.

² Any change to the content of the grant agreement or its annexes (annex I: the description of the action; annex II: estimated budget of the action) must be notified to EASME in writing without delay and, if necessary, implemented by means of amendment. Please be aware that describing the change(s) in this report does supersede the need for formal notification.

III. EXPECTED RESULTS/IMPACT & CONTINUITY OF THE PROJECT

1. Expected results/impact of the project

Call indicators:

Call Indicator	Achieved (cumulated results)	Target	Comments
1) Number of cluster organisations and business networks from different COSME participating countries having benefited from the supported actions	4	20	The clusters in the partnership
2) Number of cooperation agreements ³ resulting from the supported actions (optional for Strand 1)	-		Optional for Strand 1
3) Number of business agreements ⁴ resulting from the supported actions (optional for Strand 1)	-		Optional for Strand 1
4) Number of events (workshops/ matchmaking events/ working group meetings) organised	4	4	Workshops were held on-line in April- June 2021
5) Number of cluster and business matchmaking meetings supported	0	5	
6) Number of SMEs having directly or indirectly benefited from the supported actions, resulting in cooperation projects ⁵	?	5	We do not have this information at the moment
7) Increase in the percentage of the turnover from international activities, and employment in Europe, of	-		Optional for Strand 1

³ A **cooperation agreement** is a document outlining the basic terms of an agreement on planned cooperation activities with another entity. It can also be called a Memorandum of Understanding. It shows an understanding of cooperation between two or more parties, a mutual desire to work together on an agreed goal. For the purpose of this Call, these agreements are between the ESCP Partnership (including their member SMEs) and international cluster or intermediary organisations, as a result of the ESCP internationalisation activities during the lifetime of the COSME project.

⁴ A **business agreement** is a negotiated and usually legally enforceable understanding between two or more parties. It typically documents the give-and-take of a negotiated settlement. For the purpose of this Call, these agreements are, in principle, between SMEs in COSME countries and international SMEs in third countries, as a result of the ESCP internationalisation activities during the lifetime of the COSME project.

⁵ A **cooperation project** is any activity where two or more parties work together towards a jointly established goal. For the purpose of this Call, a cooperation project can take the format, inter alia, of the organisation of joint match-making events; preparation of joint studies, analyses and surveys; preparation of a joint branding and marketing strategy, etc. For the purpose of this Call, cooperation projects are between the ESCP Partnership (including their member SMEs) and international cluster or intermediary organisations, as a result of the ESCP internationalisation activities during the lifetime of the COSME project.

the SMEs having benefited directly and indirectly from the supported actions, as measured through a survey by the end of the action	-		
8) Impact of the supported actions in terms of number of resulting cooperation projects between international cluster and business network partners (optional for Strand 1).	-		Optional for Strand 1

Other project indicators:

Project Indicator	Achieved (cumulated results)	Target
Quarterly reports	12 reports – notes from meetings	8
Effectiveness of risk management	The issue are addressed on all meetings	Continuously if necessary
Number of SMEs participating in workshops	PCD: 14 WFG: 23 SPK: 6 POL: 7 Totally 50 participants	50 participants
Number of SMEs having participated in the survey	155 responses	150 responses
Number of countries covered in the desk top studies	5 countries covered	5 countries covered in desktop studies
Number of identified partners (clusters or business networks)		6 identified clusters or business networks
Number of partner missions	4 being planned	4
Number of cluster and business matchmaking meetings	4 online so far	8
Number of cooperation agreements (letters of intent about cooperation)		4
Number of partner workshops (steering committee workshops)	1	1
Number of Internationalization strategies		1
Number of Roadmaps		1
Newsletters		3
Seminars		4 talks at seminars about the learnings from the project

2. Number of events (cumulated results):

TARGET COUNTRIES	EVENTS (Number)				
	Preparatory events, e.g. workshop, seminars, visits (excluding C2C and B2B events)	C2C Events	C2C meetings	B2B Events	B2B meetings
Third Country 1 (Canada)	1				
Third Country 2 (Israel)					
Third Country 3 (India)					
Third Country 4 (USA)					
TOTAL					

3. Number of stakeholders involved (cumulated results):

STAKEHOLDERS INVOLVEMENT in the development of activities (excluding surveys and promotion activities) targeting cooperation with 3 rd markets (Number)				
	EU Clusters	EU SMEs	Clusters and other intermediary organisations from 3 rd -country	SMEs and businesses in 3 rd country
Third Country 1 (Canada)				
Third Country 2 (Israel)				
Third Country 3 (India)				
Third Country 4 (USA)				
TOTAL				

4. Overview of cooperation cases by European Clusters, if applicable:

TARGET COUNTRIES	OVERVIEW OF COOPERATION CASES BY EUROPEAN CLUSTERS (eg. Collaborative project initiated, MoU signed, other initiatives)					
	Cooperation case (name/nb) 1) Collaboration project (e.g. exchange visits), 2) Formal agreements signed (e.g. MoUs) 3)Representation office/role appointed by the consortium 4) Other	Brief description	Types of cooperation objectives (select category numbers in table below)	Sector / Technology	3 rd -country Partner name	
	Type	Nb.				
Third Country 1 (Canada)	1)	1	Project of mission in March 2022	12	Advanced materials	PRIMA Québec
	2)	1	MoU on progress to be firmed before end of October 2021	12		PRIMA Québec
	3)					
	4)					
Third Country 2 (India)	1)	1	Will have a cooperation about a joint conference in India with participation of Danish SMEs	12	Recycling of plastics	Innovation Centre Denmark, India
	2)					
	3)					
	4)					
Third Country 3 (Israel)	1)					
	2)					
	3)					
	4)					
Third Country 4 (USA)	1)					
	2)					
	3)					
	4)					
TOTAL						

5. Overview of cooperation cases by European SMEs, if applicable:

OVERVIEW OF COOPERATION CASES BY EUROPEAN SMEs (e.g. Collaborative project initiated, MoU signed, other initiatives)						
	Cooperation case (e.g. business project, innovation test, visit) (name/Nb.)		Brief description	Types of cooperation objectives (select category numbers in table below)	Sector / Technology	3 rd -country Partner type of organization (and name if not confidential)
	Name	Nb.				

Third Country 1 (Canada)						
Third Country 2 (Israel)						
Third Country 3 (India)						
Third Country 4 (USA)						
TOTAL						

Type of cooperation objective: see

Type of cooperation objective (select one):	
<input type="checkbox"/> Research & Development (1)	<input type="checkbox"/> Staff exchange (9)
<input type="checkbox"/> Technology transfer (2)	<input type="checkbox"/> Academic (10)
<input type="checkbox"/> Exports (3)	<input type="checkbox"/> Foreign Direct Investment(s) (FDIs): Inward/outward (11)
<input type="checkbox"/> Imports (4)	<input type="checkbox"/> Organization of joint business events (12)
<input type="checkbox"/> Sales office representation (5)	<input type="checkbox"/> Knowledge sharing & information exchange (13)
<input type="checkbox"/> Joint venture (6)	<input type="checkbox"/> Establishment of business contacts among members (14)
<input type="checkbox"/> Merger and Acquisition (7)	<input type="checkbox"/> Other (specify):
<input type="checkbox"/> Soft Landing services (8)	

6. Further details on cooperation cases, if applicable⁶:

a) by EU clusters

EU Cluster organisation	Sector	Partner organisation		Explain/describe cooperation case (please elaborate)	Main steps undertaken	Next steps envisaged (if any)
		Name	Country			
						<i>Ex: Visit, participation to future events, mission of companies, results of ongoing project, preparation of new project,</i>
Cluster Union http://uksk.sk/	Cross sector	SPK	Slovakia	Active membership in the UNION of clusters and active exchange of information	cooperation, active communication, sharing information, membership	Visit, participation to future events, mission of companies, results of ongoing project, preparation of new project

⁶ Cooperation with:

- other cluster partnerships (which ones?)
- other EU initiatives (e.g. Low Carbon business Action, EU Gateways)
- others

IT Valley Košice	IT	SPK	Slovakia	active exchange of information	cooperation, active communication, sharing information	Visit, participation to future events, mission of companies
Bio-Economy cluster	Bio	SPK	Slovakia	active exchange of information	cooperation, active communication, sharing information	Visit, participation to future events, mission of companies
Hemp Cluster	Bio	SPK	Slovakia	active exchange of information	cooperation, active communication, sharing information	Visit, participation to future events, mission of companies
CLUTEX	Plastics	SPK	Czech Republic	active exchange of information, partnership in international projects	cooperation, active communication, sharing information, project partnership	Visit, participation to future events, mission of companies, results of ongoing project, preparation of new project
Plastikářský klastr z.s.	Plastics	SPK	Czech Republic	active exchange of information, partnership in international projects	cooperation, active communication, sharing information, project partnership	Visit, participation to future events, mission of companies, results of ongoing project, preparation of new project
FOMENTEX	Textile	SPK	Spain	active exchange of information, partnership in international projects	cooperation, active communication, sharing information, project partnership	Visit, participation to future events, mission of companies, results of ongoing project, preparation of new project
NTT		SPK	Italy	active exchange of information, partnership in international projects	cooperation, active communication, sharing information, project partnership	Visit, participation to future events, mission of companies, results of ongoing project, preparation of new project
Bydgoszcz Industrial Cluster	Cross sector	SPK	Poland	active exchange of information, partnership in international projects	cooperation, active communication, sharing information	Visit, participation to future events, mission of companies, results of ongoing project, preparation of new project
MMSZ Polimerek	Plastics	SPK	Hungary	active exchange of information	cooperation, active communication, sharing information	Visit, participation to future events, mission of companies, results of ongoing project, preparation of new project
Food & Bio Cluster Denmark	Packaging	PCD	Denmark	Partners in the EU funded project: GCO	Running a joint project.	Visit, participation to future events, mission of companies, results of ongoing project, preparation of new project.
CLEAN	Plastics	PCD	Denmark	Partners in the EU funded project: GCO	Running a joint project.	Visit, participation to future events, mission of companies, results of ongoing project.

Lifestyle & Design Cluster	Plastics	PCD	Denmark	Partners in the EU funded project: GCO	Running a joint project.	Visit, participation to future events, mission of companies, results of ongoing project, preparation of new project.
Netværk for bæredygtigt erhverv (NBE)	Plastics	PCD	Denmark	Partners in the EU funded project: GCO	Running a joint project.	Visit, participation to future events, mission of companies, results of ongoing project, preparation of new project.
Ocean Plastic Forum	Plastics	PCD	Denmark	Partners in the Industry funded project: Next step	Running a joint project.	Visit, participation to future events, mission of companies, results of ongoing project, preparation of new project.
Asociación Clúster de Automoción de Aragón CAAR (caaragon)	Automotive	WFG	Germany	Partners in the EU funded project: EVOLUTE	Running a joint project.	
Moravskoslezský automobilový klastr, z.s. (Autoklastr)		WFG	Czech Republic	Partners in the EU funded project: EVOLUTE	Running a joint project.	
COMET Scrl - Cluster Metalmeccanica del Friuli Venezia Giulia (COMET)		WFG	Italy	Partners in the EU funded project: EVOLUTE	Running a joint project.	
Automobilski klaster Srbije (AC Serbia)		WFG	Serbia	Partners in the EU funded project: EVOLUTE	Running a joint project.	
El Cluster de la Maquinaria i els medis de producció agrícola de Catalunya (FEMAC)		WFG	Spain	Partners in the EU funded project: EVOLUTE	Running a joint project.	

b) by European SMEs

EU SME	Sector	Partner organisation		Explain/describe cooperation case (please elaborate)	Main steps undertaken	Next steps envisaged
		Name	Country			
						<i>Ex: Visit, participation to future events, mission of companies, results of ongoing project, preparation of new project,</i>

c) Other relevant cooperation cases, if applicable:

1) Cooperation with other cluster partnerships (which ones?)
Mentioned above.
2) Cooperation with other EU initiatives (e.g. Low Carbon Business Action, EU Gateways...)
The SPK representative is also board member of Slovak Cluster Union (access to project funding from European Social Fund). EuPC Brussels – cooperation on preparation of professional seminars in plastics industry. POLYMERIS is engaged in a lot of cooperation with European Initiatives (project of DIH, many European projects, EFFRA, ERMA).
3) Other relevant cooperation cases
Enterprise Europe Network (EEN) CEPOMA - Cooperation with the department of STU FCFT in Nitra - we do train for teachers, but also networking in case entrepreneurs need to make a prototype on a machine - there are all technologies represented.

7. Impact of the project's activities (if applicable):

Impact of the WP5:

Outreach and awareness-raising activities are making the PERCY project successful in implementation and impact.

A central goal of the PERCY project communication and dissemination strategy is to maximize the opportunities to promote the project results throughout the lifetime of the PERCY project and beyond the project period.

This will ensure that key stakeholders can contribute to and act on the findings in a timely fashion.

All these forms of promotion and publicity activities considered in the dissemination plan will make the EU support of the project clearly visible.

8. Communication of activities and dissemination of results:

- *News items, events, success stories, disseminated on websites (including in the ECCP) and social media. Please, include the links to these.*

Presentation of PERCY project during the Polymeris general assembly on 23rd of June 2021 - 151 participants.

Presentation of Danish Materials Network and PERCY given by Ms. Dorte Walzl Bælum at SPK general assembly on 29 June 2021 - 51 participants. Behind login.
<https://portal.spklaster.sk/index.php/sk/clenska-zona>.

- *Deliverables published on websites (except administrative/project management deliverables).*

D2.1. Deliverable Market Survey on SMEs Needs

D2.2. Deliverable Market Survey on the Target Markets

D5.1. Dissemination, Outreach and Communication Plan

All reports have been published on the ECCP platform, on the PERCY website and on partner websites.

- *Development of a joint branding and marketing strategy (e.g. common logo, communication materials) and activities promoting the visibility of the Partnership.*

A project logo, templates in word and ppt, dissemination outreach and communication plan has been created by SPK and has been adopted by all partners.

Also, Social media accounts for the Project PERCY as Facebook account and LinkedIn account and are used by all partners.

A PowerPoint template has been developed by WFG in preparation of the online workshops (cf. WP 2) and will be used throughout the project.

9. Continuity: steps taken (or envisaged) to ensure the exploitation of project results in the medium and long term (if applicable):

- *Measures and actions taken to ensure a continuation of activities of the partnership after the end of the EU funding:*

Continued existence of the PERCY website.

- *Multiplier effects from the actions carried out (including replication and extension of project outcomes, etc.)*

-

10. Please provide testimonials from clusters and / or SMEs, if applicable:

-

APPENDIX A: WP5 – PERCY DISSEMINATION, OUTREACH AND COMMUNICATION PLAN

Note:

L= Local, R=Regional, N=National, E=European, I=International / Outside Europe

Evidence – When an activity is implemented, you should try to collect evidence (photos of an event, copy of a media brief document, presentation slides, signed list of attendances, etc.).

Target Group – Check the proposal for the activities, target groups, indicators that must be kept.

Partner Institution	Slovenský plastikársky 31lister (SPK)	Partner Country	Slovakia	Reporting Period	2. 2021.03.01 – 2021.08.31
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Date of event /Activity	Place / Channel / Pathway	Description of event / Activity	Dissemination level					Target Group	Number of participant/ Readers/ Audience	Impact / Results	Evidence
			L	R	N	E	I				
			2021.08.03	Presentations at VUC	Presentations at VUC (Self-governing regions Nitra, Presov, Trencin - where we present all our projects)	x	x				
2021.06.29 General Assembly of the SPK	Hotel Mikando, Nitra	General Assembly - which is held locally (Nitra)	x					SPK Presidium Meeting	Members of the Presidium of the SPK	Awareness raising	7 Members and non-members of SPK, Minutes from the meeting, PPT presentation
2021.08.03	Negotiations in regions	Negotiations in regions with individual members or future members (with innovative companies)	x	x				SPK Meeting		Awareness raising	SMEs representatives
March – April 2021 Interviews regarding PERCY		Interviews with business owners or directors, whom we involved in interviews and surveys	x	x				Cluster members, SMEs	30	Information material - in the e-version and in the printed version - about the project	Interviews questionnaires
2021.08.03	Off-line activities	In the case of possible off-line activities, such as training of employees of member companies, brief information is provided, as well as leaflets about the project.	x	x				Cluster members, SMEs		Awareness raising	Information material - in the e-version and in the printed version - about the project

2021.08.03 SIEA, Bratislava	Presentation of project activities at national meetings, such as work in working groups, but also working meetings of clusters within the Union of Clusters at SIEA (Slovak Innovation and Energy Agency)	Presentation of project activities at national meetings, such as work in working groups, but also working meetings of clusters within the Union of Clusters http://uksk.sk (16 clusters) at SIEA (Slovak Innovation and Energy Agency (an organization directly managed by the Ministry of Economy of the Slovak Republic) https://www.siea.sk , on the website.	x	x	x			Cluster members	16 clusters, minutes of the meeting	Information material - in the e-version and in the printed version - about the project	Minutes of the meeting at SIEA, PPT presentation
Web page of the SPK	website	Web page SPK (www.spklaster.sk) on web page - INOVUJME.SK https://www.inovujme.sk/slovensky-klastrovny-monitor	x	x	x	x	x	Cluster members, SMEs, others		Awareness raising	print screens
2021.06.29	Conferences and seminars organize by the SPK	At conferences and seminars organized through SPK.	x	x	x			Members of the SPK, SMEs and other organizations		Awareness raising	Information material - in the e-version and in the printed version - about the project
2021.08.03	Conferences and seminars organized by the Slovak Business Agency	At conferences and seminars organized by the Slovak Business Agency (Memorandum of Cooperation)	x	x	x			Members of the SPK, SMEs and other organizations		Awareness raising	Information material - in the e-version, PPT presentation
2021.08.03	Media of the Slovak Chamber of Commerce and Industry	Through the media of the Slovak Chamber of Commerce and Industry (www.sopk.sk).	x	x	x			Members of SPK, SMEs and other organizations		Awareness raising	Information material - in the e-version PPT presentation
June 2021	SPK Annual Report	SPK Annual Report https://portal.spklaster.sk/index.php/sk/spk/vyrocné-spravy-spk electronic form but also print form.	x	x	x			Members of the SPK, SMEs and other organizations	50 members	Awareness raising	Information material in the printed version
June 2021	Plaster - SPK Newsletter	Plaster - SPK Newsletter https://portal.spklaster.sk/index.php/sk/spk/spravodaj-spik e-form but also in printed form.	x	x	x			Members of the SPK, SMEs and other organizations	50 members and non-members of SPK - <i>direct mailing</i> ,	Awareness raising	Periodical of SPK Print and electronic version – Article Awareness raising



		A series of information on the Plastic portal, every week about one project, Newsletter						50 SMEs and other organization – <i>printing version</i> 1500 different website visitors – <i>web version</i>		Link, PrSc e-mailing box, 1-piece printing version
2021.08.03	Continuously LinkedIn and Facebook	Conferences organized from the position of the Ministry of the Environment / or the Ministry of Economy of the Slovak Republic. - LinkedIn and Facebook.	x	x	x			SMEs and other organizations, followers	Awareness raising - possibility of further dissemination PPT presentation	Awareness raising Print and electronic version – Article
June 2021	Print professional media aimagazine Strojárstvo SK / Strojírnoství CZ	Print professional media aimagazine (https://portal.spklaster.sk/index.php/sk/spk/spravodaj-spj page 16), or Strojárstvo SK / Strojírnoství CZ. These are print media that have an extension to the Czech Republic, so we can also consider the EU level. Print and electronic version – Article Interview with Katarína Ikrényiová, Executive Director of SPK on page 14	x	x	x			SMEs and other organizations	5000 pieces – printing version MAGAZINE ADDRESSEES Top and middle management of companies in the automotive industry, mechanical engineering and the affected industries, manufacturers, subcontractors, designers, technologists, managers, university and secondary school teachers, students and doctoral students of universities, secondary and apprenticeship vocational education, public administration institutions, advisory, educational and training organizations, unions and associations operating in the industry sector, chambers of commerce, other business, professional and lay public	June 2021 Print professional media aimagazine Strojárstvo SK / Strojírnoství CZ
2021.08.03	Direct e-mailing	Direct e-mailing to members, but also to non-members of SPK. Link, PrSc e-mailing box	x	x	x			Members of SPK, SMEs and other organizations	Possibility of further dissemination	Awareness raising PPT presentation

2021.08.03	Direct e-mailing with our partner organizations abroad	Direct e-mailing with our partner organizations abroad (UK, Austria, Poland, Czech Republic)	x	x	x	x		SMEs and other organizations	Possibility of further dissemination	Awareness raising	Emailing list
2021.08.03	Direct e-mailing Projects are also presented at the (mostly international) seminar Trends in the Plastics Industry	Direct e-mailing through its member and media partner ICOSA - PLASTICPORTAL https://www.plasticportal.sk/sk in CZ, PL but also HU. Also, passive information in news. Participation in international fairs as guests at selected fair stands (Engineering Fair Brno, fairs in Poland or Romania). If they were allowed. Of course, other international trade fairs, especially the K trade fair in Dusseldorf, or FAKUMA in Friedrichshafen.	x	x	x	x		SMEs and other organizations	Possibility of further dissemination PPT presentation	Awareness raising	Emailing list
Feb – May 2021	Bilateral negotiations or B2B activities (offline) with Austria, resp. Portugal	Communication with sales departments of foreign embassies accredited for the Slovak Republic (especially the Dutch, partly Belgian and Portuguese, Hungarian and Austria).	x	x	x	x	x	SMEs and other organizations	Possibility of further dissemination PPT presentation	Awareness raising	ppt presentations, minutes of the meeting
2021.08.03	Information and communication with Turkey	Aegean Region Chamber of Industry, Izmir Chamber of Commerce and Aegean Plastic Industrialist Association - EGEPLASDER (Izmir) and Mazhar Zorlu Technical and Vocational High School (Izmir).	x	x	x	x	x	SMEs and other organizations	Possibility of further dissemination	Awareness raising	PPT presentation
2021.08.03	Media LinkedIn + Website, + other media + others + web-sites SOPK etc.	Link, PrSc e-mailing box	x	x	x	x	x	SMEs and other organizations, followers	Possibility of further dissemination	Awareness raising	Emailing list

Partner Institution	Plast Center Danmark	Partner Country	Denmark	Reporting Period	2. 2021.03.01 – 2021.08.31
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Date of event / Activity	Place / Channel / Pathway	Description of event / Activity	Dissemination level					Target Group	Number of participants/ Readers / Audience	Impact / Results	Evidence
			L	R	N	E	I				
2021.03.25	Webinar	Webinar: Ultraprecision Manufacturing Promoted PERCY			x			DMN members and other prospects		Increased awareness of PERCY the project	See the DMN website: www.dmn-net.com
2021.05.03	Webinar	Webinar: Smart Casting Processes – establishing digital twins based on advanced sensors and models Promoted PERCY			x			DMN members and other prospects	28	Increased awareness of the PERCY project	See the DMN website: www.dmn-net.com
2021.05.06	Webinar	Online workshop on internationalization through PERCY			x			DMN members and other prospects	14	Increased awareness of the PERCY project	See the DMN website: www.dmn-net.com
2021.05.12	Webinar	Extended producer responsanility on packaging Promoted PERCY			x			DMN members and other prospects	49	Increased awareness of the PERCY project	See the DMN website: www.dmn-net.com
2021.05.31	Webinar	Digital technologies for the plastic industry Promoted PERCY			x			DMN members and other prospects	39	Increased awareness of the PERCY project	See the DMN website: www.dmn-net.com
2021.06.03	Webinar	Pyrolysis & Liquefaction Oils – Production & Upgrade Promoted PERCY			x			DMN members and other prospects	137	Increased awareness of the PERCY project	See the DMN website: www.dmn-net.com
2021.06.29	Webinar	Importance of networks in the field of plastics processing and plastic waste Promoted PERCY				x		SPK members and other prospects	51	Increased awareness of the PERCY project	See the DMN website: www.dmn-net.com
2021.08.17	Webinar	Webinar: Optimization of packaging Promoted PERCY			x			DMN members and other prospects	68	Increased awareness of the PERCY project	See the DMN website: www.dmn-net.com

Partner Institution	POLYMERIS	Partner Country	France	Reporting Period	2. 2021.03.01 – 2021.08.31
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Date of event / Activity	Place / Channel / Pathway	Description of event / Activity	Dissemination level					Target Group	Number of participants / Readers / Audience	Impact / Results	Evidence
			L	R	N	E	I				
2021.04.01	Opening of Polymeris new website www.polymeris.fr	2 pages dedicated to Percy (International and Europe)				X		Accessible to everyone			https://polymeris.fr/europe.html and https://polymeris.eu/international.html
2021.06.23	Communication during Polymeris general assembly				X			Members and partners	155 participants		 210623 ppt AG PERCY PROJECT.pdf
2021.07.06	Article in the PLastilien magazine	1 page			x			Readers			Article  210823 PERCY Plastilien 06 Juil.Aoç

Partner Institution	Wirtschaftsförderung Raum Heilbronn GmbH	Partner Country	Germany	Reporting Period	2. 2021.03.01 – 2021.08.31
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Date of event / Activity	Place / Channel / Pathway	Description of event / Activity	Dissemination level					Target Group	Number of participants / Readers / Audience	Impact / Results	Evidence
			L	R	N	E	I				
2021.03.24	Zoom Meeting	Israel Innovation Hub					X	Match making interested institutions		Search/contact potential partners for WP3	Zoom Link
2021.04.07	LinkedIn	Promotion of the project in general		X				Followers of the WFG account	155	Awareness and participation	
2021.04.07	Instagram	Promotion of the project in general		X				Followers of the WFG account	264	Awareness and participation	
2021.05.18	Teams Meeting	Fachbeirat der WHF		x				Shareholders of the regional development agency	8	Awareness	
2021.07.15	Newsletter	Subscribers			X			All interested in the work of the WFG	Approx. 3000	Awareness	Newsletter
2021.06.11	Zoom Meeting	Bündnis für Transformation		X				association of regional partners dealing with issues of transformation in the automotive industry	15	Awareness	
2021.06.25	Zoom Meeting	Supervisory Board Meeting	X					Members	8	Awareness	Presentation
2021.07.12	Meeting	Network meeting of local hydrogen companies	X					Network members of local hydrogen companies		Promotion of the project in other sectors	
2021.07.22	Zoom Meeting	WFG Shareholders Meeting	X					Shareholders of the WFG	46	awareness	ZoomLink/ Presentation
2021.07.22	Zoom Meeting/webinar	“Qualification creates future”		x				SME interestd in future orientated topics	99	Awareness	Zoom Link

Annex 1. Use of resources in EUR - Overview Person-Month Status (cumulative from the beginning of the project till end August 2021)																			
Workpackage	WP1			WP2			WP3			WP4			WP5			TOTAL per Beneficiary			Comments
	Actual	Planned	% (actual vs planned)	Actual	Planned	% (actual vs planned)	Actual	Planned	% (actual vs planned)	Actual	Planned	% (actual vs planned)	Actual	Planned	% (actual vs planned)	Actual total	Planned total	% (actual vs planned)	
PCD - Coordinator	18.941,41	24.046,00	78,77%	9.288,14	16.395,00	56,65%	4.555,53	38.255,00	11,91%	104,33	27.325,00	0,38%	1.403,84	8.744,00	16,05%	34.293,23	114.765,00	29,88%	
Polymeris	4.870,00	4.708,00	103,44%	1.273,30	14.124,00	9,02%	1.971,37	20.246,00	9,74%	-	18.832,00	0,00%	29,96	9.416,00	0,32%	8.144,63	67.326,00	12,10%	
SPK	2.054,40	3.783,00	54,31%	8.142,70	7.566,00	107,62%	2.760,60	10.090,00	27,36%	-	10.089,00	0,00%	3.429,35	5.044,00	67,99%	16.387,05	36.572,00	44,81%	
WFG	4.641,49	6.503,00	71,37%	18.280,12	16.422,00	111,31%	10.068,54	29.113,00	34,58%	-	11.495,00	0,00%	1.576,45	4.810,00	32,77%	34.566,60	68.343,00	50,58%	
....																			
TOTAL	30.507,29	39.040,00	78,14%	36.984,25	54.507,00	67,85%	19.356,03	97.704,00	19,81%	104,33	67.741,00	0,15%	6.439,60	28.014,00	22,99%	93.391,50	287.006,00	32,54%	