



DELIVERABLE D.T3.2.6 “FINAL SUSTAINABILITY PLAN”

INTRODUCTION

The purpose of this document is to present a the final sustainability plan that defines BIOCOMPACK-CE project outputs that need to be sustained, partners that will assume responsibility for maintaining, promoting and using individual project outputs and target groups of sustainability and coordination provisions. Topics of the this sustainability plan were prepared for discussion during ISC 4 in Zagreb, Croatia. This was followed by a workshop during which Project Partners listed different proposals for responsibilities and formalities needed for each of the project output. Those were included in the previous iteration of this document – the Draft Project Output Sustainability Plan. The proposals build in the draft were discussed at length in the following project meetings including the final Steering Committee meeting in October 2020, with objective to create the final sustainability plan. Based on those discussions, final version of the project sustainability plan defines project outputs that need to be sustained, partners that will assume responsibility for maintaining, promoting and using individual project outputs and target groups of sustainability and coordination provisions. Those are summarised in a table in this document.

PROJECT OUTPUTS

BIOCOMPACK-CE project includes 5 outputs. There are described below:

Table 1: Project Outputs

Output	Description	Form
Output O.T1.1.1 - Strategy for innovative paper-bioplastics packaging value chain development in Central Europe	The strategy shall be prepared and set objectives and priorities in a three-five years perspective and focus on strengthening linkages within the innovation systems related to biodegradable plastics in paper and cardboard packaging applications, as such contributing to innovative growth and the circular economy. It will be supported by a wider group of stakeholders and communicate a strategic vision on paper-bioplastics innovations' added value for environment and society.	Strategies and action plans developed and/or implemented for strengthening linkages within the innovation systems AMOUNT - 1

<p>Output O.T1.2.1 - An integrated cross-sectoral business support service for paper-bioplastics packaging innovations</p>	<p>The business support service shall be developed under, tested in pilot actions and refined. It will consist of three tools: a tool for feasibility assessment of framework conditions, a tool for technological feasibility and a tool for economic feasibility. A set of operational instructions will be included, which will allow to disseminate the service package to consultants that will cooperate with R&D specialists in the Transnational Biocomposite Packaging Centre</p>	<p>tools and services developed and/or implemented for strengthening linkages within the innovation systems</p> <p>AMOUNT - 1</p>
<p>Output O.T1.3.1 - An audit tool for company readiness assessment</p>	<p>An audit tool to allow companies interested in the introduction of biodegradable plastics in paper and cardboard packaging applications to assess their readiness to implement an innovation process together with the PPs will be developed in and tested in pilot actions. The audit tool will be disseminated among clusters, branch organisations and EEN to give companies low barrier access to a set of issues they should consider before entering into a change process.</p>	<p>tools and services developed and/or implemented for strengthening linkages within the innovation systems</p> <p>AMOUNT - 1</p>
<p>Output O.T2.1.1 - Pilot actions for testing a new business support service for paper-plastics packaging innovation</p>	<p>The project foresees 3 Pilot Action (PA) block involving a total of 21 companies. The first PA will focus on 3 companies (2 being PP and 1 as external expertise of PP6). The second one on 18 companies in 6 countries and the third on 6 companies involved in the previous 2 actions. The expected output is a verification of the support service, the cross-sectoral approach in technology transfer processes, and market and economic feasibility assessment. Case studies will be used in communication activities during and after the project</p>	<p>Number of pilot actions implemented for strengthening linkages within the innovation systems</p> <p>AMOUNT - 3</p>

<p>Output O.T3.1.1 - A Central European network platform for sustainable paper-plastics packaging solutions</p>	<p>PPs will set up a Transnational Biocomposite Packaging Centre to be coordinated by PP5. This centre will combine cross-sectoral capacities in paper and bioplastics and involve consultants from clusters, branch networks and EEN in delivering the business support service to companies together with researchers from the TBPC related to the original PPs. The first step towards the TBPC concerns a model and an action plan, the second step setting up the wider network</p>	<p>Number of innovation networks established</p> <p>AMOUNT - 1</p>
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PROJECT SUSTAINABILITY PLAN FOR DIFFERENT THEMATIC WORK PACKAGES

According to the application form for the BIOCMPACK-CE project the following sustainability provisions were planned for the outputs of thematic work packages:

Thematic Work Package 1 - A strategy and a business support service for CE paper-bioplastics packaging value chains

The strategy will be supported by the PPs and they will refer to it in their daily activities and communication to companies. The audit tool and the support service will be made available for representatives of clusters, branch networks and EEN. Consultants of these organisations will be trained in the project. The Transnational Biocomposite Packaging Centre established by PPs will maintain and further develop the tools in the framework of the PPs statutory competences and activities.

Thematic Work Package 2 - Testing of the business support service through pilot actions - from planning to action

The outputs will be incorporated in the fine-tuned business support service, to be offered by PPs after the project. The results will be prepared as case studies included in the Handbook "Sustainable Paper Plastics Design" and in conference presentations and serve as an inspiration for other companies to make use of the business support service. Relations between companies and PPs will be maintained and PP's will invite them to take part in nationally or internationally co-founded RDI projects.

Thematic Work Package 3 - Transfer of the business support service to identified regional networks and innovation systems

The TBPC will be coordinated by COBRO, that will establish an online platform and website under the project and maintain this after the project. The consultant or researcher closest to the future client will take up to role as integrator and coordinate the business support service. Other TBPC consultants/researchers will join on the basis of support service and technology transfer approach.

Source of income can be EU or national co-financing, voucher systems and private payment for services.

PROJECT SUSTAINABILITY PLATFORM - TBPC

To sustain R&D-business linkages over a longer period of time Project Partners have established a Transnational Biocomposite Packaging Centre (TBPC) linked to regional innovation systems. This Transnational Biocomposite Packaging Centre was named PaperBioPack by the project partners and its virtual address is PaperBioPack.eu. PaperBioPack was set up by the project partners by way of an agreement and coordinated by PP5. Other organisations (clusters, branch networks, EEN representatives) can become associated partners by way of signing a declaration and delegating at least one employee who will be trained and prepared for the task as consultant in providing the audit tool and selected tools and processes of the business support service. The partners prepared a two-year action plan that will include partners' roles and commitments, financial obligations and main activities. As the two year action plan is strongly linked to whole project sustainability, much of the two-year plan for the TBPC (PaperBioPack.eu) platform is also included in this report.

PaperBioPack business model will be defined on the basis of the outcomes of the thorough analysis in the first stage of the project. Establishing of TBPC (PaperBioPack) is the main output of thematic work package 3 (Transfer of the business support service to identified regional networks and innovation systems). The rationale for the TBPC (PaperBioPack) is to create an integrated virtual network platform (based on an agreement between PPs and an internet platform /website) of technology and business innovation service providers in the area of sustainable paper-plastics packaging solutions that will deliver support (exchange of information, knowledge and resources) to companies and develop R&D-business ecosystems for implementing new market oriented projects concerning the application of biodegradable plastics in paper-plastic packaging solutions in Central Europe. In practice this means that most of BIOCOMPACK-CE outputs will be a part of TBPC (PaperBioPack) platform and therefore the platform serves as a main project sustainability tool of the project.

FINAL PROJECT SUSTAINABILITY PLAN

The following table presents the collated proposals of all BIOCOMPACK-CE project partners on the responsibilities and formalities that need to be performed in order to sustain project outputs, based on several iterations of draft sustainability plans.

As explained earlier, most of those proposals refer to the operation of TBPC (PaperBioPack) which in turn is explained in details in the Memorandum of Understanding that each project partner signed at the end of project timeframe. (Deliverable D.T3.1.2 and D.T3.1.3).

Responsibilities and Formalities are linked to specific project partners (which are all members of TBPC/PaperBioPack). In addition the table also includes the Target Groups that need to be involved in order for the sustainability goals to be realised and that sustainability plan will concern.

Table 2. Final project outputs sustainability responsibilities and formalities.

Project outputs to be sustained	Responsibilities	Formalities	Target Groups
<p>Output O.T1.1.1 - Strategy for innovative paper-bioplastics packaging value chain development in Central Europe</p>	<ul style="list-style-type: none"> ▪ Collecting of periodic feedback from paper / plastic packaging users - what kind of product they need for their customers and checking environmental impacts of those materials [ALL PP] ▪ lobbying activities linked to TBPC members operations [ALL PP/PP6] ▪ Reviewing and updating of the strategy for innovative paper-bioplastic packaging value chain development in Central Europe at least once a year given the current developments and policy changes [ALL PP/PP11] ▪ Inclusion of external experts' opinion in the update and review procedure of the strategy [ALL PP] ▪ Establishing steering committee meetings of the network, where specific measures of output sustainability will be discussed and planned. [LP] 	<ul style="list-style-type: none"> ▪ Administration of TBPC website relating to strategy [PP5] ▪ Legislative background checks for policy changes [LP/PP6/PP11] ▪ Steering committee meetings organisation [LP] 	<ul style="list-style-type: none"> ▪ Local public authorities ▪ Regional public authorities ▪ National public authorities ▪ Sectoral agencies ▪ Interest groups ▪ Business support organisations ▪ International organisations

<p>Output O.T1.2.1 - An integrated cross-sectoral business support service for paper-bioplastics packaging innovations</p>	<ul style="list-style-type: none"> ▪ Maintaining communication platform for companies from different fields of industry. [ALL PP] ▪ Creating marketing opportunities for TBPC members [PP5] ▪ Reviewing and updating of the business support service at least once a year given the current developments and policy changes [ALL PP] ▪ Providing contacts to internal and external experts that can assist in implementation of the business support service [ALL PP] ▪ Training sessions for existing and new members of the TBPC on implementing of the business support service – knowledge transfer [ALL PP] ▪ Establishing steering committee meetings of the network, where specific measures of output sustainability will be discussed and planned. [LP] 	<ul style="list-style-type: none"> ▪ Administration of TBPC website relating to business support service [PP5] ▪ Legislative background checks for policy changes [LP/PP11] ▪ Steering committee meetings organisation [LP] 	<ul style="list-style-type: none"> ▪ Sectoral agencies ▪ Interest groups ▪ Business support organisations ▪ SME's ▪ Large Enterprises ▪ Education/training centre
<p>Output O.T1.3.1 - An audit tool for company readiness assessment</p>	<ul style="list-style-type: none"> ▪ Reviewing and updating of the audit tool at least once a year given the current developments and policy changes [ALL PP] ▪ Adjusting the audit tool procedure to different participants of the packaging value chain [ALL PP] 	<ul style="list-style-type: none"> ▪ Administration of TBPC website relating to the audit tool [PP5] ▪ Legislative background checks for policy changes that may require updates of 	<ul style="list-style-type: none"> ▪ Sectoral agencies ▪ Interest groups ▪ Business support organisations ▪ SME's ▪ Large Enterprises ▪ Education/training centre

	<ul style="list-style-type: none"> ▪ Providing contacts to internal and external experts that can assist in auditing [ALL PP] ▪ Training sessions for existing and new members of the TBPC on audit tool [ALL PP/PP11] ▪ Establishing steering committee meetings of the network, where specific measures of output sustainability will be discussed and planned. [LP] 	<p>audit tool [PP11]</p> <ul style="list-style-type: none"> ▪ Steering committee meetings organisation [LP] 	
<p>Output O.T2.1.1 - Pilot actions for testing a new business support service for paper-plastics packaging innovation</p>	<ul style="list-style-type: none"> ▪ Creating and updating of the template for further pilot actions that can be realised with members of TBPC [PP9] ▪ Finding actors to participate in future Pilot Actions – periodic call for proposals for future pilot actions [ALL PP] ▪ Promoting PaperBioPack platform by offering Pilot Action to new members [ALL PP] ▪ Establishing steering committee meetings of the network, where specific measures of output sustainability will be discussed and planned. [LP] 	<ul style="list-style-type: none"> ▪ Administration of TBPC website relating to pilot actions [PP5] ▪ Steering committee meetings organisation [LP] 	<ul style="list-style-type: none"> ▪ Business support organisations ▪ SME's ▪ Large Enterprises
<p>Output O.T3.1.1 - A Central European network platform for sustainable</p>	<ul style="list-style-type: none"> ▪ Promotional and communication activities for the TBPC including: organisation of conferences and seminars, participation 	<ul style="list-style-type: none"> ▪ Administration of TBPC website focusing on all sections relating to the 	<ul style="list-style-type: none"> ▪ Sectoral agencies ▪ Interest groups ▪ Business support organisations ▪ SME's ▪ Large Enterprises

<p>paper-plastics packaging solutions</p>	<p>in 3rd party conferences and seminars, packaging trade exhibition presence, online and offline publications and leaflets [ALL PP]</p> <ul style="list-style-type: none"> ▪ Informational activities focusing of growing the network and possibilities to join the network [ALL PP] ▪ Updating the TBPC website with relevant technical information about biocomposite packaging industry, technologies, materials, certification, strategies etc. [ALL PP] ▪ Creation of two-year action plans for the TBPC [PP5] ▪ Establishing steering committee meetings of the network, where specific measures of output sustainability will be discussed and planned. [LP] 	<p>network creation [PP5]</p> <ul style="list-style-type: none"> ▪ Administration of the TBPC discussion forum [PP5] ▪ Steering committee meetings organisation [LP] 	<ul style="list-style-type: none"> ▪ Education/training centre ▪ General Public
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