

Detailed Work Plan

The Work Package (WP), the Group of Activity (GoA) and the Main Outputs (O) codes presented in the detailed work plan are in line with the Project Data.

Milestones	Period 1: 0-6 th months Oct 2017 – March 2018	Period 2: 6-12 th months April 2018- Sept 2018	Period 3: 12-18 th months Oct 2018 – March 2019	Period 4: 18-24 th months April 2019- Sept 2019	Period 5: 24-30 th months Oct 2019 – March 2020	Period 6: 30-36 th months April 2020- Sept 2020
WP 1 Management and administration WP1 leader: PP1/LP	<p>Partnership agreement is signed by all PPs.</p> <p>All PPs nominate a member to the Project Steering Committee (PSC).</p> <p>LP prepares the rules of procedure of the Project Steering Committee (PSC) that are approved by the PSC in the first meeting. All PPs attend the first PSC meeting organized online.</p> <p>Kick-off meeting is organized by the Lead Partner (LP) in Central Finland; All PPs participate the Kick-off meeting.</p> <p>MST (PP1, PP2, PP6, PP9, PP10 and PP11) meets 2-4 times online to support coordination of activities.</p> <p>LP provides a website and selected social media sites to support external communication of the project.</p>	<p>All PPs attend the PSC meeting in Estonia. Partners PP1, PP4, PP8 and PP11 support the attendance of specialized experts to the Steering Committee's Advisory Board. PP1, PP4, PP8 and PP11 ensure the relevance of the specialized experts' contribution to the meeting and document their input and related learning experiences.</p> <p>MST (PP1, PP2, PP6, PP9, PP10 and PP11) meets 2-4 times online to support coordination of activities.</p> <p>LP prepares and submits the project progress report for period 2 with the timely contribution of partner progress reports from all PPs in line with programme manual and partnership agreement.</p> <p>LP maintains a dialogue with Joint Secretariat to</p>	<p>All PPs attend the PSC meeting organized online.</p> <p>MST (PP1, PP2, PP6, PP9, PP10 and PP11) meets 2-4 times online to support coordination of activities.</p> <p>LP prepares and submits the project progress report for period 3 with the timely contribution of partner progress reports from all PPs in line with programme manual and partnership agreement.</p> <p>LP maintains a dialogue with Joint Secretariat to confirm any changes to project data as well as to share success stories and best practices.</p> <p>All PPs maintain a dialogue with the LP on the progress made, challenges encountered and any deviation to project data or this work plan via the</p>	<p>All PPs attend the PSC meeting in Poland. Partners PP1, PP4, PP8 and PP11 support the attendance of specialized experts to the Steering Committee's Advisory Board. PP1, PP4, PP8 and PP11 ensure the contribution of the specialized experts to meeting and document their input and related learning experiences.</p> <p>MST (PP1, PP2, PP6, PP9, PP10 and PP11) meets 2-4 times online to support coordination of activities.</p> <p>LP prepares and submits the project progress report for period 4 with the timely contribution of partner progress reports from all PPs in line with programme manual and partnership agreement.</p> <p>LP maintains a dialogue with Joint Secretariat to confirm any changes to project data</p>	<p>All PPs attend the PSC meeting organized online.</p> <p>MST (PP1, PP2, PP6, PP9, PP10 and PP11) meets 2-4 times online to support coordination of activities.</p> <p>LP prepares and submits the project progress report for period 5 with the timely contribution of partner progress reports from all PPs in line with programme manual and partnership agreement.</p> <p>LP maintains a dialogue with Joint Secretariat to confirm any changes to project data as well as to share success stories and best practices.</p> <p>All PPs maintain a dialogue with the LP on the progress made, challenges encountered and any deviation to project data or this work plan via the online platform, email and web consultations.</p>	<p>All PPs attend the PSC meeting in Latvia. Partners PP1, PP4, PP8 and PP11 support the attendance of specialized experts to the Steering Committee's Advisory Board. PP1, PP4, PP8 and PP11 ensure the contribution of the specialized experts to meeting and document their input and related learning experiences.</p> <p>MST (PP1, PP2, PP6, PP9, PP10 and PP11) meets 2-4 times online to support coordination of activities.</p> <p>LP organizes the Final Conference of the project; All PPs take part in the Final Conference.</p> <p>LP prepares and submits the project progress report for period 6 with the timely contribution of partner progress reports from all PPs in line with programme</p>

	<p>All PPs communicate the launch of the project in the regional communication channels of the partners.</p> <p>LP sets up a quality assurance and monitoring system for the project; all PPs review the system, provide their input and commit to implementation.</p> <p>LP prepares and submits the project progress report for period 1 with the timely contribution of partner progress reports from all PPs in line with programme manual and partnership agreement.</p> <p>LP provides an online platform for internal communication, document sharing and discussion; All PPs register to the platform and commit to using it for internal communication and sharing of information.</p> <p>LP provides a Communication guide to provide resources and guidance for projects' communication efforts. All PPs familiarize with the Communication guide and commit to applying the content; including ensuring the fulfilment of visual rules of BSR programme.</p>	<p>confirm any changes to project data as well as to share success stories and best practices.</p> <p>All PPs maintain a dialogue with the LP on the progress made, challenges encountered and any deviation to project data or this work plan via the online platform, email and web consultations.</p>	<p>online platform, email and web consultations.</p>	<p>as well as to share success stories and best practices.</p> <p>All PPs maintain a dialogue with the LP on the progress made, challenges encountered and any deviation to project data or this work plan via the online platform, email and web consultations.</p>		<p>manual and partnership agreement.</p> <p>LP maintains a dialogue with Joint Secretariat to confirm any changes to project data as well as to share success stories and best practices.</p> <p>All PPs maintain a dialogue with the LP on the progress made, challenges encountered and any deviation to project data or this work plan via the online platform, email and web consultations.</p>
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	<p>LP maintains a dialogue with Joint Secretariat to confirm any changes to project data as well as to share success stories and best practices.</p> <p>All PPs maintain a dialogue with the LP on the progress made, challenges encountered and any deviation to project data or this work plan via the online platform, email and web consultations.</p>					
Milestones	Period 1: 0-6th months Oct 2017 – March 2018	Period 2: 6-12th months April 2018- Sept 2018	Period 3: 12-18th months Oct 2018 – March 2019	Period 4: 18-24th months April 2019- Sept 2019	Period 5: 24-30th months Oct 2019 – March 2020	Period 6: 30-36th months April 2020- Sept 2020
WP 2 Promoting S3 for developing the bio- economy WP2 leader: PP2	<p>In collaboration with PP1 and PP11, PP2 compiles a communication plan for the WP2 to guide target group involvement, documentation of learning experiences and dissemination of outputs in line with the open access principle. All PPs identify their communication channels for a regional communication framework that is used for implementing the communication plans.</p> <p>GoA leaders (PP2 and PP11) support and monitor the implementation of the communication plan and the documentation of learning experiences. WP2 leader (PP2) monitors the</p>	<p>All PPs contribute to the regional dissemination of project outputs to target groups as outlined in the communication plan of WP2.</p> <p>GoA leaders (PP2 and PP11) support and monitor the implementation of the communication plan and the documentation of learning experiences. WP2 leader (PP2) monitors the achievement of the open access principle in the WP2 implementation.</p> <p>LP leads the dialogue with and the dissemination to relevant BSR & EU networks and stakeholders</p>	<p>All PPs contribute to the regional dissemination of project outputs to target groups as outlined in the communication plan of WP2.</p> <p>GoA leaders (PP2 and PP11) support and monitor the implementation of the communication plan and the documentation of learning experiences. WP2 leader (PP2) monitors the achievement of the open access principle in the WP2 implementation.</p> <p>LP leads the dialogue with and the dissemination to relevant BSR & EU networks and stakeholders</p>	<p>All PPs contribute to the regional dissemination of project outputs to target groups as outlined in the communication plan of WP2.</p> <p>GoA leaders (PP2 and PP11) support and monitor the implementation of the communication plan and the documentation of learning experiences. WP2 leader (PP2) monitors the achievement of the open access principle in the WP2 implementation.</p> <p>LP leads the dialogue with and the dissemination to relevant BSR & EU networks and stakeholders with the support of PP2 and PP11.</p>		<p>All PPs contribute to the regional dissemination of project outputs to target groups as outlined in the communication plan of WP2.</p> <p>GoA leaders (PP2 and PP11) support and monitor the implementation of the communication plan and the documentation of learning experiences. WP2 leader (PP2) monitors the achievement of the open access principle in the WP2 implementation.</p> <p>LP leads the dialogue with and the dissemination to relevant BSR & EU networks and stakeholders with the support of PP2 and PP11.</p>

	<p>achievement of the open access principle in the WP2 implementation.</p> <p>All PPs contribute to the regional dissemination of project outputs to target groups as outlined in the communication plan of WP2.</p> <p>LP leads the dialogue with and the dissemination to relevant BSR & EU networks and stakeholders with the support of PP2 and PP11.</p>	<p>with the support of PP2 and PP11.</p>	<p>with the support of PP2 and PP11.</p> <p>With the lead of PP2 in Central Finland, PP5 in Hedmark, PP8 in Świętokrzyskie Voivodeship, PP11 in Vidzeme and PP12 in Estonia, all PPs ensure effective dissemination of the main outputs 2.1 and 2.2 in line with the open access principle and the communication plan.</p>			
Milestones	Period 1: 0-6th months Oct 2017 – March 2018	Period 2: 6-12th months April 2018- Sept 2018	Period 3: 12-18th months Oct 2018 – March 2019	Period 4: 18-24th months April 2019- Sept 2019	Period 5: 24-30th months Oct 2019 – March 2020	Period 6: 30-36th months April 2020- Sept 2020
WP 2 – GoA2.1 Producing Regional Bio- economy Profiles GoA leader PP2	<p>PP1 and PP2 appoint an external expert to exploit the BERST tools to provide (1) tailor-made validated regional profiles for five RDI2CluB partner regions and (2) benchmarking options to the regions for comparing their bioeconomy structure with similar regions elsewhere in Europe. (GoA2.1.1-2.1.5)</p> <p>All regions collect data from the statistics (GoA.2.1.1) and qualitative data via interviews (GoA2.1.2) for compiling the Regional Bioeconomy Profiles based on the instructions and work plan of the external expert</p>	<p>Regional Bioeconomy Profiles are produced with BESRT tool by the external expert appointed and supervised by PP1 and PP2. (GoA2.1.3a)</p> <p>With the lead of PP2 in Central Finland, PP5 in Hedmark, PP8 in Świętokrzyskie Voivodeship, PP11 in Vidzeme and PP12 in Estonia, all PPs in each region jointly engage in a dialogue with the external expert and the regional stakeholders in order to validate the findings of the RBPs. The regional partners co-organise “Cooperation</p>	<p>With MST support, PP2 guides the regional planning of smart specialization updates in all target regions. (GoA2.1.7)</p> <p>With the lead of PP2 in Central Finland, PP5 in Hedmark, PP8 in Świętokrzyskie Voivodeship, PP11 in Vidzeme and PP12 in Estonia, all PPs in each region jointly organise and document the regional planning of smart specialization updates and their implementation via joint meeting, workshop or stakeholder involvement. (GoA2.1.7)</p>	<p>With MST support, PP2 guides the regional planning of smart specialization updates in all target regions. (GoA2.1.7)</p> <p>With the lead of PP2 in Central Finland, PP5 in Hedmark, PP8 in Świętokrzyskie Voivodeship, PP11 in Vidzeme and PP12 in Estonia, all PPs in each region jointly organise and document the regional planning of smart specialization updates and their implementation via joint meeting, workshop or stakeholder involvement. (GoA2.1.7)</p>		<p>With MST support, PP2 guides the regional planning of smart specialization updates in all target regions. (GoA2.1.7)</p> <p>With the lead of PP2 in Central Finland, PP5 in Hedmark, PP8 in Świętokrzyskie Voivodeship, PP11 in Vidzeme and PP12 in Estonia, all PPs in each region jointly organise and document the regional planning of smart specialization updates and their implementation via joint meeting, workshop or stakeholder involvement. (GoA2.1.7)</p>

	<p>(under the supervision of PP1 and PP2). The tasks are led by PP2 in Central Finland, PP5 in Hedmark, PP8 for quantitative data and PP9 for qualitative data in Świętokrzyskie Voivodeship, PP11 in Vidzeme, and PP12 in Estonia.</p> <p>PP2 oversees and guides partners in all regions in collection of data for compiling the Regional Bioeconomy Profile based on the instructions and work plan of the external expert. (GoA2.1.1-2.1.2)</p>	<p>of Practice” workshop(s), where the regional partners discuss the RBPs in details with an invited special interest group that includes cluster managers or relevant actors, regional government representatives and entrepreneurs. PP2 in Central Finland, PP5 in Hedmark, PP8 in Świętokrzyskie Voivodeship, PP11 in Vidzeme, and PP12 in Estonia document the outcomes of workshops and share them with the partnership. (GoA2.1.3b)</p> <p>PP2 and PP1 guide the external expert in the integration of the most relevant indicators from the S3 Platform tools, especially a tool of "Benchmarking Regional Structure", with the BERST RBP tool for benchmarking of regional bioeconomies to complement RBPs with benchmarking options from Europe. (GoA2.1.4)</p> <p>With the lead of PP2 in Central Finland, PP5 in Hedmark, PP8 in Świętokrzyskie Voivodeship, PP11 in Vidzeme and PP12 in</p>	<p>With the lead of PP2 and input from all partners, the main output, a combined and edited report on the Benchmarked Regional Bioeconomy Profiles (O2.1), is finalized.</p>			
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WP 2 – GoA2.2: Preparing Joint Action Plans for	PP11 leads the organization and planning of the benchmarking visit to Netherlands with the support of PP2 and PP1 and with	All PPs take part in the benchmarking visit to Netherlands along with specialized experts invited and supported by PP3, PP6	With the lead of PP2 in Central Finland, PP5 in Hedmark, PP8 in Świętokrzyskie Voivodeship, PP11 in			

<p>developing Bio-economy</p> <p>GoA leader: PP11</p>	<p>feedback from all PPs. (GoA2.2.4)</p> <p>PP3, PP6, PP9 and PP11 reach out to target group representatives with specialized expertise to join the benchmarking visit (GoA2.2.4) and to provide added value to the analyses and learning experiences of the visit.</p>	<p>and PP11. (GoA2.2.4) PP3, PP6, PP9 and PP11 ensure the contribution of the specialized experts to project outputs and the documentation of their input and added value to the learning experiences.</p> <p>PP11 coordinates the benchmarking visit to Netherlands and guides the documentation of learning experiences as well as compiles the reporting with the support of PP1 and PP2. (GoA2.2.4)</p> <p>All PPs and specialized experts that take part in the GoA2.2.4 contribute to the reflection discussions and provide their feedback and input to the benchmarking report and the guidance for coming benchmarking visit. (GoA2.2.5)</p> <p>Based on the feedback and input, PP1 compiles practical guidelines for benchmarking to be applied in GoA3.2.2. (GoA2.2.5)</p> <p>With the lead of PP2 in Central Finland, PP5 in Hedmark, PP8 in Świętokrzyskie Voivodeship, PP11 in Vidzeme and PP12 in Estonia, all PPs in each</p>	<p>Vidzeme and PP12 in Estonia, all PPs in each region jointly engage stakeholders to assessment of the partners' recommendations and reviews on their JAP and to disseminating the assessed reviews. (GoA2.2.3)</p> <p>With the lead of PP2 in Central Finland, PP5 in Hedmark, PP8 in Świętokrzyskie Voivodeship, PP11 in Vidzeme, and PP12 in Estonia, all PPs in each region jointly finalise the Benchmarked Joint Action Plans for developing Bioeconomy Clusters/ Innovation Ecosystems. (O.2.2)</p>			
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		<p>region jointly organize Regional workshop(s) for the regional Bioeconomy Cluster or Innovation Ecosystem actors and other stakeholders (NGOs, politicians, SMEs) for preparing Joint Action Plans (JAPs). PP2, PP5, PP8 and PP11 document the learning experiences of workshops and share them with the partners. (GoA2.2.1)</p> <p>All PPs take part in a transnational meeting in Estonia that is hosted by PP12 and planned by MST. The visit programme involves a workshop and panel discussions on the produced RBPs and JAPs along with the PSC and Partner meetings. (GoA2.2.2)</p> <p>As a joint regional effort led by PP2 in Central Finland, PP5 in Hedmark, PP8 in Świętokrzyskie Voivodeship, PP11 in Vidzeme and PP12 in Estonia, all PPs provide a review of at least two of the other regions' JAPS. (GoA2.2.3)</p>				
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WP3 Developing smart Bio-economy Clusters/ Innovation Ecosystems WP3 Leader: PP6	In collaboration with PP1, PP6 compiles a communication plan for the WP3 to guide involvement of target groups, documentation of learning experiences and dissemination of outputs in line with the open-access principle. All PPs identify their communication channels for a regional communication framework used for implementing the communication plans.	<p>All PPs contribute to the regional dissemination of project outputs to target groups as outlined in the communication plan of WP3.</p> <p>GoA leaders (PP6 and PP1) support and monitor the implementation of the communication plan and ensure the documentation of learning experiences. WP3 leader (PP6) monitors the achievement of the open-access principle in the WP 3 implementation.</p> <p>LP leads the dialogue with and the dissemination to relevant BSR and EU networks and stakeholders with the support of PP6.</p>	<p>All PPs contribute to the regional dissemination of project outputs to target groups as outlined in the communication plan of WP3.</p> <p>GoA leaders (PP6 and PP1) support and monitor the implementation of the communication plan and ensure the documentation of learning experiences. WP3 leader (PP6) monitors the achievement of the open-access principle in the WP 3 implementation.</p> <p>LP leads the dialogue with and the dissemination to relevant BSR and EU networks and stakeholders with the support of PP6.</p>	<p>All PPs contribute to the regional dissemination of project outputs to target groups as outlined in the communication plan of WP3.</p> <p>GoA leaders (PP6 and PP1) support and monitor the implementation of the communication plan and ensure the documentation of learning experiences. WP3 leader (PP6) monitors the achievement of the open-access principle in the WP 3 implementation.</p> <p>LP leads the dialogue with and the dissemination to relevant BSR and EU networks and stakeholders with the support of PP6.</p> <p>With the lead of PP1 and PP3 in Central Finland, PP6 and PP4 in Hedmark, PP7 and PP9 in Świętokrzyskie Voivodeship and PP10 and PP11 in Vidzeme, all BCs/BIEs disseminate the Operational Model for Innovation Management, OMIM, (O.3.1) in line with the open-access principle and the communication plan.</p>	<p>All PPs contribute to the regional dissemination of project outputs to target groups as outlined in the communication plan of WP3.</p> <p>GoA leaders (PP6 and PP1) support and monitor the implementation of the communication plan and ensure the documentation of learning experiences. WP3 leader (PP6) monitors the achievement of the open-access principle in the WP 3 implementation.</p> <p>LP leads the dialogue with and the dissemination to relevant BSR and EU networks and stakeholders with the support of PP6.</p> <p>With the lead of PP1 and PP3 in Central Finland, PP6 and PP4 in Hedmark, PP7 and PP9 in Świętokrzyskie Voivodeship, and PP10 and PP11 in Vidzeme, all BCs/BIEs disseminate the Open Virtual Biobusiness Hub, OVBH, (O.3.2) in line with the open-access principle and the communication plan.</p>	<p>All PPs contribute to the regional dissemination of project outputs to target groups as outlined in the communication plan of WP3.</p> <p>GoA leaders (PP6 and PP1) support and monitor the implementation of the communication plan and ensure the documentation of learning experiences. WP3 leader (PP6) monitors the achievement of the open-access principle in the WP 3 implementation.</p> <p>LP leads the dialogue with and the dissemination to relevant BSR and EU networks and stakeholders with the support of PP6.</p>

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WP 3 – GoA3.1 Developing the Operation Model for Innovation Management in rural Bio-economy Clusters/ Innovation Ecosystems (BC/BIE) GoA leader: PP6	<p>PP6 coordinates a planning process for deciding the method for mapping the innovation system of Bioeconomy Clusters/ Innovation Ecosystems (BC/BIEs). All PPs provide ideas and examples for describing the innovation systems and give input for reaching a joint conclusion. PP6 compiles the method for mapping the innovation system of BC/BIEs. (GoA3.1.1)</p>	<p>In regional collaboration, partners PP1-PP11 provide a description of the Bioeconomy innovation system of their region with the provided method. (GoA3.1.1) Partners leading the process regionally are PP1, PP6, PP7 and PP10.</p> <p>With the lead of PP6, the descriptions of the Bioeconomy innovation system of Central Finland, Hedmark, Świętokrzyskie Voivodeship and Vidzeme are reviewed jointly and a model for transnational bioeconomy innovation ecosystem is designed as a collaborative effort involving all PPs. (GoA3.1.1)</p> <p>PP6 coordinates the collaborative designing of a method for positioning the BC/BIEs in regional innovation system and describing them in quadruple (/quintuple) helix context. Partners PP1-PP11 provide ideas and examples for description method and give input for reaching a conclusion. (GoA3.1.3)</p>	<p>With the lead of PP1 and PP3 in Central Finland, PP6 and PP4 in Hedmark, PP7 and PP9 in Świętokrzyskie Voivodeship, PP10 and PP11 in Vidzeme, and PP12 in Estonia, the practical implementation of JAPs for each partner region is planned and documented. This activity includes meetings with target groups, etc. in all regions for agreeing on needed changes to the region innovation system in order to facilitate the establishment of the transnational innovation ecosystem for bioeconomy. (GoA3.1.2)</p> <p>PP6 compiles the method for positioning the BCs/BIEs in regional innovation system and describing them in quadruple (/quintuple) helix context. As a joint regional effort led by PP1 and PP3 in Central Finland; PP6 and PP4 in Hedmark; PP7 and PP9 in Świętokrzyskie Voivodeship; and PP10 and PP11 in Vidzeme, all BCs/BIEs provide a</p>	<p>With the lead of PP1 and PP3 in Central Finland, PP6 and PP4 in Hedmark, PP7 and PP9 in Świętokrzyskie Voivodeship and PP10 and PP11 in Vidzeme, all BCs/BIEs upgrade their organizational innovation management structures for enabling the implementation of the joint Operation Model for Innovation Management (OMIM) for the Hub of four participating BC/BIEs. (GoA3.1.4)</p> <p>With the lead of PP6, the main output 3.1, Joint Operation Model for Innovation Management (OMIM) for the Hub of BC/BIEs, is finalized as a joint effort involving PP1 & PP3 in Central Finland, PP6 & PP4 in Hedmark, PP7 & PP9 in Świętokrzyskie Voivodeship and PP10 & PP11 in Vidzeme.</p>		

			<p>description on the positioning of their BC/BIEs in regional innovation system and in quadruple (/quintuple) helix context. (GoA3.1.3)</p> <p>The project teams of the PPs provide expert input and feedback to a collaborative and user-oriented design process for a joint Operation Model for Innovation Management (OMIM) for the transnational Hub of BC/BIEs. PP6 leads the planning, coordination and documentation of the collaborative design process. (GoA3.1.4)</p>			
<p>WP 3 – GoA3.2 Trans-national learning process</p> <p>GoA leader: PP1</p>	<p>PP1 starts the screening of existing transnational networks and platforms by assessing the TCI network, ECCP, EEN, Baltic Sea region's biobusiness platforms and platforms created by earlier BSR projects, for relevance to partnership and for gaining ideas on effective cluster strategies for transnational cluster cooperation. PP1 provides a screening checklist for all PPs to assess the transnational networks and platforms they are currently involved in and that are</p>	<p>All PPs screen and assess their existing networks and platforms as well as identify and assess transnational networks that are hosted by organizations in their country (if not included in the assessment of PP1). PP1 coordinates and reports the outcomes of the screening of existing transnational networks and platforms. (GoA3.2.3) The analysis of the results is presented and finalised in</p>	<p>All PPs take part in a transnational workshop that is organized in Hedmark for analysing the results from GoA 3.1.2 and 3.1.3, giving feedback to partner regions and agreeing planning for the joint Operation Model for Innovation Management (OMIM). PP4, PP5 and PP6 co-host the transnational workshop and PP1 and PP6 coordinate the planning with the support of the MST, PP4 and PP5. All PPs and appointed specialized</p>	<p>All PPs take part in a transnational workshop that is organized in Świętokrzyskie Voivodeship for analysing the results from GoA 3.1.4 and 3.2.4, giving feedback to partner regions and agreeing about necessary improvements to be done for the joint Operation Model for Innovation Management (OMIM). With the support of PP9, PP7 and PP8 co-host the transnational workshop and PP1 coordinates the planning with the support of the MST, PP7 and PP8. All PPs and</p>	<p>After the test phase and alterations based on the first stakeholder feedback analysis, PP1 and PP4 launch the Open Virtual Biobusiness Hub (OVBH) for the transnational hub of BC/BIEs. (O.3.2)</p> <p>All PPs involved in the transnational hub of BC/BIEs collect stakeholder feedback of OV BH and OMIM with the questionnaire/survey. PP1 and PP4 carry out the stakeholder feedback analysis and all BCs/BIEs review the</p>	<p>All PPs take part in a transnational workshop that is organized in Vidzeme for analysing the results from WP4, giving feedback to partner regions and agreeing about final improvements to the Main Outputs 4.1 and 4.2. PP10 and PP1 co-host the transnational workshop and PP1 coordinates the planning with the support of the MST incl. PP10 and PP11. All PPs and appointed specialized experts contribute to the</p>

	hosted in their countries. (GoA3.2.3)	the transnational workshop in Estonia (GoA3.2.2).	<p>experts contribute to the documentation of learning experiences (GoA3.2.1).</p> <p>All PPs take part in a benchmarking visit organized in Hedmark and Sweden. Program includes visits to the premises of partners and BC/BIEs as well as reflection discussions, preparing reports & feedback for OMIM. PP4, PP5 and PP6 host the benchmarking visit and PP1 and PP6 coordinate the planning with the support of the MST, PP4 and PP5. All PPs and appointed specialized experts that took part in the visit contribute to the reflection discussions and provide their feedback and input to the benchmarking report and the guidance for coming benchmarking visit. (GoA3.2.2)</p> <p>Agile/Iterative designing of the Open Virtual Biobusiness Hub (OVBH) is launched with joint planning of the requirements, functionality, and design. The collaborative planning is coordinated by PP4 with support of PP1 and input and feedback from PP3,</p>	<p>appointed specialized experts contribute to the documentation of learning experiences (GoA3.2.1).</p> <p>All PPs take part in a benchmarking visit organized in Świętokrzyskie Voivodeship. Program includes visits to the premises of partners and BC/BIEs as well as reflection discussions, preparing reports & feedback for OMIM. With the support of PP9, PP7 and PP8 co-host the benchmarking visit and PP1 coordinates the planning with the support of the MST, PP7 and PP8. All PPs and appointed specialized experts that took part in the visit contribute to the reflection discussions and provide their feedback and input to the benchmarking report and the guidance for coming benchmarking visit. (GoA3.2.2)</p> <p>Specialized experts of the Multiplier group are invited to join the benchmarking with the support of PP1, PP4, PP8 and PP11. PP1, PP4, PP8 and PP11 ensure the contribution of the specialized experts to project outputs as well as the documentation of their input and added value to the</p>	analysis, provide their conclusions and share them with their regional target group of BC/BIE. (GoA3.2.5)	<p>documentation of learning experiences (GoA3.2.1).</p> <p>All PPs take part in a benchmarking visit organized in Vidzeme. Program includes visits to the premises of partners and BC/BIEs as well as reflection discussions for finalising the outputs. PP10 and PP11 host the benchmarking visit and PP1 coordinates the planning with the support of the MST, incl. PP10 and PP11. All PPs and appointed specialized experts that took part in the visit contribute to the reflection discussions and provide their feedback and input to the benchmarking report and the guidance for coming benchmarking visit. (GoA3.2.2)</p> <p>Specialized experts of the Multiplier group are invited to join the benchmarking with the support of PP1, PP4, PP8 and PP11. PP1, PP4, PP8 and PP11 ensure the contribution of the specialized experts to project outputs as well as the documentation of their input and added value to the learning experiences. (GoA3.2.2)</p>
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			<p>PP6, PP7, PP8, PP9, PP10 and PP11. (GoA3.2.4)</p> <p>learning experiences. (GoA3.2.2)</p> <p>With preparation of PP1 and PP4, and feedback from the joining BC/BIEs, the joint agreement on management model for OVBH is established and signed by all BC/BIEs. (GoA3.2.4)</p> <p>PP4 leases a commercially available cloud services, i.e. purchases the platform SaaS. PP1 provides the necessary technical facilitation, configuration and implementation design to facilitate procurement and uptake. (GoA3.2.4)</p> <p>PP1 and PP4 launch the OVBH for test use and all BC/BIEs uptake the virtual environment combined with training and promotion. PP1 leads training by providing a user manual and training to core team from each BC/BIE. (GoA3.2.4)</p> <p>PP1, PP4 and PP6 develop a stakeholder feedback questionnaire/survey on OVBH and OMIM. (GoA3.2.5)</p> <p>All PPs involved in the transnational hub of BC/BIEs collect stakeholder feedback of OVBH and OMIM with the questionnaire/survey. PP1</p>		<p>All PPs involved in the transnational hub of BC/BIEs collect stakeholder feedback of OVBH and OMIM with the questionnaire/survey. PP1 and PP4 carry out the stakeholder feedback analysis and all BCs/BIEs review the analysis, provide their conclusions and share them with their regional target group of BC/BIE. (GoA3.2.5)</p> <p>PP1 designs a collaborative planning process/method for the future collaboration in the context of OMIM and OVBH. All partners take part in this planning process and collect input from their BC/BIEs on the potential future collaboration as well as disseminate the information on the collaboration potential regionally. (GoA3.2.6)</p>
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				and PP4 carry out the stakeholder feedback analysis and all BCs/BIEs review the analysis, provide their conclusions and share them with their regional target group of BC/BIE. (GoA3.2.5)		
Milestones	Period 1: 0-6th months Oct 2017 – March 2018	Period 2: 6-12th months April 2018- Sept 2018	Period 3: 12-18th months Oct 2018 – March 2019	Period 4: 18-24th months April 2019- Sept 2019	Period 5: 24-30th months Oct 2019 – March 2020	Period 6: 30-36th months April 2020- Sept 2020
WP4 Joint Piloting in Trans-national Co-operation WP leader: PP10	In collaboration with PP9 and PP1, PP10 compiles a communication plan for the WP4 to guide involvement of target groups, documentation of learning experiences and dissemination of outputs in line with the open-access principle. All PPs identify their communication channels for regional communication framework used for implementing the communication plans.		<p>All PPs contribute to the regional dissemination of project outputs to target groups as outlined in the communication plan of WP4.</p> <p>GoA leaders (PP9 and PP10) support and monitor implementation of the communication plan and documentation of learning experiences. WP4 leader (PP10) monitors the achievement of the open access principle in the WP 4 implementation.</p> <p>LP leads the dialogue with and dissemination to relevant BSR and EU networks and stakeholders with the support of PP10 and PP9.</p>	<p>All PPs contribute to the regional dissemination of project outputs to target groups as outlined in the communication plan of WP4.</p> <p>GoA leaders (PP9 and PP10) support and monitor implementation of the communication plan and documentation of learning experiences. WP4 leader (PP10) monitors the achievement of the open access principle in the WP 4 implementation.</p> <p>LP leads the dialogue with and dissemination to relevant BSR and EU networks and stakeholders with the support of PP10 and PP9.</p>	<p>All PPs contribute to the regional dissemination of project outputs to target groups as outlined in the communication plan of WP4.</p> <p>GoA leaders (PP9 and PP10) support and monitor implementation of the communication plan and documentation of learning experiences. WP4 leader (PP10) monitors the achievement of the open access principle in the WP 4 implementation.</p> <p>LP leads the dialogue with and dissemination to relevant BSR and EU networks and stakeholders with the support of PP10 and PP9.</p>	<p>All PPs contribute to the regional dissemination of project outputs to target groups as outlined in the communication plan of WP4.</p> <p>GoA leaders (PP9 and PP10) support and monitor the implementation of communication plan and documentation of learning experiences. WP4 leader (PP10) monitors the achievement of the open access principle in the WP 4 implementation.</p> <p>LP leads the dialogue with and dissemination to relevant BSR and EU networks and stakeholders with the support of PP10 and PP9.</p> <p>With the lead of PP1 and PP3 in Central Finland, PP6 and PP4 in Hedmark, PP7 and PP9 in Świętokrzyskie Voivodeship, and PP10 and PP11 in Vidzeme, all BCs/BIEs</p>

						disseminate the Main Output O4.1, Improved Operation Model for Innovation Management in Bioeconomy Clusters/Innovation Ecosystems and improved Open Virtual BSR Biobusiness Hub, and O4.2, Outputs from Local Pilots, in their region in line with the open-access principle and the communication plan.
Milestones	Period 1: 0-6th months Oct 2017 – March 2018	Period 2: 6-12th months April 2018- Sept 2018	Period 3: 12-18th months Oct 2018 – March 2019	Period 4: 18-24th months April 2019- Sept 2019	Period 5: 24-30th months Oct 2019 – March 2020	Period 6: 30-36th months April 2020- Sept 2020
WP 4 – GoA4.1 Piloting the Operation Model for Innovation Management by using the Open Virtual BSR Biobusiness Hub GoA leader: PP9			<p>With the lead of PP9 assisted by the PP10 and MST, partners PP1 & PP3, PP4 & PP6, PP7 & PP9 and PP10 & PP11 develop criteria for the pilots on the joint Operational Model for Innovation Management (OMIM). (GoA4.1.1)</p>	<p>With the lead of PP9 assisted by the PP10 and MST, partners PP1 & PP3, PP4 & PP6, PP7 & PP9 and PP10 & PP11 jointly plan the pilots with transnational feedback and input provided e.g. in the transnational workshop in Świętokrzyskie Voivodeship. In regional collaboration, PPs from each BC/BIEs evaluate at least two pilot plans from other partner regions. (GoA4.1.1)</p> <p>PP1 & PP3, PP4 & PP6, PP7 & PP9 and PP10 & PP11 pilot the Operation Model for Innovation Management (OMIM) along with the Open Virtual BSR Biobusiness Hub (OVBH). The OMIM and the OVBH are tested with</p>	<p>With the lead of PP9 assisted by the PP10 and MST, partners PP1 & PP3, PP4 & PP6, PP7 & PP9 and PP10 & PP11 jointly review and adjust the pilots with transnational feedback. (GoA4.1.1)</p> <p>PP1 & PP3, PP4 & PP6, PP7 & PP9 and PP10 & PP11 pilot the Operation Model for Innovation Management (OMIM) along with the Open Virtual BSR Biobusiness Hub (OVBH). The OMIM and the OVBH are tested with different business ideas to evaluate and improve their usefulness. (GoA4.1.2)</p> <p>PP1 & PP3, PP4 & PP6, PP7 & PP9 and PP10 & PP11 analyse their experiences on the</p>	<p>With the lead of PP9 assisted by the PP10 and MST, partners PP1 & PP3, PP4 & PP6, PP7 & PP9 and PP10 & PP11 jointly review and adjust the pilots with transnational feedback. (GoA4.1.1)</p> <p>PP1 & PP3, PP4 & PP6, PP7 & PP9 and PP10 & PP11 pilot the Operation Model for Innovation Management (OMIM) along with the Open Virtual BSR Biobusiness Hub (OVBH). The OMIM and the OVBH are tested with different business ideas to evaluate and improve their usefulness. (GoA4.1.2)</p> <p>PP1 & PP3, PP4 & PP6, PP7 & PP9 and PP10 & PP11 analyse their experiences on the</p>

				<p>different business ideas to evaluate and improve their usefulness. (GoA4.1.2)</p> <p>With the support of PP10, PP9 provides guidance to analysis and documentation of the pilot results. (GoA4.1.3)</p> <p>PP1 & PP3, PP4 & PP6, PP7 & PP9 and PP10 & PP11 analyse their experiences on the pilots and evaluate the usability of the piloted system for enhancing innovation for smart bioeconomy business development and transnational cross-cluster learning of innovation actors and end-users based on the developed criteria. The mentioned PPs document the results of their analyses that be compiled into a periodical report by PP9. (GoA4.1.3)</p> <p>PP1 & PP3, PP4 & PP6, PP7 & PP9 and PP10 & PP11 provide feedback to development of JAP, OMIM and OVBH (GoA4.1.4) via joint meetings (e.g. online) and regional stakeholder meetings. PP9 compiles the feedback into a periodical report.</p>	<p>pilots and evaluate the usability of the piloted system for enhancing innovation for smart bioeconomy business development and transnational cross-cluster learning of innovation actors and end-users based on the developed criteria. The mentioned PPs document the results that are compiled into a periodical report by PP9. (GoA4.1.3)</p> <p>PP1 & PP3, PP4 & PP6, PP7 & PP9 and PP10 & PP11 provide feedback to development of JAP, OMIM and OVBH (GoA4.1.4) via joint meetings (e.g. online) and regional stakeholder meetings. PP9 compile the feedback into a periodical report.</p>	<p>pilots and evaluate the usability of the piloted system for enhancing innovation for smart bioeconomy business development and transnational cross-cluster learning of innovation actors and end-users based on the developed criteria and with guidance of PP9 and PP10. The mentioned PPs document the results that are compiled into a periodical report by PP9. (GoA4.1.3)</p> <p>PP1 & PP3, PP4 & PP6, PP7 & PP9 and PP10 & PP11 provide feedback to development of JAP, OMIM and OVBH (GoA4.1.4) via joint meetings (e.g. online) and regional stakeholder meetings. PP9 compiles the feedback into a periodical report.</p> <p>With the lead of PP9, the main output, a report detailing the Improved Operation Model for Innovation Management in Bioeconomy Clusters/Innovation Ecosystems and improved Open Virtual BSR Biobusiness Hub, is finalized as a joint effort of all BCs/BIEs (PP1 & PP3, PP4 & PP6, PP7 & PP9 and PP10 & PP11). (O4.1)</p>
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<p>WP 4 – GoA4.2</p> <p>Local pilot cases to ensure applicability of the operation model and OVBH to support S3 of bio-economy in different bioregions</p> <p>GoA leader: PP10</p>			<p>With the lead of PP9 assisted by the PP10 and MST, partners PP1 & PP3, PP4 & PP6, PP7 & PP9 and PP10 & PP11 design a joint implementation plan for the local pilot cases with SMEs. The pilots are identified using the holistic European Innovation Partnership (EIP) approach that helps to transfer the results beyond the local scale. All pilots create added-value by using local resources. (GoA4.2.1)</p>	<p>The project teams of PP1 & PP3, PP4 & PP6, PP7 & PP9 and PP10 & PP11 offer transnational expert assistance to planning and implementation of local pilots in other regions based on identified needs and assigned tasks in the joint plan. (GoA4.2.1)</p> <p>PP1 & PP3, PP4 & PP6, PP7 & PP9 and PP10 & PP11 start a pilot case with local SMEs, in transnational cooperation integrated into the OVBH and OMIM testing. The pilots include the following: (GoA4.2.2)</p> <ul style="list-style-type: none"> • PP1 and PP3 pilot an open digital contracting System of Insight that enables SMEs and microenterprises to innovate digital business opportunities and conduct more efficient resource planning with GIS based value chain modelling e.g. for forestry wood acquisition & logistics, air quality monitoring, and for game and other animal population assessment. 	<p>The project teams of PP1 & PP3, PP4 & PP6, PP7 & PP9 and PP10 & PP11 offer transnational expert assistance to planning and implementation of local pilots in other regions based on identified needs and assigned tasks in the joint plan. (GoA4.2.1)</p> <p>PP1 & PP3, PP4 & PP6, PP7 & PP9 and PP10 & PP11 carry out pilot cases with local SMES, in transnational cooperation integrated into the OVBH and OMIM testing. The pilots include the following: (GoA4.2.2)</p> <ul style="list-style-type: none"> • PP1 and PP3 pilot an open digital contracting System of Insight that enables SMEs and microenterprises to innovate digital business opportunities and conduct more efficient resource planning with GIS based value chain modelling e.g. for forestry wood acquisition & logistics, air quality monitoring, and for game and other animal population assessment. 	<p>The project teams of PP1 & PP3, PP4 & PP6, PP7 & PP9 and PP10 & PP11 offer transnational expert assistance to planning and implementation of local pilots in other regions based on identified needs and assigned tasks in the joint plan. (GoA4.2.1)</p> <p>PP1 & PP3, PP4 & PP6, PP7 & PP9 and PP10 & PP11 carry out pilot cases with local SMES, in transnational cooperation integrated into the OVBH and OMIM testing. The pilots include the following: (GoA4.2.2)</p> <ul style="list-style-type: none"> • PP1 and PP3 pilot an open digital contracting System of Insight that enables SMEs and microenterprises to innovate digital business opportunities and conduct more efficient resource planning with GIS based value chain modelling e.g. for forestry wood acquisition & logistics, air quality monitoring, and for game and other animal population assessment.
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				<ul style="list-style-type: none"> • PP4 and PP6 test and evaluate responsible, sustainable business models that maintain and improve the ecological, social and cultural resources at the same time as business increases its market value. • PP7 and PP9 pilot the use of mobile devices for measuring air quality and integrating them online via Wi-Fi system with database application (e.g. OVBH). PP7 and PP9 assess innovative technologies reducing the emissions and elaborate a new model based on quintuple helix for managing innovative solutions. • PP10 and PP11 apply the latest drone technologies for accurate and effective evaluation of biomass resources, forest and wild animal population count. <p>PP1 & PP3, PP4 & PP6, PP7 & PP9 and PP10 & PP11 collect feedback from pilots for evaluation of (1) their</p>	<ul style="list-style-type: none"> • PP4 and PP6 test and evaluate responsible, sustainable business models that maintain and improve the ecological, social and cultural resources at the same time as business increases its market value. • PP7 and PP9 pilot the use of mobile devices for measuring air quality and integrating them online via Wi-Fi system with database application (e.g. OVBH). PP7 and PP9 assess innovative technologies reducing the emissions and elaborate a new model based on quintuple helix for managing innovative solutions. • PP10 and PP11 apply the latest drone technologies for accurate and effective evaluation of biomass resources, forest and wild animal population count. <p>PP1 & PP3, PP4 & PP6, PP7 & PP9 and PP10 & PP11 collect feedback from pilots for evaluation of (1) their</p>	<ul style="list-style-type: none"> • PP4 and PP6 test and evaluate responsible, sustainable business models that maintain and improve the ecological, social and cultural resources at the same time as business increases its market value. • PP7 and PP9 pilot the use of mobile devices for measuring air quality and integrating them online via Wi-Fi system with database application (e.g. OVBH). PP7 and PP9 assess innovative technologies reducing the emissions and elaborate a new model based on quintuple helix for managing innovative solutions. • PP10 and PP11 apply the latest drone technologies for accurate and effective evaluation of biomass resources, forest and wild animal population count. <p>PP1 & PP3, PP4 & PP6, PP7 & PP9 and PP10 & PP11 collect feedback from pilots for evaluation of (1) their</p>
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				<p>usefulness for developing the OMIM & OVBH and (2) their usability for SME business development & transnational cross-cluster learning. PP10 analyses the feedback in dialogue with the aforementioned PPs. PP10 documents the results of the analysis and compiles a report. (GoA4.2.3)</p> <p>PP1 & PP3, PP4 & PP6, PP7 & PP9 and PP10 & PP11 upgrade and adjust the OVBH and OMIM based on pilot analysis and feedback. (GoA4.2.4)</p>	<p>usefulness for developing the OMIM & OVBH and (2) their usability for SME business development & transnational cross-cluster learning. PP10 analyses the feedback in dialogue with the aforementioned PPs. PP10 documents the results of the analysis and compiles a report. (GoA4.2.3)</p> <p>PP1 & PP3, PP4 & PP6, PP7 & PP9 and PP10 & PP11 upgrade and adjust the OVBH and OMIM based on pilot analysis and feedback. (GoA4.2.4)</p>	<p>usefulness for developing the OMIM & OVBH and (2) their usability for SME business development & transnational cross-cluster learning. PP10 analyses the feedback in dialogue with the aforementioned PPs. PP10 documents the results of the analysis and compiles a report. (GoA4.2.3)</p> <p>PP1 & PP3, PP4 & PP6, PP7 & PP9 and PP10 & PP11 upgrade and adjust the OVBH and OMIM based on pilot analysis and feedback. (GoA4.2.4)</p> <p>PP1 & PP3, PP4 & PP6, PP7 & PP9 and PP10 & PP11 finalise the main outputs from local pilots and used them for scaling up the transnational hub of BC/BIEs and the related OMIM and OVBH. (O4.2) The outputs from local pilots are as follows:</p> <ul style="list-style-type: none"> • FI: Open digital platform for OVBH that enables integrating different pilot cases from all participating BC/BIES. • NO: Models that evaluate the ecological and social sustainability of new bioeconomy products/ services
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						<ul style="list-style-type: none">• NO: Business plans that incorporate ecological, social and economic sustainability and that can incorporate a network of value chains and businesses• LV: Concept of a new bioeconomy service and a step-by-step instruction of how it was created as an output from environmental resource assessments using the latest drone technology• PL: Concepts of (i) applying mobile devices (drones) for measuring near ground emissions from rural residential houses' heating by fossil fuels; (ii) changing attitude/behaviour among local rural communities towards air pollution and introducing solutions on the market.• PL: Model based on quintuple helix approach for managing innovative solutions to mitigate air pollution.
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