Platform for Innovation of Procurement and Procurement of Innovation

Deliverable 1.6 Project Summary Report (3)

PiPPi

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Content

1. Project Summary report 1.6 – background and conclusions 3
2. Major activities, accomplishments & decisions made – WP and WP leader 4
WP1 Project Management – SLL (Delegated to Karolinska University Hospital, K) 4
Identification and report on concerns 4
WP2 Stakeholder identification, engagement and enrolment - ICS-HUVH 5
Identification and report on concerns 5
WP3 Development and establishment of the CoP - SLL 5
Identification and report on concerns 6
WP4 PIPPI platform development and validation – OSR 6
Identification and report on concerns 6
WP5 Preparation for execution of a cross- border PCP – SLL 7
Identification and report on concerns 7
WP6 Development of the business model, business plan and operating model - ICS-HUVH 7
Identification and report on concerns 7
WP7 Dissemination and Communication – MUW 8
Identification and report on concerns 8
3. Detailed time plan for the period covered by the report 9

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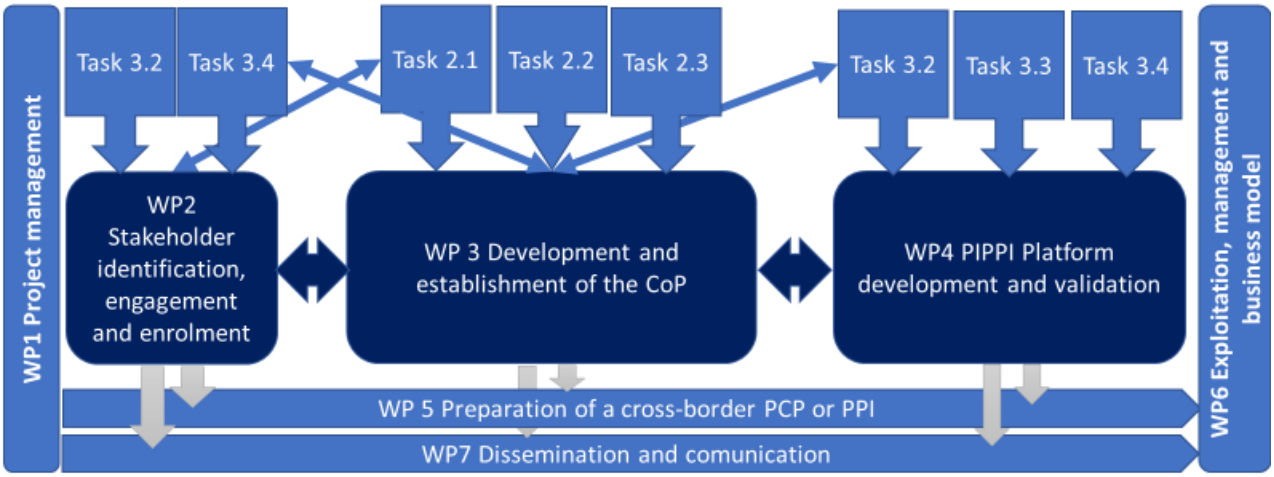
1. Project Summary report 1.6 – background and conclusions

The first 3 progress reports D 1.3-D1.5 showed the impact of the COVID-19 situation on the project, its activities and the beneficiaries, as well as the progress of the project, its activities and identified the changes needed to manage the situation. Especially the necessary reduction in physical meetings with stakeholders and instead a shift towards virtual interactions.

Since the submission of D1.5 in May 2020 (and its resubmission in December 2020) the overall focus has been on risk management and continuing efforts of the shift towards virtual interactions with various stakeholder groups, while the project is moving into an accelerating phase of stakeholder interactions and onboarding of CoP members.

The concerns identified indicate the complexity of the task of managing the ongoing pandemic whilst also running a project with this complexity and magnitude. The outcome has been a proposed amendment of the project (please see documentation provided to the PO and review board on Jan 15th and revised documents with full documentation on April 9th 2021), which is expected to allow the project to achieve its original objectives and goals.

2. Major activities, accomplishments & decisions made – WP and WP leader



Pert chart illustrating the relations between the WPs and tasks

WP1 Project Management – SLL (Delegated to Karolinska University Hospital, K)
During the period in question SLL, within the context of WP1, has mainly focused on managing the effects of the ongoing pandemic and the adaptation of interaction and work methods. As well as coordinating the efforts needed for the added review and required revision of deliverables. In addition to the rework of the entire project plan and budget, finalized by preparation of amendment documents and related process, enabled by the communication with the EC regarding needed adjustments. In early April an updated amendment request was submitted.

For the first quarter of 2021, weekly meetings have been held with each WP (leader) to better manage the project progress and status, together with the bi-weekly meetings held with the whole project team focusing on various topics and monitoring of gaps, risks and expectation to reach sought objectives and impact.

Furthermore, two internal half-day focused virtual work meetings took place during the first quarter of 2021 which were organised through WP1 but with various topics identified commonly in the team, some examples were: value proposition validations, platform maintenance post PiPPi project, implementation plan for CoP, enhancing SH engagement. These sessions counted with the participation of all consortium members and were a fruitful activity, to set up ideas, validate findings and conclusions, engage participants and align building blocks and functionalities for the PiPPi's CoP.

Identification and report on concerns
The pandemic is still continuously affecting the partners as well as society and the stakeholder community as whole, in various ways and additional work has been identified as needed to ensure sought SH engagement and impact in all interaction activities cross the board. There is no expectation that this will be less demanding in the short term.

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WP2 Stakeholder identification, engagement and enrolment - ICS-HUVH
From January to April 2021, WP2 activities have been focused into three different areas: 1) Open call and recruitment of the Patient/Citizen Advisory Group (PCAG) 2) Stakeholder list preparation, analysis and update and 3) Adaptation and preparation of the processes to virtual interactions. Regarding the PCAG; the ICS-HUVH prepared all documents, opened the call and disseminated through PIPPI and partner channels to really achieve the diversity in the group. Finally, we have had 22 applications to the call from 10 different European countries and we are in the process of selecting the final members of the PCAG at the end of this month (April). Focusing on the stakeholder list, we have been working to track and include on that list attendees to new webinars and workshops organized by WP5 and WP7. We have also analysed new registration to the CoP/newsletter list to prepare and work on the dissemination and interaction strategy for next month. To really achieve our aim, we have been working with the strategy that collect different WP needs. This work has been done in alignment with WP3,6 and 7 through weekly meetings.

Furthermore, different regional and national associations have been contacted (OSR has managed this process) in order to collect candidates for the PCAB.

In addition, input from project partners such as HUS, has been received with stakeholders having been activated; with the HUS company forum and internal staff from HUS development unit, clinics & procurement department being engaged.

Identification and report on concerns
Our main concern for the PCAG are the engagement of all members during time. In case of drop out we will keep all interested applicants in the CoP, and we will involve them in all activities. To be able to easily recruit new members in case of drop out or if we plan to include more members.

WP3 Development and establishment of the CoP - SLL
WP3 activities in 2021 has focused on the collaboration of different partners and internal stakeholders in collecting the input and best practices from the stakeholder interactions, and merging them, in order to jointly develop a suitable methodology(ies) to be used in the CoP.

During the period covered by the report, the participants in WP3 have developed a charter of the CoP (based on the lessons learned from D3.1), debated, introduced it and validated it. A structure for multi-work package meetings is now in place to start coordinating how CoP meetings affect various SH groups and new members (for more detail please see the illustration in Appendix 1). The partners have also accelerated their progresses of Task 3.3 – Establish the processes, formats and continuous development for the cross-border CoP, allowing them to progress as well with Task 3.2 “Identify and define a common framework for an effective sustainable cross-border CoP”. This will help to validate their findings and release D3.2 Report on final conclusions to be used in WP5.

Working tools for processing unmet needs through the CoP have also been developed.

The results mentioned above are based on the outcomes from several face2face workshops that took place during the 1st period of the project, and from two virtual workshops that were held in February.

These two last workshops were focused on the concept of a CoP charter, and on identifying

which actions would be useful to achieve SH engagement with groups such as procurers, payers, policy makers and enablers. In addition, several recurring meetings with WP2, WP5 and WP6 have been scheduled on a weekly and bi-weekly basis in order to further detail, harmonize and validate on best practices and how to utilize the results from the many different SH interactions that are ongoing across the project. This focus is linked to the concept of Service Design Thinking which has been introduced to ensure suitable levels of interaction with different SH groups.

Work has also focused on analyzing key findings and conclusions, and summarize them for use in the pilot tests of the CoP functionality that will be conducted in WP5 (i.e D3.2) and plan for adequate interaction with CoP members external from PiPPi consortium to validate the progresses that will make part of D3.3.Furthermore, regular meetings have been set up by WP4 Leader to align the CoP framework functionalities with the Technical Platforms ones.

Identification and report on concerns
There is an ongoing challenge with ensuring that the SH engagement is still sufficient during virtual interactions. A format that is adding pressure and demanding additional preparation and follow up activities.

WP4 PIPPI platform development and validation – OSR
In the context of WP4, from January to April 2021, OSR activities were directed into two different areas: (i) on one side the finalisation of the evaluation process for the Subcontracting candidates, and the consequent steps to be undertaken to formalise the corresponding contract, (ii) on the other the refinement of the contextualisation of the PiPPi technical platform. In this regard, a series of workshops were organised and held in order to refine PiPPi Personas, Scenarios and Journey map. Together with WP2/3/5 and 6 representatives, in fact, these activities made it possible to have a better understanding of the PiPPi technical platform potentialities as well as to draw more realistic scenarios for its applications. In parallel, the Platform user-requirements were merged with the Business model's ones and newly prioritized, in order to gain a common view to be discussed with the future Subcontracting provider and to be inserted into the Technical Annex to the agreement.

A dedicated Core Working Group, with representatives from VdH, KS, KCH, AQuAS, have been formed to support the technical platform development and related processes on a continued base in addition to the regular work meetings with WP2, 3 and 6, with the purpose to align daily efforts and optimize testing and validation efforts. Finally, KCH has been working with WP4 on the review of the selected delivery company (Wide Ideas) and the design and governance of an IT project.

Identification and report on concerns
Efforts were spent in order to reply, in the most complete way as possible, to the Review Board's in-depth questions on the technical development of the PiPPi Platform and the corresponding Subcontracting Process. What will happen to the PiPPi Technical Platform after the project lifetime is the most outstanding concern for the EU commission. In order to satisfy all the corresponding recommendations, a dedicated Core Working Group has been created within the Consortium, in order to guarantee that all the appropriate steps will be taken into account to ensure the existence and further development of the Platform after May 2022.

WP5 Preparation for execution of a cross- border PCP – SLL
Since last status report in December 2020, WP5 has submitted the updated D5.1 report describing the initial list of about twenty digital challenges and the analysis and process for selecting three prioritized challenges. The activities during 2021 have focused on defining and aligning in more detail, one of the three challenges, between the HC partners of PiPPi; the prioritized challenge selected based on synergies with already initiated activities in the field and thus a strong clinical champion at Karolinska University hospital. Two cross-border Work Shops (WSs) between the PiPPi HC partners have been carried out with the aim to further detail and align the scope of the challenge, as well as a dedicated open PiPPi webinar for the broad communication and panel-discussion of the challenge with key stakeholders (HC, industry, patients). A dedicated interactive WS for in depth discussion of the challenge with both internal and external stakeholders is planned and will be held at the end of April, also with the aim to gain further insights as input to the detailing and alignment of the challenge.

Furthermore, WP5 has focused on activities related to D5.2 and D5.3, developing survey questions and inventory of stakeholders to assess industry and payor interest (D5.2) to be carried out during April. Also, an inventory of experiences and lessons learned is carried out related to PCP and PPI projects from the PiPPi partners which will be used when developing a project plan for PCP/PPI (D5.3).

Identification and report on concerns
D5.2 is meant to report on the industry and payers' interest in our digital challenge and is due end of April. One of the planned activities in relation to this deliverable was a webinar held in the beginning of April intended to get input from these stakeholders by organizing a market engagement meeting directly after the webinar. Unfortunately, the meeting could not be conducted with desired outcomes, due to limited participation, identified to be caused by holiday effects on communication impact and SH availability constraints. This means that we didn't receive a representative input and our mitigation plan is to enhance efforts in conjunction to our 3rd WS at the end of April and a direct approach to the mentioned stakeholders. The consequence will be that D5.2 will not be finalized at its due date. The submitted, deliverable D5.3 will be revised to cooperate the intended SH input and findings from this input aspect estimated at end of June.

WP6 Development of the business model, business plan and operating model - ICS-HUVH
From January to April 2021, WP6 activities have been focused on 1) Finalizing the proposal of the Business and Operating model. 2) Integration of the output of the BM and OM to other WPs. 3) Preparation for the development of the local adaptation of the BM and the final OM. Two surveys have been answered by all partners and analyzed to continue working on the BM and OM until presenting the proposal. This work has been complemented through the integration of the output in different WP. Particularly important for WP3 and WP4, through continues meetings and the creation of a document that includes the value of PIPPI and the technical features of the platform. On the other hand, we have started the work on local adaptations of the BM, as we are planning to do in deep interviews with all partners next month.

Identification and report on concerns
Our main concern it is related to the validation of the services of the platform that we have considered candidates for pay. We have validated with external stakeholders key services but

not their willingness to pay. Therefore, we will confirm during the next month with external stakeholders their payment preferences for specific services to define PiPPi CoP business plan.

WP7 Dissemination and Communication – MUW
From January to April 2021, WP7 activities have been focused primarily on launching a new monthly webinar series, increasing the project's social media presence, and planning further actions through the end of the project. Four webinars have been conducted on topics relevant to the project, as well as presenting project updates and information. At each webinar the team has welcomed internal and external guest speakers and the audiences have actively engaged with the panel discussions. Webinars have been recorded and hosted on the PiPPi YouTube channel. Furthermore, social media promotion of the webinars and other topics has significantly increased. The impact of this is reflected in the increased number of followers and engagement statistics, which will be presented in the upcoming deliverable 7.4 Dissemination and Communication Progress Report 4, due 31st May.

WP7 continues to work closely with WP2 on stakeholder outreach and tracking. Collaboration with WP5 has also increased during this period, with close work together on several webinars. Follow-up workshops are also planned with WP5 as an extension of the webinar presentations.

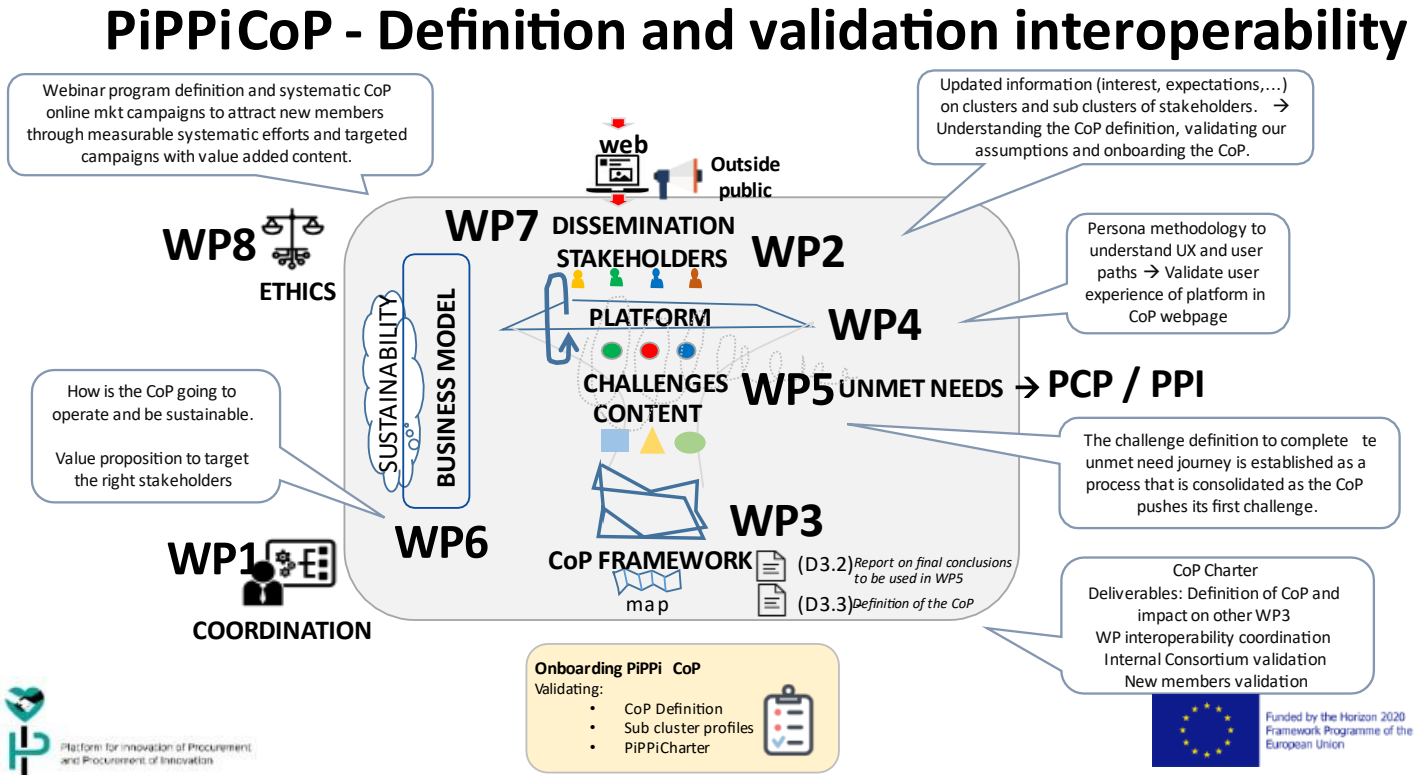
During the reporting period, project beneficiaries have been actively involved in the content planning & production of PIPPI webinars and actively disseminated and promoted the PIPPI webinars in their local network.

Identification and report on concerns
No issue has been raised during the reporting period.

3. Detailed time plan for the period covered by the report

WP	Tasks	Start Date	End Date	Duration	Status	dec-20	jan-21	feb-21	mar-21	apr-21
1	**Project management**									
1.1	Administrative and financial coordination of the consortium	1/12 2018	31/05 2022	42	Pending					
1.2	Daily management and control	1/12 2018	31/05 2022	42	Pending					
1.3	Data Management & ethics	1/12 2018	31/05 2022	42	Pending					
2	**Stakeholder identification, engagement and enrolment**									
2.1	Define and map the stakeholders & detail their relevant scope and role	1/12 2018	31/05/2022	42	Pending					
2.2	Engagement & monitoring of knowledge builders	1/12 2018	31/05/2022	42	Pending					
2.3	Define an appropriate involvement of patients/citizens	1/2 2019	31/05 2022	32	Pending					
3	**Development and establishment of the CoP**									
3.1	Collecting and analysing lessons learned from existing toolbox /knowledge developers	1/12 2018	30/11/2020	24	Completed					
3.2	Identify and define a common framework for an effective sustainable cross-border CoP	1/8 2019	16/04 2021	29	Pending					
3.3	Establish the processes, formats and continuous development for the cross-border CoP	1/2 2021	31/05 2022	34	Pending					
3.4	Development and evaluation of new business models	1/2 2021	31/5 2022	16	Pending					
3.5	Conclusion of preparation for execution of WP5	1/6 2020	31/5 2022	24	Pending					
4	**PIPPI platform development and validation**									
4.1	Inventory of models/technologies for EU procurers	1/12 2018	31/5 2019	6	Ongoing					
4.2	PIPPI Platform system requirements elicitation	1/12 2018	30/09 2021	34	Pending					
4.3	Technical development of the PIPPI platform	1/1 2020	30/11 2021	23	Pending					
4.4	Platform testing & validation through a cross-border PCP	1/12 2020	31/05 2022	30	Pending					
5	**Preparation for execution of a cross-border PCP**									
5.1	Identify clinical and patient needs and demand	1/12 2018	31/05 2022	42	completed					
5.2	Define interest and opportunities with supply side/ HC payers	1/11 2019	30/4 2021	40	Pending					
5.3	Feasibility study and preparation of a cross-border PCP or PPI	1/9 2020	31/5 2022	16	Pending					
6	**Development of the business model, business plan and operating model**									
6.1	Development and adaptation of Business Model (BM)	1/6 2019	31/05/2022	36	Pending					
6.2	Development of operating model for PIPPI	1/11 2019	31/05/2022	31	Pending					
6.3	Development of a business plan	1/9 2021	31/05/2022	9	Pending					
7	**Dissemination and Communication**									
7.1	Develop a dissemination and communication plan including a knowledge portal/project website	1/12 2018	31/05 2022	42	Pending					
7.2	Dissemination and communication with stakeholders	1/6 2019	31/05 2022	36	Pending					
7.3	Communication and promotion of the PIPPI project and its results	1/12 2018	31/05 2022	42	Pending					
7.4	Scaling down	1/11 2020	31/05 2022	19	Pending					
8	**Ethics**									
NA	Ethics	1/12 2018	31/05 2022	42	Pending					

Appendix 1.


PiPPiCoP - Definition and validation interoperability
Webinar program definition and systematic CoP online mkt campaigns to attract new members through measurable systematic efforts and targeted campaigns with value added content.
Updated information (interest, expectations,...) on clusters and sub clusters of stakeholders. → Understanding the CoP definition, validating our assumptions and onboarding the CoP.
web
Outside public
WP8
ETHICS
WP7 DISSEMINATION STAKEHOLDERS
WP2
Persona methodology to understand UX and user paths → Validate user experience of platform in CoP webpage
PLATFORM
WP4
How is the CoP going to operate and be sustainable.
Value proposition to target the right stakeholders
SUSTAINABILITY
BUSINESS MODEL
CHALLENGES CONTENT
WP5 UNMET NEEDS → PCP / PPI
The challenge definition to complete te unmet need journey is established as a process that is consolidated as the CoP pushes its first challenge.
WP1
COORDINATION
WP6
WP3
CoP FRAMEWORK
map
(D3.2) Report on final conclusions to be used in WP5
(D3.3) Definition of the CoP
CoP Charter
Deliverables: Definition of CoP and impact on other WP3
WP interoperability coordination
Internal Consortium validation
New members validation
Onboarding PiPPi CoP
Validating:
CoP Definition
Sub cluster profiles
PiPPiCharter
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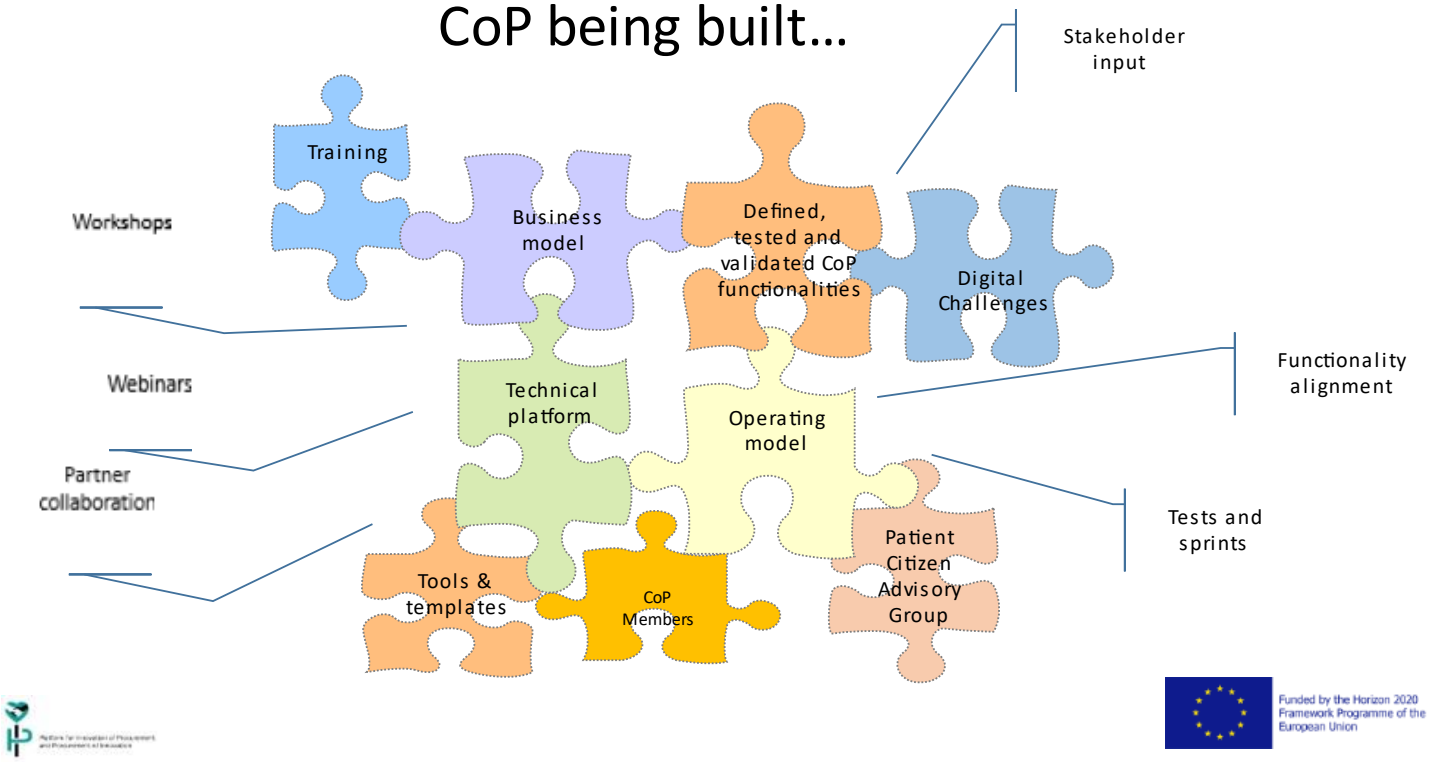
CoP being built...
Stakeholder input
Training
Workshops
Business model
Defined, tested and validated CoP functionalities
Digital Challenges
Webinars
Technical platform
Operating model
Functionality alignment
Partner collaboration
Tests and sprints
Tools & templates
CoP Members
Patient Citizen Advisory Group
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Appendix 2. Submitted deliverables during the period December-April 2021

WP1	D1.2	Project handbook/management structure	30 Dec 2020	Approved
WP1	D1.5	Project summary report 3	30 Dec 2020	Approved
WP1	D1.9	Data Management plan	15 Jan 2021	Approved
WP2	D2.4	Report on the procedures and criteria that will be used to identify/recruit patient stakeholders	30 Dec 2020	Approved
WP3	D3.1	Reports on the consultations	01 Dec 2020	Approved
WP5	D5.1	An identified digital challenge	04 Jan 2021	Approved
WP5	D5.4	A core set of outcome indicators	01 Dec 2020	Approved
WP6	D6.3	Operating model proposal	30 Jan 2021	Approved
WP6	D6.6	Report 1 from workshops	05 Jan 2021	Approved
WP7	D7.1	Dissemination progress report 1	16 Dec 2020	Approved
WP7	D7.2	Dissemination progress report 2	16 Dec 2020	Approved
WP7	D7.3	Dissemination progress report 3	16 Dec 2020	Approved
WP7	D7.5	Final diss./ comm. plan	16 Dec 2020	Approved
WP7	D7.11	Press release 3	16 Dec 2020	Approved