



POLITECNICO
DI TORINO



“Building the Next Generation Personal Data Platforms”
G.A. n. 871370

<p>DELIVERABLE D8.2 INTERIM REPORT OF FIRST YEAR (M1-M6)</p>
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WP8 – Project Coordination and Management

Task 8.1 & 8.2

Revision: 01

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Author: POLITO and all Partners

Dissemination Level

Project co-funded by the EC within the H2020 Programme		
PU	Public	<input checked="" type="checkbox"/>
PP	Restricted to other programme participants (including the Commission Services)	
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CO	Confidential, only for members of the consortium (including the Commission Services)	

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Approvals

	Name	Entity	Date	Visa
Author	POLito and all Partners	All Partners	29/05/2020	
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Coordinator	Marco Mellia	POLITO	01/06/2020	<input checked="" type="checkbox"/>

Document history

Revision	Date	Modification
Version 1	01/06/2020	V1

List of abbreviations and acronyms

Abbreviation	Meaning
G.A.	Grant Agreement
CA	Consortium Agreement
GA	General Assembly
PB	Project Board
PC	Project Coordinator
PrO	Project Office
IR	Interim Reports

Disclaimer

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1. PROJECT TECHNICAL DESCRIPTION PER WP

WP1 – Platform specification and demonstration

• Technical activities description:

Within the first 6 months of the project, WP1 activities have been devoted to the collection and definition of the requirements for the *PDK* and *EasyPIMS*. As a starting point, the different partners have defined the stakeholders with interests in the using both the *PDK* and the *EasyPIMS*. Those range from Internet users to the governments with their respective legislations.

Then, representatives of the stakeholders have provided the fundamental requirements the components of the project should meet in order to provide a successful solution. To do so, an in depth analysis of the legislation has been performed, different focus groups with real users were asked for their preferences and different industrial stakeholders represented in the consortium such as the PIMS or the telco providers have agreed on their common needs.

Finally, those requirements have been mapped to technical requirements, setting the minimum functionality that should be implemented during PIMCity in order to ensure the success of the project. All partners have participated and contributed to this effort – which has been summarized into D1.1.

At the same time KUL has contributed to the definition of the project legal requirements; in particular, KUL has identified the key relevant legal frameworks (drafted Chapter 3, D1.1, T1.1 - detailed in D7.1 and 7.2) and helped partners to familiarize with the key legal issues and potentially relevant legal concepts and requirements stemming from the EU privacy, data protection and intellectual property law.

• Deliverables/Milestones status: Please specify deliverables/milestones due in the report period or in following period

Milestone MS2 due date: 31st May 2020

- ✓ *MS2 Requirements*, lead beneficiary NEC, 31/05/2020. The initial platform requirement are defined and shared among partners.

Deliverable/Milestone due:

✓ *D1.1* due date: 31st May 2020, submitted with this report.

- **Problems and remedial actions:**

The replacement of IAB Europe with IAB Spain has not allowed to collect the requirements of the advertising sectors. Those will be included in the revised version of the deliverables – D1.2.

- **Dissemination activities (if any)**

In order to obtain the requirements from the users, the content of the project has been explained to a group of real final users by AUI to stimulate the discussion and the requirement definition of the end user.

WP2 – Tools to improve data subjects privacy

- **Technical activities description:**

In the initial phase of WP2, the partners focused on the design of the building blocks of the PDK elements included in the WP2. In this first phase, we decided the overall architecture as well as the interactions between modules. In particular, the central module will be the *Personal Data Safe* (P-DS), which communicates with the *Personal Consent Manager* (P-CM) using web-based APIs relying on the REST paradigm. The P-DS itself will be a Django application using a MongoDB backend server. The *Personal Privacy-Preserving Analytics* (P-PPA) will access the data in the P-DS MongoDB database, and offer them to the data buyers in an anonymized form. Finally, the *Personal Privacy Metrics* (P-PM) will have a web-based interface so that every user will be able to access the easy to understand Privacy Tags, which will be computed by algorithms fed with active network measurements. More details are available in D1.1.

Currently, the Consortium is working on refining the technical requirements for each module in details as well as making the design uniform with the other PDK components.

- **Deliverables/Milestones status:**

Milestone MS3 due date: 31st of August 2020

Deliverable/Milestone due date:

✓ We are working on the upcoming deliverable *D2.1*, due at month 9 (August 2020), which is part of MS3. We are currently defining the structure of the deliverable, which we plan to be common to the deliverables D3.1 and D4.1 that both cover technical aspects of the PDK.

- **Problems and remedial actions: N.A.**

- **Dissemination activities: N.A.**

WP3 – Understanding the new data economy

- **Technical activities description:**

The Consortium has worked on this WP during the first period. WP3 has advanced in the definition of a new user-centric marketplace that serves as basis for the definition of a new data economy. In this context, partners have started designing a thorough commercial data market place benchmark and conducted research on novel data marketplace models, identifying the key functionalities and challenges of a user-

centric data economy and marketplace. Finally, the requirements associated to the user-centric marketplace have been defined.

On the other hand, WP3 is devoted to implement three components of the PDK: Data Valuation Tools from Market Perspective (DVTMP), Data Valuation Tools from End User Perspective (DVTUP) and Trading Engine (TE). The technical and functional requirements of each of these components have been defined. Moreover, the technical design of these components is an ongoing task as well as the definition of the interfaces among them and with components from other technical WPs (WP2 and WP4).

- **Deliverables/Milestones status:**

Deliverable/Milestone due date:

✓ *D3.1* and *D3.2* due on 31st of August 2020

Deliverable/Milestone completed: N.A.

- **Problems and remedial actions: N.A.**

- **Dissemination activities: N.A.**

WP4 – Tools for improved data management

- **Technical activities description:**

The partners involved in WP4 have been engaged from the beginning of the project in order to start designing their potential tools as described in the project's DoW, but also in collaboration with each other. These months have been crucial in better understanding the basic components of the work package, how each tool will operate, a viable architecture for each one, as well as how each tool can co-operate with each other, inside WP4 and with tools from WP2 and WP3.

Partners in WP4 have been busy by first studying the state-of-art in their relevant tasks and expected tools (Data Aggregation methods, Data Portability Control, Data Provenance and Watermarking, Knowledge Extraction methods, Data Taxonomies, User Dashboards, etc.), defining functional and non-functional requirements for each tool, etc., as was requested in D1.1. Also, some adjustments were made after further discussions and collaboration between the partners. A final design was also presented in D1.1 for the WP4 that illustrates how the various tools will be working with each other and with other tools, outside WP4.

There was also some progress made in preparation of the upcoming first deliverable of this WP4, i.e., D4.1. In particular, WP4 partners are working on refining the technical requirements for each tool and the architecture of each one in more detail, as well as making the unifying architectural design of WP4 as uniform as possible and in-line with the other PDK components to be built in the other WPs such as WP2 and WP3.

- **Deliverables/Milestones status:**

Deliverable/Milestone due date:

✓ We are working on the upcoming deliverable *D4.1*, due to M9 (August 2020), which is part of MS3. We are currently defining the structure of the deliverable, which we plan to make it common with the deliverables D2.1 and D3.1, that both cover technical aspects of the PDK.

Deliverable/Milestone completed: N.A.

- **Problems and remedial actions: N.A**

- **Dissemination activities: N.A**

WP5 – Platform design and integration

- **Technical activities description:**

No activity done as the WP will start in M10.

- **Deliverables/Milestones status:**

Deliverable/Milestone due date: N.A.

Deliverable/Milestone completed: N.A.

- **Problems and remedial actions: N.A**

- **Dissemination activities: N.A**

WP6 – Exploitation and dissemination

- **Technical activities description:**

The work of this first phase of the project in the field of Communication and Dissemination has been resulted in:

- Preparation of a style guide for the project (as standards to be followed), according to D6.1.
- Implementation of two websites, one, www.pimcity.eu, oriented to the final users (citizens, companies and evangelists) and the other <https://www.pimcity-h2020.eu/> to support the project and the scientific community.
- Activation of social networks to disseminate the project (@PimcityProject on Twitter) and contact with other organizations.
- Elaboration of a communication and dissemination plan (D.6.2).

AUI has defined with the POLITO the mechanisms to share information (news, events, papers ...) between the two websites to avoid duplication and it has developed simple forms in order to allow partners update information on both websites.

KUL has advised on legal requirements for processing personal data collected on websites; in particular, KUL has provided to project partners with relevant questionnaires, legal requirements and guidelines for privacy policies (according to D6.1; D7.1; D7.2).

- **Deliverables/Milestones status:**

Deliverable/Milestone due date:

- ✓ *MS10 Project Overview Presentation*, Lead beneficiary AUI. The project is successfully launched and presented to the public, due date 29th Feb 2020
- ✓ *D6.1: Project public launch*. Release of the visual identity set, website and project video due on 29th Feb 2020
- ✓ *D6.2: Partners are working on the “Outreach and engagement strategy”*. Comprehensive plan including dissemination, communication, and community building strategies due on 31st May 2020

Deliverable/Milestone completed:

- ✓ Websites ready to public launch: www.pimcity.eu and www.pimcity-H2020.eu
- ✓ *D6.1 Project public launch*. Release of the visual identity submitted on 2nd Apr 2020
- ✓ *D6.2 Outreach and engagement strategy*. Under preparation (see paragraph below)

- **Problems and remedial actions:**

- ✓ P1 Project Video.

Due to COVID-19 outbreak and consequent lockdown from March 2020 has led to a stop the development of the video presentation about the project as it included the recording of interviews with people.

This problem is being solved by changing to an animation video that will be finished by the end of June and postponing the face-to-face interviews for a second video at the end of the first year of the project.

- ✓ P2. Delayed delivery D6.2

The COVID-19 outbreak delayed the elaboration of deliverable D6.2. We are devoting all available resources to support AUI in order to recover the work and try to keep this delay not longer than two weeks.

- **Dissemination activities:**

- ✓ 3 posts in www.pimcity.eu/blog
- ✓ 3 press releases were sent: one in Italy (POLITO) and two in Spain (AUI, IMDEA). As a result, at least 18 news items have been published in relevant media in Italy, Spain, France and Argentina, among others)
- ✓ Published 22 posts in <https://twitter.com/PimcityProject>
- ✓ Participation to the webinar about "Big Data PPP Personal Data Platforms: Empowering Citizens Leveraging their Data Power"

WP7 – Data management, legal and ethical requirements

- **Technical activities description:**

During the period (6 months), KUL has:

- Provided *guidelines* and *advised all the project partners on legal issues on a daily basis* (primarily via email and during teleconferences (via Microsoft PowerPoint presentations);
- Provided the guidelines stemming from the key and potentially relevant legal requirements; in particular, KUL has familiarized partners with the key and potentially relevant legal requirements stemming from the EU privacy, data protection and intellectual property law (provided in the form of deliverable D7.2; completed on 31 May 2020);
- Initiated and coordinated the development of the Data Management Plan (DMP) and the Data Protection Impact Assessment (DPIA; the initial versions of these documents provided in the form of deliverable D7.1; to be completed by 31st May 2020);
- Provided the project partners with the guidelines for privacy policies, consent forms and personal data processing agreements (provided in the form of annexes to D7.1; completed on 31 May 2020).

Please note that Deliverables D7.1 and D7.2 (including guidelines and other documents provided as annexes) will be submitted within the first 6 months of the project and shall be continuously updated.

Project partners have continuously contributed to the development of both deliverables D7.1 and D7.2 by providing relevant details about the project and tools being (planned to be) developed.

- **Deliverables/Milestones status:**

- ✓ D7.1 Data Management Plan, Data Protection Impact Assessment (and other related documents): due on 31st May 2020 and to be submitted.

✓ D7.2 Legal requirements: due on 31st May 2020 and to be submitted.

- **Problems and remedial actions**

Currently no problems are foreseen. Ongoing discussion among KUL and the other PIMCity partners contributes to progress with the different work packages.

COVID-19 has not caused any negative impact for the deliverables/progress with work packages so far.

Taking into account the internal discussions on the project development, the project partners have to clarify their intentions and particular details related to the tools that are (planned to be) developed and details related to the data processing activities.

- **Dissemination activities (if any): N.A.**

WP8 – Project Coordination and Management

- **Technical activities description:**

The Project Office and the Coordinator:

- Took care about the *Grant Agreement negotiation and submission* and about the *Consortium Agreement negotiation and signature* by all Partners, starting from early stage of project negotiation; it is responsible for the day-to-day project management and deliverables/documents submission to the Funding Agency
- Organized the *Project Kick-off Meeting in Turin on December 2nd-4th 2019* (agenda preparation, info to partners, list of attendees, catering service organization, etc.). The minutes were provided to participants by the end of December 2019 and the pre-financing (first tranche) was distributed at beginning of February 2020;
- *General Plenary Meeting* held remotely on March 23rd-25th 2020 (agenda preparation, list of attendees, presentation, minutes, etc.)
- Organized *regular conference calls on bi-weekly basis* (invitation, presentation, minutes, etc.)
- Defined procedures for project management and communication among Partners have been set-up. A "*Project Handbook and Quality plan*" has been prepared; such document summarizes all the relevant info about project handling, including a detailed description of procedures for the preparation of reports, deliverables and procedures guidelines, Budget and financial reporting. Templates for deliverables, presentations and half-year reporting have been prepared by the Coordinator and Project Office and provided to Partners (available on Ms Teams platform). Guidelines about EC obligations under GA have been presented (in particular use of EU emblem and acknowledgement to the project, general obligations under GA, cost reporting)
- Presented a *first amendment* request (to add CLIQZ to the consortium) was submitted and approved on April 20th 2020; a *second amendment* request is under preparation (please see following paragraph – Problems and remedial actions)
- Shared FAQs from EC portal to handle issues related to Force majeure evidence linked to COVID-19 outbreak (eligibility of cost declared, implementation of the action and compliance with all the other obligations under the grant in accordance with Article 18 of the H2020 General Model Grant Agreement)

- Examined the BIG DATA VALUE PPP COOPERATION CHARTER as provided by EC and participated to Big Data PPP Personal Data Platforms "*Empowering Citizens leveraging their Data Power BDVA*" workshop, held remotely on May 8th 2020 and presented the project PIMCity during such event. According to BIG DATA VALUE PPP COOPERATION CHARTER, some events are associated with the BIG DATA VALUE PPP (such as the European Big Data Value Forum and the BIG DATA VALUE PPP meet-ups). The aim of the charter is to promote knowledge exchange and collaboration on the technical aspects and implementation of the BIG DATA VALUE PPP program, with the aim of discussing common technical concerns, such as data integration, data quality, or data homogenization. Moreover it will allow seeking coordination opportunities regarding dissemination and awareness raising activities with other BIG DATA VALUE PPP actions, in order to achieve greater impact and visibility
- Arranged the set-up of the collaboration tool among Partners (Ms TEAMS)
- Handled the project web-site preparation (<http://www.pimcity.eu>) devoted mostly for community document sharing and coordination activities; moreover POLITO coordinated with AUI in order to come to a complementary content management of the second website (<https://www.pimcity-h2020.eu>), based on word-press with (limited) plugins installations of Elementor for official dissemination, using a unique graphic presentation
- Coordinated with KU Leuven in order to arrange a proper web-site privacy policy and, as coordinator, supported KU Leuven during the collection of information in order to the D7.1 (Data management plan) and 7.2 (Legal requirements for the PIMCity platform and its components); POLITO coordinated with KU Leuven in order to appoint a DPO (Data Protection Officer) to the project (intended as DPO team)

• Deliverables/Milestones status:

- ✓ D8.1 "*Project Handbook and Quality plan*": due date: 29th Feb 2020, completed on 6th Mar 2020
- ✓ D8.2 "*Interim Report of first year*": due date: 31st May 2020, current deliverable

• Problems and remedial actions (if applicable):

- ✓ Due to the withdrawal of TTTWIN during Grant Agreement negotiation stage, budget and PMs were allocated temporarily to POLITO. Later on, as soon as the Consortium identified and approved the participation of a new Partner, an amendment session was opened. The EC approved the amendment request on April 20th 2020 and CLIQZ GMBH (CLIQZ) was added to the Consortium as new Partner from February 12th 2020.

After such request, POLITO had to handle a second issue. Due to the lack of key personnel (that resigned from their organization), IAB Europe has presented its request to withdraw the Consortium at the end of March 2020. Since this issue came to the Coordinator, POLITO did its best effort to find a possible solution in collaboration also with IAB Europe.

Following to their final decision to withdraw and to support the Consortium to find a proper replacement, IAB Europe has suggested to contact IAB Spain in order to allow the Consortium to carry on the project forward smoothly.

IAB Europe and IAB Spain are different entities, but they are part of the same network. In fact, IAB Network brings together national IABs and regional IABs to share challenges, develop global solutions and advance the digital advertising industry worldwide.

POLITO then contacted IAB Spain and they gave their full interest in joining to PIMCity project.

POLITO discussed this issue within the project General Assembly held remotely on March 23rd-25th, coming to the decision to agree with the substitution, considering that IAB Spain and IAB Europe can develop same activities and tasks. Furthermore, according to the Grant Agreement (Description of Work), IAB will carry on its tasks starting from the second year of the project at an international level.

No pre-financing payment to IAB Europe has been carried out up to now and no transfer will be done in next months. IAB Europe will end its participation without claiming costs and effort.

POLITO has finally contacted the PO at the beginning of April and it is ready to ask a new amendment.

- ✓ Finally, at the end of April, due the financial situation of CLIQZ and its costs for research engine, browser and privacy technologies maintenance, CLIQZ has decided to stop supporting all user facing products, including browsers and search engine. For this reason, CLIQZ planned to end its participation to PIMCity related activities as it could no more provide the use case and devote appropriate resources to the project. Within the current amendment (started to add IAB Spain to the Consortium and end IAB Europe participation) tasks and budget to develop the components will be re-allocated among partners (GRANDATA, ERMES Security in particular). On the other hand, the budget/effort for B2C use case demonstration will be allocated temporarily to POLITO in order to identify a new partner to be added to the Consortium later on, with a new amendment request.

In the meantime, CLIQZ will refund the pre-financing received and will not claim costs and effort to EC.

- **Dissemination activities:**

Project websites:

<https://www.pimcity-h2020.eu> based on word-press with (limited), plugins installations of Elementor for official dissemination (content and image coordination AUI/POLITO)

WP9 – Ethical requirements (POLITO)

- **Technical activities description (10 lines):**

POLITO started to check in deep D9.1 and D9.2 content and coordinated with KU Leuven (conf-calls were organized and documents were shared). In particular a conf-call on May 27th was arranged to coordinate POLITO and KUL work. To such conf-call participated Prof. Marco Mellia, Dr. Tiziana Rolando and Dr. Giorgio Prette for POLITO; Dr. Vilte Kristina Steponenaite and Dr. Alessandro Bruni for KUL.

D9.1 and 9.2 content is elaborated starting from D7.1 and D7.2 one.

- **Deliverables/Milestones status:**

- ✓ Deliverable 9.1 “H – Requirement N.1” due date: 31/05/2020, to be submitted
- ✓ Deliverable 9.2 “POPD – Requirement N.2” due date: 31/05/2020, to be submitted

- **Problems and remedial actions (if applicable): N.A.**

- **Dissemination activities (if any): N.A.**

2. EFFORT SPENT DURING THE PERIOD

During the first six months, the project experienced some delay due to:

- ✓ The restrictions linked to COVID-19 outbreak (work mainly as smart-working at home, inter-personal distancing, interdiction to work in office, etc.). As face to face meeting are not possible, the Coordinator planned to have conf-calls on bi-weekly basis, but some technical activities got slower than expected due to lack of personal interaction and the interdiction to work in office
- ✓ The decision of two partners (IAB Europe and CLIQZ) to withdraw from the Consortium without claiming costs and effort.

The overall situation is summarized in the table below.

Please note that the number of PMs expected takes into account the total number of PMs per Partner and each WP duration. For this reason, it is an average purely indicative. Note also that IAB Europe and Cliqz PMs are still counted in the foreseen effort – but not in the actual effort reported by partners.

According to this, 112 PMs could be expected to be spent by the Consortium for this initial period (99 without IAB Europe and Cliqz). The Consortium spent around 77 PMs (70% of the expected, 77% without considering IAB Europe and Cliqz)). It is important to highlight that, out of 35 PMs of difference between expected and actual, around 13 PMs were allocated to IAB Europe and CLIQZ. According to the above, they asked to end their participation in the project and such PMs have not been spent.

Moreover, the Consortium has just opened an amendment in order to end IAB Europe and CLIQZ participation, adding – on the other hand - to the project IAB Spain and providing a task reallocation among partners to cover CLIQZ activities. A project extension request of 3 months will be added in order to properly manage delays as above described.

3. CONCLUSIONS ABOUT OVERALL PROJECT DEVELOPMENT

Activities have proceeded without relevant problems.

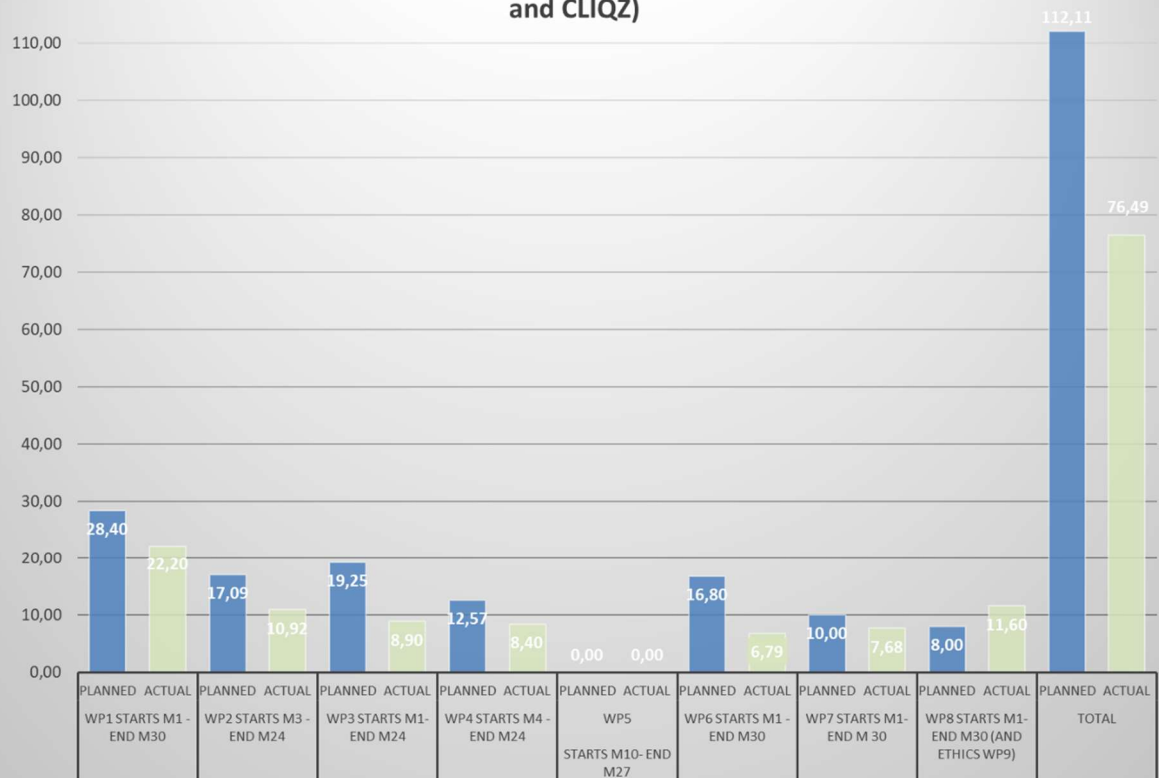
Main issues have been managed by the Project Management Office and Coordinator within WP8 and were successfully handled. The Project Coordinator and Technical Coordinator also did their best effort in order to keep Partners updated and coordinated despite of problems and delays linked to COVID-19 outbreak and withdrawal of IAB Europe and CLIQZ.

All active partners are developing their activities and tasks with minor delays.

In upcoming months, with the new amendment and task re-allocation, more timely project involvement is expected.

Participant	Names and categories of staff	WP1 Starts M1 - End M30		WP2 Starts M3 - End M24		WP3 Starts M1-End M24		WP4 Starts M4 - End M24		WP5 Starts M10- End M27		WP6 Starts M1 - End M30		WP7 Starts M1- End M 30		WP8 Starts M1- End M30 (and Ethics WP9)		Total		Difference Planned/Actual
		Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	
POLITO	Marco Mellia (Project Coordinator), 1 Senior Reseracher, Martino Trevisan (RTD-A), Luca Vassio (RTD-A) ,1 PhD Student; Tiziana Rolando and Loredana Alexandru (as Management Office)	1,40	1,60	4,55	4,30	0,00	0	0,00	0	0,00	0	1,80	0,90	0,80	0,65	4,00	5,17	12,55	12,62	0,07
NEC	6 researchers (5 Male, 1 Female)	3,80	2,5	3,64	0,78	0,00	0	1,71	1,33	0,00	0	0,80	0	0,40	0	1,80	4,61	12,15	9,22	-2,93
ERMES	Stefano Traverso, Davide Pozza	3,20	3,9	2,00	3,09	0,00	0	1,00	0	0,00	0	0,60	0,31	0,40	0,4	0,20	0,3	7,40	8,00	0,60
IMDEA	Nikolaos Laoutaris, Marius Paraschiv, Elisa Cabana, Santiago Andrés	1,40	1,4	0,00		5,50	4,8	1,43	1,06	0,00	0	1,80	0,2	0,40	0,2	0,20	0,2	10,73	7,86	-2,87
UC3M	Rubén Cuevas, Angel Cuevas, Pedro Reveriego, Francisco Valera, Ivan Vidal	1,40	2,17	1,09	0,87	6,75	1,22	0,00	0	0,00	0	1,40	0	0,40	1	0,20	0,17	11,24	5,43	-5,81
TID	Nicolas Kourtellis, Kleomenis Katevas	2,40	2,06	1,09	0,88	1,50	1,38	3,29	2,23	0,00	0	0,80	0,33	0,40	0,48	0,20	0,21	9,68	7,57	-2,11
FASTWEB	Guglielmo Bondioni (Senior Researcher), supporting staff	3,20	1,26	0,00	0	0,00	0	0,00	0	0,00	0	0,60	0,25	0,40	0,25	0,20	0,19	4,40	1,95	-2,45
LSTECH	Evangelos Kotsifakos (Senior Researcher), research staff, supporting staff	1,00	0,71	0,00	0	0,00	0	3,00	2,08	0,00	0	0,40	0,00	0,40	0,15	0,20	0,15	5,00	3,10	-1,90
KUL	Aleksandra Kuczerawy, Vilde Kristina Steponenaite, Alessandro Bruni	1,40	1,2	0,73	0,5	0,25	0,2	0,29	0,2	0,00	0	1,00	0,5	4,80	4,00	0,20	0	8,66	6,60	-2,06
AUI	Miguel Pérez Subías, Jean Granjon	1,80	1,2	0,55	0,5	0,75	0,5	0,57	0,5	0,00	0	4,20	4	0,40	0,2	0,20	0,2	8,47	7,10	-1,37
IAB	Required to withdraw the Consortium; no cost and no effort claimed	1,40	0	0,55	0	0,75	0	0,57	0	0,00	0	1,20	0	0,40	0	0,20	0	5,07	0,00	-5,07
GDATA	1 Coordinator and PM 1 Administrator 4 researchers	3,60	4,2	1,82	0	1,25	0,8	0,71	1	0,00	0	1,20	0,3	0,40	0,35	0,20	0,4	9,18	7,05	-2,13
CLIQZ	Started the project on 12/02; ended on 20/05/2020; no effort and no cost claimed	2,40	0	1,09	0	2,50	0	0,00	0	0,00	0	1,00	0	0,40	0	0,20	0	7,59	0,00	-7,59
Total		28,40	22,20	17,09	10,92	19,25	8,90	12,57	8,40	0,00	0,00	16,80	6,79	10,00	7,68	8,00	11,60	112,11	76,49	-35,62

PMs per WP M1-M6 (effort forecasted included IAB Europe and CLIQZ)



PMs per Partner M1-M6

