

PLATONE

PLATONE

PLATform for Operation of Distribution NETworks

D9.3 v1.0

Project Management Plan, V1

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Abstract

This is the first version of the project management plan for PLATONE. This technical management plan covers both the project implementation plan and project management planning and reporting

Keyword list

Project Management, Technical Management

Disclaimer

All information provided reflects the status of the PLATONE project at the time of writing and may be subject to change.

Executive Summary

Deliverable D9.3 provides the first version of the project management plan for PLATONE. This technical management plan covers two fundamental aspects of the project, i.e. the project implementation plan, and project management planning and reporting.

The project implementation plan is articulated at work package (WP) level as well as at task level. First, the high-level description of the project implementation plan is given by presenting the overall structure of the work plan organized by WP, showing a coherent overall project flow. Second, the project implementation plan is given in more details by providing the task dependencies, showing how the developed research concepts are linked to the validation, implementation, exploitation, and dissemination activities.

Third, another important aspect of the project technical management covered in this deliverable is the project planning. Complementarily to the management structure and procedures defined in the project Grant Agreement, during the Kick-off Meeting, the management approach to monitor progresses of work was planned.

Finally, a systematic method to ensure delivery of quality results in a timely manner for the remainder of the project is presented by providing an updated detailed reporting plan.

Authors

Partner	Name	e-mail
RWTH		
	Pádraic McKeever	pmckeever@eonerc.rwth-aachen.de

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1. Introduction

PLATform for Operation of Distribution NEtworks (PLATONE) is a four-year European Commission funded project within the Work Programme H2020-LC-SC3-2018-2019-2020/H2020-LC-SC3-2019-ES-SCC [1]. The project officially started in September 2019. The Kick-off Meeting of PLATONE was held on 30 September - 1 October 2019 in Brussels. Table 1 shows the project Gantt chart.

This the first version of the project management plan. It was defined during the Kick-off Meeting coherently to the management structure and procedures described in PLATONE Grant Agreement [1] and updated accordingly based on the progress of the project and the feedback received from the advisory board.

The project summary follows:

To manage energy transition, DSOs require innovative tools. Volatile renewable energy sources in combination with less predictable consumption patterns call for higher levels of observability and exploitation of flexibility. While these two challenges are traditionally treated with separate means, PLATONE proposes an innovative approach to a joint data management for both. Fully respecting the existing regulatory framework, a layered set of platforms will allow to meet the needs of system operators, aggregators and end users. A blockchain-based platform is the access layer to generators' and customers' flexibilities able to break traditional access barriers by providing certified measures to all the players. In conjunction, certified data and signals will be used for an innovative DSO platform to locally maintain system integrity fostering confidence in flexibility operations. An upper layer will implement a new concept of blockchain-based open market platform to link the local system to the TSO domains and enhance the overall system cost efficiency. Because flexibility means customer involvement, PLATONE puts the grid users at the centre, investigates their needs and expectations and uses the underlying blockchain to unlock the potentials of higher dynamics of response. The platforms will be tested in 3 large pilots in Europe and analysed in cooperation with a large research initiative in Canada. Thanks to strategic partnerships and a unique consortium structure with an excellent network, PLATONE can offer an unprecedented effort of dissemination and exploitation with focus on DSO experts and final users.

Table 1: Project Gantt Chart [1].



2. Project Implementation Plan

This chapter presents the project implementation plan with emphasis on the upcoming work package and task dependencies. The goal is to show that the project will develop coherently and that quality results will be effectively delivered.

The chapter is structured as follows. First, the overall project flow showing the work package relationships is presented. Then, the detailed task dependencies are given.

2.1 Overall Project Flow

Figure 1 shows the overall structure of the work plan. The project PLATONE is structured in 10 work packages.

WP1 “DSO Operation Strategies and Harmonization” prepares detailed specifications for the scope of the project to ensure the overall technical coordination of the three Demonstrators. It applies a common methodology to collect the functional requirements of the demonstrators. It defines the DSO operation specifications for the aggregator/customer flexibility market handling system, harmonises the methodologies of the demonstration sites, defines KPIs, co-ordinates with other H2020 projects and defines customer engagement strategies for the project.

WP2 “Platform Implementation and Data Handling” designs and implements the overall PLATONE framework to create a fully replicable and scalable system that enables distribution grid flexibility/congestion management mechanisms through P2P market models that include all the possible actors involved at any level (DSOs, TSOs, Customers, Aggregators).

WP3 “Italian Demo” realises and performs a field trial of a fully functional system that enables distributed resources connected in medium and low voltage to provide grid services in different flexibility market models which include all the stakeholders (TSO, DSO, aggregators and end-users). It uses BlockChain technology to exploit local flexibility.

WP4 “Greek Demo (Mesogeia)” realises and performs a field trial of a fully functional system which performs state estimation, enables the DSO to offer the TSO flexibility as an ancillary service and optimally controls DERs.

WP5 “German Demo” demonstrates a local balancing mechanism implemented in coordination with centralized grid operation and DSO-owned flexibility mechanism.

WP6 “Standardisation, Interoperability and Data Handling” lists, analyses and evaluates the most relevant and up-to-date standards and standardisation Work Groups that apply to the three demonstrations on issues of ICT, network architecture, device interoperability, data handling and exchange and cyber security.

WP7 “Scalability, Replicability, CBA” analyses the data coming from the demos, performing a scalability and replicability analysis, and a cost-benefit analysis.

The non-technical WPs are:

WP8 “Dissemination and Exploitation”.

WP9 “Project Management”

WP10 “Ethics requirements”.

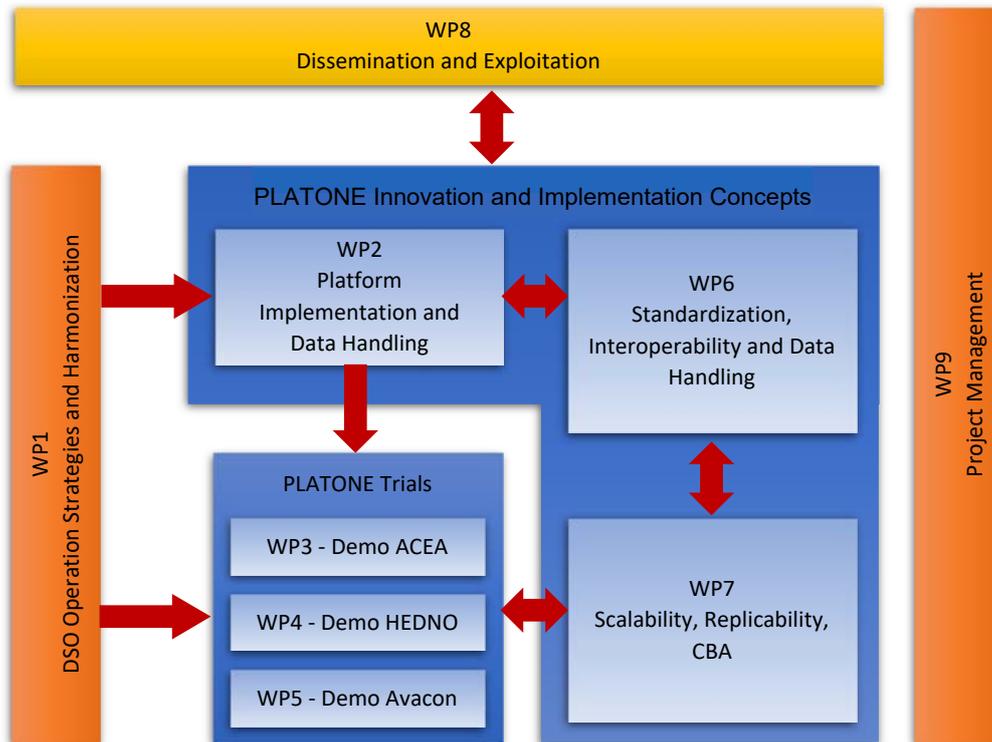


Figure 1: Work package and interrelationship (PERT Chart) [1].

The following terminology has been used in defining task inputs and outputs in the chapters below:

- each non-documentary thing produced in a WP is a *subsystem*,
- a *system* a set of *subsystems*, integrated and working together;
- the interfaces offered by subsystems are called APIs. An API comprises a description (in a project deliverable) and the software supporting the API (a *subsystem*).

2.2 Work Package 1: DSO Operation Strategies and Harmonization

Table 2 shows the task input/output relationships within WP1.

T1.1 maps the architectures of the demos and the Use Cases onto an SGAM (Smart Grid Architecture Model) layered representation.

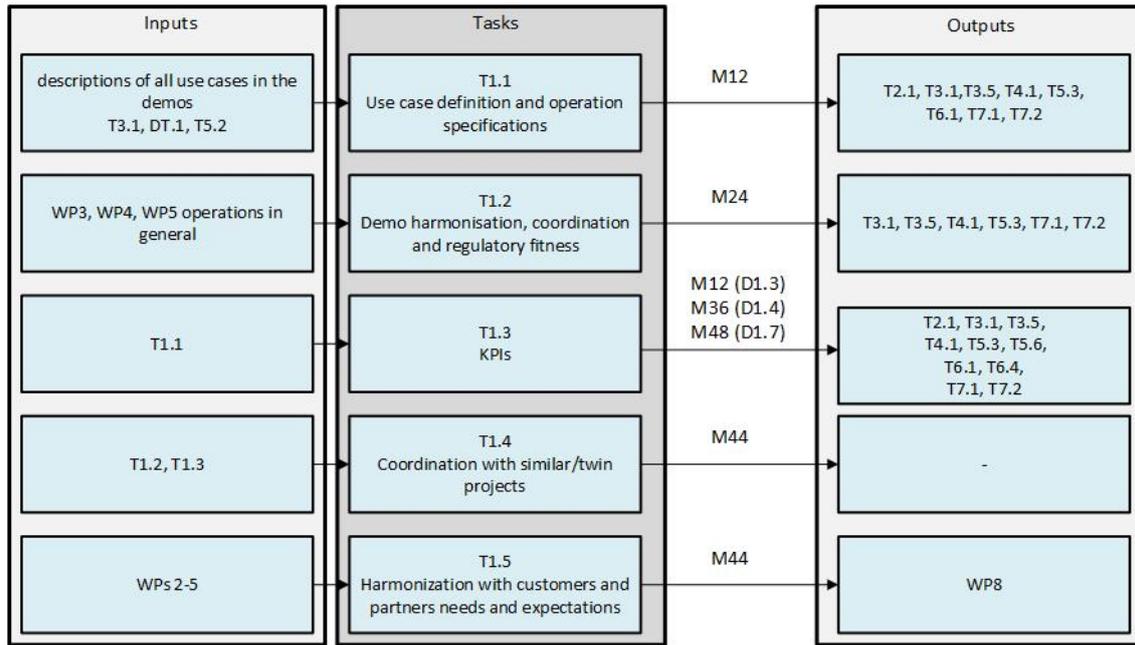
T1.2 continuously harmonises the demo activities.

T1.3 defines the Key Performance Indicators of the project.

T1.4 coordinates with other H2020 projects responding to the same call, especially paying attention to projects where partners overlap

T1.5 involves guiding partners in WPs 2-5 through a user and target group-oriented design process.

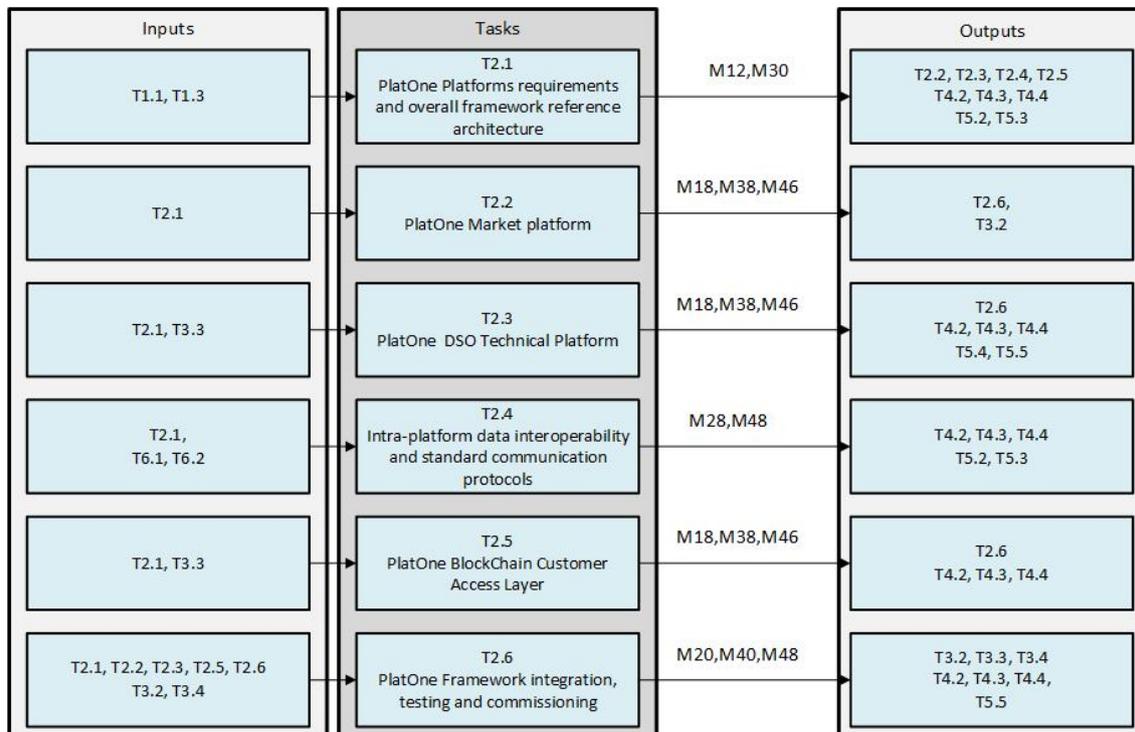
Table 2: Task dependencies within WP1.



2.3 Work Package 2: Platform Implementation and Data Handling

Table 3 shows the task input/output relationships within WP2.

Table 3: Task dependencies within WP2.



T2.1 defines the PLATONE overall framework reference architecture exploiting the scenarios and use cases provided by WP1 and specific system functional and non-functional requirements.

T2.2 develops the PLATONE Market platform subsystem. This platform allows managing both TSO (for wide geographical areas) and DSO (for local areas). The available flexibility is coordinated to optimize requests for flexibility and congestion.

T2.3 develops the generic PLATONE DSO Technical Platform and open APIs for the PLATONE DSO Technical Platform. The DSO Technical Platform acts as conjunction between customers, aggregators and TSOs, allowing the DSO's grid to react to specific market requests, ensure the market functionalities and activating local flexibility requests to connected customers.

WP4 and WP5 will use the DSO Technical Platform and the APIs delivered by T2.3.

Since T2.3, T2.5 have the same deadlines as T3.3 (i.e. the complete Italian demo that, differently from the other demos, will deliver the complete solution in a first version at month 18), the development work in T2.3, T2.5 and T3.3 has to be done (sharing a proper intermediate release plan between WP2 and WP3). This means that WP2's and WP3's deliverables are reciprocally input for each other between T2.3 and T2.5 in WP2 and T3.3 in WP3.

T2.4 defines the required communication protocols and specifications for data interoperability for facilitating the cooperation of the different customers.

T2.5 develops a subsystem for a native Blockchain Customer Access Layer, including a DSO Common Access Interface in BlockChain Technology which is used by Greek and German pilots for the local customization. T2.5's deliverables will focus in particular on the exploitation of blockchain combined with distributed storage approach to store, share and replicate data in a secure and reliable manner cross the nodes to address scalability issues.

T2.6 performs integration, testing and commissioning of the subsystems according to the framework reference architecture of T2.1, providing a PLATONE framework prototype system which is used by the Italian, Greek and German demos in WP3, WP4 and WP5.

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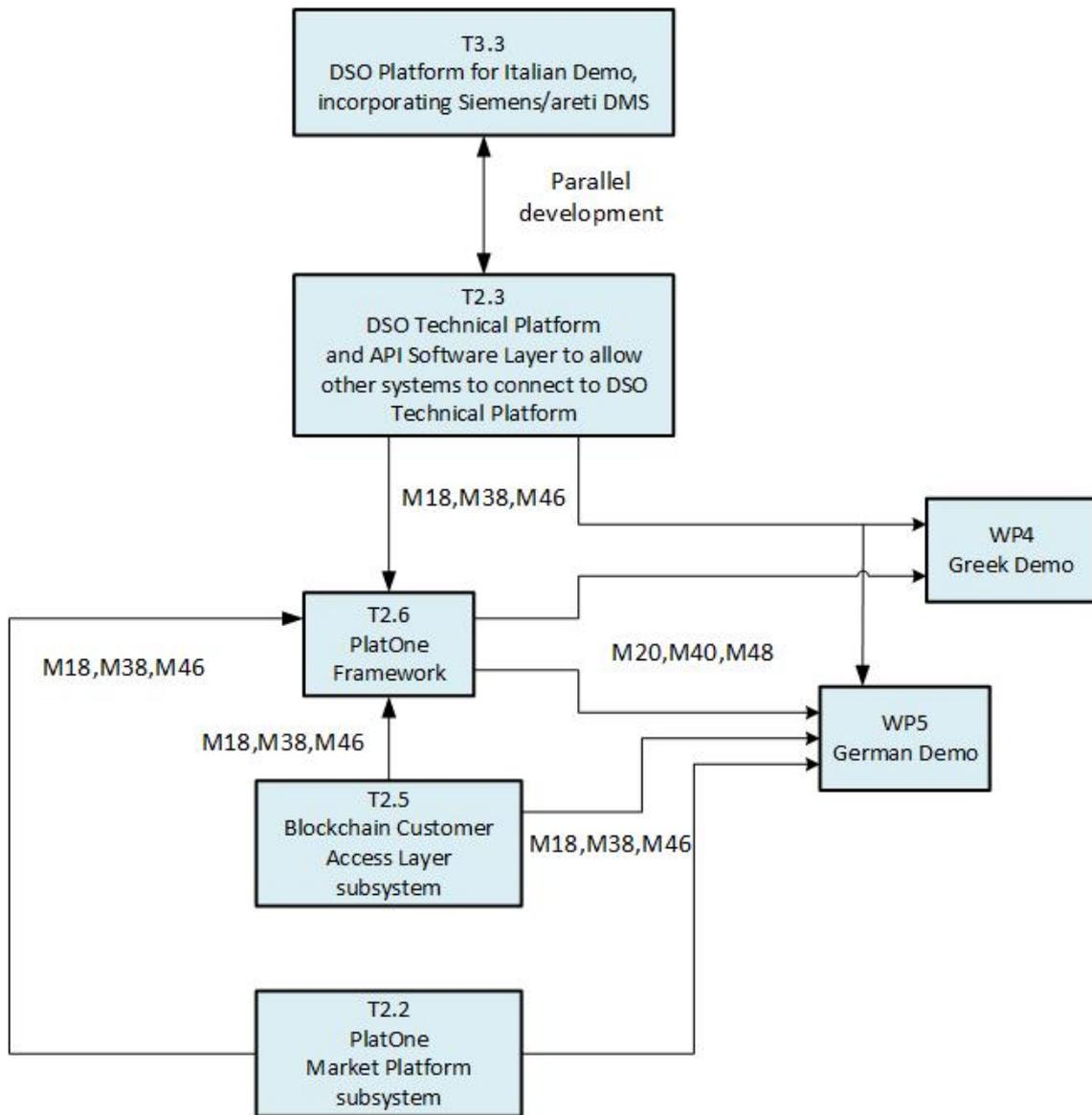


Figure 2: Outline of Deliveries of Subsystems to Framework Integration and to Greek and German Demos

Figure 2 shows how the Greek and German demos will receive three incremental deliveries of subsystems from WP2. In addition to the framework prototype produced by T2.6, the demos will also take subsystems directly from T2.2, T2.3 and T2.5.

2.4 Work Package 3: Italian Demo

Table 4 shows the task input/output relationships within WP3.

T3.1 performs the WP3 management.

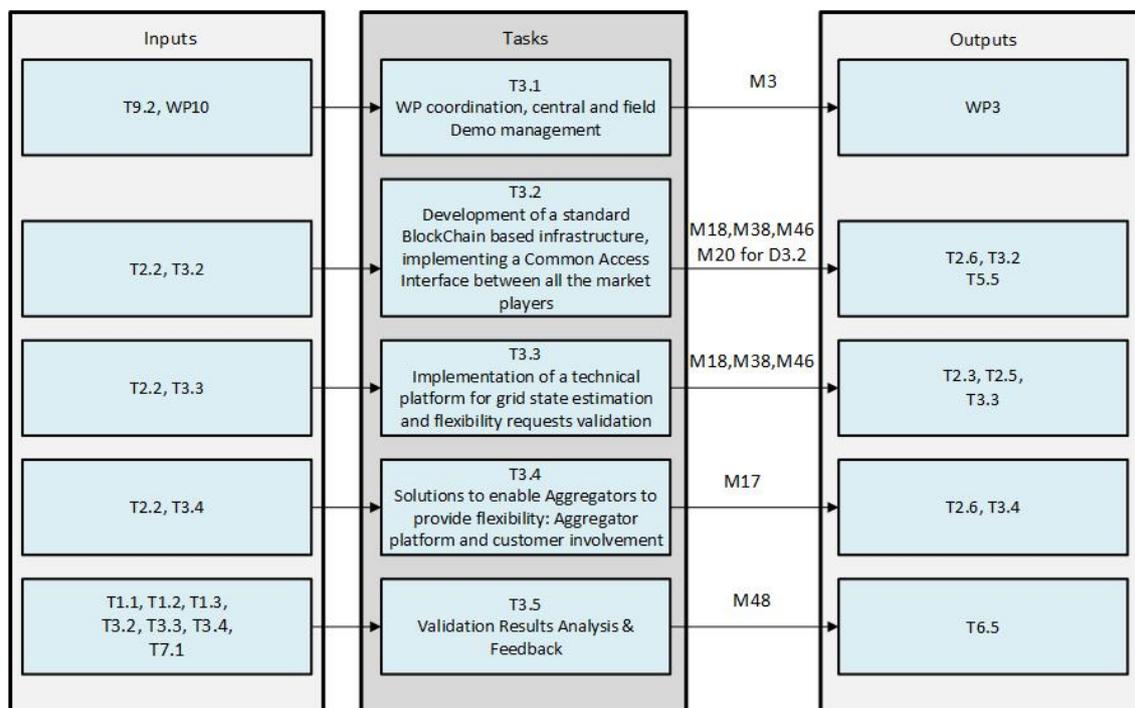
T3.2 develops a subsystem with a standard BlockChain based infrastructure, implementing a Common Access Interface to give all market players an access layer to customers' building automation.

T3.3 develops a subsystem for a DSO Technical Platform which works as the link between customers, aggregators, and marketplaces, allowing the DSO's grid to react to specific market signals.

T3.4 develops a subsystem for an Aggregator Platform to enable Aggregators to provide flexibility on the market.

T3.5 evaluates the effectiveness of the Italian pilot.

Table 4: Task dependencies within WP3.



2.5 Work Package 4: Greek Demo (Mesogia)

Table 5 shows the task input/output relationships within WP4.

The deployment of WP4 will be structured in two stages.

1) During the first stage (T4.2, 4.3.1 and 4.4.1), T2.1 outputs are used for the development phase of the T4.2 State estimation tool and T4.3.1, 4.4.1 algorithms.

2) Then, in the second stage (T4.2, 4.3.2 and 4.4.2), the final delivery of the T2.6 PLATONE framework prototype system as software necessary for the Greek demo along with the relevant APIs from T2.3 will be used for the integration of the T.4.2, 4.3 and 4.4 subsystems integration in the DSO Technical Platform, developed and delivered within WP2.

3) Furthermore, the deployed PMUs of RWTH in Mesogia will be connected in the DSO technical platform, developed and delivered within WP2, employing the corresponding APIs also developed within WP2. The use of PMUs and the integration are critical for the collection of field data.

4) HEDNO legacy systems and data coming from meters, RES production, etc. will be integrated in the DSO technical platform using the T2.3 APIs.

T4.1 tailors the KPIs and Use Cases identified in WP1 to define specific target value on which the methods realized in the demonstration will be evaluated.

T4.2 develops a state-estimation tool and tests it at the Mesogeia pilot.

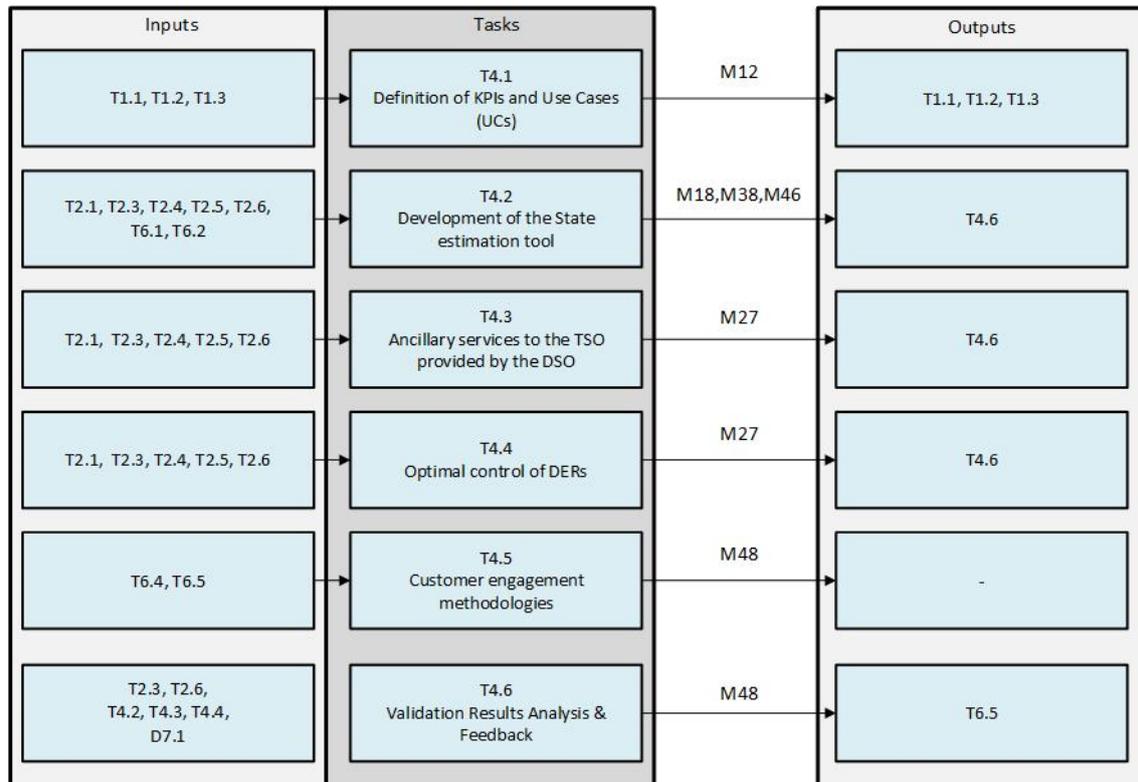
T4.3 develops an algorithm for providing ancillary services using distribution network flexibility and tests it at the Mesogeia pilot.

T4.4 develops an algorithm for optimal control of DERs and tests it at the Mesogeia pilot.

T4.5 develops methodologies to engage the end-customers to voluntarily participate in the pilot.

T4.6 evaluates the effectiveness of the Mesogeia pilot.

Table 5: Task dependencies within WP4.



2.6 Work Package 5: German Demo

Table 6 shows the task input/output relationships within WP5.

T5.1 performs the WP5 management.

T5.2 designs the technical solution required to execute field-testing

T5.3 designs the Use Case Algorithms which enable local balancing of low voltage network with high penetration of DER, coordination of local balancing with flexibility demand from higher instances and allow upload as well as download of energy packages out of local grids. The Use Case Algorithms are documented in the D5.3 report and realised as a subsystem which T5.3 delivers to T5.4 in M18.

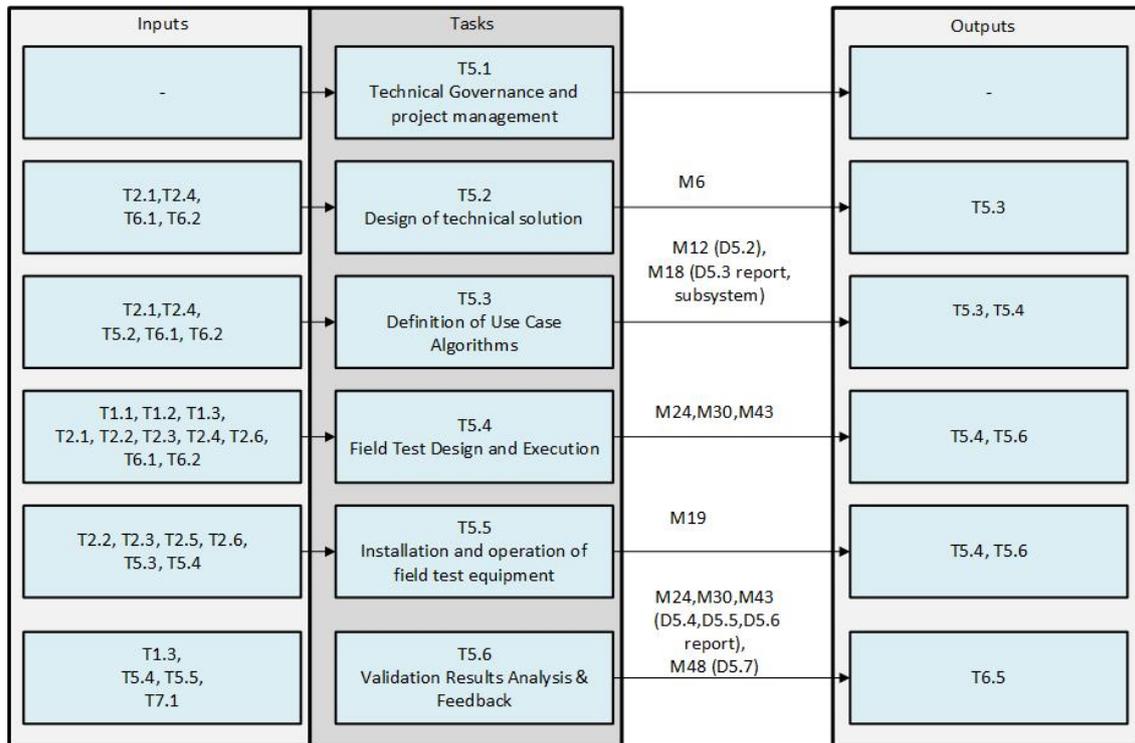
T5.4 performs the field test design and execution and performs an in-depth analysis of the demonstration results based on the Key Performance Indicators (KPI) of the demonstration.

T5.4 focuses on the implementation of Avacon's DSO-platform and application of Use Cases. The DSO-Platform will be exclusively available for Avacon. The platform will be connected to a communication infrastructure for metering and controlling of flexibilities, which will be installed in the field in frame of T5.5. Task 5.4 will have increments at M24, M30, and M43.

T5.5 covers the planning, installation, testing and commissioning of the required field-testing equipment. The field test environment installed in T5.5 consist of an secondary substation, a large scale DSO-Battery storage and customers' households providing flexibility, which need to be equipped with meters and controlling devices as well as battery storages as additional flexibility. T5.5 will be finished at M19.

T5.6 evaluates the effectiveness of the German pilot.

Table 6: Task dependencies within WP5.



2.7 Work Package 6: Standardisation, Interoperability and Data Handling

Table 7 shows the task input/output relationships within WP6.

T6.1 lists, analyses and evaluates the most relevant standards to the demonstrations.

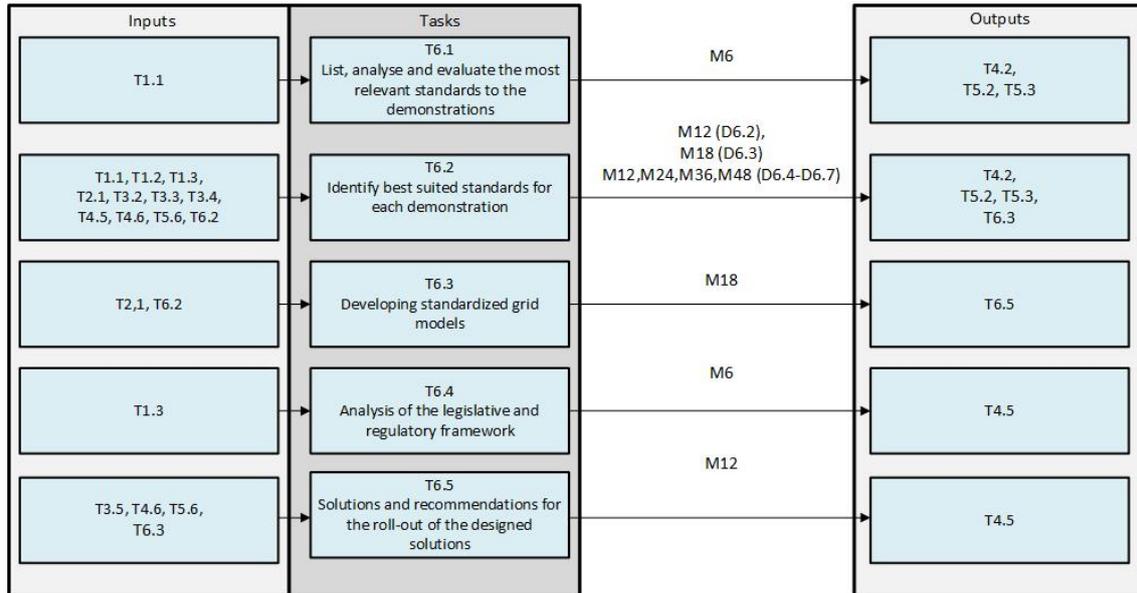
T6.2 identifies the best-suited standards for each demonstration.

T6.3 develops standardized grid models.

T6.4 analyses the legislative and regulatory framework, Blockchain technology.

T6.5 makes solutions and recommendations for the rollout of the designed solutions.

Table 7: Task dependencies within WP6.



2.8 Work Package 7: Scalability, Replicability, CBA

Table 8 shows the task input/output relationships within WP7.

T7.1 analyses the use cases identified in Task 1.1 to identify set of data needed and the relevant boundary conditions.

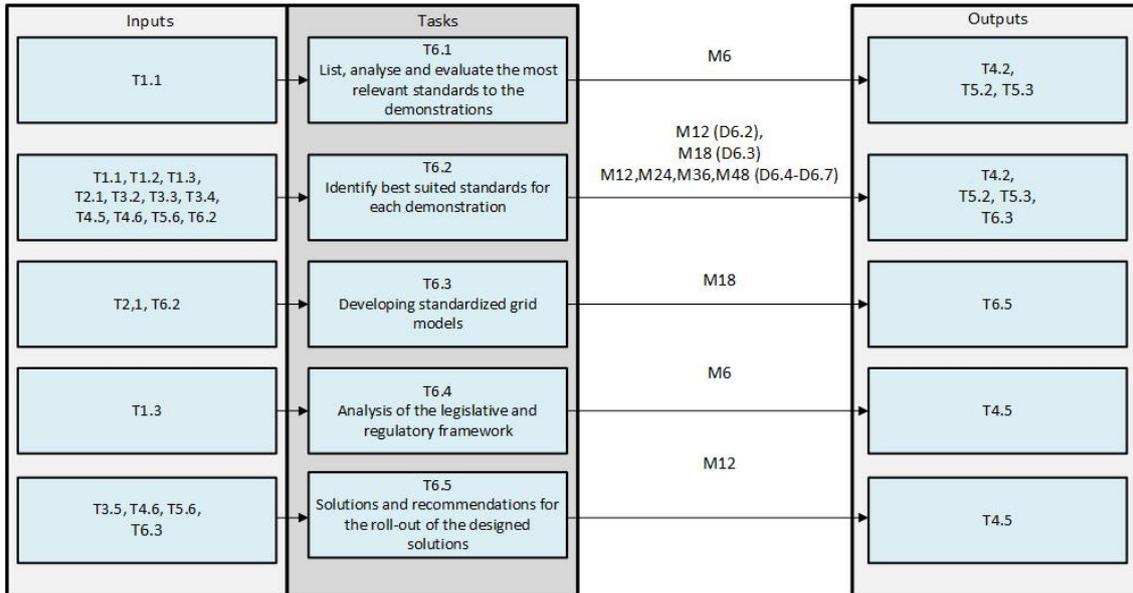
T7.2 develops methodologies for the Scalability and Replicability Analysis (SRA) and the Multi-Criteria Analysis-Cost Benefit Analysis (MCA-CBA).

T7.3 performs the SRA and CBA analysis.

T7.4 uses the results of the previous tasks to elaborate recommendations for supporting the large-scale deployment of the solutions tested in the demos.

T7.5 assesses the potential drivers and barriers affecting the deployment of the project solutions in Canada.

Table 8: Task dependencies within WP7.



3. Project Management Planning and Reporting

The management structure and procedures were already defined in the PLATONE Grant Agreement [1]. The objective of this section is to provide more information about the upcoming project planning and reporting after decisions were taken in the project Kickoff Meeting held on 30 September-1 October 2019 in Brussels.

3.1 Project Planning

As highlighted in [1], the overall project management is split between RWTH-ACS as project coordinator and ENG as technical coordinator. However, as ENG have no budget for the technical coordinator role, it was agreed at the Kickoff Meeting that RWTH-ACS shall also fulfil this role. Project coordinator and technical coordinator both play the key role of maintaining the overall project plan. The current project management structure is shown in Figure 3.

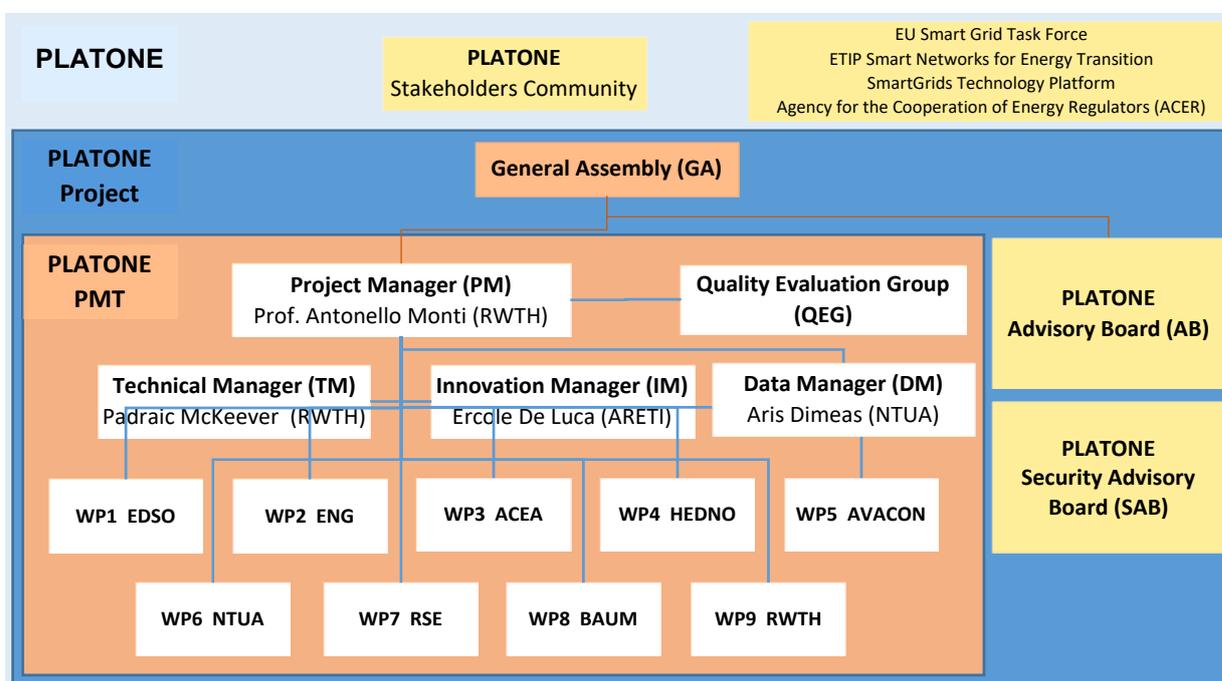


Figure 3: PLATONE Project Management Structure

Internal financial reports will be submitted by partners to coordinator every 6 months. Three technical and financial reports will be provided to the EC:

- I. After 18 months (01/09/2019 - 28/02/2021)
- II. After 12 months (01/03/2021 - 28/02/2022)
- III. After 18 months (01/03/2022 - 31/08/2023)

The Project Management Team (PMT) takes care of the operational management of the project by holding monthly PMT voice conferences. The PMT voice conferences are held every first Thursday of the month at 16.00-17.30 every four weeks.

The progress of the work of the WPs, i.e. WPs 1-8, is monitored regularly by holding monthly voice conferences per WP.

The number of voice conferences will be ramped up again as soon as deliverable and milestone deadlines approach to provide enough time for planning, proper data collection, and internal review for result quality improvement.

Moreover, it is planned to hold face-to-face meetings three times a year. The first project meetings are scheduled as follows:

- Project meeting 1: – Rome – 21st – 22nd January 2020.
- Project meeting 2: – Place and location still to be defined

A project web site (www.platone-h2020.eu) is under preparation. A project repository (<https://rwth-aachen.sciebo.de/s/iBdMxkR8MF9I0Rv>) for easy sharing of documents and results among the PLATONE partners is up and running.

3.2 Project Deliverables

Table 9 to Table 16 present a detailed reporting plan for upcoming deliverables categorised by WP. The aim of the reporting plan is not only to ensure timely submissions, but also that research results are delivered in quality manuscripts. This quality target is achievable by allocating a period of time for internal review to the consortium, during which selected partners are called to review the draft documents. Moreover, the deliverable responsible is responsible not only for preparing the first draft for internal revision, but also that the review process is effectively carried out within the time allocated for the revision.

Table 9: Review plan for WP1.

Del.Nr.	Deliverable Name	Associated Task	Main Authors	Other Authors	Type	Reviewers	Due Date	First Draft Ready	Ready for Internal Review	Submission end of
D1.1	D1.1 General Functional Requirements and specifications of joint activities in the Demonstrators	T1.1	ESDO	RWTH, RSE, BAUM, AVAC, ENG	Report	RWTH SIE	M12	10.07.2020	31.07.2020	Aug 2020
D1.2	Project KPIs definition and measurement methods	T1.3	ESDO	RWTH, RSE, BAUM, AVAC, ENG	Report	ACEA APIO	M12	10.07.2020	31.07.2020	Aug 2020
D1.3	Overview of regulatory aspects that impact the solutions tested in the demos in European countries	T1.2	ESDO	RWTH, RSE, BAUM, AVAC, ENG	Report	ARETI HEDNO	M24	10.07.2021	31.07.2021	Aug 2021
D1.4	Assessment of Project KPIs	T1.3	ESDO	RWTH, RSE, BAUM, AVAC, ENG	Report	NTUA BAUM	M36	10.07.2022	31.07.2022	Aug 2022
D1.5	Report on Workshops on customer engagement	T1.5	BAUM	RWTH, RSE, BAUM, AVAC, ENG	Report	RSE SIE	M44	10.03.2023	31.03.2023	Apr 2023
D1.6	Report on twin projects coordination Workshops	T1.4	ESDO	RWTH, RSE, BAUM, AVAC, ENG	Report	APIO ARETI	M44	10.03.2023	31.03.2023	Apr 2023
D1.7	Update of Project KPIs	T1.3	ESDO	RWTH, RSE, BAUM, AVAC, ENG	Report	RWTH AVAC	M48	10.07.2024	31.07.2024	Aug 2024

Table 10: Review plan for WP2.

Del.Nr.	Deliverable Name	Associated Task	Main Authors	Other Authors	Type	Reviewers	Due Date	First Draft Ready	Ready for Internal Review	Submission end of
D2.1	PlatOne Platform requirements and reference architecture (v1)	T2.1	ENG	RWTH, RSE, ACEA, SIE	Report	ARETI HEDNO	M12	10.07.2020	31.07.2020	Aug 2020
D2.2	PlatOne Platform requirements and reference architecture (v2)	T2.1	ENG	RWTH, RSE, ACEA, SIE	Report	EDSO APIO	M30	10.01.2022	31.01.2022	Feb 2022
D2.3	PlatOne Market platform (v1)	T2.2	ENG	RWTH, RSE, ACEA, SIE	Demonstrator	N/A	M18	10.01.2021	31.01.2021	Feb 2021
D2.4	PlatOne Market platform (v2)	T2.2	ENG	RWTH, RSE, ACEA, SIE	Demonstrator	N/A	M38	10.09.2022	30.09.2022	Oct 2022
D2.5	PlatOne Market platform (v3)	T2.2	ENG	RWTH, RSE, ACEA, SIE	Demonstrator	N/A	M46	10.07.2024	30.05.2024	Jun 2024
D2.6	PlatOne DSO Technical Platform (v1)	T2.3	SIE	RWTH, RSE, ACEA, ENG	Report	APIO ARETI	M18	10.01.2021	31.01.2021	Feb 2021
D2.7	PlatOne DSO Technical Platform (v2)	T2.3	SIE	RWTH, RSE, ACEA, ENG	Report	HEDNO NTUA	M38	10.09.2022	30.09.2022	Oct 2022
D2.8	PlatOne DSO Technical Platform (v3)	T2.3	SIE	RWTH, RSE, ACEA, ENG	Report	ENG AVAC	M46	10.07.2024	30.05.2024	Jun 2024
D2.9	Specification of the interoperability and standard communication protocols (v1)	T2.4	RWTH	RSE, ACEA, SIE, ENG	Report	NTUA AVAC	M28	10.11.2021	30.11.2021	Dec 2021
D2.10	Specification of the interoperability and standard communication protocols (v2)	T2.4	RWTH	RSE, ACEA, SIE, ENG	Report	ARETI NTUA	M48	10.07.2024	31.07.2024	Aug 2024
D2.11	PlatOne BlockChain Customer Access Layer (v1)	T2.5	ENG	RWTH, RSE, ACEA, SIE	Report	ARETI RSE	M18	10.01.2021	31.01.2021	Feb 2021
D2.12	PlatOne BlockChain Customer Access Layer (v2)	T2.5	ENG	RWTH, RSE, ACEA, SIE	Report	BAUM ENG	M38	10.09.2022	30.09.2022	Oct 2022
D2.13	PlatOne BlockChain Customer Access Layer (v3)	T2.5	ENG	RWTH, RSE, ACEA, SIE	Report	RWTH EDSO	M46	10.07.2024	30.05.2024	Jun 2024
D2.14	PlatOne Integrated Framework Prototype (v1)	T2.6	ENG	RWTH, RSE, ACEA, SIE	Demonstrator	N/A	M20	10.03.2021	31.03.2021	Apr 2021
D2.15	PlatOne Integrated Framework Prototype (v2)	T2.6	ENG	RWTH, RSE, ACEA, SIE	Demonstrator	N/A	M40	10.11.2022	30.11.2022	Dec 2022
D2.16	PlatOne Integrated Framework Prototype (v3)	T2.6	ENG	RWTH, RSE, ACEA, SIE	Demonstrator	N/A	M48	10.07.2024	31.07.2024	Aug 2024

Table 11: Review plan for WP3.

Del.Nr.	Deliverable Name	Associated Task	Main Authors	Other Authors	Type	Reviewers	Due Date	First Draft Ready	Ready for Internal Review	Submission end of
D3.1	Internal operational plan and WP3 roadmap	T3.1	ARETI	RWTH, ACEA, SIE, APIO, BAUM, ENG	Report	ENG RWTH	M3	07.11.2019	14.11.2019	Nov 2019
D3.2	Report of optimal communication solutions between customer database and market players	T3.2	ARETI	RWTH, ACEA, SIE, APIO, BAUM, ENG	Report	BAUM EDSO	M20	10.03.2021	31.03.2021	Apr 2021
D3.3	Delivering of technology (v1)	T3.2,3.3,3.4	ARETI	RWTH, ACEA, SIE, APIO, BAUM, ENG	Demonstrator	N/A	M18	10.01.2021	31.01.2021	Feb 2021
D3.4	Delivering of technology (v2)	T3.2,3.3,3.4	ARETI	RWTH, ACEA, SIE, APIO, BAUM, ENG	Demonstrator	N/A	M38	10.09.2022	30.09.2022	Oct 2022
D3.5	Delivering of technology (v3)	T3.2,3.3,3.4	ARETI	RWTH, ACEA, SIE, APIO, BAUM, ENG	Demonstrator	N/A	M46	10.07.2024	30.05.2024	Jun 2024
D3.6	Report on first integration activity in the field	T3.2,3.3,3.4	SIE	ARETI, RWTH, ACEA, APIO, BAUM, ENG	Report	HEDNO AVAC	M20	10.03.2021	31.03.2021	Apr 2021
D3.7	Report of customer involvement	T3.4	ACEA	ARETI, RWTH, SIE, APIO, BAUM, ENG	Report	AVAC EDSO	M17	10.12.2021	31.12.2020	Jan 2021
D3.8	Report on second integration activity in the field	T3.2,3.3,3.4	SIE	ARETI, RWTH, ACEA, APIO, BAUM, ENG	Report	HEDNO AVAC	M40	10.11.2022	30.11.2022	Dec 2022
D3.9	Report on main results achieved in the field test	T3.5	ARETI	RWTH, ACEA, SIE, APIO, BAUM, ENG	Report	NTUA RSE	M48	10.07.2024	31.07.2024	Aug 2024

Table 12: Review plan for WP4.

Del.Nr.	Deliverable Name	Associated Task	Main Authors	Other Authors	Type	Reviewers	Due Date	First Draft Ready	Ready for Internal Review	Submission end of
D4.1	Report on the definitions of KPIs and UCs	T4.1	HEDNO	RWTH, NTUA, BAUM	Report	ENG SIE	M12	10.07.2020	31.07.2020	Aug 2020
D4.2	State estimation tool	T4.2	NTUA	HEDNO, RWTH, BAUM	Report	ENG ACEA	M15	10.10.2020	31.10.2020	Nov 2020
D4.3	Algorithm for ancillary services	T4.3	NTUA	HEDNO, RWTH, BAUM	Report	ACEA APIO	M27	10.10.2021	31.10.2021	Nov 2021
D4.4	Algorithm for optimal DER control	T4.4	NTUA	HEDNO, RWTH, BAUM	Report	RSE ACEA	M27	10.10.2021	31.10.2021	Nov 2021
D4.5	Mesogeia demonstration: report	T4.6	HEDNO	RWTH, NTUA, BAUM	Report	ENG AVAC	M48	10.07.2024	31.07.2024	Aug 2024
D4.6	Report on lessons-learned from the customer engagement methodologies	T4.5	BAUM	HEDNO, RWTH, NTUA	Report	EDSO ACEA	M48	10.07.2024	31.07.2024	Aug 2024
D4.7	Mesogeia demonstration: metaanalysis and lessons learned	T4.6	HEDNO	RWTH, NTUA, BAUM	Report	ARETI AVAC	M48	10.07.2024	31.07.2024	Aug 2024

Table 13: Review plan for WP5.

Del.Nr.	Deliverable Name	Associated Task	Main Authors	Other Authors	Type	Reviewers	Due Date	First Draft Ready	Ready for Internal Review	Submission end of
D5.1	Solution Design and Technical Specifications	T5.2	AVAC	RWTH, BAUM	Report	ENG ARETI	M6	10.01.2020	31.01.2020	Feb 2020
D5.2	Detailed Use Case Descriptions	T5.3	AVAC	RWTH, BAUM	Report	HEDNO NTUA	M12	10.07.2020	31.07.2020	Aug 2020
D5.3	Definition of Use Case algorithms	T5.3	AVAC	RWTH, BAUM	Report & Subsystem	SIE APIO	M18	10.01.2021	31.01.2021	Feb 2021
D5.4	Use Case 1 Demonstration Report	T5.6	AVAC	RWTH, BAUM	Report	ACEA ENG	M24	10.07.2021	31.07.2021	Aug 2021
D5.5	Use Case 2 Demonstration Report	T5.6	AVAC	RWTH, BAUM	Report	RSE EDSO	M30	10.01.2022	31.01.2022	Feb 2022
D5.6	Use Case 3 and 4 Demonstration Report	T5.6	AVAC	RWTH, BAUM	Report	SIE APIO	M43	10.02.2024	29.02.2024	Mar 2024
D5.7	Final Report	T5.6	AVAC	RWTH, BAUM	Report	NTUA ENG	M48	10.07.2024	31.07.2024	Aug 2024

Table 14: Review plan for WP6.

Del.Nr.	Deliverable Name	Associated Task	Main Authors	Other Authors	Type	Reviewers	Due Date	First Draft Ready	Ready for Internal Review	Submission end of
D6.1	Report on the analysis of most relevant standards	T6.1	NTUA	RSE, ACEA, SIE, ARETI, HEDNO, ENG	Report	ESDO ACEA	M6	10.01.2020	31.01.2020	Feb 2020
D6.2	Report on standard guidelines for each demonstration	T6.2	NTUA	RSE, ACEA, SIE, ARETI, HEDNO, ENG	Report	SIE APIO	M12	10.07.2020	31.07.2020	Aug 2020
D6.3	Ex-ante qualitative evaluation	T6.2	NTUA	RSE, ACEA, SIE, ARETI, HEDNO, ENG	Report	RWTH BAUM	M18	10.01.2021	31.01.2021	Feb 2021
D6.4	Periodic report on lessons-learned (v1)	T6.2	NTUA	RSE, ACEA, SIE, ARETI, HEDNO, ENG	Report	ENG BAUM	M12	10.07.2020	31.07.2020	Aug 2020
D6.5	Periodic report on lessons-learned (v2)	T6.2	NTUA	RSE, ACEA, SIE, ARETI, HEDNO, ENG	Report	AVAC APIO	M24	10.07.2021	31.07.2021	Aug 2021
D6.6	Periodic report on lessons-learned (v3)	T6.2	NTUA	RSE, ACEA, SIE, ARETI, HEDNO, ENG	Report	BAUM RWTH	M36	10.07.2022	31.07.2022	Aug 2022
D6.7	Periodic report on lessons-learned (v4)	T6.2	NTUA	RSE, ACEA, SIE, ARETI, HEDNO, ENG	Report	SIE HEDNO	M48	10.07.2024	31.07.2024	Aug 2024
D6.8	Report on the analysis of the regulatory and legislative framework	T6.4	NTUA	RSE, ACEA, SIE, ARETI, HEDNO, ENG	Report	BAUM EDSO	M6	10.01.2020	31.01.2020	Feb 2020
D6.9	Report on solutions and recommendations for the roll-out of the designed solutions	T6.5	NTUA	RSE, ACEA, SIE, ARETI, HEDNO, ENG	Report	ARETI ENG	M12	10.07.2020	31.07.2020	Aug 2020
D6.10	Standardised grid models	T6.3	RSE	NTUA, ACEA, SIE, ARETI, HEDNO, ENG	Report	RWTH AVAC	M18	10.01.2021	31.01.2021	Feb 2021

Table 15: Review plan for WP7.

Del.Nr.	Deliverable Name	Associated Task	Main Authors	Other Authors	Type	Reviewers	Due Date	First Draft Ready	Ready for Internal Review	Submission end of
D7.1	Definition of data to be collected by the field to perform the analyses	T7.1	RSE	RWTH, SIE, ARETI, HEDNO, NTUA, BAUM, ENG	Report	ACEA SIE	M18	10.01.2021	31.01.2021	Feb 2021
D7.2	Methodology for SRA	T7.2	RSE	RWTH, SIE, ARETI, HEDNO, NTUA, BAUM, ENG	Report	APIO ARETI	M24	10.07.2021	31.07.2021	Aug 2021
D7.3	CBA methodology	T7.2	NTUA	RWTH, RSE, SIE, ARETI, HEDNO, BAUM, ENG	Report	HEDNO ACEA	M24	10.07.2021	31.07.2021	Aug 2021
D7.4	Results of CBA and SRA	T7.3	RWTH	NTUA, RSE, SIE, ARETI, HEDNO, BAUM, ENG	Report	RSE ENG	M48	10.07.2024	31.07.2024	Aug 2024
D7.5	Replicability at International level - application to Canada	T7.4	RSE	RWTH, SIE, ARETI, HEDNO, NTUA, BAUM, ENG	Report	ACEA ARETI	M48	10.07.2024	31.07.2024	Aug 2024
D7.6	Main findings and recommendations	T7.5	RWTH	NTUA, RSE, SIE, ARETI, HEDNO, BAUM, ENG	Report	ARETI ENG	M48	10.07.2024	31.07.2024	Aug 2024

Table 16: Review plan for WP8.

Del.Nr.	Deliverable Name	Associated Task	Main Authors	Other Authors	Type	Reviewers	Due Date	First Draft Ready	Ready for Internal Review	Submission end of
D8.1	Communication and Dissemination Plan (first draft)	T8.6	BAUM	RWTH, RSE, EDSO, ACEA, SIE, APIO, ARETI, HEDNO, NTUA, AVAC, ENG	Report	RWTH ENG	M3	14.11.2019	21.11.2019	Nov 2019
D8.2	Website with interactive community platform	T8.1	BAUM	RWTH, RSE, EDSO, ACEA, SIE, APIO, ARETI, HEDNO, NTUA, AVAC, ENG	Other	N/A	M3	14.11.2019	21.11.2019	Nov 2019
D8.3	High quality videos explaining the approaches in the 3 trials	T8.1	BAUM	RWTH, RSE, EDSO, ACEA, SIE, APIO, ARETI, HEDNO, NTUA, AVAC, ENG	Other	N/A	M24	10.07.2021	31.07.2021	Aug 2021
D8.4	Intermediate report on the stakeholders engagement, exploitation, dissemination, communication and standardization activities	T8.1	BAUM	RWTH, RSE, EDSO, ACEA, SIE, APIO, ARETI, HEDNO, NTUA, AVAC, ENG	Report	RSE NTUA	M24	10.07.2021	31.07.2021	Aug 2021
D8.5	Exploitation and Marketing Plan for the involvement of partners and future customers (v1)	T8.6	BAUM	RWTH, RSE, EDSO, ACEA, SIE, APIO, ARETI, HEDNO, NTUA, AVAC, ENG	Report	ARETI AVAC	M24	10.07.2021	31.07.2021	Aug 2021
D8.6	Summary of PlatOne contribution to Bridge WGs	T8.5	BAUM	RWTH, RSE, EDSO, ACEA, SIE, APIO, ARETI, HEDNO, NTUA, AVAC, ENG	Report	RWTH RSE	M48	10.07.2024	31.07.2024	Aug 2024
D8.7	Communication and Dissemination Plan (v1)	T8.3	BAUM	RWTH, RSE, EDSO, ACEA, SIE, APIO, ARETI, HEDNO, NTUA, AVAC, ENG	Report	SIE APIO	M15	10.10.2020	31.10.2020	Nov 2020
D8.8	Communication and Dissemination Plan (v2)	T8.3	BAUM	RWTH, RSE, EDSO, ACEA, SIE, APIO, ARETI, HEDNO, NTUA, AVAC, ENG	Report	HEDNO NTUA	M27	10.10.2021	31.10.2021	Nov 2021
D8.9	Communication and Dissemination Plan (v3)	T8.3	BAUM	RWTH, RSE, EDSO, ACEA, SIE, APIO, ARETI, HEDNO, NTUA, AVAC, ENG	Report	EDSO SIE	M36	10.07.2022	31.07.2022	Aug 2022
D8.10	Exploitation and Marketing Plan for the involvement of partners and future customers (v2)	T8.6	BAUM	RWTH, RSE, EDSO, ACEA, SIE, APIO, ARETI, HEDNO, NTUA, AVAC, ENG	Report	ACEA ARETI	M40	10.11.2022	30.11.2022	Dec 2022

Table 17: Review plan for WP9.

Del.Nr.	Deliverable Name	Associated Task	Main Authors	Other Authors	Type	Reviewers	Due Date	First Draft Ready	Ready for Internal Review	Submission end of
D9.1	Data Management Plan (initial release)	T9.2	RWTH	RSE, EDSO, ACEA, SIE, APIO, ARETI, HEDNO, NTUA, BAUM, AVAC, ENG	ORDP: Open Research Data Pilot	RSE EDSO	M6	10.01.2020	31.01.2020	Feb 2020
D9.2	Data Management Plan (final)	T9.2	RWTH	RSE, EDSO, ACEA, SIE, APIO, ARETI, HEDNO, NTUA, BAUM, AVAC, ENG	ORDP: Open Research Data Pilot	APIO HEDNO	M20	10.03.2021	31.03.2021	Apr 2021
D9.3	Project Management Plan Version 1	T9.2	RWTH	RSE, EDSO, ACEA, SIE, APIO, ARETI, HEDNO, NTUA, BAUM, AVAC, ENG	Report	NTUA BAUM	M2	16.10.2019	27.10.2019	Oct 2019
D9.4	Project Management Plan Version 2	T9.2	RWTH	RSE, EDSO, ACEA, SIE, APIO, ARETI, HEDNO, NTUA, BAUM, AVAC, ENG	Report	AVAC ENG	M18	10.01.2021	31.01.2021	Feb 2021
D9.5	Project Management Plan Version 3	T9.2	RWTH	RSE, EDSO, ACEA, SIE, APIO, ARETI, HEDNO, NTUA, BAUM, AVAC, ENG	Report	HEDNO NTUA	M30	10.01.2022	31.01.2022	Feb 2022

Table 18: Review plan for WP10.

Del.Nr.	Deliverable Name	Associated Task	Main Authors	Other Authors	Type	Reviewers	Due Date	First Draft Ready	Ready for Internal Review	Submission end of
D10.1	H - Requirement No. 1	T10.1	RWTH		Ethics	BAUM RSE	M4	10.11.2019	30.11.2019	Dec 2019
D10.2	POPD - Requirement No. 2	T10.2	RWTH		Ethics	EDSO BAUM	M6	10.01.2020	31.01.2020	Feb 2020

4. References

- [1] Grant Agreement No. 864300 – PLATONE

5. Conclusion

This deliverable presented the first version of the project management plan for PLATONE. Its submission is due in month 2 of the project. The focus of this deliverable was on the project implementation plan, and project management planning and reporting. The goal was to demonstrate that the PLATONE project is entirely under an effective technical coordination that guarantees the project flows in a coherent manner and the delivery of quality results in a timely manner.

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