reschool
Creation, growing and management
of energy communities

D7.6 – Project management plan (RP2)

Author(s):

Joaquim Meléndez (joaquim.melendez@udg.edu). Universitat de Girona

Roberto Petite (roberto.petite@udg.edu). Universitat de Girona

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Document history

Version	Date	Comments	Beneficiary	Author(s)
V0.1	6/05/2024	Initial draft version	UdG	Joaquim Meléndez(UdG), Roberto Petite(UdG)
V0.2	13/6/2024	1st completed version except Pilot implementation plans. Risks added as an annex	UdG	Joaquim Meléndez (UdG), Roberto Petite (UdG)
V0.3	27/6/2024	Pilots implementations plans included. Final version	UdG, Pilots	Alexandros Chronis (COEN) David Plomp (RES) Annie Albage, Josefin Danielsson (ELEC) Javier Muñoz (KMo)

Peer reviewed by

Partner	Reviewer
All	PTC members

Executive Summary

This deliverable D7.6- Project Management Plan (RP2) comprehends the management plan for the project Period 2 (M19-M30) and updates the previous D7.2 Project Management Plan (RP1). It includes the Gantt Chart of the active work packages and tasks in the second reporting period (RP2). It also includes the deliverables, milestones, and an update on the risks for the following project execution period, with special emphasis to the pilot deployments and the 1st iteration of validation activities within the RESCHOOL pilots.

This document also presents the planning and allocation of efforts for the period M19-M30, helping both task leaders (TL) and work package leaders (WPL) to understand the resources and planned contributions of every partner in the period.

This is the second of three deliverables (D7.2, **D7.6**. and D7.7) devoted to provide the basis for conducting the project management. D7.7 in M30 will address the final period of RESCHOOL (M31-M42).

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1   Introduction

1.1   Objectives

In M18 the amendment request concerning administrative and financial issues (see section 2.1) has been accepted by the European Commission and therefore the Grant Agreement has been updated accordingly. In any case, the document of action has not changed in terms of the description and timeline of the work packages and tasks that will be performed during the project implementation for this 2nd period M19-M30. Therefore, this deliverable does not intend to repeat or duplicate the information included in the DoA and will be referenced when needed.

The general objectives of this deliverable are:

- Ensure that the DoA is understood by all RESCHOOL partners establishing the expected progress, including deliverables submission and milestones achievement for the second project period of the project (M19-M30);
- Inform about the modifications included in the accepted amendment.
- Revise the interactions and dependencies among the different WPs and tasks running during this second period of the project.
- Ensure that both task leaders (TL) and work package leaders (WPL) understand the resources and planned contributions partners are allocating to each task. Foreseen effort of each partner for the individual tasks within this 2nd period is included in this document.
- Monitor status of foreseen risks and mitigation plans and emphasise the importance of an accurate follow up of them.

1.2   Contribution of partners

Table 1 Contribution of partners to this deliverable

Partner	Contribution
UdG	Deliverable owner, editor and main contributor
Pilots	Pilots deployment planning
All	Revision of interdependencies among WPs and tasks for this M19-M30 period. Revision and update of new potential unforeseen risks.

1.3   Report Structure

This deliverable is an update of the previous D7.2 Project Management Plan (RP1) and therefore it is structured in the same way. Apart from the general sections (Introduction, Conclusions and Acronyms), it contains the general overview of the 2nd period activities of the project in section 2, which presents the modifications requested in the accepted amendment. It also presents the active WPs, tasks, and expected deliverables and milestones achievement within M19-M30 period of the project. Interdependencies among work packages and tasks are updated, if needed, in section 3. Finally, pilots implementation plans and existing risks and mitigation activities are reviewed and updated in annex 1 and annex 2 respectively.

2 Overview of the 2ⁿᵈ period activities (M19-M30)

DoA is the reference and valid document for the execution of the RESCHOOL project. The following subsections include the information about the amendment request that has been formally accepted in the previous reporting period, the timeline of the active tasks in M19-M30, planned efforts, deliverables and milestones expected in this period. Special focus in the coming period will be the pilot deployment plans, illustrated in annex 2 and necessary to run the validation iterations in Wp4 in both RP2 and RP3.

2.1 Modifications to current DoA. Amendment request.

The amendment request concerning administrative and financial issues has been formally accepted in M18. These aspects will not affect to the project implementation in terms of technical activities, which will not suffer any change with respect to the initial Document of Action. This section simply includes (see Table 2) the changes that have been included in the Amendment request. All the procedure has been supervised and agreed with the Project Officer (PO).

Table 2 Updates of the DoA. Amendment accepted in M18

Change of the beneficiary NIESING HUGO by RESOURCEFULLY BV
Substitution of a beneficiary due to a change in the legal from that this beneficiary has adopted. This implies the termination of the current beneficiary NIESING HUGO and the addition of the new beneficiary RESOURCEFULLY BV. The Document of Action in terms of technical implementation is not affected since the new beneficiary has assumed all the tasks of the previous one from the very beginning of the project. WPs, deliverables and milestones schedule remains unaltered. The change does not imply any reallocation of effort or budget.
Modification of subcontracting by InnoHub (Open Remote)
The beneficiary InnoHub (Operational name in the project, Open Remote, OR) informed in the 1ˢᵗ interim report (M1-M6) about necessity to modify the distribution of its budget for subcontracting due to an unexpected extra work in the design and implementation of a new layer in the energy monitoring open platform "Open Remote". This has required a major subcontracting effort of the design architect, currently subcontracted. Global budget, WPs, deliverables and milestones schedule remain unaltered.

2.2 Gantt General view

Table 3 illustrates the 42 months RESCHOOL schedule (active tasks in this period M19-M30 in bold font). It provides the overall vision of the project work plan. This second period of the project has all the WPs active except WP1, which was finished in the previous reporting period.

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*Table 3 RESCHOOL schedule (in **bold**, period M19-M30 active tasks and workpackages)*

	Year 1												Year 2												Year 3												Year 4					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
WP1 Energy Communities in Context																																										
Task 1.1 Energy management framework...																																										
Task 1.2 Use Cases analysis and requirements																																										
Task 1.3 PILOT planning and expected impact																																										
Milestones										♦																																
Deliverables						▲				▲▲																																
WP2 Consumer and community engagement through gamification.																																										
Task 2.1 Intergenerational social drivers for community engagement...																																										
Task 2.2 Community engagement and awareness through gamification																																										
Task 2.3 Co-creation & co-design activities																																										
Task 2.4 RESCHOOL Collaborative Community Platform																																										
Milestones																				♦																						
Deliverables									▲		▲							▲		▲		▲																				
WP3 Energy management technologies for communities																																										
Task 3.1 Data driven architecture for energy community mana...																																										
Task 3.2 Energy management system for evolving energy communities																																										
Task 3.3 Technology for the aggregation of energy communities and participation in flexibility services																																										
Tast 3.4 Development of optimisation, forecasting and visualisation energy services according to use cases																																										
Task 3.5 Integration and interoperability																																										
Milestones																						♦																				
Deliverables											▲							▲				▲▲▲																				
WP4 Pilot deployment, adaptation and validation																																										
Task 4.1 Tech and non-tech deployment and iterative adaptation of energy management...																																										
Task 4.2 Engagement Campaigns																																										
Task 4.3 Validation of energy management and fl...																																										
Task 4.4 Social and ecosystem readiness level and acceptance of energy management solutions for energy communities																																										
Task 4.5 Roadmap for standardisation																																										
Milestones																									♦						♦									♦		
Deliverables																								▲▲																▲▲		▲
WP5 Economic sustainability of energy communities, exploitation and replication																																										
Task 5.1 Exploitation strategy of project results, incl. IPR strategy																																										
Task 5.2 Analysis of factors driving and preventing economi...																																										
Task 5.3 Framework conditions and advice on changes in....																																										
Tast 5.4 Replicability assessment and stakeholder engagement through lighthouse replicants																																										
Milestones																																								♦ ♦		
Deliverables																			▲						▲▲															▲		▲
WP 6 Communication, Dissemination & Networking																																										
Task 6.1 Communication, Dissemination, Exploitation, Replication & Networking strategy																																										
Task 6.2 Communication activities																																										
Task 6.3 Dissemination & stakeholder engagement																																										
Task 6.4 European collaboration and clustering																																										
Task 6.5 Cross-energy-community cooperation & replicability																																										
Milestones			♦																																							
Deliverables						▲																																		▲		▲
WP 7 Project Management																																										
Task 7.1 Implementation of an agile and responsive project management process and quality assurance.																																										
Task 7,2 RESCHOOL project administration: organisation of internal meetings, communication, and coordination of reporting to the EC																																										
Task 7.3 Social Innovation and Policy Advisory Group																																										
Task 7.4 Data Management Plan (DMP) and Gender Action Plan (GAP)																																										
Task 7.5 Ethics and DSNH principle detailed revision and monitoring																																										
Milestones										♦																																
Deliverables		▲				▲▲▲				▲								▲												▲												

2.3 Active tasks, deliverables and milestones in the 2nd Period of the project (M19-M30)

In total, 22 tasks will be active during Period 2. Technical work packages (Wp2 and WP3) will close within this period and efforts will be mainly allocated on WP4 tasks. Transversal WPs (WP5, Wp6 and WP7 will continue to run as scheduled). In total 11 deliverables and 3 milestones (MS2, MS3 and MS4) are due and will be reached between M19 and M30. Active tasks, deliverables and milestones in this 2nd project period are included in Table 4, Table 5 and Table 6 respectively.

Table 4 list tasks, leaders and timelines for this. *Table 5* includes the schedule of deliverables, their typology and status. *Table 6* reflects the attained progress of gamification tools (Wp2), integration of Energy management technologies (WP3) and pilots deployment and 1st iteration (Wp4) completed in this 2nd period of the project. *Table 6*. The table also details, for every milestone, the means of verification and associated deliverables where they will be reported.

Table 4 Active tasks in M19-M30

	WP	Leader	Start	End
WP2	**Consumer and community engagement through gamification**	**UU**	**M4**	**M22**
Task 2.2	Community engagement and awareness through gamification	UU	M4	M20
Task 2.4	Reschool collaborative community platform	LCLF	M6	M22
WP3	**Energy management technologies for communities**	**BBEN**	**M4**	**M22**
Task 3.3	Technology for the aggregation of energy communities and participation in flexibility services	BBEN	M4	M22
Task 3.4	Development of optimisation, forecasting and visualisation energy services according to use cases	CERTH	M4	M22
Task 3.5	Integration and interoperability	RISE	M13	M22
WP4	**Pilot deployment, adaptation and validation**	**RISE**	**M12**	**M42**
Task 4.1	Tech and non-tech deployment and iterative adaptation of energy management solutions for energy communities	RISE	M12	M30
Task 4.2	Engagement Campaigns	UiS	M18	M40
Task 4.3	Validation of energy management and flexibility services	BBEN	M18	M40
Task 4.4	Social and ecosystem readiness level and acceptance of energy management solutions for communities	RISE	M24	M42
WP5	**Economic sustainability of energy communities, exploitation and replication**	**EREF**	**M3**	**M42**
Task 5.1	Exploitation strategy of project results, incl. IPR strategy	EREF	M3	M42
Task 5.2	Analysis of factors driving and preventing economic sustainability of the pilot communities	EREF	M12	M20
Task 5.3	Framework conditions and advice on changes in regulation	EREF	M20	M26
Task 5.4	Replicability assessment and stakeholders engagement through lighthouse replicants	Kmo	M26	M40
WP6	**Communication, Dissemination & Networking**	**ESCI**	**M1**	**M42**
Task 6.2	Communication activities	ESCI	M1	M42
Task 6.3	Dissemination & stakeholder engagement	UdG	M3	M42
Task 6.4	European collaboration and clustering	ESCI	M6	M42
Task 6.5	Cross-energy-community cooperation & replicability	ESCI	M12	M42
WP7	**Project Management**	**UdG**	**M1**	**M42**
Task 7.1	Implementation of an agile and responsive project management process and quality assurance	UdG	M1	M42
Task 7.2	RESCHOOL project administration: organisation of internal meetings, communication, and coordination of reporting to the EC	UdG	M1	M42
Task 7.3	Social Innovation and Policy Advisory Group	UdG	M1	M42
Task 7.4	Data Management Plan (DMP) and Gender Action Plan (GAP)	UdG	M1	M42
Task 7.5	Ethics and DSNH principle detailed revision and monitoring	UdG	M1	M42

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Table 5 Schedule of deliverables, typology and status

	Deliverable Name	Lead	Type	Diss	M
D2.4	Final version of the user interface and serious game	UU	OTHER	PU	20
D2.5	RESCHOOL collaborative Community Platform	LCLF	OTHER	PU	22
D3.3	Flexibility and aggregation platform for energy communities	BBEN	OTHER	SEN	22
D3.4	Suite of services for visualisation and management of energy and flexibility management	CERTH	OTHER	SEN	22
D3.5	RESCHOOL integrated solution	RISE	OTHER	SEN	22
D4.1	Report on pilot performance and technology deployment. First Iteration	RISE	R	PU	26
D4.2	Report on engagement campaigns. First iteration	UiS	R	PU	26
D5.2	Report on Economic Sustainability of RESCHOOL Pilot Communities	EREF	R	SEN	20
D5.3	National reports (4x) on Evolving Regulatory Frameworks for the Market and System Integration of Energy Communities	EREF	R	PU	26
D5.4	Policy Advisory Paper on Changes required in National Regulation	EREF	R	PU	26
D7.7	Project Management Plan (RP3)	UdG	R	SEN	30

Table 6 Milestones to be achieved in M19-M30 period

Milestone no.	Milestone title	Related WP no.	Lead bene-ficiary	Due date from Annex I	Means of verification
MS2	Consumer and community engagement plan and gamification tools	Wp2	UU	M20	Delivery of D2.1,D2.2, D2.3&D2.4
MS3	Integration of the Energy Management technologies	Wp3,Wp2	BBEN	M22	Delivery of D2.5, D2.1, D3.3,D3.4&D3.5
MS4	Pilot Deployment and first interation completed	Wp4	RISE	M26	Delivery of D4.1 and D4.2

2.4 Expected efforts in M19-M30

Table 7 shows the linear effort distributions per work package and task planned for the period M19-M30. As for the previous M1-M18 period in D7.2, this table intends to help task leaders and work package leaders monitoring and understanding partners' resources and planned contributions allocated in each task.

Table 7 Planned effort (M19-M30)

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CONTRACT No:		Participant Acronym - Person-month per Workpackage and Task															
FUNDING SCHEME	IA		UdG	UiS	UU	BBEN	RISE	EREF	ESCI	kmo	RESF	ELEC	COEN	CERTH	OR (*)	AMS	DdG	LCLF
PERIODS	M19 to M30	TOTAL																
	01.07.2024 - 30.06.2025		P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	P15	P16
WP 2		**9,95**	**0,00**	**0,95**	**2,12**	**0,00**	**0,47**	**0,00**	**0,18**	**0,12**	**0,24**	**0,71**	**0,47**	**0,94**	**0,00**	**0,00**	**0,12**	**3,65**
Task 2.1		0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Task 2.2		2,38	0,00	0,08	1,88	0,00	0,00	0,00	0,06	0,00	0,00	0,00	0,00	0,24	0,00	0,00	0,00	0,12
Task 2.3		0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Task 2.4		7,58	0,00	0,87	0,24	0,00	0,47	0,00	0,12	0,12	0,24	0,71	0,47	0,71	0,00	0,00	0,12	3,53
WP 3		**22,48**	**2,48**	**0,00**	**1,87**	**7,03**	**3,05**	**0,00**	**0,00**	**0,21**	**0,42**	**0,42**	**0,21**	**2,91**	**1,47**	**0,00**	**0,00**	**2,40**
Task 3.1		0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Task 3.2		0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Task 3.3		6,53	0,00	0,00	0,42	3,79	0,63	0,00	0,00	0,21	0,21	0,42	0,21	0,21	0,42	0,00	0,00	0,00
Task 3.4		7,16	1,68	0,00	1,05	0,84	0,42	0,00	0,00	0,00	0,21	0,00	0,00	1,89	1,05	0,00	0,00	0,00
Task 3.5		8,80	0,80	0,00	0,40	2,40	2,00	0,00	0,00	0,00	0,00	0,00	0,00	0,80	0,00	0,00	0,00	2,40
WP 4		**87,80**	**8,26**	**7,04**	**4,09**	**11,92**	**13,71**	**0,74**	**1,57**	**7,35**	**7,65**	**4,98**	**4,30**	**5,35**	**2,65**	**2,86**	**4,13**	**1,21**
Task 4.1		26,15	1,26	0,88	1,26	2,53	6,32	0,00	0,00	2,53	1,26	1,26	1,26	3,79	1,58	0,63	0,63	0,95
Task 4.2		18,52	1,04	4,17	1,04	0,00	1,04	0,00	1,57	0,52	2,09	2,09	1,04	0,00	0,00	1,04	2,61	0,26
Task 4.3		26,30	5,22	0,99	1,04	9,39	1,57	0,00	0,00	2,09	2,09	0,52	0,52	1,57	0,52	0,26	0,52	0,00
Task 4.4		10,17	0,37	0,77	0,74	0,00	3,32	0,00	0,00	1,11	1,11	0,74	0,74	0,00	0,37	0,74	0,18	0,00
Task 4.5		6,67	0,37	0,22	0,00	0,00	1,47	0,74	0,00	1,11	1,11	0,37	0,74	0,00	0,18	0,18	0,18	0,00
WP 5		**25,45**	**0,59**	**0,67**	**1,19**	**1,30**	**0,60**	**7,98**	**0,00**	**3,74**	**2,27**	**0,91**	**0,87**	**0,59**	**1,58**	**0,93**	**1,91**	**0,32**
Task 5.1		4,95	0,15	0,00	0,30	0,30	0,60	1,20	0,00	0,30	0,60	0,30	0,15	0,15	0,30	0,15	0,30	0,15
Task 5.2		3,33	0,11	0,00	0,22	0,00	0,00	1,11	0,00	0,44	0,67	0,11	0,22	0,11	0,11	0,11	0,11	0,00
Task 5.3		12,00	0,00	0,00	0,50	1,00	0,00	5,00	0,00	2,00	1,00	0,50	0,50	0,00	0,50	0,50	0,50	0,00
Task 5.4		5,17	0,33	0,67	0,17	0,00	0,00	0,67	0,00	1,00	0,00	0,00	0,00	0,33	0,67	0,17	1,00	0,17
WP 6		**19,67**	**1,70**	**0,61**	**0,29**	**0,52**	**0,52**	**1,19**	**6,43**	**1,15**	**0,94**	**0,94**	**1,19**	**0,61**	**1,04**	**1,17**	**0,98**	**0,39**
Task 6.1		0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Task 6.2		6,80	0,14	0,14	0,14	0,11	0,11	0,14	4,00	0,14	0,29	0,29	0,14	0,14	0,14	0,57	0,29	0,00
Task 6.3		4,74	1,20	0,15	0,15	0,12	0,12	0,30	0,30	0,30	0,30	0,30	0,30	0,30	0,15	0,60	0,15	0,00
Task 6.4		3,02	0,16	0,16	0,00	0,13	0,13	0,16	0,97	0,32	0,16	0,16	0,16	0,16	0,16	0,00	0,16	0,00
Task 6.5		5,11	0,19	0,15	0,00	0,15	0,15	0,58	1,16	0,39	0,19	0,19	0,58	0,00	0,58	0,00	0,39	0,39
WP 7		**16,57**	**9,43**	**0,57**	**0,57**	**0,57**	**0,57**	**0,57**	**0,57**	**0,57**	**0,57**	**0,57**	**0,57**	**0,29**	**0,29**	**0,29**	**0,29**	**0,29**
Task 7.1		1,87	0,86	0,06	0,11	0,11	0,11	0,07	0,03	0,11	0,11	0,03	0,11	0,03	0,03	0,03	0,03	0,03
Task 7.2		8,47	5,71	0,06	0,11	0,11	0,11	0,36	0,43	0,14	0,11	0,29	0,11	0,17	0,17	0,17	0,17	0,23
Task 7.3		2,39	1,14	0,11	0,11	0,11	0,11	0,14	0,06	0,14	0,11	0,09	0,11	0,03	0,03	0,03	0,03	0,01
Task 7.4		1,98	0,86	0,14	0,11	0,11	0,11	0,00	0,06	0,14	0,11	0,09	0,11	0,03	0,03	0,03	0,03	0,01
Task 7.5		1,86	0,86	0,20	0,11	0,11	0,11	0,00	0,00	0,03	0,11	0,09	0,11	0,03	0,03	0,03	0,03	0,01
Planned M1-M18		181,93	22,47	9,85	10,13	21,34	18,93	10,47	8,75	13,14	12,08	8,53	7,61	10,69	7,03	5,24	7,43	8,24
Total project		667,7(*)	92	40	50	70	70	31	31	41	40	32	28	46	29.7(*)[1]	16	21	30

2.5   Pilots implementation plans

The pilot implementation plans are internally monitored in a live document including general information about the pilots and the necessary actions and prerequisites (components, hardware and software deployments, etc.) needed to execute and validate the different high level use cases (HLUCs). Annex 1 includes the action points planned for the period M19-M30 for every pilot in RESCHOOL.

3   Tasks dependencies during the 2nd project period

All WPs and task dependencies already described in D7.2 are still valid for this second period and therefore no changes need be reported in this document.

4   Risk Management and mitigation measures

Annex 2 includes an updated revision of the critical risks and mitigations actions, considering both foreseen and unforeseen risks in the DoA.

5   Conclusions

This deliverable has presented the Period 2 (M19-M30) project management plan for RESCHOOL project. All work packages except WP1 will be active in this 2nd Period. 22 tasks will be active, 11 deliverables will be submitted and 3 milestones are expected to be achieved. This document also presents the resources planned at task level, the project chronogram and new risks that have been identified. No updates on existing dependencies among the different WPs and tasks have been detected. Pilot deployment plans have been also included. This plan will be revised and updated in the deliverable D7.7 Project Management Plan (RP3).

6   Acronyms and abbreviations

Table 8 Deliverable Acronyms

DoA	Document of Action
HLUC	High Level Use Case
TL	Task Leader
PTC	Project Technical Committee
PC	Project Coordinator
PO	Project Officer
RP	Reporting Period
WP	Work Package
WPL	Work Package Leader

Annex 1: Pilot Implementation Plans

This annex includes the action points and gannt chart about the necessary actions and prerequisites to execute and validate the different high level use cases (HLUCs) in the Pilots of Girona, Amsterdam, Athens and Stockhom.

Pilot	GIRONA

Tech infrastructure adaptation and deployment: making data accesible and assets operable

Task Id	Tasks title /description	Dependencies (requires, interacts, ... With T#)	HLUCs impact	Responsible partner	Involved partners	Status	Starts	Ends	Observations
T.1.1	Provide an API to share data from ECMP (Sentinel) to EMS (Bamboo)		HLUC00-05	BBEN	KM0	Done	01/09/2023	01/10/2023	Testing the data adquisition
T.1.2.	Install new 50 Smart meters in specific users		HLUC00-05	DdGi	KM0, BBEN	on going	01/05/2024	31/07/2024	Budget suggested by DdGi and ordering process 25 already installed on munic
T.1.3.	Identification of the flexible loads of every EC member	after T.1.2	HLUC00-05	DdGi and KM0		on going	01/05/2024	31/07/2024	
T.1.4.	Connect SMs to the current ECMP (Sentinel) through API	after T.1.2 and paral·lel to T.1.5.	HLUC00-05	KM0	BBEN	on going	01/06/2024	31/07/2024	
T.1.5.	ConnecT SMs to the current EMS (Bamboo) through API	after T.1.2 and paral·lel to T.1.4.	HLUC00-05	BBEN	KM0	on going	01/06/2024	31/07/2024	For testing, Bamboo will connect directly to the SMs platform
T.1.6.	Demand flexibility test to provide services to the system	after T.1.5	HLUC01,03,04,05	BBEN	KM0	not started	01/09/2024	31/10/2024	
T.1.7.	Analysis of tests results	after T.1.6.	HLUC01,03,04,05	BBEN	KM0	not started	01/11/2024	28/02/2025	
T.1.8.	Implementation definitive demand flexibility services	after T.1.7.	HLUC01,03,04,05	BBEN	KM0	not started	01/02/2025	30/06/2026	
T.2.1	Acquire all technical characterics from the EV charger of La Cellera		HLUC00-05	KM0		Done	01/12/2023	30/04/2024	In the beggining 3 now 1
T.2.2.	Acquisition of the communication protocol		HLUC00-05	KM0		on going	30/04/2024	30/06/2024	
T.2.3.	Integrate the EV manager	after T2.2	HLUC00-05	DdGi	KM0	Not started	01/06/2024	31/07/2024	To measure all the consumption data
T.2.4.	Integrate the EV manager to ECMP	after T2.3	HLUC00-05	KM0		Not started	01/08/2024	30/09/2024	
T.2.5.	Demand flexibility test with action capacity on EV chargers	after T.2.4.	HLUC01,04,05	KM0	BBEN	Not started	01/10/2024	31/01/2025	
T.2.6.	Analysis of tests results	after T.2.5.	HLUC01,04,05	KM0	BBEN	Not started	01/02/2025	31/05/2025	
T.2.7.	Implementation definitive demand flexibility on EV chargers services	after T.2.6.	HLUC01,04,05	BBEN	KM1	Not started	31/05/2025	30/06/2026	Implementation in the EMS definitive services for EC
T.3.1.	Install the batteries for energy storage in Cornellà del Terri		HLUC00-05	KM0	DdGi	Not started	01/07/2024	30/09/2024	To be defined the real capacity installed and just in Cornellà
T.3.2.	Integrate the BMS data to ECMP	after T.3.1. and paral·lel to T.3.3.	HLUC00-05	KM0		Not started	01/10/2024	31/10/2024	
T.3.3.	Integrate the BMS to EMS	after T.3.1. and paral·lel to T.3.2.	HLUC00-05	BBEN	KM0	Not started	01/10/2024	31/12/2024	
T.3.4.	Demand flexibility test with action capacity on batteries	after T.3.3.	HLUC01,02,04,05	BBEN	KM0	Not started	01/01/2025	31/03/2025	
T.3.5.	Analysis of tests results	after T.3.4.	HLUC01,02,04,05	BBEN	KM0	Not started	01/04/2025	30/06/2025	
T.3.6.	Implementation definitive demand flexibility on batteries chargers services	after T.3.5.	HLUC01,02,04,05	BBEN	KM0	Not started	30/06/2025	30/06/2026	Implementation in the EMS definitive services for EC
T.4.1.	Integrate the grid data from DSO ElectroAvellana to EMS		HLUC00-05	KM0	DdGi	Not started	01/09/2024	30/11/2024	To be defined if the DSO ElectroAvellana will allow the data adquisition. Doubt
T.4.2.	Testing actions to manage congestion in the distribution network	after T.4.1.	HLUC04	BBEN	KM0	Not started	01/01/2025	30/04/2025	
T.4.3.	Analysis of tests results	after T.4.2.	HLUC04	BBEN	KM0	Not started	01/05/2025	31/07/2025	
T.4.4.	Implementation definitive managing congestion in the distribution network	after T.4.3.	HLUC04	BBEN	KM0	Not started	31/07/2025	30/06/2026	
T.5.1.	Participation in energy markets test			BBEN	KM0	Not started	01/09/2024	31/10/2024	Testing the savings and benefits of participating in energy markets
T.5.2.	Analysis of tests results	after T.5.1.		BBEN	KM0	Not started	01/11/2024	28/02/2025	
T.5.3.	Implementation definitive participation in energy markets	after T.5.2.		BBEN	KM0	Not started	01/02/2025	30/06/2026	

SSH activities - To be defined by UdG and DdGi

Task Id	Tasks title /description		HLUCs impact	Responsible	Involved	Status	Starts	Ends	Observations
S1.1	GetConsent form sigend (Energy Comm involved partners)		HLUC06-10			Done	01/05/2023	01/07/2023	30 already signed
S2.1	Involve Schools: explain project and schedule a plan		HLUC07	UdG	UdG	On going	06/01/2023	15/11/2023	
S3.1	Design and Creation of a Teaching unit to promote intergenerational learning		HLUC07	UdG	DdGi	Done	9/1/2023	9/30/2023	
S3.2	Training session with participating schools		HLUC07	UdG	DdGi	Done	10/01/2023	12/01/2023	
S3.3	Implementation of the Teaching Unit in the participating Schools		HLUC07	UdG	DdGi	Done	12/01/2023	12/30/2023	
S3.4	Qualitative interviews with families		HLUC07	UdG	DdGi	Done	01/06/2024	31/12/2024	
S3.5	Phase 2. New schools, new families		HLUC07	UdG	DdGi	Done	12/01/2023	30/06/2026	
S3.6	Data collection and data analysis		HLUC07	UdG	DdGi	On going	02/01/2024	06/30/2026	
S3.7	Feedback session with schools and communication for future activities.		HLUC07	UdG	DdGi	On going			

Exploitation and Communication - To be defined by DdGi and KMo

Task Id	Tasks title /description		HLUCs impact	Responsible	Involved	Status	Starts	Ends	Observations
E1	Communication plan		HLUC06	DdG	KM0, ESCI	on going	01/08/2023	30/06/2026	Provide info, create articles, vlogs...
E1.1	Provide documentation first vlog/blog			DdG	KM0, ESCI	on going	01/08/2023	30/09/2023	
E1.2	Revise KERs			ALL	KM0	on going			
E1.1	Revise regulation and roadmpas to assess impact		HLUC11	DdG/Km0	EREF	not started	01/10/2023	31/12/2023	

Gantt

Task Id	Tasks title /description

TECH

T.1.1	Provide an API to share data from ECMP (Sentinel) to EMS (Bamboo)
T.1.2.	Install new 83 of the 108 Smart meters in specific users
T.1.3.	Identification of the flexible loads of every EC member
T.1.4.	Connect SMs to the current ECMP (Sentinel) through API
T.1.5.	ConnecT SMs to the current EMS (Bamboo) through API
T.1.6.	Demand flexibility test to provide services to the system
T.1.7.	Analysis of tests results
T.1.8.	Implementation definitive demand flexibility services
T.2.1	Acquire all technical characterics from the 3 EV chargers of La Cellera
T.2.1	Install 3 Smart meters
T.2.2.	Integrate the EV manager
T.2.3.	Demand flexibility test with action capacity on EV chargers
T.2.5.	Analysis of tests results
T.2.6.	Implementation definitive demand flexibility on EV chargers services
T.2.7.	
T.3.1.	Install the batteries for energy storage in each municipality
T.3.2.	Integrate the BMS data to ECMP
T.3.3.	Integrate the BMS to EMS
T.3.4.	Demand flexibility test with action capacity on batteries
T.3.5.	Analysis of tests results
T.3.6.	Implementation definitive demand flexibility on batteries chargers services
T.4.1.	Integrate the grid data from DSO ElectroAvellana to EMS
T.4.2.	Testing actions to manage congestion in the distribution network
T.4.3.	Analysis of tests results
T.4.4.	Implementation definitive managing congestion in the distribution network
T.5.1.	Participation in energy markets test
T.5.2.	Analysis of tests results
T.5.3.	Implementation definitive participation in energy markets

SSH

S1.1	GetConsent form sigend (Energy Comm involved partners)
S2.1	Involve Schools: explain project and schedule a plan
S3.1	Design and Creation of a Teaching unit to promote intergenerational learning
S3.2	Training session with participating schools
S3.3	Implementation of the Teaching Unit in the participating Schools
S3.4	Qualitative interviews with families
S3.5	Phase 2. New schools, new families
S3.6	Data collection and data analysis
S3.7	Feedback session with schools and communication for future activities.

E&C

E1	Communication plan
E1.1	Provide documentation first vlog/blog
E1.2	Revise KERs
E1.1	Revise regulation and roadmpas to assess impact

Gantt timeline columns: 01/06/2024, 01/07/2024, 01/08/2024, 01/09/2024, 01/10/2024, 01/11/2024, 01/12/2024, 01/01/2025, 01/02/2025, 01/03/2025, 01/04/2025, 01/05/2025, 01/06/2025

Task Id	Tasks title /description	Dependencies (requires, interacts, ... With T#)	HLUCs impact	Responsible partner	Involved partners	Status	Starts	Ends	Observations
	Tech infrastructure adaptation and deployment: making data accesible and assets operable								
T.1.1	Installation and electrification of PV system		HLUC0-2, 8-11	COEN		Completed	01/02/2023	15/02/2024	Electrified during February 2024
T.1.2	Procurement of smart meters		HLUC0-2, 8-11	COEN		on going	01/07/2023	31/01/2024	Still ongoing. First batch installed
T.1.3	Procurement of IoT		HLUC0-2, 8-11	COEN		on going	01/07/2023	31/01/2024	Ongoing. Will be delayed
T.2.1	Integration of ECM platform	T.1.1-3	HLUC0-2, 8-11	COEN		Started (delayed)	01/04/2024	30/09/2024	Potential Delay (risk monitoring)
T.2.2	Integration of EMS	T.1.1-3	HLUC0-2, 8-11	COEN		Started (delayed)	01/04/2024	30/09/2024	Potential Delay (risk monitoring)
T.2.3	Integrate assets to EMS	T.1.1-3, T.2.2.	HLUC0-2, 8-11	COEN		Started (delayed)	01/04/2024	30/09/2024	Will be partially completed. Some assets won't be ready
T.2.4	Integration of Localife platform	T.1.1-3, T.2.2., T.2.3	HLUC0-2, 8-11	COEN	LCLF	not started	01/07/2024	31/12/2024	Potential Delay (risk monitoring)
T.3.1	Provides an API to share data with other platforms	T.2.2.	HLUC0-2, 8-11	COEN	LCLF, OR, UU, CERTH	not started	01/06/2024	31/10/2024	Potential Delay (risk monitoring)
T.3.2	Demonstration of energy management and flexibility services	T.2.2, T.2.3., T.3.1.	HLUC0-2, 8-11	(To be confirmed)	BBEN LCLF, OR, others to be considered	not started	01/09/2024	30/09/2025	
	SSH activities								
S1.1	Get consent form signed (COEN members)	HLUC07-10	COEN		on going	01/07/2023	30/09/2024	Consent forms updated by a lawyer. Signatures pending
S2.1	Identify schools	HLUC07	COEN	UdG	on going	01/06/2024	30/09/2024	Partially. Only 1 school so far
S2.2	Involve Schools: explain project and schedule a plan	HLUC07	COEN	UdG	Partially completed	01/01/2024	31/12/2024	
S3.2	Identify vulnerable households	HLUC06	COEN		Completed	01/07/2023	31/10/2023	Already included in CSC
S3.4	Sign memorandum with the municipality regarding the vulnerables	HLUC06	COEN		Completed		28/02/2024	Moschato-Tavros
S4.1	Enagement campaigns	HLUC07-10	COEN		not started	01/07/2024	30/09/2025	
	Exploitation and Communication								
E1.1	Communication planning (blogs, videos, posts, material)	HLUC08, 09, 11	COEN		on going	01/07/2023	31/12/2023	On track
E1.2	Revise KERs	ALL	COEN		completed		31/12/2023	
E2.1	Revise regulation and roadmaps to assess impact	HLUC11	COEN	Any partner interested	Started	01/10/2023	30/11/2024	

Gantt

Task Id	Tasks title /description	30/06/2024	31/07/2024	31/08/2024	30/09/2024	31/10/2024	30/11/2024	31/12/2024	31/01/2025	28/02/2025	31/03/2025	30/04/2025	31/05/2025	30/06/2025	31/07/2025	31/08/2025	30/09/2025
	TECH																
T.1.1	Installation and electrification of PV system																
T.1.2	Procurement of smart meters																
T.1.3	Procurement of IoT																
T.2.1	Provides an API to share data with other platforms	█	█														
T.2.2	Integration of EMS	█	█														
T.2.3	Integrate assets to EMS	█	█	█													
T.3.1	Provides an API to share data with other platforms	█	█														
T.3.2	Demonstration of energy management and flexibi			█	█	█	█	█	█	█	█	█	█	█	█	█	█
	SSH																
S1.1	Get consent form signed (COEN members)	█	█														
S2.1	Identify schools																
S2.2	Involve Schools: explain project and schedule a pla	█	█	█	█	█	█	█									
S3.2	Identify vulnerable households																
S3.4	Sign memorandum with the municipality regardin																
S4.1	Enagement campaigns	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
	E&C																
E1.1	Communication planning (blogs, videos, posts, ma	█															
E1.2	Revise KERs	█	█	█													
E2.1	Revise regulation and roadmaps to assess impact	█	█	█													

Pilot	STOCKHOLM

Task Id	Tasks title /description	Dependencies (requires, interacts, … With T#)	HLUCs impact	Responsible partner	Involved partners	Status	Starts	Ends	Observations
Tech infrastructure adaptation and deployment: making data accesible and assets operable
1	Development of marketplace platform (Brikks)		HLUC1, HLUC3	ELEC		ongoing	1/9/2023	31/12/2024	Continuous development of the platform
2	Integration of marketplace platform with current BMS		HLUC0, HLUC1, HLUC3	ELEC		ongoing	1/12/2023	30/9/2024	
3	Development of LocalLife app (backend, frontend)		HLUC0, HLUC8, HLUC9	ELEC		ongoing	1/9/2023	31/12/2024	prototype to be ready soon
4	Test of the LocalLife app with users (members of the Energy Community)		HLUC9	ELEC		ongoing	1/6/2024	30/9/2024	
5	Integration of LocalLife app with marketplace platform through an API		HLUC0, HLUC9	ELEC		ongoing	1/12/2023	31/10/2024	
6	Installation of tech needed for the technical aggregator (if necessary)		HLUC0, HLUC1, HLUC2	ELEC		ongoing	1/2/2024	31/8/2024	
7	Installation of batteries (individual or shared storage)		HLUC2, HLUC3	ELEC		finished	1/1/2024	31/3/2024	
8	Participation in local flex market and/or ancillary services (by steering/managment of heat pumps for example)		HLUC1, HLUC3, HLUC5	ELEC		ongoing	1/3/2024	30/6/2024	Batteries are participating in TSO ancillary services.
9	Data collection (historical) manually from members (housing associations) of the energy community		HLUC0	ELEC		ongoing	1/8/2024	30/6/2026	
10	Analysis of results		ALL	ELEC		not started	1/6/2024	30/6/2026	
11	Development of dynimic energy declarations 1.0		HLUC9	ELEC		ongoing	1/1/2024	30/6/2026	
SSH activities
S1	Get consent forms signed (members in the energy community)		HLUC06-10			finished	12/9/2023	15/10/2023	All members have signed consents forms
S2	Involve Schools: explain project and see if they want to participate		HLUC07			finished	1/6/2023	29/2/2024	Two schools interested
S3	Intergenerational learning activities in schools		HLUC07			finished	1/5/2024	31/5/2024	Two schools participated
S4	Workshops with members of the energy community with the aim to evaluate and improve the LocalLife app		HLUC09			ongoing	15/1/2024	31/8/2024	Multiple workshops with members of the energy community and LocalLife
S5	Gamification and integenerational learning activities		HLUC09			not started	01/01/2025	30/6/2026	
S6	Analysis of resuts		ALL			not started	1/7/2024	30/6/2026	
Exploitation and Communication
1	Communication material about the pilot(Vlog, blog, posts, etc)		HLUC08, HLUC09, HLUC11			ongoing	18/8/2023	30/6/2026	Two vlogs and a blog post are posted. Next communication material is under planning
2	Information about the project on ElectriCITY's website					ongoing	1/6/2023	30/6/2026	Started planing
3	Posts on social media (Linkedin, Instagram)					ongoing	1/6/2023	30/6/2026	Continous activity throughout the project
4	Meetings with citizens in the city district					ongoing	1/6/2023	30/6/2026	Continous activity throughout the project
5	Meetings/presentations with different stakeholders					ongoing	1/6/2023	30/6/2026	Continous activity throughout the project

Gantt	

Task Id	Tasks title /description	30/06/2024	31/07/2024	31/08/2024	30/09/2024	31/10/2024	31/11/2024	31/12/2024	31/01/2025	28/02/2025	31/03/2025	30/04/2025	31/05/2025	30/06/2025
TECH
1	Development of marketplace platform (Brikks)													
2	Integration of marketplace platform with current BMS													
3	Development of LocalLife app (backend, frontend)													
4	Test of the LocalLife app with users (members of the Energy Community)													
5	Integration of LocalLife app with marketplace platform through an API													
6	Installation of tech needed for the technical aggregator (if necessary)													
7	Installation of batteries (individual or shared storage)													
8	Participation in local flex market and/or ancillary services (by steering/managment of heat pumps for example)													
9	Data collection (historical) manually from members (housing associations) of the energy community													
10	Analysis of results													
11	Development of dynimic energy declarations 1.0													
SSH
S1	Get consent forms signed (members in the energy community)													
S2	Involve Schools: explain project and see if they want to participate													
S3	Intergenerational learning activities in schools													
S4	Workshops with members of the energy community with the aim to evaluate and improve the LocalLife app													
S5	Gamification and integenerational learning activities													
S6	Analysis of results													
E&C
1	Communication material about the pilot(Vlog, blog, posts, etc)													
2	Information about the project on ElectriCITY's website													
3	Posts on social media (Linkedin, Instagram)													
4	Meetings with citizens in the city district													
5	Meetings/presentations with different stakeholders													

Pilot	AMSTERDAM

Task Id	Tasks title /description	Dependencies (requires, interacts, ... With T#)	HLUCs impact	Responsi ble partner	Involved partners	Status	Starts	Ends	Observations
Tech infrastructure adaptation and deployment: making data accesible and assets operable									
T.1.1	Install new 25 Smart meters in specific users			RES		Done	01/10/2023	01/11/2023	already ordered
T.1.2	Install comm adaptor to 50 users	in parallel T.1.1	HLUC00-05	RES	OR	on going	01/05/2023	15/11/2025	10 already installed
T.1.3	Connect SMs to the current EMS (System test)	after T.1.2		OR	RES	Done	01/05/2023	01/01/2024	
T.1.4	Provides an API to share data with other platforms	in parallel T.1.3		OR	OR	Done	01/11/2023	15/11/2023	PK: already used by UdG and COEN
T2	Data collection and monitoring			OR	RES	on going	01/01/2024	01/01/2025	
T3	Power demand management			RES		Ongoing	04/01/2024	06/06/2026	Households that have the Ourgrid ap
SSH activities									
S1	GetConsent form sigend (Energy Comm involved partners)		HLUC06-10			Done	01/05/2023	01/07/2023	30 already signed, now integrated in
S2	Involve Schools: exaplan project and schedule a plan		HLUC07	RES	UdG	not started	01/01/2025	31/12/2025	Two already contacted
S3	Project plan and stakeholder analysis			RES	OR	Done	01/10/2023	01/01/2024	
S4	Recruitment of household participants			RES		on going	01/10/2023	01/07/2024	87 participants already
S5	Cooperation agreement between partners			RES		Done	01/01/2024	01/04/2024	In project plan
S6	Establishment of the Energy Cooperative			RES		on going	01/01/2025	01/04/2025	
Exploitation and Communication									
E1.1	Define privat-public initiatives to accelerate EC		HLUC06	RES	AMS	on going	01/10/2023	30/06/2026	
E1.2	Revise KERs		ALL	RES		on going	01/10/2023	30/06/2024	
E1.1	Revise regulation and roadmpas to assess impact		HLUC11	AMS	EREF	Done	01/10/2023	31/12/2023	
E2	Presentation first results			RES	OR	not started	01/10/2024	01/01/2025	

Gantt	

Task Id	Tasks title /description	01/06/2024	01/07/2024	01/08/2024	01/09/2024	01/10/2024	01/11/2024	01/12/2024	01/01/2025	01/02/2025	01/03/2025	01/04/2025	01/05/2025	01/06/2025
TECH														
T.1.1	Install new 25 Smart meters in specific users													
T.1.2	Install comm adaptor to 50 users													
T.1.3	Connect SMs to the current EMS (System test)													
T.1.4	Provides an API to share data with other platforms													
T2	Data collection and monitoring													
T3	Power demand management													
SSH														
S1	GetConsent form sigend (Energy Comm involved partners)													
S2	Involve Schools: exaplan project and schedule a plan													
S3	Project plan and stakeholder analysis													
S4	Recruitment of household participants													
S5	Cooperation agreement between partners													
S6	Establishment of the Energy Cooperative													
E&C														
E1.1	Define privat-public initiatives to accelerate EC													
E1.2	Revise KERs													
E1.1	Revise regulation and roadmpas to assess impact													
E2	Presentation first results													

Annex 2: Risks Update in period M19-M30

Risk assessment is a live process across RESCHOOL execution. This annex contains the status of the critical risk for the period M19-M30.

Annex 2: Risks Update in period M19-M30

Risk No.	WP	Risk	Mitigation Plans	Date Opened	DoA	Ocurred?	Owner	Probability (1,3,5)	Impact (1,3,5)	Overall (autocalculated)	State (Open/Closed)
1	WP1	Multidisciplinarity may lead to disciplines working in separately	WP leaders must ensure frequent communication within the Technical Groups. The Project coordinator and manager establish procedures for multi-disciplinary working conditions.	01/01/2023	YES	NO	UiS	1	1	1	Closed
2	WP3	Incompatibility between the serious game app and the overall ICT platform	Technical specification of compatibility requirements between parts of the system will be defined at the beginning of the project, and there are regular meetings.	01/01/2023	YES	NO	BBEN	3	3	9	Open
3	Wp2	Delayed development of serious game App	The modular development of the ICT tools will ensure, that all the modules will be tested and the effect of the user interface will be pre-validated.	01/01/2023	YES	NO	UU	3	3	9	Open
4	Wp2	Game aspects are not accepted by the users	Inclusive game design (co-design) and corresponding agile development process continuously reacts to findings from user feedback evaluations (co-creation).	01/01/2023	YES	NO	UU	3	3	9	Open
5	Wp4	Lack of access to data	Continuous dialog with pilot partners makes an initial cooperation plan, investigate legal berries early in the project initial phase to make strategies how to overcome possible hurdles related to data sharing.	01/01/2023	YES	NO	RISE	3	3	9	Open
6	Wp5	A lack of clarity and incentives in business models reducing the drive forward in the project	As part of WP5, setup an early hypothesis of a business model for each Business Use Case, on a per-pilot basis and give the partners the task to validate their business model.	01/01/2023	YES	NO	EREF	3	3	9	Open
7	Wp6	Lack of stakeholders' engagement and low interest in RESCHOOL framework	Continuous monitoring KPIs. Analysis of reasons to understand pitfalls. More targeted C&D actions with each target group in line with their needs.	01/01/2023	YES	NO	ESCI	3	3	9	Open
8	WP7	Lack of collaboration from relevant partners/stakeholders	Actions will be taken to ensure that fruitful dialogue is maintained with the relevant partners and key stakeholder groups at the regional and local levels.	01/01/2023	YES	NO	UdG	3	3	9	Open
9	WP7	Partners run out of budget due to changes or over expenditure	Partners will review their expenditure on a six-monthly basis to identify potential deviations. The Project Coordinator (PC) will support partners with modifications if needed.	01/01/2023	YES	NO	UdG	1	3	3	Open
10	Wp7	Delays on deliverables and results not meeting project objectives	Coordination and management structures have established mechanisms to react against delays. A project management handbook will be issued early. Regular technical meetings will be held to ensure that the activities are streamlined, and lessons learnt are shared.	01/01/2023	YES	NO	UdG	1	3	3	Open

#	WP	Risk	Mitigation measures	Date			Entity				Status
11	WP7	Critical changes on the project's planed execution	Project's MS, deliverable list, consortium structure and management entities have been carefully designed to dynamically adapt to penitential scheduling and technical mishaps without endangering the project's scope and its outputs. Regular progress meetings will be held to ensure that activities are streamlined and that lessons learnt are shared.	01/01/2023	YES	NO	UdG	3	3	9	Open
12	WP7	A partner leaves the project or underperforms technically or financially	Two options will be considered: a) substitution of the Partner with a similar profile; b) reallocation of resources and tasks among the Partners to assume the leaving partner responsibilities	01/01/2023	YES	NO	UdG	1	3	3	Open
13	Wp7	A situation like COVID-19 pandemic affecting day- to-day operations and managements tasks	The emergency state that has arisen in 2020 has demonstrated the importance and usefulness of digital tools to guarantee the safety and health of people. The coordinator as well as the rest of the consortium have in their entity's safe tools for virtual communication that will be broadly used during the project to avoid unnecessary face-to-face meetings.	01/01/2023	YES	NO	UdG	3	1	3	Open
14	Wp2	Delays on the development of the serious game app Since there are interdependencies (with Task 1.2 - Use Cases analysis and requirements, Task 1.3 - PILOT planning and expected impact, Task 2.3 - Co-creation & co-design activities, and WP3), regarding the specifications that are necessary for the development of the serious game app in T2.2. Uncertainty/delays in determining the pilot/platform specifications might cause delays in the development of the game app since UU needs to specify the tender requirements asap for subcontracting the game studio to support the development of the serious game app.	Continuous follow-up of interdependencies of Task 1.2, 1.3 and 2.3 and WP3. Regular meetings with WP1 and WP3	01/01/2023	YES	NO	UU	3	3	9	Closed
15	WP2	Low participation in co-creation workshops	Participants for the co-creation workshops will be sourced through our partners' institutions and networks. Ample partners are part of the consortium, with multiple partners representing each country, ensuring an adequate recruitment pool. Detailed information about the dates, timing, and content of the activities will be communicated to the participants in their invitations, ensuring they are well informed about what is expected of them. Additionally, reminders will be sent via email or phone three days prior to the workshop sessions.	12/07/2023	NO	NO	CERTH	3	3	9	Closed
16	Wp3	Data no available in Cornella (Girona Pilot) Consumption data not available at the moment for one of the villages involved in the pilot (Cornellà de Terri)	Engagement of the local DSO, Electro Avellana, that will provide all the data - Installation of smart meters to all participants to gather new data	12/07/2023	NO	YES	KMo	1	5	5	**Closed**

#	WP	Risk	Action	Date			Owner	P	I	PxI	Status
17	Wp3 /WP4	No data from Batteries (Rupia. Girona Pilot) No data from batteries, needed for the implementation of HLUC2. Rupià's battery depends on a public grant, results are not public yet.	Batteries in Amer and La Cellera de Ter: to be installed in summer 2024, will have direct data - Financing the installation of the battery within the Reschool project? Possibility yo install a Battery in Cornellà funded by the project RESCHOOL	12/07/2023	NO		KMo	3	3	9	Open
18	Wp3	**Low engagement of citizens:** Too many inputs for the participants, Too many inputs for the participants, that could make the engagement more complex, and decrease the motivation in the long term.	Involvement of technicians, not only politician of the municipality - Work on the territory to stimulate the new government, to engage it and raise its interest, pushing on the interest of the local population that is already involved - More present management of the pilot by the community manager (Kmo Energy)	12/07/2023	NO	YES	KMo	3	3	9	Open
19	Wp5	Regulatory barriers preventing economic sustainability (and its analysis) and replicability potentials	Policy advice to improve frameworks, dialogue with decision-makers, advocacy towards national governements and ministries to fully tranpose EU legislation (on market design, renewables, energy community frameworks etc)	12/07/2023	NO	NO	EREF	3	3	9	Open
20	Wp5	Lack of specific legal expertise on energy regulation / legislatio Lack of specific legal expertise on energy regulation / legislation, in particular on market designs and frameworks for collective energy initiatives. This could prevent conducting a comprehensive analysis of regulatory barriers and drivers that WP5 seeks to address, for the purpose of better understanding how energy communities in Greece, Spain, Sweden and the Netherlands can conduct activities that increase revenue streams and make them become economically viable.	First, the WP5 leaders (EREF) will identify the available expertise on regulatory and legal affairs among the consortium partners. In parallel, EREF will closely work with its own member organisations (who are national renewable associations) and reach out to experts among its network of contacts who could provide support (if need be). For instance, RESCOOP as well as RESCHOOL's SIPAG are potential entities who can be addressed. Second, EREF is closely following legal reform developments on energy communities in Spain, Sweden, Greece and the Netherlands, in order to prepare for Task 5.2 which is meant to kick-start in January 2024.	12/07/2023	NO	NO	EREF	1	3	3	Open
21	WP6	An insufficient number of published Scientific Articles, not reaching the KPI of 14 peer -reviewed scientific/technical publications	Informing about KPI and encouragning participants to publish and to report	mar-24	NO	NO	ESCI	1	3	3	Open
22	WP2	**Delay in Delivering the MVP Board Game by CERTH** Institute (There's a risk that CERTH Institute might not deliver the gamified board game's MVP(minimum viable product) on time or to the expected quality standards. This could be due to various factors, including underestimation of the project's complexity, technical challenges, resource constraints, or difficulties in adapting the board game into an engaging digital experience. Such delays or inadequacies could hinder the testing phase, impacting the project timeline and potentially compromising the quality of user feedback and overall user experience.)	Foster a collaborative environment by offering access to additional technical expertise or tools that could facilitate the development process. This could involve consulting with external experts in gamification or software development to provide guidance or troubleshoot problems. (already helping them-Anton, cannot really help more due to time constraints)	mar-24	NO	NO	CERTH/UU	3	3	9	closed

#	WP	Risk	Mitigation	Date			Owner	P	I	Score	Status
23	WP2/Wp4	**User Feedback Is Not Constructive/Useful**	We need to provide clear guidance on the kind of feedback that we are looking for and offer multiple channels for responses to accommodate user preferences. I think that using structured feedback forms, for different testing sessions or different aspects of gameplay, usability and so on would be a good way to organise.	mar-24	NO	NO	UU	3	3	9	Open
24	Wp2	**Feedback Incorporation Overwhelms Development Resources**	Mitigation: Prioritize feedback based on its impact on the user experience and the f	mar-24	NO	NO	UU	3	1	3	Open
25	WP4	**Interoperability between systems.** The implemented services and created energy platforms at each pilot might lack means promoting interoperability	The "Smart Energy Data Models" standard is adopted to ensure a consistent representation of data in all pilots. Moreover, the implemented energy platform and services at each pilot will be described and documented to support the understanding and utilization thereof by the other pilots.	april 2024	NO	NO	RISE	3	3	9	Open
26	WP4	**Complexity of RESCHOOL organisation.** Difficult to sync Tasks, deliverables, Task leaders, Campaign leaders, Pilots, KPIs, HLUCs, and relations to other project parts	Streamline organisation within and beyond WP4 such as with only highly useful meetings etc. and recurring and predictable meetings; maybe make templates etc. voluntary; clear ownership and procedures that have a clear place in the Task and WP structure	april 2024	NO	Yes	RISE/UIS	3	3	9	Open
27	WP4	**Lack of controllable assets may limit validation results.** Depending on the assets, the lack of controlability might affect results	Look for controllable assets in each of the pilots	april 2024	NO	NO	BBEN	3	3	9	Open
28	WP4	**Multiplatform approach may difficult.** Data gathering for validation purposes Having external provides will even increase more the difficulties for data gathering	Increase coordination efforts	april 2024	NO	NO	BBEN	3	3	9	Open
29	WP3	**T3.1 Unspecified services and data structures used at each Pilot** The services that are implemented at each pilot and the data structure and models might not be known to all the pilots and partners in the project, thus leading to a low degree of collaboration and use of the implemented services.	The services and data models are thoroughly described to promote knowledge sharing and collaboration between the pilots.	april 2024	NO	NO	RISE	3	3	9	Open
30	WP3	**T3.5 the time for the final stage of the WP delivery coincides with holiday periods in Europe.** This may lead to sync/availability issues at the time the delivery is being finalized. This leaves smaller than usual buffer for late changes.	Scheduled parted of the work to be completed prior to holiday season.	april 2024	NO	NO	RISE	3	3	9	Open
	WP3	**T3.4 Lacking available visualization widget types** Visualization widgets provided by an energy platform cannot accurately describe the energy visualization needs of users	Use a combination of basic visualization widgets in order to give the user the neces	april 2024	NO	NO	CERTH	1	3	3	Open
32	WP3	**T3.4 Visualizations are too complex** Visualization widgets provided by an energy platform too complex, and containing too much information to be understood by the users easily	Design focused on the needs of the users. Provision of multitude of different widgets to encompass every user need.	april 2024	NO	NO	CERTH	1	3	3	Open
33	WP6	Low website visits	Increase SEO activity. More specialised content (intergenerational learning, serious games, etc…). Increase traffic from Social Media/direct links/pilots	may 2024	NO	NO	ESCI	3	3	9	Open
34	WP7	Possible delay on submission of 1st Periodic Report due to different summer holidays in Nothern and southern partners. The RP1 is expected to be prepared during July and August 2024	The preparation of the report will be advanced in time and will be prepared in June and early July	may-24	NO	YES	UdG	1	5	5	Open
35	WP4	Complexity in the installation of smartmeters by the citizens	KMo and DdGi technicians to organize installation sessions to help in the installation and configuration	may-24	NO	YES	KM0	1	3	3	Open
36	WP4	Increasing lack of engagement once the project have started	Local government promotion, increase the social value of the project.	may-24	NO	YES	KM0	1	3	3	Open