REGILIENCE
Regional Pathways to Climate Resilience

D5.5 Institutional coordination and cooperation with Innovation Packages, other H2020 projects and initiatives – V2

NOVEMBER 2024 (M36)

www.regilience.eu

Project Acronym:	REGILIENCE
Programme	HORIZON2020
Type of Action	Coordination and Support Action
Grant Agreement number	101036560
Start day	01/11/2021
Duration	48 months
Contacts	Jen Heemann – jen@ieecp.org Guido Schmidt - guido.schmidt@fresh-thoughts.eu

Document information

Document Factsheet	
Full title	D5.5 Institutional coordination and cooperation with Innovation Packages, other H2020 projects and initiatives – V2
Work Package	WP5
Task(s)	T5.3 Coordination and cooperation with Innovation Packages, other H2020 projects and initiatives
Author(s)	Guido Schmidt (FT), with contributions from Anne-Florence Harpon (F6S), Erika Palmieri (ICLEI) and Hugo Costa (FC.ID)
Reviewers	Federico Aili (R-Cities) & Jen Heemann (IEECP)
Date	November 2024

Document dissemination Level

Dissemination Level	
X	PU - Public
	PP - Restricted to other programme participants (including the EC)
	RE - Restricted to a group specified by the consortium (including the EC)
	CO - Confidential, only for members of the consortium (including the EC)

Document history

Version	Date	Main modification	Entity
V0.1	31/10/2024	Draft version distributed for quality review	FT
V0.2	06/11/2024	Internal Quality review	R-Cities
V2rev	22/11/2024	Review by the project coordinator	IEECP
V3	25/11/2024	Final review by main author	FT

Legal Notice

How to cite this report: REGILIENCE (2023). Institutional coordination and cooperation with Innovation Packages, other Horizon projects and initiatives. https://regilience.eu/reports-and-findings/

About REGILIENCE

REGILIENCE is committed to supporting the European Green Deal and the EU Mission "Adaptation to Climate Change" by fostering the adoption of regional climate resilience development pathways.

The project develops, compiles, shares, and promotes tools and scientific knowledge to support European regions in identifying and addressing their climate-related risks. We work closely with sister projects, such as ARSINOE, IMPETUS, and TransformAr to enhance the capacity of 7 focus regions to tackle the unavoidable impacts of climate change.

The project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101036560.

Project partners

Table of Contents

Abbreviations

C-ADAPT	Climate-ADAPT
CSA	Coordination and Support Action
EEA	European Environmental Agency
GD-SO	Green Deal Support Officeº
IA	Innovation Action
MIP	Mission Implementation Platform
NUTS	Nomenclature of territorial units for statistics
PPP	Public Private Partnership
OTS	Open Training Session

Executive Summary

The cooperation report explains the approach/process for the activities of the Coordination and Support Action (CSA) and project cluster during the second reporting period. The first reporting period was reported in D5.3 Institutional coordination and cooperation with Innovation Packages, other H2020 projects and initiatives, v.1.

The cooperation of REGILIENCE with the sister project Innovation Actions (IA) ARSINOE, IMPETUS and TransformAr has been developed quite successfully over the two reporting periods.

The project has achieved/largely surpassed the corresponding Key Performance Indicator (KPI) (with 88 cooperation meetings held vs 25 planned) and progressed very well towards the Impact Indicator (with 29 cooperations with institutions/organisations established vs 50 planned).

This can partly be explained by the fact that the four projects in this cluster were the first Climate Adaptation Mission projects and, therefore, received much attention and visibility. The cooperation work has been much more relevant—especially during the first project reporting period—than initially thought.

However, the intense activities within each of the IA projects have levelled down the overall cooperation activities, as well as the prominence gained and actions taken over by the EU Climate Adaptation Mission Implementation Platform (MIP4Adapt) due to its direct steering by the European Commission, the integrative approach beyond projects and project clusters and its resources.

Regarding the way forward, it is also expected that in the final project year, cooperation will be targeted towards the replication of solutions in the 7 REGILIENCE focus regions and further dissemination.

1 Introduction

This report reflects the activities carried out under Task 5.3 "Coordination and cooperation with Innovation Packages, other H2020 projects and initiatives" to foster coordination and cooperation, primarily with the Innovation Packages, but also with other projects and initiatives.

The primary related Impact Target of the Grant Agreement is "50 institutions, projects or initiatives are actively coordinating or cooperating during the project period". The main related Key Performance Indicator (KPI) is the following: "25 coordination and cooperation meetings are organised and delivered".

However, the project objective "Coordinate and support other initiatives – especially the projects funded under subtopic 1 of the call 1-3 – with proper tools, strategies and engagement actions to develop meaningful action, and increase replication and impact" is also related to other Impact targets (e.g. 10% increase in the number of users of knowledge platforms compared to previous system; 20 % increase in usage of knowledge platforms compared to previous system) (platforms REGILIENCE works with) and their corresponding KPIs. These will however be reported in other deliverables.

The corresponding Description of Action (DoA) of the task is as follows:

Why? Being this a CSA, coordination and cooperation will play an important role within the project, especially with the Innovation Packages.

What? This task will assure overall, institutional and cross-topic aspects; and specific interaction will be developed by task leads, within this overall frame.

How? Specific activities include initial contacts being established, the set-up of organised contact lists and exchange agreements, planned bi-monthly virtual meetings, with agendas being prepared in anticipation, with the Innovation Packages under subtopic 1, and individually agreed exchanges with others. Besides, surveys will be carried out to identify the degree of satisfaction of partners and track the impact target achievement. Furthermore, Clustering activities with other projects will be mapped out and looked for in this task to increase the outreach potential of the project concepts and raise awareness among a broader spectrum of stakeholders, as well as the use of communication boosters (partnerships with other organizations, newsletters such as Fleishman Hillard or eceee, blogs) (complementing T1.5 activities). The main tools used for clustering activities will be social media and the website. The website will contain an External Resources page, where existing works of other platforms and interesting related projects will be listed. Some initial targets can be found in Section 2.2b. Finally, the project will support close cooperation and joint dissemination strategies with other EU projects funded either in the same call or tackling similar issues. Clustering activities will increase the outreach potential of the project concepts and raise awareness among a broader spectrum of stakeholders.

Who? FT will coordinate and lead the institutional engagement and the activities. Other partners are participating in activities when the planned topics are of relevance for them.

When? The activity will start in M1 and end in M48.

There is a significant change and opportunity for coordination and support to the Innovation Actions after the entry into force of the Mission for Adaptation Implementation Platform

(MIP4Adapt). MIP4Adapt allows for addressing a significantly larger audience, as it has direct access and an umbrella function for the Mission, including the 300+ Mission Signatories and the more than 100 Mission projects. MIP4Adapt has also set up tools which have overcome, and integrated actions initiated by REGILIENCE, such as the tools and financing databases. REGILIENCE has continued fostering the Innovation Actions to be included in actions by MIP4Adapt.

1.1 Gender statement

The need for gender mainstreaming arises from persistent inequalities in power distribution and access to services and opportunities between people of different sex and/or gender identities. As demonstrated by literature and advocated in the European and international arena, this influences the understanding and perception of climate change dynamics and effects. Women and men, but also people in the LGBTQI+ community, are differently affected by the accelerated change of climate. Only by taking into consideration their diverse visions can scientific research reach meaningful and universal conclusions that properly inform climate action.

For these reasons, the REGILIENCE consortium is committed to including gender and intersectionality as a transversal aspect in the project's activities. In line with EU guidelines and objectives, all partners – including the authors of this deliverable – recognise the importance of advancing gender analysis and sex-disaggregated data collection in the development of scientific research. Therefore, they commit to paying particular attention to including, monitoring and periodically evaluating the participation of different genders in all activities developed within the project, including workshops, webinars, and events but also surveys, interviews, and research, in general. While applying a non-binary approach to data collection and promoting the participation of all genders in the activities, the partners will periodically reflect and inform about the limitations of their approach. Through an iterative learning process, they commit to plan and implement strategies that maximise the inclusion of more and more intersectional perspectives in their activities.

Within this deliverable and throughout the different events organised, the authors guaranteed the equal access and inclusion of different gender perspectives, by:

- Widely communicating and extending the invitation for attending the events to all people, regardless of their gender.
- Ensuring an equal number of women and men as speakers.
- Providing equal space and power to all genders when moderating a discussion.

2 Activities

The cooperation activities started already in summer 2021. Once the GAs were awarded, in November 2021, two workshops were held to develop a joint and flexible program for cooperation, designing the workstreams and identifying preliminary objectives, leads, engagement interests and timelines.

Coordination and cooperation activities have taken place with the following actors:

The Innovation Action projects under subtopic 1 of the call LC-GD-1-3-2020 RIA, also called "Innovation Packages", which is the primary focus of this CSA as they make up the cluster:

- ARSINOE
- IMPETUS
- TransformAr

Other projects awarded under Horizon 2020 or Horizon Europe calls, as listed in section 2.2.

Other projects and initiatives have been approached, including:

1. EU Climate Adaptation Mission secretariat and implementation platform contractor
2. European Environmental Agency, as host of Climate-ADAPT

2.1 KPI: Coordination and cooperation meetings

The following coordination and cooperation meetings have been developed by REGILIENCE with Innovation Packages, other H2020 projects and initiatives:

Table 1. Coordination and cooperation meetings (in bold and red marked, the lead project)

Nr	Date	Type/objective	REGILIENCE	ARSINOE	IMPETUS	Transf..	Others
1	14 Jun 2021	Meeting: first exchange and workplan	**x**	x	x	x	
2	19 Nov 2021	Workshop preparation meeting	**x**	x	x	x	
3	24 Nov 2021	Workshop with Mission Secretariat	**x**	x	x	x	x
4	11 Jan 2022	Jan 2022 Coordination Meeting	**x**		x	x	
5	14 Jan 2022	Meeting with EEA (indicators, C-ADAPT)	**x**			x	x
6	26 Jan 2022	Meeting on Climate modelling	x	x	**x**	x	
7	28 Jan 2022	Meeting on resilience indicators	**x**	x	x	x	x
8	22 Feb 2022	ERRIN Mission Sounding Board	**x**				x
9	23 Feb 2022	Meeting on French Presidency event	**x**		x	x	
10	18 Mar 2022	Mar 2022 Coordination Meeting	**x**	x	x	x	
11	28 Mar 2022	Meeting on Climate modelling	x	x	**x**	x	
12	29 Mar 2022	Coordination meeting Water Europe	**x**	x			
13	6 Apr 2022	Coordination meeting Water Europe	**x**	x			
14	8 Apr 2022	Monthly comms & diss meeting	**x**	x	x	x	
15	13 Apr 2022	Meeting with GD-SO team	**x**				x
16	27 Apr 2022	TRAMI kick off missions	**x**				x
17	2 May 2022	Academic symposium on climate change	**x**			x	
18	5 May 2022	Meeting on resilience indicators	**x**	x	x	x	

#	Date	Activity					
19	13 May 2022	Monthly comms & diss meeting	x	x	x	x	
20	25 May 2022	May 2022 Coordination Meeting	x	x	x	x	
21	8 Jun 2022	GDSO WG Meeting	x				x
22	10 Jun 2022	Monthly comms & diss meeting	x	x	x	x	
23	12 Aug 2022	Monthly comms & diss meeting	x		x	x	x
24	6 Sep 2022	Sep 2022 Coordination Meeting	x	x	x	x	X
25	9 Sep 2022	Monthly comms & diss meeting	x	x	x	x	X
26	16 Sep 2022	Meeting with EEA	x	x	x	x	x
27	21 Sep 2022	Maladaptation-Playbook interaction	x			x	
28	23 Sep 2022	ARSINOE Webinar Water Security	x	x	?	?	x
29	17 Oct 2022	Call REG-TRA about pathways	x			x	
30	24 Oct 2022	GD-SO Webinar	x				X
31	2 Nov 2022	Call REG-TRA about joint deliverables	x			x	
32	10 Nov 2022	Monthly comms & diss meeting	x				
33	17 Nov 2022	Nov 2022 Coordination Meeting	x	x	x	x	x
34	18 Nov 2022	GD-SO Meeting WG	x		x	x	X
35	8 Dec 2022	Monthly comms & diss meeting	x				
36	10 Jan 2023	Jan 2023 Coordination Meeting	x	x	x	x	
37	12 Jan 2023	Monthly comms & diss meeting	x				
38	12 Jan 2023	GD-SO webinar	x	?	?	?	x
39	26 Jan 2023	Mission CoP, Brussels	x	x	x	x	X
40	9 Feb 2023	Bi-Monthly comms meeting	x	x	x	x	X
41	28 Feb 2023	Meeting on Indicators	x	x	x	x	
42	9 Mar 2023	Monthly comms meeting	x	x	x	x	X
43	13 Mar 2023	Mar 2023 Coordination Meeting	x	x	x	x	
44	22 Mar 2023	OTS1	x			x	x
45	27 Mar 2023	Meeting with PROVIDE	x				X
46	13 Apr 2023	Bi-Monthly comms meeting	x	x		x	
47	19 Apr 2023	ARSINOE webinar Water Health	x	x			x
48	21 April 2023	OTS2	x			x	x
49	3 May 2023	Climate-ADAPT training	x	x	x		
50	16 May 2023	MERLIN 2nd Insurance Roundtable	x			x	X
51	1 Jun 2023	Water Europe Webinar NbS stormwater	x	x			X
52	1 Jun 2023	13 Climate-ADAPT webinar	x		x	x	x
53	6 Jun 2023	ECCA preparation call	x	x	x	x	x
54	15 Jun 2023	Monthly comms call	x	x	x	x	x
55	21 Jun 2023	ECCA workshops	x	x	x	x	X
56	30 Jun 2023	Joint project review meeting	x	x	x	x	x
57	29 Aug 2023	Bi-Monthly comms call	x	x	x	x	x
58	11-17 Oct 2023	Lisbon Autumn School	x	(x)		x	x
59	17 Oct 2023	WG M&E meeting	x	x	x	x	
60	18-20 Oct 2023	EURESFO23	x			x	x
61	23 Oct 2023	Oct 2023 Coordination Meeting	x	x	x	x	
62	9 Nov 2023	Mission CoP Synergy workshop	x	x	x	x	x
63	26 Nov 2023	Mission CoP Synergy workshop	x	x	x	x	x
64	1 Dec 2023	Governance webinar	x			x	x
65	14 Dec 2023	Bi-Monthly comms call	x	x	x	x	x
66	16 Jan 2024	Coordination case studies EL	x	x	x	x	
67	16 Jan 2024	Coordination case studies UK	x	x		x	
68	1 Feb 2024	Presentation at Mission Secretariat meeting	x	x	x	x	
69	2 Feb 2024	Coordination case studies IT	x	x		x	

70	15 Feb 2024	Bi-Monthly comms call	x	x	x	x	x
71	22 Feb 2024	Coordination case studies EL (2)	x	x	x	x	
72	7 Mar 2024	MIP4Adapt TWG Transform. adapt	x			x	x
73	26 Mar 2024	UK coordination meeting	x	x		x	
74	11 Apr 2024	Greek Climate Adaptation event	x	x	x	x	x
75	17 Apr 2024	MIP4Adapt Synergy TWG TA	x			x	x
76	24 Apr 2024	GD-SO Meeting Brussels	x				x
77	24 Apr 2024	Bi-Monthly comms call	x	x	x	x	x
78	20 Jun 2024	Bi-Monthly comms call	x	x	x	x	x
79	25-26 Jun 2024	EURESFO 24 Valencia	x		x	x	x
80	27 Jun 2024	ARSINOE Water Seminar		x	x	x	
81	7 Jul 2024	MIP4Adapt TWG Transform. adapt	x			x	x
82	10 Jul 2024	Research and Innovation Foundation (RIF) event	x	x	x	x	x
83	8 Aug 2024	Coordination case studies UK	x	x		x	
84	5 Sep 2024	Preparation Croatia training	x		x	x	
85	12 Sep 2024	Bi-Monthly comms call	x	x	x	x	x
86	24 Oct 2024	Istrian municipalities training	x				
87	30 Oct 2024	Murcia training	x			x	
88	30 Oct 2024	MIP4Adapt TWG TA	x		x	x	x

This list includes only those events where at least two of the cluster projects have actively participated or those where larger groups were brought together (e.g. GDSO). For those events, where no participant list was shared, no exact tracking of all participants has been possible, and even if the presence of other cluster projects was very likely it could not be confirmed and is thus not listed above.

The list also includes different types of cooperation meetings:

1. Overall cooperation between the 4 cluster projects.
2. Contact meetings with further projects or initiatives, e.g. EEA, PROVIDE, etc.
3. Specific cooperation topic meetings, e.g. on communications.
4. (Larger) events where the projects participate, including conferences, webinars, and workshops.

The cooperation documents, meeting agendas and minutes include personal data and internal information, which is not appropriate for sharing. If evidence is needed for the project review, such information can be provided individually to CINEA.

2.2 Impact target

The following Impact target is related to this workstream: 50 institutions, projects or initiatives are actively coordinating or cooperating during the project period. In this respect, the following list can be made. So far, cooperation has taken place at least between 29 institutions, projects or initiatives, with high, medium or low intensity. The meaning of this classification is the following:

- Low: written exchanges and/or project participates in one or several meetings,
- Medium: project participates in meetings and cooperate in dissemination work,
- High: project participates in meetings, cooperate in dissemination and participates or co-develop joint sessions in conferences

The order of institutions, projects or initiatives is by timewise engagement.

Nr	Institution, project or initiative	Type of coordination and cooperation	H	M	L
1	ARSINOE	one of the cluster projects, actively engaged in several workstreams and on a continuous basis during the first period, and active since then mainly regarding communications activities	☑		
2	IMPETUS	idem	☑		
3	TransformAr	idem; with furthermore bilateral activities e.g. Exploitation Agreement and support by REGILIENCE for further uptake of project results; also, both projects are active in the MIP4Adapt Technical Working Group (TWG) on Transformational Adaptation (TA)	☑		
4	CoCliCo	regular exchanges in RP1 about adaptation topics, limited participation in workstreams of cooperation			☑
5	NetZeroCities	limited participation in workstreams of cooperation			☑
6	REACHOUT	limited participation in workstreams of cooperation; active exchange regarding ECCA23 and regarding the exploitation of project results (2024)		☑	
7	I-CISK	participation in common GD-SO work group in 2023			
8	LOCALISED	limited participation in workstreams of cooperation			☑
9	PROVIDE	limited participation in workstreams of cooperation; project interaction at a March 2023 event organized by PROVIDE			☑

10	Pathways 2 Resilience	contacts since December 2022, first organized exchange in April 2023 P2R, on the alignment of tools identification and the AST cycle; cooperation for communications			
11	AGORA	contacts since December 2022; though not materialized in significant cooperation			
12	CLIMAAX	contacts since December 2022; though not materialized in significant cooperation			
13	Green Deal Support Office (GD-SO)	Participation in one of the working groups, with limited active and passive engagement, and in the December 2023 evaluation by an interview			
14	EU Climate Adaptation Mission Secretariat	contacts and exchanges, including joint events since beginning 2022			
15	Adaptation Mission implementation platform contractor (Ricardo)	contacts since January 2023, briefing on activities running in the cluster, active engagement in the Community of Practice in several Technical Working Groups; transfer of some of the REGILIENCE tools (financing database, tools database) into the MIP4Adapt platform			
16	European Environmental Agency, as host of Climate-ADAPT	several meetings in 2022, agreement on some actions to be developed in coordination (e.g. assessment of Resilience and Recovery Plans)			
17	ECCA 2023	Exchanges since autumn 2022, participation in advisory board; two proposals for sessions submitted; active engagement in discussions and follow-up			
18	FORENV Cycle 5 2022-2023	Participation in the sense making workshop on "emerging environmental and other issues impacting our ability to achieve a water-resilient Europe by 2050"; April 2023			
19	Water Europe	several webinars organized, including as partner of ARSINOE			
20	EURESFO 2023 Cascais	Coorganising role, including a specific session implemented on supporting regions			
21	IMAGINE Adaptation	Technical exchange on maladaptation and adaptation metrics, which are common research topics; support to IMAGINE social media			

22	FutuResilience	exchanges at EURESFO23 on the alignment of tools identification; no further exchange			
23	Mission CE Climate, Interreg project	exploring potential cooperation in Croatia and for communications; no further exchange			
24	RESIST	several exchanges including on tools and on citizen engagement (Dec 2023); further exchanges in 2024 for joint activities			
25	Climate Innovation Window	under WP2; support of platform development and communications			
26	weADAPT platform	regular monthly meetings under WP2, promotion and communication actions			
27	EURESFO 2024 Valencia	as partner and present with side events including several regions			
28	CARDIMED	as EAB member, including several exchanges and active participation during CARDIMED General assembly in September 2024			
29	Research and Innovation Foundation (RIF)	shared event organisation			

Regarding the above, please note that the term "limited" aims to be an objective description of the level of joint activities and does not assign any responsibility or criticism to any of the involved institutions, projects or initiatives.

2.3 Coordination and cooperation topics

At the beginning of the project activities, a long and comprehensive list of potential cooperation issues has been developed (included in D5.3). Not all of them were initiated, including due to lack of leadership interest in driving the activities. Furthermore, some of the activities were taken over by MIP4Adapt. In the following subsections, the relevant cooperation activities are illustrated in more detail.

Overall coordination meetings between the 4 projects were held until October 2023. In 2024, cooperation has focused on specific priority topics and bilateral calls/exchanges.

2.3.1 Scope of the IA projects

At the project start, we mapped that there were three geographical overlaps of the projects:

1. Athens, where all three IAs work with different institutions at local or regional level
2. Southwest UK, where ARSINOE and TransformAr work, partly with the same organisations

3. Sardinia, where ARSINOE and TransformAr work

At the beginning of the project activities, the IAs explicitly stated that no coordination was necessary, as partners on the ground knew each others and would ensure cooperation. This has however not been the case in the projects.

Therefore, over the past reporting period, REGILIENCE has actively steered area-specific meetings between the partners engaged, to follow up on cooperation and synergies between the projects. REGILIENCE has fixed a set of first meetings with each area partners, and then followed up on the UK case study, where synergies are still being sought. The process shows opportunities, but also (time) constraints for engagement across the projects.

2.3.2 Communications

The respective communications lead partner/staff of the four cluster projects met on a regular monthly basis until December 2022 and currently meet on a bi-monthly basis from January 2023. The main outputs so far include the following:

1. A common visual identity for joint initiatives
2. The development and edition of a joint newsletter "The climate resilience post" instead of managing four different newsletters
3. Participation in shared events, e.g. presenting TransformAr's Adaptation Playbook at a training event organized by REGILIENCE, or REGILIENCE's work on maladaptation at a Water Europe-ARSINOE event in April 2023
4. Development in Spring 2023 of a joint editorial calendar to strengthen communications of the four projects in thematically related fields
5. Development of a Trello Board which includes all relevant events and communications activities of the four projects (and externals) which helps to ensure coordination and avoid overlaps, e.g. events at same dates
6. Development of a glossary of key adaptation terminology, aimed for a consistent use across the four projects
7. The management, content creation and visuals for social media (LinkedIn, X, Facebook)
8. The management of the REGILIENCE website, including the dissemination of resources, uploading events and news articles
9. Writing of Opinion Articles, in collaboration with experts in climate resilience and adaptation measures, covering topics of high relevance. Since the project's launch, 14 articles have been published, providing valuable insights that resonate well with readers. These articles are made available both as web content and downloadable PDFs and are regularly shared across REGILIENCE's social media platforms.
10. Joint communication activities, e.g., for 3rd Forum Mission on adaptation, EURESFO 2024, World Environment Day 2024, etc.

More details about the cooperation focused on communication can be found in D1.6 Stakeholder Engagement, Communication and Dissemination Plan, with timelines and design_v.2.

2.3.3 Indicators

The call for projects provided a rather confusing and overlapping approach for the development of indicators between the Innovation action projects, the CSA and the Mission itself. This resulted in a complex start, where the CSA was supposed to coordinate and guide IAs; however, IAs had fixed their approaches already in the Grant Agreements.

Discussions led to a review of the approach, where the added value of the clustering (and the CSA work) will be:

1. A compilation of climate adaptation indicators, and their availability
2. A review of strengths and weaknesses in applying climate adaptation indicators in the IAs
3. Recommendations for regions to build on the expertise gathered so far by the four projects

REGILIENCE coordinated a joint paper on monitoring and evaluation, which is reflected in D3.3.

In 2024, MIP4Adapt started a Technical Working Group (TWG) on indicators, taking up and leveraging the previous work from this cluster with a wider engagement of Mission projects. REGILIENCE and the other cluster projects have actively contributed to this TWG's work.

2.3.4 Compilation and promotion of tools

In early 2023, REGILIENCE published a shortlist of 13 solutions and tools ready for use and or in development by the four projects, as a contribution to the implementation of the Climate Adaptation Mission. Since then, no further updates on the tools have been shared by the IA projects; requests for updates have been sent out.

In parallel, MIP4Adapt has initiated an online database of adaptation tools for regions and local communities; with so far 13 tools being available. The MIP4Adapt database builds significantly on the REGILIENCE work but applies different criteria (e.g. proven testing). So far, only four of the Cluster's tools have applied for integration into the MIP4Adapt database, and only one (TransformAr playbook) has been included; the others lacked real-life testing results so far.

2.3.5 Development of a solutions dashboard

As part of the REGILIENCE project, exchanges have been made with the Innovation Action (IA) projects to develop and populate a dashboard aimed at supporting replication regions. This tool will allow these regions to identify the best solutions tested or under development by the IA projects and match them to their specific needs.

Exchanges with Innovation Actions (IA) on Dashboard

Collaboration Scope: We established communication with IA projects to collect their solutions, ensuring the dashboard contains the solutions developed for replication across European regions.

Data Integration: Several solutions from the IA projects have been successfully integrated into the dashboard. We aim to populate the dashboard with solutions that are complemented by indicators that assist in assessing suitability for specific regional risks and resilience contexts. First, we reached out to the IA projects to request information on adaptation solutions. Next, we compiled a preliminary table based on the information provided by the IA projects. Then we asked the IA projects to review the table and provide additional solutions - REGILIENCE maintained availability to respond to email doubts and to organise online meetings to clarify any questions raised. Finally, we refined the solutions to produce the final table.

Methodological Approach: We utilized the ESPON-CLIMATE dataset (for adaptation and sustainable development) and EU indicators adapted by REGILIENCE (for mitigation) to form the basis of the dashboard's risk-solution matchmaking feature. This ensures that the solutions are contextually matched to regional climate risks and socio-economic factors.

Successes

Solution Matchmaking: The initial prototype of the dashboard has been effective in identifying key adaptation needs and recommending general solutions. This process is aligned with REGILIENCE's goals, helping regions bridge the gap between their resilience needs and available solutions.

Data Contribution: The following number of solutions have been contributed: ARSINOE (32), IMPETUS (65) and TransformAr (19).

Challenges

Technical and Methodological Barriers: Certain implementation challenges were encountered in adapting climate and socio-economic indicators for matching solutions. Additionally, regional variation in climate, governance, and socio-economic conditions makes replicability and transferability of solutions across regions complex.

Solutions Still Under Development in Projects: One of the challenges we face in populating the dashboard is that many of the solutions from the Innovation Action (IA) projects are still in the development or testing phases. This limits the dashboard objective of filtering the most suitable solutions for application in the regions.

Generic Solution Selection Process: The current method for selecting measures via the dashboard tends to be generic, particularly in terms of resolution and the application of solutions to specific risks (hazards). This broad approach makes it challenging to pinpoint solutions that are highly tailored to particular regional needs or risks.

Multi-Hazard Solutions Representation: Many of the solutions developed by the Innovation Actions (IAs) can be applied to multiple climate and social risks. As a result, these solutions appear multiple times in the dashboard, listed under different hazard categories, which can lead to duplication and reduced clarity.

Overload of Solutions for Regions: As a consequence of the above, the dashboard often presents an extensive list of solutions for a given region. This large volume of options, while comprehensive, is not ideal. It can overwhelm users with too many choices, making it difficult to prioritize actions. However, this issue should diminish as the solutions become more specifically aligned with targeted objectives or risks, and regional needs.

As a result, solutions have been included in the dashboard at this stage, but the groundwork has been laid for further development.

The dashboard remains a prototype, and future iterations will aim to integrate a broader range of solutions as additional data becomes available.

2.3.6 Engagement and dissemination of IA solutions towards REGILIENCE focus regions

In 2024, REGILIENCE expanded its solutions dashboard (under WP4) to include the solutions being developed in the IAs and aimed to explore which solutions might be potentially replicated in REGILIENCE focus regions. This gathering work has taken long time, given also the state of development and refinement of solutions in the IAs. The dashboard demo has been presented internally the end October 2024.

Furthermore, TransformAr solutions will be shared at one of the trainings planned for Murcia end October 2024.

REGILIENCE is currently developing an action plan for 2025 for all focus regions and their demands, and will offer this "catalogue" to IA projects as an opportunity for engagement.

3 Critical reflections on the work so far

3.1 SWOT Analysis

The review of RP1 requested the projects to carry out a SWOT analysis to assess and improve the cooperation. The following information was prepared by REGILIENCE and shared with the IAs in the shared Teams working folder, requesting inputs. However, after several requests to contribute to the SWOT Analysis, no additional input was received from any of the three IA projects. The SWOT analysis also shows the sources of the inputs.

This lack of feedback has also resulted in the elimination of overall project coordination meetings, and only coordination meetings for communications and other specific actions have been actively maintained by REGILIENCE.

What are we analysing?

- The SWOT analysis shall identify the strengths, weaknesses, opportunities and threats of/to the impact of our projects, individually and especially as a cluster. To remind, the call expected impacts are the following:

    o Support the European Green Deal targets, in particular the new EU Strategy on Adaptation to Climate Change, the EU biodiversity, bioeconomy and circular economy strategies, the objectives of the Union Civil Protection Mechanism, as well as the Clean Air Programme for Europe.

    o Contribute to the economic restart from the Covid 19 crisis and foster transformative change across all regions and sectors of society to increase climate resilience.

    o Contribute to strengthening social acceptance and social resilience.

    o Sub-topic 1) Massive increase of community resilience and capacities to cope with unavoidable effects of climate change. Performance indicators should include for instance reduction of the climate protection gap, increase in Green investments, etc.

- o Sub-topic 2) Improve knowledge access to adaptation solutions through synergies and/or integration of the online platform with Climate-ADAPT, Copernicus services and other existing Pan-European platforms

- The SWOT analysis addresses:

- o Project/cluster-internal strengths and weaknesses (aspects which we are responsible for)

- o External opportunities and threats (aspects which are out of our control)

Why do we undertake a SWOT analysis?

- We have been asked so by the PR1 project review: "Conducting a SWOT analysis would enable a comprehensive exploration of all following aspects: risks (such as technological and business risks) and bottlenecks (including regulations and local business dynamics) that need to be identified early on to mitigate any potential adverse effects. Additionally, organizing a workshop to discuss these matters and consider possible adaptation pathways would be beneficial. The participation of policymakers representing the Case Study regions holds significant relevance in this endeavor."

- To improve our cooperation and target better joint efforts.

What do we do now?

1. Step 1: Share the link to the draft SWOT analysis file with your relevant project colleagues and fill it by 31 December 2023 with inputs (aiming to be concise and indicating who has inserted texts).

2. Step 2: Organise a workshop on the SWOT analysis and to identify strategic areas for further work, during the first quarter of 2024. – **this step has not been implemented!**

3. Step 3: Agree on an impact-oriented workplan for 2024 - **this step has not been implemented!**

SWOT analysis (draft)

	internal	**external**
positive	**Strengths** • Compilation of tools developed by the projects (REGILIENCE) • Working Group on Communications, identifying joint actions and events (REGILIENCE) • Existence of practical examples in case studies (REGILIENCE) • Work with a broad spectrum of regions (geographically, economically, outermost, etc.) (REGILIENCE)…	**Opportunities** • Relevant climate impacts being felt, political momentum (REGILIENCE) • 308 Mission Signatories as potential users of our knowledge and tools (REGILIENCE) • Existence of MIP4Adapt, including sharing via the Mission Portal (tools, mission stories, forums) and the Community of Practice (REGILIENCE) • Sharing the lessons learned, methodologies developed, and successful strategies implemented with Mission on Cities (Review Report 1)

		• Project partners are participating in other Mission Projects or initiatives and can foster synergies (REGILIENCE)
negative	Weaknesses	Threats
	• The set of final deliverables of the Innovation Actions might be inconsistent, exclusive, incoherent and ambiguous for policy-makers (Review Report 1) • Lack of use of local languages (Review Report 1) • Limited engagement of Innovation Actions in joint actions, no constant lead for any joint activity (REGILIENCE)	• Stakeholder fatigue by overloading regions with (competing) engagement requests (from our and other initiatives) (REGILIENCE)

4 Outlook

Over the past months, the communication between REGILIENCE, TransformAr and IMPETUS has gained traction on (1) how to ensure the legacy of project results and (2) how to strengthen joint communication, including at events.

REGILIENCE has prepared a preliminary calendar for 2025 on events and activities which are either directly organised by the project or known. This calendar will be discussed in November 2024 with the sister projects seeking strengthened cooperation.

Similarly, it is planned to continue the work to include solutions into the REGILIENCE dashboard, share these with the focus regions for replication (as recently implemented in Istria, Croatia) and promoting the tools.

The strategies to ensure legacy will be much focused on the platforms already in place and which will continue after the projects' end, namely MIP4Adapt, Climate-ADAPT, weADAPT and CIW, and potentially new emerging projects.

5 Conclusions

The cooperation report explains the approach/process for the activities of the CSA and project cluster during the second reporting period. The first reporting period was reported in D5.3.

The project has achieved/largely surpassed the corresponding KPI and progressed very well towards the Impact Indicator. This can partly be explained by the fact that the four projects in this cluster have been the first Climate Adaptation Mission projects and therefore received much

attention and visibility, and the cooperation work has been much more relevant – especially during the first PR - than initially thought.

However, the intense activities within each of the IA projects have levelled down the overall cooperation activities, as well as the prominence gained by the MIP4Adapt. It is also expected that in the final project year, cooperation will be targeted towards the replication of solutions in the 7 REGILIENCE focus regions.