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Checked and approved by	BILSP, Yordan Dimitrov	22/12/2021
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Author(s)	Peggy Papadopoulou, Spiros Kintzios (University of Athens), Ramona Velea (ISIG), Jon Hall (RAN), Marios Didachos (Municipality of West Achaia), Cristian Lanza (Municipality of Gorizia), Nikolay Todorov (Tetovo Ruse Municipality), Katja Banovec Juros (ACDPR), Giorgio Moschetto (Comune Catania), Massimo Cristaldi (IES)
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Abstract

Deliverable D5.2 - Community involvement Plan and results, second Release is the second of the three deliverables of task T5.1 - Communities involvement and continuous feedback of WP5 - Communities involvement and field trials. It describes the community involvement in the five pilot sites as well as in the relevant project work packages. The reporting period is formally till August 2021, however it has been extended to cover current developments.

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III. Table of Contents

I.	Deliverable Information.....	i
II.	Document History.....	ii
III.	Table of Contents.....	iii
IV.	List of Figures.....	v
V.	List of Tables.....	vi
VI.	List of Acronyms.....	vii
1	Executive Summary	1
2	Introduction	2
3	Community Involvement in WP5.....	4
3.1	Community involvement and continuous feedback: Task 5.2 – Field Trial Design ...	5
3.2	Community involvement and continuous feedback: Task 5.3 – Field Trial Execution	6
3.3	Community involvement and continuous feedback: Task 5.4 – Field trial Validation	6
3.3.1	Current Status.....	7
3.3.2	Next Steps	8
4	Community Involvement - WP3	9
4.1	Current Status.....	9
4.2	Action plan	9
5	Community Involvement - WP4	11
5.1	Current Status.....	11
5.2	Action Plan.....	11
6	Community Involvement - WP6	13
7	Community Involvement - WP7	14
8	Community Involvement - WP8	15
8.1	T8.1 Dissemination Plan	15
8.2	T8.2 Dissemination Campaigns.....	15
8.3	T8.3 Dissemination Events.....	16
8.4	T8.6 Standardisation	18
8.5	Other Dissemination events	18
9	Community Involvement - WP9	19
9.1	Ethics’ developments	19
9.2	Ethics’ Developments Involving Communities	20
9.3	Expected Ethics’ Developments	20
10	Catania Community Involvement.....	22
10.1	Current Status.....	22
10.2	Action plan	22
11	Gorizia Community Involvement.....	24



11.1	Current Status	24
11.1.1	Communication activities.....	27
11.2	Action Plan.....	29
12	West Achaia Community Involvement	30
12.1	Current Status	30
12.2	Action Plan.....	32
13	Tetovo Community Involvement	33
13.1	Current Status	33
13.2	Action Plan.....	34
14	Kamnik Community Involvement	35
14.1	Current Status	35
14.2	Action Plan.....	36
15	Conclusion	37
VII.	Appendix A: RESILOC ethics self-assessment sheet.....	i



IV. List of Figures

Figure 1: Local Resilience Team of Gorizia page on Facebook27
Figure 2: Municipality of Gorizia website – homepage28



V. List of Tables

Table 1: Communities sites and partners and roles	3
Table 2: List of Meetings Dissemination Campaign Group	15
Table 3: List of Dissemination Events.....	16



VI. List of Acronyms

Acronym	Meaning
ACPDR	Administration of the Republic of Slovenia for Civil Protection and Disaster Relief
BILSP	Balkan Institute for Labour and Social Policy
BRC	Bulgarian Red Cross
COMUNE CT	Comune di Catania
CGO	Community of Gorizia
GDPR	General Data Protection Regulation
HMOD	Hellenic Ministry of National Defence
IES	Intelligence for Environment & Security
ISIG	Istituto di Sociologia Internazionale di Gorizia
JSI	Jozef Stefan Institute
LRT	Local Resilience Team
MWA	Municipality of West Achaia
NKUA	National and Kapodistrian University of Athens
RAN	Resilience Advisors Network
WP	Work Package

The terminology used within this report is defined within the Base and Project Glossaries¹. The terms and phrases used within this document have the meanings described by the glossary unless explicitly described otherwise in the relevant text.

¹ <https://www.resilocproject.eu/publication/>



1 Executive Summary

Deliverable D5.2 “Community involvement Plan and results, second Release” is the second of the three deliverables of task T5.1 “Communities involvement and continuous feedback” of WP5 “Communities involvement and field trials”. It comprises all activities related to community involvement and continuous feedback, in terms of activities that have taken place as well as planned activities for the future. Activities are covered from two separate viewpoints; the perspective of the communities involved in the project, namely West Achaia, Gorizia, Catania, Tetovo and Kamnik as well as the perspective of the relevant project work packages.



2 Introduction

This section provides a description of the aim and scope of the deliverable, with an overview of Task 5.1 and Deliverable D5.2 within the context of WP5.

Deliverable D5.2 “Community involvement Plan and results, second Release” is the second of the three deliverables of task T5.1 “Communities involvement and continuous feedback” of WP5 “Communities involvement and field trials”. It follows deliverable D5.1 “Community involvement Plan and results, first Release”. Task 5.1 creates the needed links to citizens and local communities, ensuring that they are kept in the loop on the project activities and can provide feedback on the project intermediate results. Starting from the network of the communities that are members of the consortium, the task creates a stable and reliable mechanism for the exchange of information and discussions, mainly achieved using Social Media. The task also establishes the Local Resilience Teams (LRT) in the pilots, aiming at extending this to other communities in Europe. Regular webinars are arranged with the members of the Local Resilience Teams and with practitioners of existing networks (e.g. FIRE-IN [<https://fire-in.eu/>] for the firefighters' community). All activities are planned and reported yearly so that they can be monitored for the achieved results.

The work in the reported period involves community involvement and continuous feedback in terms of activities that have taken place as well as planned activities for the future. Community involvement refers to all users of each pilot site that are relevant to the project, namely West Achaia, Gorizia, Catania, Tetovo and Kamnik. Users can be grouped in the following categories:

Primary users: Local authorities, represented by policy makers and the technical services operating in the community.

Secondary users: First responders and emergency services (“practitioners”), with their capacity of feeding the system with live information and with lessons learned in the many scenarios they operate.

Beneficiaries: Citizens and the civil society; they are also intended to help feed the platform with ‘dynamic’ information, for example on their risk perception.

Local Resilience Teams: LRTs represent the connecting link between administrations (authorities) and society (citizens and functional communities).

In each site we can discern partners under the following groups, according to their role, as summarised in Table 1 below:

RESILOC Communities partners: These are the municipalities partners of RESILOC, i.e., Municipality of Catania, Municipality of Gorizia, Municipality of Kamnik, Municipality of West Achaia and Municipality of Ruse, Tetovo.

RESILOC facilitator partners: These are the RESILOC partners that serve as facilitators of the communities partners, i.e., IES for Municipality of Catania, ISIG for Municipality of Gorizia, ACPDR for Municipality of Kamnik, HMOD and NKUA for Municipality of West Achaia and Bulgarian Red Cross for Municipality of Ruse, Tetovo.



Table 1: Communities sites and partners and roles

Community site	Community partner	Community facilitator partner	Lead Trial Partner	Trial Contributing Partners
1. Catania (Italy)	Municipality of Catania	IES	IES	COMUNE CT IES
2. West Achaia (Greece)	Municipality of West Achaia	HMOD NKUA	HMOD Ministry of Defence	HMOD MWA NKUA
3. Gorizia (Italy)	Municipality of Gorizia	ISIG	Municipality of Gorizia	Municipality of Gorizia ISIG
4. Tetovo, Ruse (Bulgaria)	Tetovo, Ruse Municipality	Bulgarian Red Cross (BRC) BILSP	BRC	BRC BILSP
5. Kamnik (Slovenia)	Municipality of Kamnik	ACPDR Slovenian Civil Protection JSI	ACPDR Slovenian Civil Protection	Municipality of Kamnik ACPDR JSI

The deliverable refers to the community involvement plan and continuous feedback of the community users in each of the five pilot sites, with respect to the current status and the action plan. A two-fold approach has been followed in the deliverable, WP-wise and community-wise. In the first, WP-wise approach, community involvement is reported at work package level for all project work packages with relevant activities. A community-wise approach has also been followed providing a report of past and future activities of each community in which they have been involved in the project.

Taking into account the ongoing nature of Task 5.1, the community involvement plans and continuous feedback currently presented will further evolve and be presented in the third release of the deliverable (D5.3).



3 Community Involvement in WP5

A number of meetings have been scheduled and taken place in order to involve communities in the WP5 project activities.

A Community Involvement meeting took place online on March 12, 2021. The meeting was addressed at project level with the participation of all partners and aimed at presenting:

- the project and its current status,
- the role of the users/communities,
- user input/output needed in relation to WP3, WP4, WP5, WP6, WP7,
- next steps & meetings.

The meeting had a rich attendance with 30 participants, including representatives from NKUA, IES SOLUTIONS, JSI, ISIG, RAN, Tavistock Institute, FhG, BILSP, WNRI, our partner communities Municipality of Gorizia, Comune Catania, Bulgarian Red Cross, Municipality of West Achaia, ACPDR and local authorities such as the Mayor of Tetovo, the Regional directorate “Fire safety and civil protection” Mol, Ruse and the BRC regional branch Ruse. The WP5 and T5.1 lead, from NKUA, started the meeting with an introductory presentation on the community involvement in RESILOC, stressing the importance of users engagement in the project activities and outlining the events, sprints and trials in which users and LRTs participation will be requested. A presentation on the increasing engagement of users in RESILOC was then made by the RESILOC Scientific Coordinator. A member of RAN team spoke about the user involvement plan in the trial design and next steps. The floor was then open to communities representatives for questions or comments and to share their experience so far, particularly regarding their involvement and the local resilience teams. Municipality of Gorizia spoke about their experience of joining RESILOC and the formation of their local resilience team as well as their involvement action plan. Comune Catania spoke about their experience of the building of the local resilience team in Catania. Bulgarian Red Cross spoke about Tetovo and the problems that they face, mainly in terms of resources, because of the specific conditions of their area.

Following the community involvement meeting of broad nature, separate meetings of a more narrow scope at each pilot community were deemed as appropriate to follow. This approach would enable meeting agenda and discussions tailored to the different conditions and characteristics of each community. These are reported later in the deliverable in the respective section of each community involvement. Since Local Resilience Teams have a significant role in community involvement, forming a critical success factor for the trials and the project in general, meetings specific for the involvement of Local Resilience Teams have also been organized. In particular, it has been decided to have separate meetings for each community and LRT. The aim of these meetings was to present a first description of the trials and the role of community users in them, including that of LRTs. For this reason, it was proposed to organize a meeting at each community, in the local language, with all users involved, including LRTs. The topics of the meeting would be (a) trials and the role of users and (b) ethics. Presentation material was prepared for both topics to serve as a common basis for all meetings and to be translated in local languages and adapted to specific community needs, allowing for possible alterations in content and attendees in each community. The meetings took place in Municipality of West Achaia, on July 15, 2021 and in Municipality of Gorizia, on July 30, 2021. The meetings in the rest of the communities, mainly Catania and Tetovo, as well as Kamnik could not be organised at that time and were to be



scheduled at a later time. Further information can be found in the respective section of each community involvement.

We have been planning to have a round of meetings in which communities will present their systems or mechanisms related to resilience to the other communities in order to share experience and exchange knowledge and ideas. The first meeting took place online on May 20, 2021. In this meeting Kamnik community had a presentation of the application for earthquake resilience of buildings in Slovenia, POTROG, Slovenia Earthquake Event Rapid Response Toolbox, by Dr. Primož Banovec. A live demonstration of the system was also provided. The meeting also included an open discussion among communities based on the presented system. Representatives from all RESILOC Communities partners and their facilitator partners participated in the meeting.

The following paragraphs present community involvement as part of Task 5.2 Field Trial Design, Task 5.3 Field Trial Execution and Task 5.4 Field Trial Validation.

3.1 Community involvement and continuous feedback: Task 5.2 – Field Trial Design

This section describes community involvement within Task 5.2 – Field Trial Design. It provides a description of the activities that communities or their representatives have been involved in so far within Task 5.2.

Community involvement for trial design was undertaken early in the project, with a 'User Representative Group', consisting of one representative from the partner organization supporting each community, i.e. HMOD, IES, ISIG and BRC (details can be found in D5.4 section 4.2.2). The following list of activities depicts the engagement with that group and with other partners when it also involved them.

1. Pre-Consultation for D5.4 & the RESILOC Trial Guidance, 01 December 2020

This was the User representatives first detailed exposure to the methodology that would be applied. We received very limited feedback as the process had yet to be explained but it aided the foundations for the meeting to follow after Christmas.

2. Trial Design Coordination Meeting, 25 January 2021

The WP team met and agreed content for presentation at the meeting on 25th where feedback on the pre-consultation could be provided and it could be outlined how the rest of the design task would be undertaken.

3. The End User Engagement Strategy was agreed as part of the project's 'Recovery Plan'. Mainly developed by ISIG as part of the recovery plan, this structure was used comprehensively to form the User Representative Group to develop further content for the design.

4. End User Group Meeting 1, 22 March 2021

This was a detailed meeting with the newly formed End User Representative Group and how it was to be used. The agenda and discussions led to the issuing of our first newsletter and update. The meeting involved an attempt to establish a trial roadmap including a running-order for the trials and expectations around pre-trial meetings for communities.

5. End-User Group Meeting 2, 13 April 2021



The follow-up detailed meeting to continue trial design planning with the User Representative Group which considered the content of the two preceding news & updates in depth

Community involvement related to trial design has continued in the transition to trial preparation, part of T5.3 Trial Execution.

3.2 Community involvement and continuous feedback: Task 5.3 – Field Trial Execution

This section describes community involvement within Task 5.3 – Field Trial Execution. It provides a description of the activities that communities or their representatives have been involved in so far within Task 5.3 as well as a description of any possible forthcoming activities of Task 5.3 that communities or their representatives are planned to be involved in.

The involvement of communities in the trials is very active pertaining to a period that covers the pre-trial phase (Phase 0) as well as the Capacity building phase (Phase I) and the Trial phase (Phase II).

In the pre-trial phase two wrap up meetings are planned per trial, with the respective user communities and LRTs of the trial site. During these meetings, partners in collaboration with TMT respective leaders, will exhibit RESILOC platform overview alongside the practical approach (UI). Equally, they will introduce to the participants DIPs' impact on resilience in a familiarized way, preparing them for selecting and validating the sum of proxies and indicators that are meaningful for their community. Platform's use and practical approaches will be demonstrated utilizing presentation and dedicated examples based also on other related deliverables i.e., D3.1, D5.2. Additionally, to ensure that the ethical concerns are covered before gathering data and storing it, the communities will be briefed accordingly.

Sequentially, in the Capacity building phase communities will be engaged in Data and System Capacity Building with the validation of indicators and proxies and scenario building as well as in User Capacity Building with training and tabletop exercise. The validation part of indicators and proxies is considered an essential procedure. The RESILOC platform results interpretation, and consequently platform's performance is based on the proper determinants (indicators and proxies) choice. Finally, in each trial, communities will be part of the Trial phase, following the processes deployed during the dry-run, and the actual trial but also providing insights for the whole life cycle of the resilience building up process.

Due to several mishaps (i.e., floods in Catania's territory, the outbreak of the 3rd and the 4th wave of COVID-19 pandemics with notable cases) any physical meeting was postponed or even cancelled, straining the consistent performance of the teams (partners, LAs, LRTs, community volunteers). This has created the need to perform all the planning in an agile manner to proceed smoothly in phases I & II. Regarding the upcoming first trial three instead of two workshops were planned to address the preparation needs, and the presentations of the related topics were arranged in the local language for deeper and enhanced understanding. The training sessions will be held in local language for the same reasons.

3.3 Community involvement and continuous feedback: Task 5.4 – Field trial Validation

This section describes community involvement within Task 5.4 – Field Trial Validation. It provides a description of the activities that communities or their representatives have been involved in so far within Task 5.4 as well as a description of any possible forthcoming activities of Task 5.4 that communities or their representatives are planned to be involved in.



Task 5.4 – Field Trial Validation is focusing on the development and implementation of the RESILOC Validation Framework, which aims to propose a standard methodology by means of which RESILOC products/solutions/outputs will be validated within the 4 RESILOC Field trials.

It is envisaged that, within the implementation of the RESILOC Validation Framework:

- Evidence from the field trials will be gathered, studied, and analysed.
- Outcomes of the trials will be compared with expected goals and results to assess potential shortcomings and identify their potential causes.
- Recommendations for improvement will be suggested.

The validation exercises will involve, among others, the following targets:

- Local Resilience Teams (i.e., LRT) – for each trial the LRT active in the specific community.
- Advisory Board Members – potential role of observers/data collector, transversally to the four envisaged trials.
- Other potential external observers – such as the representatives of the RESILOC Community of Kamnik (Slovenia), potential role of observers/data collector, transversally to the four envisaged trials.

In order to comply with the co-production framework set by the End users Engagement Strategy, the implementation of the validation exercise at pilot site/trial level, the Validation 'Pack' consisting in data collection instruments and procedures will be validated itself by the each of the LRTs and relevant Trial teams at Pilot site/RESILOC Community level. It is expected that such 'validation' of the validation Pack to be performed during the pre-trial meetings organised before the implementation of each trial (see D5.4).

3.3.1 Current Status

- The activities developed within the framework of Task 5.4 have been focusing mainly on the development of the Field Trial Validation Methodology (D5.6).
- The first draft of D5.6 was shared with WP5 partners at the end of April 2021.
- The Field Trial Validation Methodology is highly dependent on the overall Field Trial Design and Execution Plan. At the moment of writing:
 - The first draft of the D5.6 is updated based on the recent release of D5.4 – Field trial Design
 - Furthermore, several operational issues influencing the design of the Filed Trial Validation are currently discussed at WP5 and overall project management level (e.g., roles and responsibilities within the trials implementation).
 - It is expected that by September 2021, new inputs, stemming from the above-mentioned discussions, will support the drafting of D5.6 V2.

Two main streams of activities have been implemented at the moment, as follows:

1. Desk research: literature review and analysis of case studies (November 2020 – April 2021).



- a. A non-systematic literature review was carried out and reported in this first draft of the deliverable, so to:
 - Identify main concepts and definitions needed for the purpose of the design of a Validation framework for the RESILOC products/solutions/outputs.
 - Identify main theoretical approaches to the exercise of Validation (i.e., with a focus on social simulation and IT software/platforms).
 - Identify the main components of an operational model needed for the implementation of the Validation framework.

 - b. Analysis of case-studies:
 - Two case-studies have been identified and analysed for the purpose of this deliverable, representing the basis as well for the future development of the validation framework: DRIVER+ Trial Guidance Methodology and UNSDIR.
2. Non-structured interviews with RESILOC Community of Gorizia (CGO) (February – July 2021)
- a. The exchanges with CGO and with the representatives of the Gorizia LRT around the needs, expectations, potential challenges regarding the Field Trial Validation have been carried out within the framework of the constant interaction required by the relationship between the two partners (i.e., CGO – RESILOC Community, ISIG – Project representative/facilitator of Gorizia Community).
 - b. To this end, issues regarding validation and evaluation as well as overall Trial planning have been brought out in meetings concerning different tasks of the project, as follows:

3.3.2 Next Steps

- Interactions and feedbacks at WP5 level for the purpose of D5.6 V2. It is envisaged that at least 2 meetings with the Gorizia Community (CGO partner) and members of the Gorizia LRTs, and at least one meeting with all four RESILOC Communities will be organised so to validate V2 of D5.6.
- **W**ithin the framework of the pre-trial meeting for Catania trial, the first ‘Validation Pack’ will be reviewed by the Catania Trial team in a dedicated participatory workshop.



4 Community Involvement - WP3

This section describes community involvement within WP3 – New Strategies for Improving Resilience. It provides a description of the activities that communities or their representatives have been involved in so far within WP3 as well as a description of any possible forthcoming activities of the WP3 tasks that communities or their representatives are planned to be involved in.

4.1 Current Status

This section presents the activities that communities or their representatives have been involved in so far within WP3.

Several meetings (virtual with West Achaia and Tetovo, in physical presence with Catania and Gorizia) have been arranged with the active participation of the local users and Tavistock (GRE, BUL), ISIG (ITA-GO) and IES (ITA-CT).

In specific, Municipality of Gorizia has been involved in WP3 with the following activities:

- Task 3.1 – Workshop with the Municipality of Gorizia hosted and facilitated by ISIG

Three Workshops have been organised in the first half of February 2021, which involved several representatives of CGO (see below). The purpose of the workshops was that of brainstorming around the resilience assessment framework, specifically early inputs on dimension, indicators and proxies, and touched upon preliminary structure for the Field Trial Validation Methodology.

- WS1 – Presentation of Framework: 1st February 2021. Participants: CGO Project Manager – CGO Head of Civil protection Service
 - WS2 – Integration of feedbacks: 8th February 2021. Participants: CGO Project Manager – CGO Head of Civil protection Service
 - WS3 – Testing of proposed Framework: 11th February 2021; Participants: CGO Project Manager – CGO Head of Civil protection Service, CGO Project officer
- Task 3.2 - Interview for 'Social Dimension' Indicator's validation and feedbacks (activity facilitated by ISIG) on 21st of April 2021. Participants: CGO Head of Civil protection Service, CGO Project officer.

During those meetings the structure of the proxy-indicator-dimension framework was discussed, with particular focus on the local needs (Scenarios), the availability of data and the interest in the use of the results of resilience assessment.

The process is still ongoing and will go on in parallel with the finalisation of the RESILOC platform and the set-up of the trials.

4.2 Action plan

This section provides a description of any possible forthcoming activities of WP3 that communities or their representatives are planned to be involved in.



Task 3.2 needs the user inputs for the identification of the most preferred and useful indicators and proxies.

Users will have to be included in the further activities for the definition of the indicators and proxies that will represent the basis for the trials and the recommendations to be included in WP7.

Therefore, there will be further workshops (virtual or in presence) organised.

In addition to the project partners, the participation of LRT members would be highly recommended.



5 Community Involvement - WP4

This section describes community involvement within WP4 – Implementation of RESILOC platform. It provides a description of the activities that communities or their representatives have been involved in so far within WP4 as well as a description of any possible forthcoming activities of WP4 tasks in which communities or their representatives are planned to be involved.

5.1 Current Status

This section presents the activities that communities or their representatives have been involved in so far within WP4.

WP4 organised 4 sprints for the verification of the technical progress against the user needs and the project workplan. During these meetings all the intermediate results have been presented to the users and they had the chance to comment, ask for adjustments/improvements and to align with the common understanding of the future use of the platform. In specific:

- Organisation of the RESILOC 1st Sprint on December 4, 2020 through a remote meeting for the presentation of the RESILOC Inventory mock-up, in which all partners of the consortium participated; the activity helped to verify the intermediate products and to collect comments, adjustments and improvements exposed/proposed by the users.
- Organisation of the RESILOC 2nd Sprint on April 26-27, 2021, through a remote meeting, where partners but especially users of the consortium were able to evaluate a first version of the RESILOC Inventory Web Application, providing feedback on the functionality shown and suggestions for future development.
- Organisation of a physical meeting in Catania (16-17-18 June 2021) with ISIG to discuss the structure of the proxy-indicator-dimension framework, collecting requirements for the further development of the RESILOC Inventory and sketching some mock-ups of the user interface.
- Organisation of the RESILOC 3rd Sprint through a remote meeting on September 10 and September 17, 2021, where the consortium users were involved in evaluating and collecting feedback on the complete version of the RESILOC Inventory Web Application, useful for the refinement of the final product.
- Organisation of the RESILOC 4th Sprint through a remote meeting on November 26 and December 3, 2021, where users of the consortium were involved in evaluating and collecting feedback on a first version of the RESILOC Cloud Platform and its related products (sensors, app and sentiment analysis tool).

In addition Participation in Coordination Meeting of WP3 and WP4, in which all partners involved in WP3 and WP4 activities discussed about the objectives of different tasks and the definition of intermediate goals for the three sprints planned for 2021.

5.2 Action Plan

This section provides a description of any possible forthcoming activities of WP4 that communities or their representatives are planned to be involved in.

In the next months, 2 sprints are planned, Sprint 5 in March 2022 and Sprint 6 in July 2022. All user communities will participate in these sprints having an active and important role in providing feedback to RESILOC tools and platform.



In addition to this, there will be the need for targeted meetings about the user interfaces and the trimming of the products related to the platform (sensors, app and sentiment analysis tool).



6 Community Involvement - WP6

This section describes community involvement within WP6 – Communication. It provides a description of the activities that communities or their representatives have been involved in so far within WP6 as well as a description of any possible forthcoming activities of WP6 tasks in which communities or their representatives are planned to be involved.

Within WP6 and in particular Task 6.2 – Local Resilience, the four communities, Gorizia, Catania, West Achaia and Tetovo, were involved in activities, meetings and interviews, for producing their Local Community Profile. The creation of the Local Community Profiles was an effort initiated by ISIG and applied to all four communities. The Local Community Profiles are intended as an informative companion to the project activities in WP5, WP6, WP7 and WP8. Their aim is to provide relevant information on RESILOC project local communities in terms of Community features, Hazards, Resilience stakeholders, Municipality functions, as well as outlining the Communication Plan, the Dissemination Template and the Resilience Strategy Building for the Preparedness Phase, tailored upon the specificities of every Community. These documents fall outside the formal scope of any deliverable but were produced so to gather all relevant information collected during the project life time and mainstream them into a functional summary for further activities in line with the 5 project ambitions set in D7.1 - Definitions and Ambition of RESILOC Recommendation (WP7, T7.1).

In addition, all local communities are involved in activities related to their LRT Communication strategy. Workshops with local communities and related task partners for the implementation of the LRT Communication strategy in all communities are to be organized after Trials Execution Plan is finalized.

Further interactions with all four RESILOC Communities, have also been carried out within activities related to WP6 with a focus on validation and evaluation elements.



7 Community Involvement - WP7

This section describes community involvement within WP7 – Recommendations on Strategies for Improving Resilience. It provides a description of the activities that communities or their representatives have been involved in so far within WP7 as well as a description of any possible forthcoming activities of WP7 tasks in which communities or their representatives are planned to be involved.

Interactions with all four RESILOC Communities, with a focus on validation and evaluation elements, have been carried out within activities related to WP7, as follows:

Task 7.1 – Validation workshop with communities. The activity took place on May 12, 2021 and was facilitated by ISIG.

The workshop aimed at gathering the feedback and insights of partners representing RESILOC Communities (i.e., end-users and project facilitators partners) on the consolidated draft of the Mission Document, part of Task 7.1 and Deliverable D7.1. The workshop enabled the finalisation of the Mission Document, which structures the way forward for the elaboration of future RESILOC Recommendations. Results and details of the Workshop have been reported in D7.1.



8 Community Involvement - WP8

This section describes community involvement within WP8 – Dissemination and Exploitation. It provides a description of the activities that communities or their representatives have been involved in so far within WP8 as well as a description of any possible forthcoming activities of WP8 tasks in which communities or their representatives are planned to be involved.

The involvement of the communities in the project’s dissemination activities, since the last report remained little. While the communities took a central role in dissemination actions were limited. This awareness was raised about the needs articulated from the communities during the projects dissemination events but it was only on few occasions that the communities spoke for themselves. Both communication and dissemination plans are describing a clear transition where the communities will be moved in the center of dissemination for the final project year to i) participate increasingly in the projects general dissemination events and ii) planning and executing community-centered dissemination campaigns within their communities. The following section will describe the community involvement implemented and planned activities for dissemination in line with the structure of the grant agreement.

8.1 T8.1 Dissemination Plan

The communities were involved in the strategic concept of the dissemination and communication plan from the beginning. The second version of the plan made them the most prioritized target group as they are the primary users of the RESILOC tools. The involvement of the actual partner communities in the projects dissemination activities (e.g., in presentations or other publications) was included as an authentic driver for peer to peer dissemination. Participation of communities in dissemination events were already considered but the local contribution of possible dissemination actions from communities to the 2nd release of the dissemination plan were not requested, as the local resilience teams were not yet advanced to contribute to the plan. Meanwhile the communities have developed high level individual dissemination plans as part of their local community profiles. Which are yet to be brought to practical detail. The next release of the dissemination plan sees a more detailed version of the individual dissemination plans of each partner community describing how communities will disseminate the RESILOC tools the concept of local resilience within the communities and how they will be engaged as speakers towards peers and other target audiences (e.g., policy makers) in the overall dissemination strategy.

8.2 T8.2 Dissemination Campaigns

A group was formed under the leadership of WNRI that met on various occasions to discuss the individual needs to mobilize participants and disseminate the RESILOC tools as well as the concept of resilience within the communities. Following the meetings individual campaigns need to be designed for the communities to make sure that the best possible impact will be reached. The following three meetings were held between the contributing partners WNRI, FhG, ISIG, RAN, NKUA, IES (Table 2):

Table 2: List of Meetings Dissemination Campaign Group

Session #	Date
1 st Session Initial Meeting	25.03.2021
2 nd Session Needs analysis	25.05.2021
3 rd Session Follow up	20.07.2021



The main outcome of the meetings was that the participants agree that dissemination in T8.2 is primarily functional i.e. action that leads to the engagement of LRTs and Citizens.

- Social media will play a role but it is not enough. The focus must be on content. Either the project will have to provide the communities / LRTs with content or with access to a budget to create content.
- Besides the content communities need to be equipped with facilitation incentives tailored to the communities.
- The communities need a developed localized plan on how to use the social media + incentives for LRTs on the one side and citizens on the other. The plan needs to be developed in conjunction with the local community profiles.
- The Dissemination Campaigns will be partially responsible for the validation of the tools including the sentiment analysis (social media) and the RESILOC App.

The Community of Gorizia has already drafted is a campaign plan and prepared a list of items that are required to make a successful impact within the community. The Campaign plan will be shared with the other communities to serve as a modifiable practice case.

Within the next 12 months all four communities with trial sites will be involved in planning and executing localized campaigns to support the local field trials and promote the RESILOC tools. The main actors of the main drivers of the campaign will be the LRTs and the overall coordination will be let by the Community representatives within the project consortium. The campaigns are also expected to produce content and citizens feedback that can be disseminated towards key target groups including policy makers and non-project related communities towards the end of the project.

8.3 T8.3 Dissemination Events

Within the first two years of the project the active involvement of the communities in the dissemination remained while the project constantly pursued a path in which it validated or coproduced the content to be disseminated with the partner communities. With increasing action on the ground increasing also communities saw more involvement in the dissemination events. Most dissemination action was taken by Commune di Gorizia (see Table below).

Table 3: List of Dissemination Events

Date	Event	Description
14 June 2021	Online meeting with the Department of Civil Protection of Friuli Venezia Giulia	During the meeting RESILOC project was presented to the head of the Regional Civil protection unit of Friuli Venezia Giulia and it has been an opportunity to share experiences and create synergies with the Regional Civil Protection for the planning of activities in the framework of the projects RESILOC and Crossit Safer, an ongoing project funded by the Interreg programme that aims at strengthening the institutional collaboration by stimulating public bodies and the main actors of the CP to plan joint solutions through coordinated measures of prevention, preparation and reaction to natural emergencies. The Municipality of Gorizia, invited therefore the head of the Regional Civil Protection to the event taking place on June 23 rd . Contacts will be maintained for combining future activities of the two projects in order to capitalize on both experiences and share activities and knowledge on the topic



		of resilience in a cross-border perspective.
14 June 2021	Public meeting with local stakeholders for their involvement in the LRT	It was an online meeting for the presentation of the project to the community and the presentation of the LRT, its goals and purposes. The participation was satisfying, with about 25 participants, representing: various local associations who work on the topic of disability, social vulnerability, and associations and bodies that have technical competences regarding emergency management. During the meeting feedbacks were collected so to have a more inclusive approach in structuring the LRT's activities. What emerged was the need of dividing the LRT into working groups based on the specific expertise and competences of each member.
01 July 2021	Visit to the Civilna Zascita (civil protection) of the Municipality of Šempeter-Vrtojba in Slovenia,	The team RESILOC of the Municipality of Gorizia visited the Civilna Zascita (civil protection) of the Municipality of Šempeter-Vrtojba in Slovenia, in order to involve them in the project activities and in the trial. The response was more than positive, with the Civil protection of Šempeter-Vrtojba engaging in involving other civil protection units of neighbor Slovenian Municipalities. The Municipality of Gorizia has then sent a formal invitation and short description of the project translated in Slovenian, so that the head of Šempeter-Vrtojba's civil protection unit will be able to extend the invitation to his neighbor colleagues.
07 September 2021	1 st RESILOC Project to policy seminar	The ComGo took part to the first Project to Policy WS, where the relevance of community engagement was presented, together with the activities carried out by the community of Gorizia in creating the Local Resilience Team in the project framework.
28 September 2021	National Congress of Executive Secretaries of Poland	The meeting had a dedicated time frame for Municipalities across different countries to share their experience on the covid-19 emergency management. The Municipality of Gorizia briefly shared its experience with covid 19, and then presented the relevance of its participation to RESILOC project and activities related to resilience against any kind of hazard. We presented the experience of the LRT of Gorizia and of community engagement.
19 October 2021	Presentation of RESILOC project to the volunteers of civil protection of Gorizia	The presentation was an occasion to further explore the details of the project and involve a higher number of people in the activities of the next months, especially in the trial preparation and implementation process.

All communities have started the planning for the dissemination action in the final year final project year. The dissemination plan describes dissemination events partially executed from the communities and partially from the LRTs. These Events are directed to citizens and other communities and include:

- Social Networking
- Workshops
- Webinars
- Meetings



- The production of videos in local language
- Possibly serious gaming

All actions will be designated to i) recruit citizens ii) promote the RESILOC APP. At the same time the LRTs have the opportunity to promote the general idea of resilience and a resilient community to local community stakeholders, citizens and local policy makers

The community involvement in dissemination activities will increase in the final project year following this plan along those local dissemination plans which will be included in the next version of the Dissemination plan D8.3 (M31)

8.4 T8.6 Standardisation

There was very little direct involvement of the actual standardisation activities from RESILOC. The communities are validating and verifying the assessment process that will eventually become a guideline to communities. But they are not part of the actual standardisation process.

An active community involvement, however, takes place in the CWA 17727 "City Resilience Development — Framework and guidance for implementation with a specific focus on historic areas" which is a joined effort from the projects (ARCH 820999), SHELTER (821282) and RESILOC (833671). This workshop includes members from various community representatives from communities outside the RESILOC project. The role of the communities for standardisation for the remaining project year is yet to be decided.

8.5 Other Dissemination events

The local communities were partially used in dissemination event by having the project's practitioners acting as the voice of the communities during the CERIS Events on 10 March 2021. The final project year will see more engagement of voices from the community during presentations on conferences (where applicable). It will be important for the project to add the community level to but the primary user group in the center of the dissemination activities.

Representatives from external communities will be invited as observers the RESILOC field trials to experience and understand the project results at first hand.



9 Community Involvement - WP9

This section describes community involvement within WP9 – Ethics Requirements. It provides a description of the activities that communities or their representatives have been involved in so far within WP9 as well as a description of any possible forthcoming activities of WP8 tasks in which communities or their representatives are planned to be involved.

This is a report on the ethics work developed in RESILOC since the last review. Its main purpose is to inform about the ethics' activities that have been done since July 2020 to July 2021, as well as what are the planned/expected ethics' activities in the coming months.

The section is organized following the temporal line of past activities and expected activities. Finally, it ends with a short reflection that serves as a conclusion.

9.1 Ethics' developments

In RESILOC, ethics has been an active front for the past few months since July 2020 with significant positive outcomes. The work has been mostly focused on the development of the following elements:

- **Submission of WP9 Deliverables:** this was an important milestone for RESILOC. Not only because of the accomplishment to finalize a WP, but also because it set the ethical grounds of the project on which the rest of the ethics work has been developed since then.
- The most important event while developing WP9 was the ethics session with the International Center for Ethics in the Sciences and Humanities (IZEW) of the Universität Tübingen ([website](#)). This event served as the factual starting point of ethics in RESILOC.
- **Self-Assessment Sheet (SAS):** from the development of WP9 Deliverables came the Self-Assessment Sheet. This is a questionnaire aimed at supporting and guiding RESILOC members through the RESILOC Ethics Framework and the legal requirements of GDPR². The SAS seemed to be well received amongst RESILOC members despite the increase of work that represents to some deliverables.
- **Ethics Risk Register:** alongside the SAS, the Internal Ethics Board set up the Ethics Risk Register. This is a document that overviews identified ethics risks in RESILOC, mainly from the information provided through the SAS. The Ethics Risk Register provides a horizontal approach to ethics and promotes transparency. Moreover, provides interconnection of ethical risks by cross-referencing WPs and project tasks.
- **Ethics guidelines, workshops and other documents:** to promote the RESILOC Ethics Framework as well as to move all project partners closer to an “ethical mindset”, the Internal Ethics Board developed the Ethics How-to-Guide and delivered an open workshop to all RESILOC members. Additionally, multiple one-to-one sessions were delivered with consortium partners. Finally, the Internal Ethics Board

² General Data Protection Regulation: European Parliament and European Council. (27. April 2016): Regulation (EU) 2016/679 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data (GDPR); URL: <https://eur-lex.europa.eu/eli/reg/2016/679/oj>



prepared accessible documents such as the Ethics Principles and updated documents such as the Combined Information Sheet and Informed Consent Form.

9.2 Ethics' Developments Involving Communities

Another front related to ethics since last July 2020, has been the development of ethics involving communities. The most relevant accomplishments have been:

- **DPOs:** the assignment of local Data Protection Officers (DPOs) with confirmation letters. The assignment of DPOs has been performed unilaterally by each of the communities by nominating a responsible person. A central repository with the information related to DPOs can be located in D9.5. Additionally, an updated list of all RESILOC's DPOs lays with the RESILOC Internal Ethics Board.
- **Ethics guidelines:** informing the Local Communities (LC) by email about the ethics guidelines. The aim of the activity was, on one hand, the increase amongst all RESILOC project members of Research Integrity and Research Ethics, and on the other hand, to promote the RESILOC Ethics Framework to align research practices to EU requirements.
- **Workshops:** the participation of LCs in the RESILOC Ethics Workshop with the aim to follow up the increase of awareness amongst project members of the necessity to consider ethics and incorporate the RESILOC Ethics Framework recommendations in day-to-day practices.
- **Document accessibility:** the translation of ethical principles onto local languages to reduce language barriers amongst project participants, in particular, LC. The activity consisted in a translation of the documents to the local project languages (Bulgarian, Greek, Italian, and Slovenian).

Even though Project Management would have desired additional involvement of the LC in RESILOC Ethics, this was not possible due to several reasons. The main ones, (i) because it was too challenging to involve LCs while the RESILOC Ethics Framework was being developed, and (ii) because the overall involvement of LC in RESILOC was quite limited. Nevertheless, it is important to highlight that involvement of LC has been increasing and further collaboration is expected.

9.3 Expected Ethics' Developments

The ethics' developments as of July 2021 focus on the involvement of LC and ethic's work required for the field trials. Therefore, the most relevant developments are the following:

- **Ethics briefings:** produce and send pre-trial ethics' briefings in local language to prepare LC members on ethics. The aim of the briefings is to achieve an ethical awareness of all RESILOC members and alignment with the RESILOC Ethics and GDPR legal requirements. For this activity, further coordination between WP5 and WP6 needs to be developed, and dates and place need to be assigned. Finally, coordination with the Internal Ethics Board will be required.
- **Workshops:** following the briefings, to deliver workshops with each community before each of the field trials. Following the same objective as the ethics briefings, the workshops will aim at achieving an ethical awareness of all RESILOC members and alignment with the RESILOC Ethics and GDPR legal requirements. Workshops must



be in their local languages to make sure that there is no loss of information. The audience of this activity will mainly be those participating in field trials (local communities from Gorizia, Tetovo, City of Catania and West Achaia). Dates/place for the workshop will be detailed closer to the field trials' dates.

- **Collaboration:** promote active collaboration with Local Resilience Teams (LRTs) as a bridge between what happens in the field and the RESILOC Ethics Framework and legal requirements. Further details on the specifics of collaboration will be developed in the coming months.
- **Field trials participation:** participation of the Internal Ethics Board in the field trials to overview practices developed in the field as well as to act as a reachable contact point for field participants. The aim is to overview alignment between practice and the RESILOC Ethics framework. Additionally, this meets the general requirements of Research Integrity and Research Ethics.
- **Ethics Risk Register:** invite and promote the participation of LC to monitor risk using the RESILOC Ethics Risk Register. Here, it is important to note that a new structure of the register is being put in place to guarantee participation in local languages. The aim of this activity is to provide equal access to all project participants by breaking down language barriers, while simultaneously providing transparency to ethics risks associated to the project. Details of the activity (such as final structure or process to provide input) need to be further developed in the coming months.
- **Monitoring:** active ethics monitoring to foresee ethics risks and implement mitigation measures related to the risk registry, showing the line that tights past-present-future in RESILOC ethics. This is an on-going activity that will be active for the duration of the project. Moreover, the ethics monitoring might provide several outcomes that at this stage are difficult to foresee. In other words, from the ethics monitoring, multiple events such as workshops, briefings, reports, and other types of activities could take place.

As covered in this report, RESILOC Ethics has been an active area since last July 2020, and it is expected to continue to be so for the coming year.

Moreover, Ethics in RESILOC have supported a less tangible accomplishment, which consists of increasing the ethical awareness amongst project members about the relevance of Research Integrity and Research Ethics in any research project. This is important not only because it is paving the way for future ethical requirements coming from the European Commission, but also because it supports the European vision towards a more inclusive society.



10 Catania Community Involvement

This section describes the involvement of the community of Catania, in two parts. The first part lists the activities and events that they have participated in, such as workshops, meetings and project events (e.g. sprints). The second part lists the activities and events that are planned to participate in, such as workshops, meetings and project events (e.g. sprints).

10.1 Current Status

This section describes the current involvement of the Catania community

- Participation to the RESILOC 1st Sprint on December 4, 2020 organized as a remote meeting for the presentation of the RESILOC Inventory mock-up (1st Sprint), in which all partners of the consortium participated; the activity helped to verify the intermediate products and to collect comments, adjustments and improvements exposed/proposed by the users.
- Participation in Coordination Meeting of WP3 and WP4, in which all partners involved in WP3 and WP4 activities discussed about the objectives of different tasks and the definition of intermediate goals for the three sprints planned for 2021.
- Participation to the RESILOC 2nd Sprint on April 26-27, 2021, through a remote meeting, where partners but especially users of the consortium were able to evaluate a first version of the RESILOC Inventory Web Application, providing feedback on the functionality shown and suggestions for future development.
- Participation to a physical meeting in Catania on June 16-18, 2021 with ISIG to discuss the structure of the proxy-indicator-dimension framework, collecting requirements for the further development of the RESILOC Inventory and sketching some mock-ups of the user interface.
- Participation to the RESILOC 3rd Sprint through a remote meeting on September 10 and September 17, 2021 where the consortium users were involved in evaluating and collecting feedback on the complete version of the RESILOC Inventory Web Application, useful for the refinement of the final product.
- Participation to the RESILOC 4th Sprint through a remote meeting on November 26 and December 3, 2021, where users of the consortium were involved in evaluating and collecting feedback on a first version of the RESILOC Cloud Platform and its related products (sensors, app and sentiment analysis tool).
- Participation in a pre-trial meeting on December 15, 2021, remotely, where the final details concerning the script and the validation plan were reviewed and updated. Furthermore, details about the profile of the LAs' and LRTs' members that will participate were discussed and finalized.

10.2 Action plan

This section presents the action plan for the upcoming involvement of the Catania community.

The community of Catania will participate to the RESILOC 4th Sprint planned for March 2022 and to the RESILOC 5th Sprint planned for July 2022.



The community of Catania, including the LRT, will also participate in three workshops and as well as other meetings that will be needed as part of the preparation for the 1st RESILOC trial which will take place in Catania. As already stated, the initial planning was challenging to be followed, especially because of the 4th wave COVID-19 that brought many cases (infected persons) among the community participants and other stakeholders. For that reason, all the physical joint activities were reevaluated and decided to be executed remotely. The workshops objectives were defined as dual, firstly to prepare and train the LRTs regarding the RESILOC platform use and secondly to feedback the TMT to review as necessary the trials roadmap. Hence, the subjects of the three workshops are:

- to provide the understanding and the proper knowledge for the identification of the DIPs
- to review and update the script and the relevant indicators and proxies, including the ways to collect data
- to expound the scenario roles and the validation activities needs

Afterwards, during the validation second phase, which is the data collection process, the data will be acquired, systemized, and validated through a targeted workshop with the participation of LRTs and the LAs.

At the final step of the trial, extended training, dry-run, and demonstration, data assessment (quality checks and weights assignation) will take place. The feasibility of data gathering will be explored and validated based on the results of the actual process of the second validation phase mentioned before. The weight of the selected data (indicators and proxies) will be examined regarding the realistic situation, based on the LAs' and LRTs' live experience. As an integrated performance test, a pre-dry run event, where a synthetic scenario will be executed, is planned. The outcome of this assessment will be used to detect also the system pitfalls.



11 Gorizia Community Involvement

This section describes the involvement of the community of Gorizia (Comune di Gorizia – Municipality of Gorizia) in two parts. The first part lists the activities and events that they have participated in, such as workshops, meetings and project events (e.g. sprints). The second part lists the activities and events that are planned to participate in, such as workshops, meetings and project events (e.g. sprints).

11.1 Current Status

This section describes the current involvement of the Gorizia community in 2021:

- 01 February: Task 3.1 – Workshop with the Municipality of Gorizia hosted and facilitated by ISIG: WS1 – Presentation. (Participants: CGO Project Manager – CGO Head of Civil protection Service)
- 08 February: Task 3.1 – Workshop with the Municipality of Gorizia hosted and facilitated by ISIG: WS2 – Integration. (Participants: CGO Project Manager – CGO Head of Civil protection Service)
- 11 February: Task 3.1 – Workshop with the Municipality of Gorizia hosted and facilitated by ISIG: WS3 – Testing. (Participants: CGO Project Manager – CGO Head of Civil protection Service, CGO Project officer)
- 21 April: Task 3.2 - Interview for ‘Social Dimension’ Indicators validation and feedbacks (activity facilitated by ISIG). (Participants: CGO Head of Civil protection Service, CGO Project officer).
- 20-21 April: WP4 – 2nd Sprint. (Participants: GFO project manager, CGO project officer Sara Vidoz, head of civil protection service).
- 21 April: Task 5.1 – Workshop with LRT Members (activity facilitated by ISIG). (Participants: project manager CGO Head of Civil protection Service, CGO Project officer, Italian Red Cross - President of the Gorizia branch, 2 volunteers)
- 12 May: the Municipality of Gorizia took part in the “RESILOC WP7/T7.1 - Mission document Validation Workshop” together with the other RESILOC Communities, organized and facilitated by ISIG. During the workshop the mission document was presented to the RESILOC communities for further inputs and validation. The purpose was to collect feedback on the mission document and to integrate the document with the feedback collected. (Participants: 3 CGO project officers)
- 19 May: the Municipality took part in the online workshop “WP4 Tech offers to the project” organized by IES Solutions. (Participants: CGO project officer). The aims of the meeting were the following:
 - Presenting WP4 tech offers to the project
 - Focus on the practical outcomes: What Experts and local communities will do with the Inventory & Platform; What LRT and Citizens will do with the APP and how the expert will gain benefit of its use; How to use Sensors and which sensors; How to use Social Media (Sentiment Analysis).
 - Discussion on what will be implemented.



- 20 May: the Municipality of Gorizia participated in an online meeting on “Good practices exchange among end users”, in which the Slovenian earthquake event rapid response toolbox was presented by the community of Kamnik (Slovenia). The platform presented allows anyone to check on the level of resistance and security of their houses/buildings. It was a very helpful presentation that provided good experience exchange and dialogue among the communities involved in RESILOC. (Participants: 3 CGO project officers)
- 04 June: the Municipality took part in the “WP4 sprint planning confcall” held through an online platform. The meeting was organized by IES Solutions. During the meeting, the project partners discussed on the wp4 sprint planning, gathering feedback and ideas from the participants. (Participants: CGO project officer)
- 07 June: Task 6.2 – Interviews for the Local Community Profile – Gorizia (activity facilitated by ISIG). The Municipality of Gorizia had a meeting with ISIG in order to work on the Local Community Profile of Gorizia. The meeting took place in the Municipality offices. During the meeting, we worked on the chapter "The Preparedness Phase: Resilience Strategy Building". Reference to the priority 4 of the Sendai Framework was made regarding risk management in RESILOC communities. (Participants: CGO project officer and head of civil protection service)
- 09 June: the Municipality of Gorizia took part in an online workshop with ISIG, JSI and IES solutions. The purpose of the meeting was to identify the specific needs of the Community of Gorizia regarding the social media, the app- and sensors-related tools. The information exchange was really helpful for the work ahead, since it was an opportunity to build tailor-made strategies and tools for Gorizia. (Participants: CGO project officer and head of civil protection service)
- 14 June: an online meeting was held with the Civil Protection of Friuli Venezia Giulia. During the meeting RESILOC project was presented to the head of the Regional Civil protection unit of Friuli Venezia Giulia and it has been an opportunity to share experiences and create synergies with the Regional Civil Protection for the planning of activities in the framework of the projects RESILOC and Crossit Safer, an ongoing project funded by the Interreg programme that aims at strengthening the institutional collaboration by stimulating public bodies and the main actors of the CP to plan joint solutions through coordinated measures of prevention, preparation and reaction to natural emergencies. The Municipality of Gorizia, invited therefore the head of the Regional Civil Protection to the event taking place on June 23rd. Contacts will be maintained for combining future activities of the two projects in order to capitalize on both experiences and share activities and knowledge on the topic of resilience in a cross-border perspective. (Participants: CGO project officer, head of civil protection service project manager)
- 23 June: the Municipality of Gorizia held a public meeting with local stakeholders for their involvement in the LRT. It was an online meeting for the presentation of the project to the community and the presentation of the LRT, its goals and purposes. The participation was satisfying, with about 25 participants, representing: various local associations who work on the topic of disability (FISH, UILDM, Diritto di Parola, Anffas, Consulta regionale delle associazioni delle persone con disabilità e delle loro



famiglie del FVG), social vulnerability (Caritas), and associations and bodies that have technical competences regarding emergency management (Italian Red Cross, regional civil protection unit, Associazione Radioamatori Italiani - ARI). During the meeting feedbacks were collected so to have a more inclusive approach in structuring the LRT's activities. What emerged was the need of dividing the LRT into working groups based on the specific expertise and competences of each member. (Participants: CGO project officer, head of civil protection service project manager)

- 29 June: A meeting with ISIG on stakeholders/lrt continuous involvement was held at ISIG offices. The team discussed future developments of the LRT engagement strategy and the work that will have to be developed. The focus was kept on the methodology and approach to be used, in collaboration with WP5 lead partner. (Participants: CGO project officer, head of civil protection service project manager)
- 30 June: the project responsible held a meeting with the contact person of the "Punto Giovani" (Youth Center). It was an opportunity to dig in the possible collaboration and level of involvement of the Punto Giovani in the LRT and the project itself. (Participants: CGO project officer)
- 30 June: the RESILOC Team sent via email the link to the EU survey related to the registration form addressed to the members/stakeholders of the LRT (local associations/private citizens/etc.). Through the survey the Municipality is collecting the adhesions by the local associations both recently invited and already involved in the process until now.

Moreover, throughout the month of June several contacts and calls were made with the Italian Red Cross, to keep in touch and investigate on the possibilities ahead deriving from the participation of the CRI team to the project and LRT.

- 01 July: The team RESILOC of the Municipality of Gorizia visited the Civilna Zascita of the Municipality of Šempeter-Vrtojba in Slovenia, in order to involve them in the project activities and in the trial. The response was more than positive, with the Civil protection of Šempeter-Vrtojba engaging in involving other civil protection units of neighbor Municipalities. The Municipality of Gorizia will then send a formal invitation and short description of the project translated in Slovenian, so that the head of Šempeter-Vrtojba's civil protection unit will be able to extend the invitation to his neighbor colleagues. It was agreed that future discussion and meetings will be made possible also through proper translation means since the representatives of the Šempeter-Vrtojba's civil protection do not speak English and the representative of the Municipality of Gorizia do not speak Slovenian. (Participants: CGO project officer and head of civil protection service)
- 07 July: Task 6.2 – Interviews for the Local Community Profile – Gorizia (activity facilitated by ISIG). (Participants: head of the Statistics office of Gorizia)
- 30 July: an online workshop took place on Friday July 30th in which the RESILOC trial structure and purpose were presented to the members of the LRT that have joined the team so far. The meeting is part of what has been defined, in accordance with ISIG, the "trial preparation process", a process structured by the Municipality and ISIG, in which the LRT members are given the information needed to fully understand the purposes of the project, the trials and the LRTs themselves. This has been and

will be done through several meetings/workshops in order to provide all tools to the members to participate in the project. (Participants: CGO project officer, head of civil protection service, project manager, 2 CGO project officers).

Throughout the month of July 2021, the Municipality of Gorizia has received and analyzed the forms filled in by local stakeholders in order to formalize the LRT composition.

Also throughout the summer the Municipality of Gorizia, together with ISIG, has been planning and structuring the LRT trial preparation process, in order to start off in September working in subgroups and focusing on the specific topics covered by the project and the design of the trial.

11.1.1 Communication activities

- Visual identity: the Local Resilience Team logo was designed by an intern of the Municipality together with the support of the contact person of the Punto Giovani (Youth Point), which was already involved in the project and LRT. The logo is now used for communication purposes on the FB page, on presentations, flyers/posters, etc.
- Facebook: At the beginning of June 2021, the LRT Facebook page was launched by the Municipality of Gorizia with an average of 2 posts per week. The contents posted are mostly related to the project itself and the relevant meetings done in the project framework. The contents are often shared by the RESILOC official page and other project partners and colleagues from the Municipality. Below (Figure 1), a screenshot of the FB page (<https://www.facebook.com/LRTGorizia.RESILOC>)

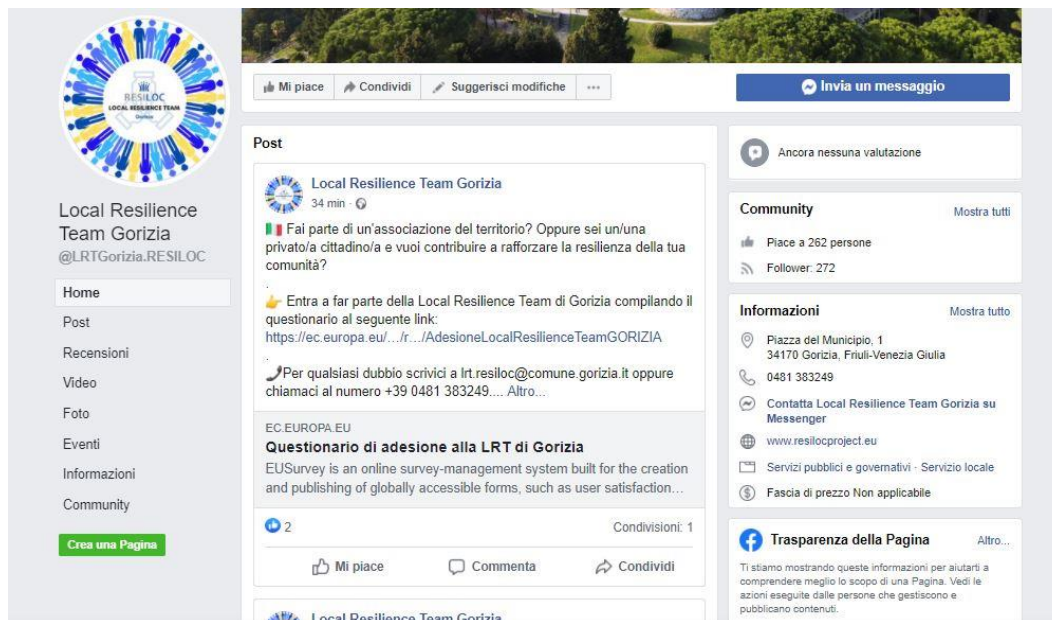


Figure 1: Local Resilience Team of Gorizia page on Facebook

- Website:

Moreover, the official website of the Municipality was updated with the information about the project both in the homepage <http://www.comune.gorizia.it/it> (Figure 2) and in a dedicated section <http://www.comune.gorizia.it/it/progetto-resiloc-resilient-europe-and-societies-innovating-local-communities> (Figure 3).



Figure 2: Municipality of Gorizia website – homepage

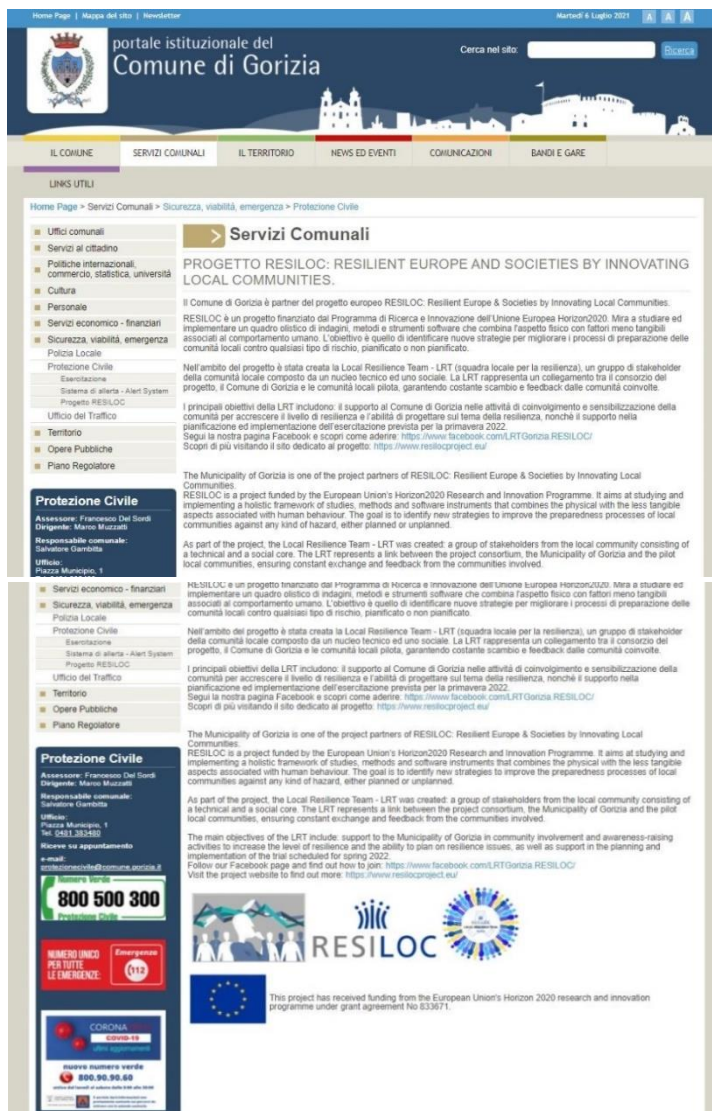


Figure 3: Municipality of Gorizia website – dedicated section



11.2 Action Plan

This section presents the action plan for the upcoming involvement of the Gorizia community.

The community of Gorizia, including the LRT, will also participate in two workshops and as well as other meetings that will be needed as part of the preparation for the 2nd RESILOC trial which will take place in Gorizia in March 2022.

The community of Gorizia will participate to the RESILOC 4th Sprint planned for March 2022 and to the RESILOC 5th Sprint planned for July 2022.

In the next months, the Municipality of Gorizia is also planning on publishing a few articles about the project and the LRT on local newspapers.



12 West Achaia Community Involvement

This section describes the involvement of the community of West Achaia (Municipality of West Achaia) in two parts. The first part lists the activities and events that they have participated in, such as workshops, meetings and project events (e.g. sprints). The second part lists the activities and events that are planned to participate in, such as workshops, meetings and project events (e.g. sprints).

12.1 Current Status

This section describes the current involvement of the West Achaia community

- Webinar “Trans-boundary Resilience in a 21st Century of Trans-boundary Crises”. The webinar took place on 10 June 2021 from 14h00 to 16h30 PM CET. The topic of the webinar is described in the following lines. The 21st Century is the century of trans-boundary crises. The 2006 European blackout, the financial crisis of 2007-8, Ebola outbreaks, the wildfires of 2017 and 2018, and the COVID-19 pandemic are examples of trans-boundary crises, ‘characterized by the potential to cross geographic and functional boundaries, jumping from one system to another’. They have shaped, and will continue to shape, social life, and they are exacerbated by the planetary climate change crisis. Poverty and inequality, strained health services, struggling economies, disrupted mobilities, extreme weather events are felt across the boundaries of countries, organisations, and communities. Trans-boundary crises are ‘the ultimate nightmare’ for crisis managers, because they cut across multiple domains and have multiple manifestations, escalate rapidly, and are hard to predict in onset and evolution. There are multiple actors with conflicting responsibilities, and there are no ready-made solutions. It is, therefore, important to strengthen trans-boundary resilience, but how?
- The webinar was organized by PSCE Secretariat. Speakers were from several organizations such as European Commission, Center for Catastrophic Risk Management, University of California, Berkeley, Swedish Defence University, Department of Organization Sciences of the Faculty of Social Sciences of the VU University Amsterdam.
- Workshop with Communities on Ethics Issues. The workshop was developed within the framework of T7.1 – Definitions and ambitions of the RESILOC recommendations. It was aimed at gathering feedback on the Mission Document for the RESILOC Recommendations that was developed under Task 7.1. The Mission Document aims to set the definitions and ambitions of the RESILOC Recommendations that will be developed within the framework of WP7 tasks by the end of the project. The workshop took place on Wednesday 12th May, 9.00-11.00 CET via Webex platform. The methodology of the workshop consisted of the presentation of D7.1 approach/conceptual outline, the presentation of the proposed Mission Document, interactive sessions in which participants’ feedback will be gathered. Feedback will be noted and considered for further integrations/modifications of the presented research milestones/instruments. Results of the workshop will be reported in D7.1 in aggregated form and no personal data aside from the participant role in the project



will be kept after the workshop. Regarding selection criteria of participants, the partners representing RESILOC Communities (end-users and project facilitators) and members of the Coordination Team have been chosen as relevant for the purpose of this exercise because of their role within the project. The organizations that participated in the workshop were ISIG, Fraunhofer, Tavistock Institute, IES, Municipality of Catania, Bulgaria Red Cross, National and Kapodistrian University of Athens, Municipality of West Achaia.

- MWA participated in the Webinar of User Groups Meeting organised by Kamnik community on Thursday, 20. May, 10.00-12.00 CEST. In the meeting Dr. Primož Banovec presented Potrog system, followed by a fruitful discussion. The organizations that participated in the meeting were ISIG, Fraunhofer, Tavistock Institute, IES, Municipality of Catania, Bulgaria Red Cross, National and Kapodistrian University of Athens, Municipality of West Achaia.
- Webinar FRMC Tool from Zurich Flood Alliance. In this webinar a presentation of the FRMC tool was given by the Leader of the Flood Resilience Program at Zurich Insurance Company. Although the FRMC tool (<https://floodresilience.net/frmc/>) is applied only to flood and does not touch many aspects RESILOC is working on, it was anyway a very useful opportunity to see how an operational tool looks like. Michael was asked to give a “hands-on” demonstration, skipping most of the background model on which the FRMC is based (that was presented to some of us some months ago), therefore it should be particularly useful for the implementing team. It was stressed that we are not planning to design and implement a RESILOC-version of the FRMC. The purpose of the demonstration was not to see how our tool will have to be, quite opposite. It is to see first-hand the strengths and the limitations of their approach so that we can get good ideas for our platform. The organizations that participated in the meeting were ISIG, Fraunhofer, Tavistock Institute, IES, Municipality of Catania, Bulgaria Red Cross, National and Kapodistrian University of Athens, Municipality of West Achaia.
- DRS01 Cluster Conference. The conference took place online on 4 February 2021. The objective of the event was to learn more about the other cluster projects and to engage in an open dialogue about joint cooperation, creating a baseline for closer interaction, build-up on synergies and generation of added value collaboration. The organizations that participated in the meeting were ISIG, Fraunhofer, Tavistock Institute, IES, Municipality of Catania, Bulgaria Red Cross, National and Kapodistrian University of Athens, Municipality of West Achaia.
- Webinar: Assessing Risk Through Data Driven Decision Making. The webinar took place on May 6, 2021. In this session, the Head of Disaster Analytics for Society Lab at NTU talked about the latest climate science and what it means for establishing resilience in emerging cities. The Lead Resilience Planner and Acting Chief Resilience Officer for the City of Vancouver discussed the city’s work on implementing state-of-the-art hazard modelling tools to reduce risk through land-use, zoning, and urban design. She also discussed the city’s efforts to engage residents, businesses, and community groups in testing ideas about the resilience of their own communities.



- Webinar Urban Resilience After COVID Crisis- EURegionsWeek 2020! The webinar took place on 16/10/2020
- Webinar Resilience Of EU Innovation Ecosystems, on 14/10/2020
- Enviro risks Conference 2020 –Workshop on 30.09.2020
- Workshop How To Use The Platform
- Telco About The Platform Design
- Meeting on Resilience Indicators Validation

12.2 Action Plan

This section presents the action plan for the upcoming involvement of the West Achaia community.

The community of West Achaia will participate to the RESILOC 4th Sprint planned for March 2022 and to the RESILOC 5th Sprint planned for July 2022.

The community of West Achaia, including the LRT, will also participate in two workshops and as well as other meetings that will be needed as part of the preparation for the 4th RESILOC trial which will take place in West Achaia in July 2022.

The Municipality of West Achaia in co-operation with the National and Kapodistrian University of Athens and HMOD is going to arrange a community user meeting for trials and users. The LRT is going to attend and to participate with topics such as:

- Trials-when and where
- What will be trailed
- Who will be involved
- The roles as a user
- Your Role as an ‘LRT’ Member
- Field Trial Structure

The Municipality of West Achaia is also going to organize events that are going to prepare the LRT members on how to use the app of the RESILOC platform.

The Municipality of West Achaia is going to arrange tutorials for the departments of civil protection, fire fighters, resilience expert, local managers, community administrator and is going to explain to them, step by step, how to use the platform.

They are also going to arrange events and to do the preparation for the trial design and for the logistics.



13 Tetovo Community Involvement

This section describes the involvement of the community of Tetovo (Municipality of Tetovo) in two parts. The first part lists the activities and events that they have participated in, such as workshops, meetings and project events (e.g. sprints). The second part lists the activities and events that are planned to participate in, such as workshops, meetings and project events (e.g. sprints).

13.1 Current Status

This section describes the current involvement of the Tetovo community.

The trainings executed with the members of LRT:

- Theoretical and practical training of volunteers to response to floods and follow-up crises - 6 participants, 3 day training provided by trainers from GD Fire safety and protection of population, Mol
- Training "Community User Meeting Trials and Users" with the participation of representatives of the LRT in the village of Tetovo, August 9th, 2021.

With participation of 15 members of LRT, including Mayor of village of Tetovo and representatives of local school, kindergarden and the local cultural center /tshitaliste/. Basic topics discussed are stage of implementation of the project, future steps and what is expected to be done.

- Participation in an information event in Ruse, August 10th, 2021

On August 10th, 2021 in the press hall of Ruse regional administration an information event / seminar was held. The main topics were general activities of BRC for protection of population in case of disasters. As part of those activities international projects implemented by BRC in the region were presented with special stress on RESILOC project.

Two Deputy Regional Governors of Ruse participated in a seminar dedicated to the DRR activities of the Bulgarian Red Cross. During the event, detailed information was presented on what citizens should do in the context of various disasters and accidents, and various measures to improve coordination between emergency institutions were also discussed.

The Bulgarian Red Cross is actively working on adequate response in cases of crisis and also for the prevention of such events. BRC also works on many international projects, some of which are scientific and even related to the development of new models for risk assessment of certain disasters. However, the lack of detailed information at regional and local level on past events is considered a problem.

The event was also attended by the Mayor of Ruse Municipality, who emphasized the role of the Bulgarian Red Cross in the modern world, where there are many man-made hazards. Representatives of all municipalities of Ruse region were present and also representatives of all emergency services from the region.

The event was also attended representatives of the Bulgarian Red Cross. Among them were the chairperson of the Municipal Organization of the Bulgarian Red Cross,



the director of the Secretariat of BRC in Ruse and a representative from the HQ of humanitarian organization in Sofia.

Among others the activities of RESILOC project were presented.

The RESILOC coordinator for Bulgaria gave interview to the regional radio station in Ruse.

- Training "Basic knowledge and techniques for first aid in disasters, accidents and crises" - October 2021.
- Training "Psychosocial support in disasters, accidents and crises" - October 2021.

13.2 Action Plan

This section presents the action plan for the upcoming involvement of the Tetovo community.

The community of Tetovo will participate to the RESILOC 4th Sprint planned for March 2022 and to the RESILOC 5th Sprint planned for July 2022. The community of Tetovo, including the LRT, will also participate in two workshops and as well as other meetings that will be needed as part of the preparation for the 3rd RESILOC trial which will take place in Tetovo in May 2022.

Events planned:

- Training "Community & LRT Engagement in Trials. Role of LRTs for Ethics" for selected members of LRT, training will be delivered in cooperation with BILSP – time and location TBC.



14 Kamnik Community Involvement

This section describes the involvement of the community of Kamnik (Municipality of Kamnik) in two parts. The first part lists the activities and events that they have participated in, such as workshops, meetings and project events (e.g. sprints). The second part lists the activities and events that are planned to participate in, such as workshops, meetings and project events (e.g. sprints).

14.1 Current Status

This section describes the current involvement of the Kamnik community.

A meeting/interview took place on 12.10.2020, as a conference call, with participants CP Kamnik, ACPDR, RESILOC PR. The topic and purpose of the meeting was Revision and Trial Design, and LRT Preparation. Within this interview, several questions have been answered: about the selected hazard for the locality, about routine exercising and practicing, about the locality's potential exercise plans for 2022, about the locality's crises structures and about formation of the locality's LRT.

A meeting took place on 18.1.2021 for review and comments on the Plan for interviews/workshops to validate RESILOC dimensions with users (Social- RESILOC dimensions, indicators, and proxies). Participants were ACPDR. The purpose of the meeting was the Preparation of the Plan for interviews/workshops to validate RESILOC dimensions with users (Social- RESILOC dimensions, indicators, and proxies). The result was an agreed Plan for interviews/workshops to validate RESILOC dimensions with users (Social- RESILOC dimensions, indicators, and proxies).

A meeting took place in January 2021 for review of the RESILOC Trial Guidance draft document. The purpose of the meeting was the finalisation of the Trial Guidance document. ACPDR, RESILOC PR and CP Kamnik participated in the virtual meeting.

ACDPR participated in a WP4 workshop on sensors, social media data and potential proxies, which took place, virtually, on 12.2.2021.

Webinar: CERIS – Community of European Research and Innovation for Security. ACPDR participated in the webinar which took place on 10.3.2021. The aim of the webinar was the support of science to the implementation of the Sendai Framework for DRR, connecting in the area of research and development. RESILOC project and other projects within the DRS01 (Disaster Resilient Society) cluster were presented.

A web meeting took place on 22.3.2021, with the participation of ACPDR, RESILOC PR and others. The topic of the meeting was the preparation on four final tests in four different local communities. In the meeting it was decided that ACPDR and CP Kamnik representatives will take roles of evaluators/observers in the field trials.

A meeting for a joint work/interview took place in April 2021, with the participation of ACPDR, RESILOC PR and CP Kamnik. The purpose of the meeting was the preparation, translation and conduction of the interview on social dimensions of local communities of the resilience. There was a discussion and the view of the role of social dimension on the resilience, with preparation of mid-range theories from Tavistock.

ACDPR PR participated in the WP7 workshop that took place on 12.5.2021. The topic of the workshop was Recommendations on strategies for improving resilience, Mission document D7.1.



Several workshops and meetings took place as preparation activities on the participation of the cluster DRS-01 at the European Forum for Disaster Risk Reduction, from February until July (to be continued) with ACPDR PR and others. Further preparation on the participation of the cluster DRS-01 at the European Forum for Disaster Risk Reduction (November 2021)

Preparation to the meeting of RESILOC project members with representatives – policy makers from EC and UN DRR, 6 and 7 September 2021.

14.2 Action Plan

The community of Kamnik will participate to the RESILOC 4th Sprint planned for March 2022 and to the RESILOC 5th Sprint planned for July 2022.


It was decided that ACPDR and CP Kamnik representatives will take roles of evaluators/observers in the RESILOC field trials in February 2022, March 2022, May 2022 and July 2022.



15 Conclusion

The deliverable reports community involvement activities in each of the five local communities, namely West Achaia, Gorizia, Catania, Tetovo and Kamnik, as well as within the related work of project work packages, namely WP3, WP4, WP5, WP6, WP7, WP8 and WP9. Community involvement and continuous feedback activities vary across communities, with the case of Gorizia being the most active. The rest of the communities are encouraged to follow the successful example of Gorizia to the extent this is feasible and fit, so as to continue and further enhance their activities, with necessary adjustments for their specific characteristics, conditions and challenges. Community involvement and continuous feedback is also a strong constituent of the project work across all WPs, in line with the end user engagement strategy, and it is expected to be further intensified during the trial preparation and execution.

VII. Appendix A: RESILOC ethics self-assessment sheet

RESILOC		RESILOC ethics self-assessment sheet								
This document is a self-assessment sheet that must be filled out by owners of RESILOC deliverables. This is to ensure that research and/or development activities related to each project deliverable comply with requirements of RESILOC Guidelines on Ethics and Data Protection (GDPR).										
This RESILOC ethics self-assessment sheet must be used as part of each project deliverable that involves humans either in an active (e.g. data subjects) or passive (e.g. affected by tools) manner. Project reports (e.g. management or financial reports) are not required to undergo this ethics assessment.										
This document is an important exercise part of the RESILOC Ethics Framework as it allows the owner of each RESILOC deliverable to reflect on ethical consideration and data protection requirements in a structured and approved manner before submitting the document to the Commission for review.										
The document shall be used in line with the RESILOC Ethics Framework including the guidelines and procedures under deliverables D9.1 to D9.12 (all documents are made available on the RESILOC Own Cloud). The ethics self-assessment sheet must be included as the 1st Appendix A of the each RESILOC deliverable. In addition to filling out the sheet, authors must provide explanations of the answers given on the main table. Such explanations must be provided in the methodology section of the deliverable using the headline "Ethics Considerations and Data Protection". The ethics self-assessment sheets of private deliverables must be assessed through the responsible position within the issuing organisation. However, for public deliverables, the ethics self-assessment sheet must be approved by the RESILOC Internal Ethics Board. For that, please send this document to the Internal Ethics Board.										
For Information or assistance contact:				helena.marruecos@iml.fraunhofer.de						
The self-assessment was conducted by:				The self-assessment was approved by:						
Name	Peggy			Name	Nadejda					
Surname	Papadopoulou			Surname	Miteva					
Institution	NKUA			Institution	BILSP					
Date	16/1/2022			Date	21/1/2022					
							yes	no	n/a	
G	GENERAL									
a	Did the research for this deliverable involve the collection of personal data?							X		
b	Does this deliverable, and the activities that have fed into it, comply with Regulation (EU) 2016/679 known as GDPR and 2002/58/EC Directive on privacy and electronic communications?						X			
c	Does this deliverable, and the activities that have fed into it, comply with the relevant national data protection and privacy laws, codes of practice and guidelines?						x			
d	Are there any ethics risk identified related to your work under this deliverable?							x		
1	Human Participation/ Informed Consent									
1.1	Procedures and criteria that will be used to identify/recruit research participants (D9.1)									x
a	Did the research for this deliverable involve the recruitment of research participants? (<i>this includes surveys and interviews</i>)									
b	Did you identify selection, inclusion, & exclusion criteria?									



1.2	Recruitment of respondents via social media (D9.4)						x
b	Were special measures taken to ensure that the participants are adults?						
c	Did the research for this deliverable involve data collection using social media?						
d	Were measures taken to use only public profiles for the collection of data?						
		yes	no		yes	no	n/a
1.3	Use of the informed consent forms and Info sheets to recruit research participants (D9.2)						x
a	Consent Form was issued						
b	Information sheet was issued						
c	Combined sheet was issued						
				Issued in local language			
1.4	Use of the informed consent forms and information sheets on data processing (D9.9)						x
a	Consent Form was issued						
b	Information sheet was issued						
c	Combined sheet was issued						
				Issued in local language			
2	Organizational measures						
2.1	Data Protection Officer or contact person (D9.5)						x
a	Do you have a Data Protection Officer or contact person for participants?						
b	Was this contact mentioned on the Informed Consent Forms?						
3	Technical measures						
3.1	Technical safeguard mechanisms for handling of personal data (PD) and special categories of personal data (SCOPD) (D9.6 / D9.8) (SCOPD include information such as ethnic origin, political opinions, data concerning health, etc. For more details see Article 9(1) GDPR).						x
a	Did the research for this deliverable involve the collection of SCOPD? (D9.6)						
b	Which mechanisms were used to safeguard the personal data collected?						
	Pseudonymisation			anonymization			
	Encryption			other (<i>specify in the line below</i>)			
	access restriction						
3.2	Data minimisation (D9.7)						x
a	Has as little as possible data been collected throughout the research process?						
b	If more data was collected than initially needed, did you ensure the data was deleted?						
3.3	Data profiling (D9.10)						x
a	Was or will the data collected in the deliverable be used for data profiling?						
b	Were all data subjects informed of the profiling and its possible consequences? (as part of the Inform Consent Form and the Information Sheet)						
c	Were sufficient measures in place to safeguard their fundamental rights?						
3.4	Processing of previously collected personal data (D9.11)						x
a	Did you obtain consent to use personal data from previously executed research?						
b	Are technical/organisational measures required to safeguard the rights and freedoms of the data subject according to EU and national legislation in place in your organisation?						
4	Other Issues of ethical concern						
a	Were there any other ethical considerations detected during the work of this deliverable that are not covered by the list above?						x
b	If yes, please list the concerns below and elaborate on the related counter measures in the methodology section of this document						



B cont.								
5	Opinions/approvals provided by ethics committees and other experts							
5.1	Following documents received opinions/approvals provided by ethics committees and other experts for the research conducted for this deliverable.							
			yes	no		yes	no	n/a
a	Informed Consent Forms and Information sheet	IEB			EEA			X
		DPO			LEB			
b	Questionnaires / Surveys	IEB			EEA			X
		DPO			LEB			
c	Design /Methodology of research activity	IEB			EEA			X
		DPO			LEB			