

Deliverable 1.10

D1.10 Minutes of Meeting of the RISE management board conducted

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Summary

This document is the sixth and final deliverable (D1.10), which summarizes the Management Board Meetings' Minutes. It contains the collection of three Management Board (MB) Meetings during the six-months period between September 2022 and February 2023. This deliverable has been prepared by WP1 and reviewed by the MB.

The following MB Meetings have been held during the abovementioned period:

- 17th MB Meeting on 02/09/2022
- 18th MB Meeting on 04/11/2022
- 19th MB Meeting on 12/01/2023

The MB is in charge of the operational management (decision process, risk assessment, information flows) of the RISE implementation and of ensuring the cohesion of the whole RISE community. The members of the Management Board are as follows:

- Stefan Wiemer, ETH Zurich (RISE Coordinator)
- Banu Mena Cabrera, ETH Zurich (RISE Manager & WP1 Leader)
- Ian Main, UEDIN (WP2 Leader)
- Warner Marzocchi, UNINA (WP3 Leader)
- Iunio Iervolino, UNINA (WP4 Leader)
- Remy Bossu, EMSC (WP5 Leader)
- Helen Crowley, EUCENTRE (WP6 Leader)
- Danijel Schorlemmer, GFZ (WP7 Leader)
- Michele Marti, ETH (WP8 Leader)
- ❖ Florian Haslinger, ETH (EPOS Representative, present in some of the MB meetings)

This deliverable is structured in three sections; each section is dedicated to one MB meeting.

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1. MB Meeting 02.09.2022 - Meeting Minutes

1.1 Agenda

1. Status of the deliverables and milestones
2. WP Progress
3. Plan for the “ZOOMing into RISE Workshops 2022-2023”
4. RISE Services
5. Next MB Meeting

1.2 Status of the deliverables and milestones

Project Management provided the Management Board the status of deliverables and milestones.

Status of the deliverables & milestones due August 2022:

D1.9: Minutes of Meeting of the RISE management board conducted (B. Mena, ETH)> submitted
D2.7: Results of excitation sources and recommendations (E. Safak, BOUN)> submitted
D3.2: Exploring the limits of earthquake predictability (P. Gasperini, UNIBO)> submitted
D4.1: Second generation of models for RLA service demonstration for Europe (H. Crowley, EU-CENTRE)> submitted
D4.2: Second generation of models for RLA service report for Europe (H. Crowley, EUCENTRE)> submitted
D4.5: The use of structural health monitoring for rapid loss assessment (E. Chatzi, ETH)> submitted
D5.4: Field evaluation of the risk communication strategy (A. Freeman, UCAM)> submitted
D5.8: Near real time estimate of parameters of significant European earthquakes based on web (R. Bossu, EMSC)> submitted
MS20: Automated proxy- based building classification for all buildings in Europe (D. Schorlemmer, GFZ)> submitted
D8.6: Harmonized platform for OEF forecasts and ensemble models (TBD, ETH)> delayed
MS43: Dynamic risk services for Switzerland operational (TBD, ETH)> delayed

Upcoming deliverables and milestones:

D4.3: Operational earthquake loss forecasting for Europe (E. Chioccarelli, UNINA), 30.11.2022
D4.6: Advances in performance-based earthquake early warning in Europe (E. Safak, BOUN), 30.11.2022
D1.19: Cumulative Expenditure Report 3 (B. Mena, ETH), 31.12.2022
MS41: Forecast evaluation of at least 3 OEF models completed (UNINA), 30.11.2022
MS50: Complete test runs for all key hypotheses (UNIVBRIS), 30.11.2022

1.3 WP Progress

WP leaders provided an update on their activities.

WP2: BOUN has submitted Deliverable 2.7. UEDIN is hosting a student from Naples for in-lab work, which will serve as a strong link between UEDIN and UNINA.

Task 2.7 update: The first version of the dynamic exposure model has been completed and is now operational. The European seismic risk map exposure model has been set as the baseline, with South America and Southeast Asia as the next steps. The model also includes a loss calculator to calculate the exposure.

WP3: D3.2 has been submitted. WP3 has started a new testing experiment in collaboration with WP7, focusing on Italy. The goal is to apply a simple model to the European scale. The model was successfully tested in Italy and was found to provide analytical parameters without complex algorithms. The model was based on the past 50 years of data and was able to accurately predict earthquakes up to 400 years. However, WP3 is currently encountering challenges with the spatial distribution in the California test and is seeking to understand the model's limitations. WP3 will be reaching out to ETH (Leila Mizrahi, Martha Han) to see if they can develop a simple OEF model for Europe that will provide reliable results. There is a new PhD student at ETH working with Athanasios Papadopoulos and Laurentiu Danciu. The student will analyse the forecasted rates of both the Swiss and European models, and perform hazard and risk calculations to produce time-dependent hazard and risk curves and maps.

WP4: Deliverables 4.1, 4.2, and 4.5 have been submitted. The WP4 meeting is scheduled for September-October. The models for RLA are completed and included in Deliverables 4.1 and 4.2. WP6 is responsible for delivering a service for European RLA by the end of February 2023.

WP5: CSLOC is an operational service since early July. A paper on the detectability and performance of EQN early warning has been accepted. Gianfranco Vanucci is finalizing the methods to use EMSC felt reports for earthquake parameter determination, which will be published. Deliverable 5.4 has been submitted by UCAM on earthquake communication, and Irina Dallo from ETH will visit Naples to work on EOF communication.

WP6: Task 6.1 focuses on showcasing dynamic exposure, vulnerability, OEF, and RLA. Cecilia has selected the L'Aquila earthquake and all teams are testing their models for this case. The team in Montenegro is also involved in Task 6.1 demonstration activities. They plan to have a meeting in October to review the results.

Kristin Vogfjord (IMO) is in communication with Helen Crowley (EUCENTRE) regarding IMO activities. IMO has been running Shakemap 4 since May, and Carlo Cauzzi (ETH) is providing support. They now have the necessary outputs for RLA which are sent to EUCENTRE, where Helen's group is now running the RLA. The European RLA service is being set up and will use European exposure and vulnerability models, along with the European Shakemap system. The other service is the OEF on a European scale, which has seen significant progress.

WP7: There is good progress in time dependent Italy experiment that was originally a time independent model. Pseudo prospective experiments are ongoing. New Zealand experiments are ongoing.

WP8: From the communications things are going smooth. WP8 reminds to send inputs to upcoming newsletters. With respect to the technical deliverables, we made progress with D.8.5 (Report on the sustainable operation of dynamic risk services within EPOS). Stefan Wiemer (ETH) will call in a meeting to progress with D.8.6 (Harmonised platform for OEF forecasts and ensemble models).

1.4 Plan for the ZOOMing into RISE Workshops 2022-2023

The following dates and topics were proposed.

Possible seminar dates proposed:

- 1) 22.09.2022
- 2) 06.10.2022
- 3) 20.10.2022
- 4) 03.11.2022
- 5) 17.11.2022
- 6) 01.12.2022
- 7) 15.12.2022
- 8) 12.01.2023
- 9) 26.01.2023
- 10) 09.02.2023
- 11) 23.02.2023

ZOOMing into RISE workshop topics:

- Scenario planning workshop for the demonstration of OELF, RLA, dynamic exposure and vulnerability
- Time dependent Italy testing experiment, test analysis, tailored experiments, ensemble models
- OEF for Switzerland and whole Europe using the harmonized ETAS model
- Transferring OEF models to hazard and risk at national and European scales
- RISE Services
- Role of sensors in RISE
- Demonstration of the dynamic exposure and vulnerability, OELF, RLA
- Workshop on RISE Tools & Products#1 (All WP leaders)
- Workshop on RISE Tools & Products#2 (All WP leaders)
- Operational services & sustainability within EPOS
- Workshop on communication strategy
- Early Career Scientists Meeting on October 26–28 in Naples, Italy
- Stakeholder Panel coupled with the Swiss Risk Model
- Workshop on guidelines for experts' judgement in OEF

MB agreed that the meetings will cover integration, services, communication strategy, operational strategy and scenario planning workshop. The meetings will be in a different style than the previous ZOOMing into RISE seminars that were science focused presentations given by RISE scientists. The new series will be in workshop style, where the focus will be on the results and the use of the results within and beyond RISE. We aim to take concrete decisions in the workshops to move forward. We aim to have 2 hours' time-slot for each workshop. Banu Mena will contact individually to the relevant people to fix the workshop dates and the details. Then the workshop series will be announced to the RISE Community.

RISE Final Meeting (25-26 May 2023 in Lugano, Switzerland)

There will be a session of outreach with invited stakeholders.

1.5 RISE Services

MB discussed about the RISE results that can go forward as services. The following items are discussed:

- Description of "what is a service" (refer to Florian Haslinger's presentation)
- Which models will be provided as services at the end RISE?
- Who are the service providers?
- Setting up a meeting with the service providers

RISE – EPOS interaction & integration *Checklist*

Service	content defined; standardized data model; contributors / licenses	Functionality implemented (gui, API, ...); access restriction / control	Operational resource needs and operator identified	service governance set up; EPOS connection; sustainability
User-ready risk-cost-benefit platform				
Publicly accessible OEF and OELF service				
Earthquake forecast evaluation platform (CSEP+?)				
European Rapid Loss Assessment service				

- New EFEHR risk platform is a good example for a proper service (<http://risk.efehr.org>)
- Check Florian's check-list (table above)
- We need a meeting with service providers or a direct contact with these service providers

1.6 Next MB Meeting

Next MB meeting will be on the 4th November 2022 at 10 AM.

2. MB Meeting 04.11.2022 - Meeting Minutes




2.1 Agenda

1. Status of the deliverables and milestones
2. WP Progress
3. Plan for the “ZOOMing into RISE Workshops 2023”
4. Feedback from the ECS Workshop (26-28 October)
5. RISE Final Meeting
6. Next MB Meeting

2.2 Status of the deliverables and milestones

Project Management provided the Management Board the status of deliverables and milestones.

Upcoming deliverables and milestones:

MS50: Complete test runs for all key hypotheses	UNIVBRIS	Test results published, check ExeCom	Wed 30 Nov 2022	
MS41: Forecast evaluation of at least 3 OEF models completed	UNINA	Evaluation report, check ExeCom	Wed 30 Nov 2022	
38) D4.3 Operational earthquake loss forecasting for Europe	UNINA	This report will describe the status and outlook for operational earthquake loss forecasting for Europe. The report will describe models and procedure to build a prototypal OELF system at the European scale. Depending on the available information, the deliverable will also discuss the best loss-related measure to be considered e.g., expected number of damaged buildings, expected number of fatalities, etc.	Wed 30 Nov 2022	 Eugenio Chioccarelli
41) D4.6 Advances in performance-based earthquake early warning in Europe	BOUN		Wed 30 Nov 2022	 Erdal Safak
81) D1.19 Cumulative Expenditure Report 3	ETH		Sat 31 Dec 2022	 Banu Mena Cabrera

Reminder for the delayed deliverables and milestones:

49 deliverables are submitted up to now, of which 23 are approved by the EC (1st RP). 2 deliverables are delayed. 48 milestones are achieved up to now. 6 milestones are delayed.

Delayed milestones and deliverables that need to be completed by the end of the project:

D8.4: Description of standards for dynamic risk services (ETH)

D8.6: Harmonised platform for OEF forecasts and ensemble models (ETH)

MS56: Community agreement on requirements and technical baseline for dynamic risk service standardization (ETH)

MS39: Upgraded EEW capability in Iceland operational (IMO)

MS14: Completing field tests on selected instrumented structures, using three excitation sources, collecting vibration records (BOUN)

MS40: Improved observational capabilities operational (IMO)

MS58: First new EPOS service operational (ETH)

MS43: Dynamic risk services for Switzerland operational (ETH)

Deliverable & milestones due Feb 2023 & May 2023

7 milestones and 29 deliverables (except for the delayed ones) are yet to be achieved.

Some notes on upcoming deliverables and milestones:

Milestones 50 and 41 will be combined, there will be a common report. One of the 3 OEF models is the Swiss model of Leila Mizrahi. The other model will be the Italy model. Both of these models are ready.

Deliverable 4.6 should not only include Turkish work, but also EEW in Switzerland. Banu Mena will coordinate this between Erdal and John.

Deliverable 4.3: This deliverable will focus on the technical aspects; it will be a methodological report. For the applications of OELF, it will refer to Deliverables 6.2 and 6.5.

Deliverable 1.19: The template for the cumulative expenditure report is sent to all financial contacts. Upon collection of this data, Banu Mena will look at where each partner is in terms of overall budget.

Milestone 58: The first EPOS Service being operational (overdue since Feb 2022). Helen Crowley and Carlo Cauzzi will provide the website link to the European Shakemap Service operational. Milestone will be ticked.

2.3 WP Progress

WP leaders provided an update on their activities.

WP2: Quakesaver is working on strong motion MEMS sensors. Andreas Fichtner published 3 papers now available on Zenodo. There is a new manuscript submitted to the statistical journal on inlabru experiment. Kirsty Bayliss moved to GEM, but she will submit a paper on OEF in Italy. One of the catalogs on aftershock sequences will be published. Stefan Wiemer will share information in the next few weeks on the work at ETH on noise interferometry in Switzerland.

WP3: The majority of the effort is focused on creating a model suitable for Europe. Marta Han demonstrated the model being developed by ETH for Europe, which showed positive results from the Italy model. Along with WP7, WP3 is working on a new process to create an ensemble model by plugging in and out different models. Pablo is working on a CSEP experiment in Italy, which is expected to start before the end of the RISE program.

WP4: Efforts in OELF are progressing well with the integration of state-dependent fragility functions. Collaboration with WP3 is underway to obtain OEF rates for Italy from INGV. The loss forecasting software has been developed and includes dynamic exposure and vulnerability features. WP4 is collaborating with WP6 and all other tasks in WP4 are progressing as planned.

WP5: Cambridge has a deliverable due in February 2023. UCAM has already submitted D5.4, which covers OEF communication, in August 2022. Warner Marzocchi and Leila Mizrahi should use this deliverable as a reference for presenting OEF outcomes.

WP6: Task 6.1 originally (GA) suggests the demonstration of building sensor technologies in OELF, RLA, EEW, SHM etc. However, since data from the QUAKE sensors has not yet been collected, the

task will use simulated data from nonlinear dynamic analysis instead. The demonstration will be carried out for two earthquake scenarios, L'Aquila and Central Italy, with all teams running their models for these sequences. The task leader, Cecilia Nievas, will convene a meeting next week to review the results. The results will be presented in a workshop. The OELF in Italy project is progressing as planned, and the Iceland Shakemap system is operational. ETH will check the progress on other related developments in Iceland. ETH is also working on a European-level OELF, while EUCENTRE has a functioning European Rapid Earthquake Loss Assessment system and is testing it using past events in its archive.

WP7: In addition to what is reported by Warner in WP3, time dependent experiment is now separated from the time independent experiment. Quadtree paper is now accepted. Testing activity is being continued in GeoInquire. Likewise, services will continue being made available in GeoInquire, as continuation of RISE. This will contribute to the long term sustainability of RISE results,

WP8: Michele Marti reminds the board members to send input for the next edition of the internal newsletter.

2.4 Plan for the “ZOOMing into RISE Workshops 2023”

2022 Workshops

The following workshops are planned:

- 1) Ensemble Modelling Workshop on 06.10.2022
- 2) OEF Workshop on 03.11.2022
- 3) Scenario Planning Workshop on 17.11.2022
- 4) Quake Sensors and Software Workshop on 01.12.2022
- 5) Developments and use of dynamic exposure & dynamic vulnerability in RISE

Danijel Schorlemmer will take the lead in organizing this workshop in January/February timeframe.

2.5 Feedback from the ECS Workshop (26-28 October)

Stefan Wiemer attended the last day of the meeting. The meeting covered broad range of topics including transdisciplinary research and ethics. ECSs were energized with new ideas. One downside was that the meeting was broad and not very focused (on RISE tasks and deliverables). Nevertheless, the aim of ECS meeting was to enhance the contact and networking between ECSc which is well achieved during this meeting. This meeting ticks the milestone MS62 (MS62: First training workshop conducted).

2.6 RISE Final Meeting

Final meeting in Lugano on 25-26 May 2023

- reminder email will be sent in January
- Outreach session with Stakeholders: Stefan Wiemer, Banu Mena and Michele Marti will meet and decide on who will be invited.
- RISE Progress Report will be sent to the Project Officer

2.7 Next MB Meeting

Next MB meeting will be on the 13th January 2022 at 14:00 (CET).

3. MB Meeting 12.01.2023 - Meeting Minutes




3.1 Agenda

1. Status of the deliverables and milestones
2. WP Progress
3. Final “ZOOMing into RISE Workshops 2023”
4. RISE Final Meeting
5. RISE Special Issue
6. Next MB Meeting

3.1 Status of the deliverables and milestones

Project Management updated the Management Board with the status of deliverables and milestones.

Recently submitted deliverables & milestones

38) D4.3 Operational earthquake loss forecasting for Europe	This report will describe the status and outlook for operational earthquake loss forecasting for Europe. The report will describe models and procedure to build a prototypal OELF system at the European scale. Depending on the available information, the deliverable will also discuss the best loss-related measure to be considered e.g., expected number of damaged buildings, expected number of fatalities, etc.	Wed 30 Nov 2022	 Eugenio Chioccarelli
41) D4.6 Advances in performance-based earthquake early warning in Europe		Wed 30 Nov 2022	 Erdal Safak
81) D1.19 Cumulative Expenditure Report 3		Sat 31 Dec 2022	 Banu Mena Cabrera

MS50: Complete test runs for all key hypotheses	Test results published, check ExeCom	Wed 30 Nov 2022
MS41: Forecast evaluation of at least 3 OEF models completed	Evaluation report, check ExeCom	Wed 30 Nov 2022

Upcoming deliverables

WP	Deliverable	Title	Leading Person	Due Date
WP1	D 1.4	Project management plan updated	Banu M Cabrera	28 Feb 2023
	D 1.10	Minutes of Meeting of the RISE management board conducted	Banu M Cabrera	28 Feb 2023
	D 1.12	Final report of the Scientific Advisory Board	SAB	31 May 2023
	D 1.15	Final reporting of the Commission	All	30 Apr 2023
WP2	D 2.3	Report on all DAS field deployments	Andreas Fichtner Lauro Chiaraluçe	28 Feb 2023
	D 2.5	Functional next generation sensors and hyper-dense networks and sensor	Marius Isken	28 Feb 2023
	D 2.9	Accuracy and precision of earthquake forecasts using the new generation catalogues for open dissemination	Lauro Chiaraluçe	28 Feb 2023
	D 2.12	Technical development of prototype big data solutions	Carlo Virgilio Cauzzi	28 Feb 2023
	D 2.13	An open, dynamic, high-resolution dynamic exposure model for Europe	Danijel Schorlemmer	28 Feb 2023
	D 2.14	Assessment of the technology readiness and operational capability	Ian Main	28 Feb 2023
WP3	D3.5	Guideless for experts' judgments in OEF	Domenico Giardini	28 Feb 2023
WP4	D4.7	Good-practice report on risk-cost-benefit in terms of socio-economic impact	Banu Mena Cabrera	28 Feb 2023
WP5	D5.5	Good practice recommendations report	Alexandra Freeman	28 Feb 2023
	D5.9	Crowdsourced EEW services	Rémy Bossu	28 Feb 2023
WP6	D6.1	Report on the use of building data collected through innovative technology in OELF, RLA, EEW and SHM	Cecilia Nievas	28 Feb 2023
	D6.2	Report on testing OEF and extending earthquake forecasts to loss forecasts in Italy	Iunio Iervolino	28 Feb 2023
	D6.3	Report on the Iceland demonstration site for earthquake predictability and RLA	Kristin Vogfjorð	30 Apr 2023
	D6.4	Report on the user-centric dynamic risk framework for Switzerland application	Stefan Wiemer Maren Boese	28 Feb 2023
	D6.5	This report describes the development of RLA, EEW and OEF services at European scale	Helen Crowley	28 Feb 2023

WP7	D7.6	Report presenting first results of the prospective study	Max Werner	28 Feb 2023
	D7.7	Distribute ground-motion testing software codes	Danijel Schorlemmer	28 Feb 2023
	D7.8	Report on first results of ground-motion testing	Danijel Schorlemmer	28 Feb 2023
WP8	D8.4	Description of standards for dynamic risk services	Laurentiu Danciu Nicolas Schmid	31 Aug 2021
	D8.5	Report on the sustainable operation of dynamic risk services within EPOS	Florian Haslinger	28 Feb 2023
	D8.6	Harmonised platform for OEF forecasts and ensemble models	Laurentiu Danciu Nicolas Schmid	31 Aug 2022
	D8.7	EU forecast testing center operational	Danijel Schorlemmer	28 Feb 2023
	D8.8	EU RLA service operational	Helen Crowley	28 Feb 2023
	D8.9	OEF services in Italy, Switzerland and Europe wide operational	Laurentiu Danciu Nicolas Schmid	28 Feb 2023
	D8.12	External Newsletter released (month 36)	Michèle Marti	28 Feb 2023

Upcoming milestones

MS07: Successful final evaluation from Scientific Advisory Board	Report by Scientific Advisory Board		Tue 28 Feb 2023	Lead Beneficiary: ETH, Linked to WP1 Old deadline: 31/8/2022
MS15: Comparison of vibration data with those from earthquakes and ambient forces	Analysis completed and documented		Tue 28 Feb 2023	Lead Beneficiary: BOUN, Linked to WP2 Old deadline: 31/8/2022
MS06: Final conference	Meeting minutes and beneficiary participation reported		Tue 28 Feb 2023	Lead Beneficiary: ETH, Linked to WP1 Old deadline: 31/8/2022
MS21: Integration of mini- sensor data from buildings into the GDE system	System running, check by WP leader		Tue 28 Feb 2023	Lead Beneficiary: GFZ, Linked to WP2 Old deadline:
MS19: Prototype implementation of the preferred technical solutions at selected EIDA primary nodes and demonstration of possible uses within the EEW, OEF and RIA domains	Prototype running and checked by WP leader		Tue 28 Feb 2023	Lead Beneficiary: KNMI, Linked to WP2 Old deadline: 31/8/2022
MS12: Completion of experiments, tuning, and testing	All data archived, check by WP leader		Tue 28 Feb 2023	Lead Beneficiary: QUAKE, Linked to WP2 & WP6 Old deadline: 31/8/2022
MS63: Final conference conducted	Meeting minutes and beneficiary participation recorded		Wed 31 M 2023	Lead Beneficiary: ETH, Linked to WP8 Old deadline: 31/8/2022, 28/2/2023

3.2 WP Progress

WP leaders gave an overview of the remaining deliverables.

WP1: D1.4 is nearly ready, and it will be shared by the MB for feedback. The updated risk register is included in D1.4 and has been discussed by the MB.

D1.10 is under preparation.

D1.15 is a joint deliverable of the whole consortium. A google document will be shared in March, and WP leaders are expected to complete their section by the end of April. This report will set the basis for the SAB to provide their reporting.

D1.12 will be prepared by the SAB. This will be the second SAB report, after the first one (D1.11) submitted during the first periodic reporting. A template will be provided to the SAB as it was done for the first report.

WP2: Based on the discussions in WP2 workshop, everything is on track.

D2.3: This will be a comprehensive analysis of what has been done, referring to the old deliverables, and highlighting the key findings.

D2.5: No red flags sent, but there was the chip crisis, which caused disruptions in delivering the initially promised amount of sensors.

D2.9: There is a paper published (published as data), the deliverable will be based on this paper. There are 6 catalogs, already open to disseminate.

D2.12: Carlo and Florian to discuss bilaterally.

D2.13: This is done beyond Europe

D2.14: Technology readiness report. All WPs developed new technologies, whether these are software, methods or hardware. There are different types of technologies and different levels of technology readiness. Who can use this technology, how can this be used, will be included. People are asked to provide 2-3-page summary. It is expected to be a 14-20-page report.

WP3: D3.5: Stefan Wiemer and Leila Mizrahi are working on a white paper general guidelines.

WP4: D4.7: Banu working on this deliverable. The google doc is shared by the task team, for everyone involved to contribute. The deliverable is divided in two, one part focusing on EEW and second part focusing on MCA.

The rest of WP4 is coordinating with WP6. OELF in Italy is updated with dynamic vulnerability and exposure. Now communication with the high risk commission about whether this can go operational.

WP5: D5.5 & D5.9 are under preparation and will be submitted on time.

WP6: D6.1: This deliverable is linked to the workshop on demonstration was held in November 2022, using scenarios in L'Aquila and Central Italy, demonstrating the dynamic risk products of RISE. Cecilia Nievas is leading this, with contributions from many people. A draft is being shared by the team to contribute.

D6.2: Eugenio Chioccarelli's work is on track. Theoretical part was delivered as part of WP4 (D4.3). In this deliverable, few months of operation will be reported.

D6.4: Maren Boese is taking the lead on this deliverable. She prepared a template and shared with a number of people involved, who will contribute to this deliverable.

D6.5: A draft report has been shared by several people working on this by Helen Crowley (RLA, European Shakemap, EQN Crowdsourcing based EEW, European OEF...).

WP7: D7.6: Lately there has been many results obtained that will go into this deliverable. The deliverable is on track

D7.7: Ground motion testing codes was already documented. This will be used as basis for this deliverable.

D7.8: There has not been a ground motion testing program developed in RISE. We will focus more on the work developed in 7.6.

WP8: D8.4, D8.6, D8.9: Laurentiu Danciu and Nicolas Schmid from ETH are working on these deliverables.

D8.8: European RLA Operational is connected to D6.5. It is a demonstration deliverable, pointing at the Gitlab repository. It will be a scientific service including a set of models and software.

D8.7: Within RISE we moved away from a testing centre to a floating experiment. This was a significant step within RISE. A software package of experiments is released.

D8.12: Nadja Valenzuela is compiling information for the last external newsletter, to be released in February.

D8.5: Florian Haslinger will contact the people for various services that were stated at the proposal, to reflect on how these have been evolved in RISE.

3.3 Final “ZOOMing into RISE Workshops 2023”

Developments and use of dynamic exposure & dynamic vulnerability in RISE: Danijel Schorlemmer, with the support of Iunio Iervolino, will take the lead in organizing this workshop. This workshop will be held in mid-March.

3.4 RISE Final Meeting

Place & Date: Lugano Convention Centre, 25-26 May 2023

<https://www.luganoconventions.com/en/venues/villa-ciani>

A pre-agenda with the start and end times of the meeting will be distributed.

Involvement of Stakeholders: The list of stakeholders (5-7 people in total from Italy, Switzerland, Iceland, Europe) will be compiled and invited to the final meeting. We may hold a pre-meeting before the RISE Final meeting, where we provide an overview to the Stakeholders.

3.5 RISE Special Issue

Two options were discussed.

Option1: unpublished RISE work > drawback: only covers part of the project.

Option2: more comprehensive > drawback: hard to avoid duplication for already published work.

The general consensus: Instead of a special issue, the consortium will work on a review paper on the state of the art in dynamic risk assessment. The paper will:

- provide a comprehensive overview of the current understanding of dynamic risk
- summarize and synthesize the RISE findings
- identify gaps in the current research and potential areas for future study

3.7 Next MB Meeting

24 March @ 10 AM (CET)

Liability Claim

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