



Project Coordinator

Fraunhofer Institute for High-Speed Dynamics Ernst-Mach-Institute (Fraunhofer EMI)

Project Coordinator Support

Technikon Forschungs- und Planungsgesellschaft mbH technikon@horizon-dynamo.eu



Budget

€ 5 Million

100% EU-funded



Consortium

15 Partners

10 countries



Duration

36 Months

10/2022 - 09/2025



DYNAMO

Dynamic Resilience Assessment Method

INCLUDING COMBINED BUSINESS CONTINUITY MANAGEMENT AND CYBER THREAT INTELLIGENCE SOLUTION FOR CRITICAL SECTORS

Prevent, Respond, Recover

DYNAMO Newsletter – aims at launching a new channel of communication to provide updates on project progress while discussing and highlighting insightful topics relevant to the DYNAMO project.

For more detailed information about the project, we invite you to visit our project website, which is continuously updated with the latest project news: horizon-dynamo.eu.

DYNAMO Overview

The current situation regarding potential cyber threats has increased the complexity of critical sectors and infrastructure such as energy, health and transport. With increasing digitalisation and ever-evolving cyber threats, this represents an important challenge for business continuity. DYNAMO intends to develop and refine selected tools and bring them together in a single platform. The knowledge generated by DYNAMO will help to speed up the evaluation and recovery processes while also providing possible mitigation actions and training. More information about DYNAMO and its vision, motivation and objectives can be found in the project leaflet and the elevator pitch.



Funded by the European Union under grant agreement no. 101069601. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union. Neither the European Union nor the granting authority can be held responsible for them.





## The first project year is over... what has happened by now?

- Successful 1st General Assembly Meeting
- Joining the LEA Project Cluster
- Co-Creation Workshop with End-Users and Stakeholders
- 1st DYNAMO Ethics Webinar
- Creation a full list of end-user requirements for the DYNAMO tool
- Publication of the first DYNAMO Paper
- Acceptance of the Horizon Results Booster Application
- Successful DYNAMO Introduction Webinar
- Production of numerous Communication & Dissemination material
- Submission of 5 Deliverables

As you can see, DYNAMO's first project year was very successful and exciting, and these are just a few of the highlights we had this year. Therefore, follow the project on **LinkedIn** and **X** to not miss the latest updates about our work and to stay up to date.

## DYNAMO's first General Assembly Meeting

The Gemelli Hospital hosted our first General Assembly Meeting from 03 – 04 May 2023 in Rome. The focus of the meeting was mainly on WP2 to find out what our three use case partners expect from the platform. In addition, the progress and further procedures of our WP3 - WP5 were also presented at the meeting and offered ideas for further exciting discussions. The consortium also got the unique and fantastic opportunity to discover Italy's best hospital infrastructure, systems and practices first

hand and to have a dialogue with medical professionals on how DYNAMO can meet the requirements in the medical use-case. Of course, a common dinner offered a wonderful opportunity to strengthen the relationships in the team and to ensure further successful collaboration. The next meeting, which will bring the whole consortium together again, will take place in November in Freiburg, hosted by our coordinator Fraunhofer EMI.

## 1<sup>st</sup> Ethics Webinar

Ethics constitutes an essential part of the DYNAMO research. To this end, our Ethics & Legal Advisor KEMEA held an online internal ethics webinar on the 27th of June to help the DYNAMO Consortium identify the project-related ethics issues and provide awareness and guidance. The webinar was focused on how we handle human participation in our research activities and how we protect personal data of the data subjects involved. KEMEA also educated us on the key ethics and legal requirements for the design and development of trustworthy AI-enabled techno-

logies as well as on the potential misuse of the research results and how to mitigate any relevant risks. Additionally, the webinar also addressed the importance of gender equity and gender balance in the research process. In this sense, KEMEA has prepared our Consortium perfectly for the effective handling of all potential ethics risks that could arise within the project by following a proactive approach in order to ensure ethical and legal compliance of the DYNAMO research.

## Creation a first list of end-user requirements for the DYNAMO tool

After numerous meetings, both live (e.g. in the Rome meeting mentioned above, May 2023) and online with the end-users, the

tool developers, created an advanced list of the actual software requirements that DYNAMO should offer to users.

# DYNAMO Introduction Webinar

The DYNAMO Introduction Webinar took place on 12th September and was attended by a total of 48 interested internal and external participants. Fraunhofer as the coordinator introduced the project, the faces behind DYNAMO and moderated our final Q&A session. RHEA introduced the participants to the unique DYNAMO solution, while CERTH and LAU talked about the expected impact of DYNAMO. Last but not least, KPMG

FA gave a presentation on „Impact and Outreach Generation“, where opportunities for involvement in the Stakeholder Reference Group were discussed. Missed the webinar? No problem, you can watch it on **Vimeo** at any time. If you are interested in being part of the Stakeholder Reference Board or would like to have more information, do not hesitate to contact Mallika Singh ([mallika.singh@kpmg.ie](mailto:mallika.singh@kpmg.ie)).

## What else have the partners been working on during the first year?

In the initial phase of the project, the partners focused, among other things, on establishing an effective and efficient management structure, while at the same time creating and implementing the visual identity for DYNAMO. The partners have worked intensively to define the user requirements for the energy, health and maritime sectors so that these can be addressed by DYNAMO's system architecture. In addition, a common DevOps environment which will be used by the SW development activities of

WP3, WP4 and WP5 was created. Last but not least, the partners also worked on developing a model that successfully integrates the necessary requirements of business continuity management, resilience management and cyber-threat intelligence to enable resilience of critical sectors, while developing a conceptual plan on the areas of human factors, evaluation methodology and the incorporation of AI as the basis of the proposed DYNAMO AI prototype.

## The work continues, ... so more to come!

### The DYNAMO Consortium

The DYNAMO consortium consists of 15 highly qualified business and applied research partners from ten different countries (Germany, Austria, Greece, Portugal, Finland, Belgium, Ireland,

Bulgaria, Italy and France) who combine the know-how that is necessary to implement the project.



Fraunhofer Institute for High-Speed Dynamics Ernst-Mach-Institut (Fraunhofer EMI)  
Germany [Freiburg]



Technikon Forschungs- und Planungsgesellschaft mbH  
Austria [Villach]



Ethniko Kentro Erevnas Kai Technologikis Anaptyxis  
Greece [Thessaloniki]



Fondazione Policlinico Universitario Agostino Gemelli IRCSS  
Italy [Rom]



Naval Group Belgium  
Belgium [Bruxelles]



Kentro Meleton Asfaleias  
Greece [Athens]



KPMG FA  
Ireland [Dublin]



VisionSpace Technologies GmbH  
Germany [Darmstadt]



Factor Social - Consultoria em Psico-Sociologia e Ambiente  
Portugal [Lisboa]



UCC, CUBS, CRBC  
Ireland [Cork]



RHEA Group  
Belgium [Wavre]



IRT SystemX  
France [Palaiseau]



Laurea-ammattikorkeakoulu OY  
Finland [Uusimaa]



Teelink Business Services Group  
Bulgaria [Sofia]



ENGIE Laborelec  
Belgium [Bruxelles]