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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 naval. 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**.



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... what has happened by now?

- Successful 2nd General Assembly Meeting
- Further publication of DYNAMO Paper
- Submission of 4 Deliverables
- Successful completion of the Horizon Results Booster Module A
- Production of numerous Communication & Dissemination material
- Participation on various conferences
- Organisation of a Risk and Crisis Communication Workshop

As you can see, DYNAMO's first half of the second project year was very successful and exciting, and these are just a few of the highlights we had. 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 General Assembly Meeting Highlights in Freiburg im Breisgau

We're thrilled to share the exciting outcomes and insights from our recent project meeting held on the 7th and 8th of November 2023 in the vibrant city of Freiburg im Breisgau, Germany. This gathering marked another milestone in our journey towards innovation and collaboration in DYNAMO. The meeting kicked off with a warm welcome from our host and coordinator, Fraunhofer, EMI, setting the tone for engaging discussions and knowledge sharing. Team members from various partner organizations presented updates on their respective work streams, highlighting milestones achieved, challenges overcome, and plans for the future. These updates provided valuable insights into the project's overall progress and direction. Interactive technical workshops were conducted to delve deeper into specific aspects of the project, such as the user requirements. These sessions fostered

knowledge exchange, brainstorming, and problem-solving, laying the groundwork for future innovations. The Participants engaged in lively discussions, exploring synergies and potential avenues for joint research and development initiatives. Beyond the formal agenda, participants had the opportunity for networking and socializing. Informal gatherings, coffee breaks, and a networking dinner facilitated meaningful interactions, fostering camaraderie and team spirit. As we reflect on the fruitful discussions and camaraderie shared during our time in Freiburg im Breisgau, we are energized and inspired to continue our collaborative efforts in driving innovation forward. The insights gained and connections forged during this meeting will serve as catalysts for advancing our project goals and making meaningful contributions to our field.

DYNAMO Risk and Crisis Communication Workshop

We're excited to share highlights from our recent Risk and Crisis Communication Workshop held on April 18th, aimed at professionals, eager to bolster cyber resilience within their organizations. The workshop served as an interactive platform to exchange insights, experiences, and valuable information crucial for the development of robust risk and crisis communication strategies in the face of cyber threats. Kicking off the session, participants

were acquainted with the DYNAMO project, a pioneering initiative dedicated to fortifying cyber resilience through effective communication strategies. Participants delved into the fundamental concepts of cyber threats, understanding their nature, and the imperative of readiness in the digital landscape. A pivotal segment explored the indispensable role of communication in preparing for cyber threats. Discussions revolved around the



the realm of cybersecurity. From crisis response frameworks to proactive communication protocols, attendees gleaned insights to tailor strategies suiting their organizational context. Wrapping up the workshop, a comprehensive closing discussion encapsulated key takeaways and actionable insights garnered throughout the session. Participants left equipped with newfound knowledge and a network of peers to navigate the evolving cyber landscape confidently. As we reflect on the enriching discourse of the workshop, we're energized by the collective commitment to fortify cyber resilience through effective com-

munication strategies. The insights gleaned pave the way for the development of tailored guidelines and recommendations, poised to empower organizations in navigating the complexities of cybersecurity with resilience and confidence. We extend our gratitude to all participants for their active engagement and invaluable contributions, shaping a collaborative endeavor towards a more secure digital future.

Stay tuned for more updates and opportunities to further enhance your cybersecurity prowess through upcoming initiatives and workshops.

DYNAMO partners engage in global conversations at leading conferences

As part of our ongoing commitment to fostering innovation and collaboration, DYNAMO partners recently participated in several

conferences, for insightful discussions and sharing expertise on critical topics shaping our digital world.

MEDEA Conference on “EU Borders’ Security” in Madrid

KEMEA delved into the complexities of EU border security at the MEDEA conference in Madrid. The event focused on the synergistic relationship between business continuity management and cyber threat intelligence—two core elements of DYNAMO.

Through illuminating discussions, attendees explored how optimising these strategies can effectively mitigate hybrid cyber attacks, safeguarding EU borders and promoting security on a global scale.

BledCom 2023

At the 30th anniversary of BledCom, our partner LAU made a significant impact with their presentation titled “A Lens to Examine Communication Through Business Continuity Management.” Against the picturesque backdrop of Lake Bled, experts from around the world gathered to explore the intersection of

public relations and sustainability. LAU’s insightful contribution underscored the importance of integrating BCM into communication strategies to promote organisational resilience in a rapidly evolving landscape.

87th Thessaloniki International Trade Fair

KEMEA proudly showcased our project at the 87th Thessaloniki International Trade Fair. From September 12th to 15th, 2023, visitors had the opportunity to engage with our team at our dedicated stand. This platform provided a unique opportunity to raise

awareness about DYNAMO’s objectives, foster partnerships, and connect with stakeholders passionate about advancing resilience and sustainability.



ECCWS 2023

DYNAMO continued to make waves in the cybersecurity community at ECCWS 2023. During the conference, our partner LAU delivered a compelling presentation titled “Cybersecurity Through Thesis in Laurea University of Applied Sciences.” As

experts convened to discuss the latest trends and insights in cyber defense, DYNAMO’s presence reinforced our commitment to advancing innovative solutions and driving impactful change in the field of cybersecurity.

International Cybersecurity Forum 2023

During the In Cyber Forum held in Lille, CERTH enthusiastically shared insights into the latest advancements of DYNAMO. From March 26th to 28th, 2023, CERTH engaged in vibrant discussions, showcasing DYNAMO’s cutting-edge Cyber Threat Intelligence (CTI) tools and their invaluable role in enhancing Business

Continuity Management. Among the bustling array of exhibitors, IRTSX stood out with its own booth, proudly representing DYNAMO. Attendees from a diverse range of companies and organizations across France and the EU were eager to learn about the innovative solutions presented.

Unveiling Insights: New Project Publications

We are delighted to announce the release of several new publications stemming from our collaborative efforts in DYNAMO. These publications represent the culmination of months of hard

work, dedication, and collaboration among our team members, and we are thrilled to share our insights and findings with the broader community.

Highlighting Key Publications

Trust Environment for Cyber-Physical Systems: The DYNAMO Approach: This groundbreaking paper delves into the landscape of cybersecurity within cyber-physical systems, emphasizing the critical need for resilience and trust-building mechanisms. Authored by Jyri Rajamäki, it presents novel methodologies, experimental results, and insightful analysis, shedding light on the challenges posed by the complex interdependencies among physical, information, cognitive, and social domains.

Improving the Cybersecurity Awareness of Finnish Podiatry SMEs: In this research article, the authors Jyri Rajamäki, Niroj Chaulagain, Maruks Kukkonen, Pessi Nurmi, Mikko Hononen, Samu Saarinen and Torsti Kinnunen emphasizes the importance of addressing cybersecurity concerns, provides insight into common vulnerabilities, and offers a potential solution in the form of a practical guide tailored to SMEs. It underscores the need for proactive measures to mitigate risks and protect sensi-

tive data in an increasingly digital environment.

A Lens to Examine Communication Through Business Continuity Management: Our latest book chapter offers a comprehensive overview of the DYNAMO Resilience Matrix through the theoretical background with implications for communication and communication management. Written Eveliina Hytönen and Harri Ruoslahti, it synthesizes existing research, presents original perspectives, and offers practical recommendations for policy makers, corporate executives, managers, employees, and cybersecurity professionals for an integrated view on cyber resilience to understand and plan holistically for cyber resilience.

Academic publications create sustainable knowledge in funded projects: This journal article investigates how academic publishing can promote knowledge development in externally funded projects. Through rigorous analysis, the authors Harri Ruoslahti and Eveliina Hytönen elucidate an approach where the

sustainability of externally funded projects can be increased by creating knowledge, providing valuable insights for future project communication and dissemination towards academic audiences.

Governance and Management Information System for Cybersecurity Centres and Competence hubs: Our team's contribution to 22nd European Conference on Cyber Warfare and Security focuses on the importance of effective information sharing facilitated by appropriate technology and governance structures. With a focus on lessons learned and assets developed in previous projects can inform and enhance current endeavors, ultimately improving decision-making processes within collaborative networks, the authors Jyri Rajamäki and Janne Lahdenperä present innovative approaches and noteworthy results, contributing to the ongoing discourse in Governance and Management Information Systems.

Managing Variable Environments with Organizational Fore-

sight and Resilience Thinking: This paper offers a deep dive into a case study that explores how combining CTI and BCM can help in the case of a cyber-attack. Authored by Eveliina Hytönen, Jyri Rajamäki and Harri Ruoslahti, it provides a comprehensive overview of the benefits of combining BCM and CTI, emphasizing the importance of interdisciplinary collaboration, platform development, resilience assessment, and improved organizational foresight in enhancing cyber resilience and ensuring business continuity.

These new publications not only showcase the depth and breadth of our team's expertise but also contribute to the broader academic discourse and industry knowledge in our field. By sharing our research findings and insights with the global community, we aim to stimulate discussions, inspire further inquiry, and drive innovation in the cyber security area. We encourage you to **explore these new publications** and share them with your colleagues, peers, and networks.

What comes next?

DYNAMO Project Review Meeting on 15th May!

The entire consortium is preparing for the upcoming DYNAMO project review meeting on 15 May! We'll outline our strategic vision for the next phase of the project and establish actionable steps to drive us closer to our ultimate goals. This upcoming meeting serves as a pivotal moment for us to collectively assess our pro-

gress, show achievements, and address any challenges that may have arisen along the way. It's an opportunity to showcase the hard work, dedication, and innovation that each member of our team has contributed to propel our project forward.

Join Us at the DYNAMO Conference: Future-proofing Your Organisation through BCM and Sustainability!

We are thrilled to announce that we are currently organising the DYNAMO Conference, taking place on June 12th in Cork! The conference theme revolves around "Future-proofing Your Organisation through Business Continuity Management and Sustainability."

In today's rapidly evolving business landscape, resilience is not just an option; it's a necessity. Disruptions such as cyberattacks, natural disasters, and global crises underscore the importance of proactive planning and strategic foresight. That's why our conference will delve into the critical success factors of BCM and Sustainability (ESG) as pillars of resilience management.

Key Highlights:

- **Insights from Major Disruptions:** Learn from real-world experiences as we outline lessons learned from major disruptions, including cyberattacks.
- **Panel Discussion:** Engage in dynamic conversations with industry experts and thought leaders during our panel discussion.

- **Keynote Speaker:** Be inspired by our keynote speaker and gain invaluable perspectives on harnessing the power of BCM and Sustainability to drive long-term success and sustainability.
- **Networking Lunch:** Connect with like-minded professionals, exchange ideas, and forge meaningful connections during our networking lunch. Take this opportunity to collaborate, share experiences, and expand your professional network within the DYNAMO community.

For added convenience and accessibility, the conference will be held in hybrid mode, allowing both in-person and virtual attendance. Whether you join us in Cork or participate remotely, you'll have full access to all conference sessions.

Don't miss this opportunity to gain insights, network with peers, and chart a course towards a more resilient and sustainable future for your organisation. Also follow our social media and our website to not miss more information about the upcoming conference.

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 Anaptixis
Greece [Thessaloniki]



Fondazione Policlinico Universitario Agostino Gemelli IRCSS
Italy [Rome]



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]



Telelink Business Services Group
Bulgaria [Sofia]



ENGIE Laborelec
Belgium [Bruxelles]