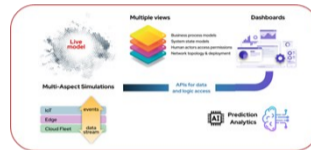# DYNABIC NEWSLETTER

Edition 1, No. 2

Content :

- Initial version of the DYNABIC Components
- DYNABIC External Advisory Board meeting
- DYNABIC User Advisory Board
- Dissemination, communication, Networking and Exploitation
- Workshops & Conferences

DYNABIC in a nutshell

Launched in December 2022, DYNABIC is an EU-funded research project under Horizon Europe (GA ID: 101070455) which brings together 17 partners from 7 EU Member States to develop the DYNABIC Framework. that will enable OES to predict, quantitatively assess and mitigate in real-time business continuity risks and their potential cascading effects.

MADT4BC: Multi-Aspect Digital Twin

In the heart of a the DYNABIC Framework, a Multi-Aspect Digital Twin supporting 6 Cyber-security solutions:

AWARE4BC Multi-concerns and context-aware Security and Resilience Monitoring	**RISKM4BC** Risk Management with cascading effects	**AVATAR4BC** Personalised guide for human operators
SIM4BC AI-based Simulation of incident and threat data	**SOAR4BC** AI-based Security Orchestration, Automation, and Response	**CTI4BC** Cyber Threat Intelligence sharing and Security reporting

DYNABIC External Advisory Board meeting

To collect advice and feedback from domain experts, DYNABIC has created an External Advisory Board. This board includes members from academia and industry all coming from different European countries. It follows up the project activities and results, and give feedbacks on the project results from the scientific to the dissemination, exploitation point of views. The first external advisory board meeting took place the 28th of May 2024. The meeting was organized with large slots dedicated to collect feedback and questions from the advisory board members. When requested to comment and provide feedback on DYNABIC, our advisory board members say:

"The project has an important mission, which it pursues with a sound technical approach. It is ambitious but realistic." - Luigi Romano

"Understanding cascading effects is the prerequisite for resilience of the society at large: I strongly support the endeavor." - Luigi Romano

Events

Workshops organization:
- MeSS workshop – July 2024
- GRAAL4IoT workshop – November 2024

Conferences participation:
- IFIP IoT —November 2024
- COMPSAC 2024—July 2024

Industry events :
- European Cyber Week— November 2024

DYNABIC User Advisory Board

As part of the effort to prepare realistic exploitation plans, we have created a User Advisory Board (UAB). The UAB plays a critical role in guiding our technological development, ensuring that the solutions we create are not only cutting-edge but also practical and user-centric. They achieve this through providing feedback to DYNABIC's technological partners, aiding them in refining their tools and business strategies to better serve potential customers. In particular, the UAB plays a strategic role in the development of the internal practitioners workshop.

To prepare realistic exploitation plans, we hosted the first Internal Practitioners Workshop during the first DYNABIC Day. The purpose of this workshop was to gather practitioners from industry to share their experiences and guide the consortium in creating a robust exploitation strategy. The workshop concluded with several key learnings and actionable insights. It underscored the importance of cross-industry collaboration and the need for continuous innovation to tackle business continuity challenges.

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DYNABIC Dissemination, Communication, Networking and Exploitation

In the first 12 months of the project, DYNABIC partners have determined and began implementing their Dissemination, Communication, Networking and Exploitation Strategy towards the identified stakeholder groups. As a first step, the consortium set up the project social media and branding guidelines and continued with presentations of the project at external events, participation in EU-funded project clusters and organisation of a first workshop. An overview of all our activities can be found in the news section of our website.

Clusters & Synergies:

- European Cluster for Securing Critical Infrastructures (ECSCI)
- Innovation Cluster for Electrical Power and Energy Systems (CyberEPES)
- EC Horizon Results Booster (HRB)
- ECCO's group on resilient systems.

Workshops & Webinars

During the first period of the project, DYNABIC contributed to the organization of 11 workshops. In the coming months, we will actively contribute to three workshops, namely, MeSS'24, STAM'24, and GRAAL4IoT co-located with major research conferences in the fields of cyber-security, Internet of Things, and software engineering. More will come in the coming months!

In May this year, DYNABIC participated to the ECCO Roadmap Webinar where, Eider Iturbe, our technical manager, gave a talk on Generative AI-supported cyber incident generation. This event was jointly organized with support from ECCO (European Cybersecurity Competence COmmunity), the AI4Cyber HEU project and the AIDE Belgian project. It gathered a large and broad audience, and the presentations are available on the ECCO website.

Last but not least, DYNABIC is now active on the Cyberwatching portal and appears in the Cyberwatching Innovation Radar.

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