Artificial intelligence, Data and Robotics ecosystem

https://adra-e.eu/

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[1] **PU:** Public**; CO:** Confidential, only for members of the consortium (including the Commission Services)

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[2] **R**: Report, **DEC:** Websites, patent filling, videos; **DEM:** Demonstrator, pilot, prototype; **OTHER:** Software Tools
[3] **PU:** Public**; CO:** Confidential, only for members of the consortium (including the Commission Services)

Document summary

This document presents the activities carried out under Task 2.3 – ADR Exhibition and Foresight Panel, which is part of WP2 – Awareness and Coordination between European ADR Initiatives, during the second half of the Adra-e project. It provides an overview of the two latest editions of the ADR Exhibition as well as a brief account of the two Foresight Panels conducted. The report summarises the value of these activities for fostering collaboration, enhancing visibility, and promoting convergence across the European ADR landscape. It concludes with a reflection on lessons learned and recommendations for future iterations under the coordination of Adra.

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1. Introduction

Task 2.3 of the Adra-e project within **Work Package 2: Awareness and Coordination between European ADR Initiatives** has focused on the **ADR Exhibition,** which has proven to be a useful tool for showcasing interactions between the three technologies in Europe.

The main objective of the task was to organise **three editions of the exhibition** throughout the lifetime of the project. Each exhibition had to be integrated into major ADR-related events, such as the **AI, Data and Robotics Forum (ADRF)** and the **European Convergence Summit (ECS),** both widely disseminated on the project's website[4] and social media**.** They were designed to showcase demonstrations highlighting the synergies between at least two of the three ADR areas and were intended **for a qualified audience,** including policymakers, researchers, industry stakeholders and representatives of R&I projects from across Europe.

According to the Description of the Action [1], **task 2.3 aimed to:**

- **Identify** relevant projects and initiatives that exemplify strong interaction across ADR technologies.
- **Collaborate** with other project tasks to select, invite and coordinate exhibitors.
- **Incorporate** exhibitions into flagship events supported by Adra-E, ensuring thematic and technological balance.
- **Foster** engagement, knowledge sharing and cross-sector collaboration within the ADR ecosystem.

Although Task 2.3 is officially titled **'ADR Exhibition and Foresight Panel,'** this deliverable primarily focuses on the activities of the ADR Exhibition. The foresight panel was developed under the coordination of **Professor Iddo Bante of the University of Twente,** who is a partner in this work package, a qualified expert in the field and a founding member of ADRA. Contextual references to the foresight panel and to the deliverables in which it is reported will be included where necessary to ensure understanding.

2. ADR Exhibition

2.1 Overview

Over the course of the Adra-e project, the consortium organised three editions of the ADR Exhibition to support visibility, collaboration and convergence within the ADR European ecosystem. Each edition was embedded in the programme of a major event relevant to the community and served as a curated showcase of technological demonstrations of the practical interaction of at least two of the three domains. These exhibitions were designed not only to display innovation but to echo and enhance the strategic direction of their host events, aligning with their thematic focus and strategic ambitions.

The first edition took place during the AI, Data and Robotics Forum 2023 in Versailles and is fully documented in D2.6 [2]. The present report focuses on the second and third editions of the Exhibition, which were organised respectively within the European Convergence Summit 2024 and the AI, Data and Robotics Forum 2024 in Eindhoven.

[4] https://adra-e.eu/

2.2 Exhibition 2 at the European Convergence Summit 2024

The second edition of the ADR Exhibition took place in June 2024 as part of the European Convergence Summit (ECS)[5], a high-level virtual policy event that focused on how AI, Data, and Robotics can support Europe's strategic priorities, with a particular emphasis on the 2050 decarbonisation objectives. It brought together researchers, industry leaders, policymakers, and civil society representatives to reflect on the evolving socio-economic role of ADR technologies.

Within this context, the ADR Exhibition was presented as a digital showroom hosted on the Confiva platform. Confiva [3] is a virtual event environment designed to facilitate structured, interactive experiences for participants, combining livestreams, on-demand content, and exhibitor spaces with networking features; this allowed projects to share demonstration videos and interactive materials in a format that remained accessible throughout the event and for a period afterwards.

The selection of exhibitors was based on the project mapping and stakeholder outreach carried out under Task 1.2, while the integration of the exhibition into the programme was closely coordinated with Task 4.1, which led the overall organisation of the ECS. As part of this outreach process, an application form was created and published on the Adra-e website and its link was disseminated through several coordinated channels: mass emails were sent using Microsoft Word's mail merge tool to contacts listed in the Task 1.2 address book and to other members of the ADR stakeholder community. These were complemented by a set of targeted messages addressed to key multipliers in the ecosystem, including other CSAs, innovation hubs, networks of excellence, and the founding members of Adra, who were invited to support the dissemination of the call for exhibitors.

The showcases addressed areas such as smart mobility, energy optimisation, AI-based inspection, and edge computing. Dedicated time slots in the ECS programme enabled exhibitors to pitch their work and engage directly with attendees, while the virtual format allowed for broader access and flexible participation. In total, **22 exhibitors,** mainly EU funded projects from the ARD partnership, took part in the exhibition at ECS 2024 [4], each contributing a digital showroom accessible via the Confiva platform. These spaces included videos, project descriptions, and contact details, enabling attendees to explore a wide range of ADR applications at their own pace. The table below provides an overview of the participants and the focus of their demonstrations.

Table 1: Participants in the ADR Exhibition at the ECS 2024

Project Name	Focus or Demonstration Topic	Pitched
AI NoEs	European Network of Excellence for AI research and innovation coordination.	✓
ALCHIMIA	Development of a federated and continual learning-based AI platform to optimize steel production processes, aiming to reduce energy consumption and emissions, thereby supporting the green transition of European metallurgy industries.	✓
CREXDATA	Real-time critical situation management platform with predictive analytics capabilities.	

[5] See the full recording at the Adra-e channel on YouTube: https://www.youtube.com/@adra-eproject3227

COROB	Human-centric collaborative robotics for flexible manufacturing environments.	✓
DARROW	AI-powered legal intelligence platform for uncovering hidden legal violations.	
DS2	Decision support systems aimed at enhancing sustainable transport planning.	✓
EMERALDS	Integration of AI and robotics for improved medical diagnostics and surgical assistance.	✓
euROBIN	European network enhancing robot capabilities through knowledge transfer methods like demonstration and digital communication.	
EXANODIA	Customized AI-assisted solutions for non-destructive testing in industries such as nuclear, oil & gas, and naval sectors.	✓
EXTRACT	AI-based tools for extracting knowledge from large-scale document repositories.	
INTELLIMAN	Intelligent management systems for robotic operations using machine learning.	✓
MAMMOth	Development of tools for fairness-aware AI to ensure accountability with respect to protected attributes like gender, race, and age.	
MANIBOT	Development of human-robot collaborative manipulation systems for industrial tasks.	✓
PERKS	Privacy-preserving knowledge sharing in federated AI systems.	✓
REPRODUCE	AI applications promoting circular economy and sustainable production processes.	✓
RICAIP	Research and innovation centre focusing on AI and robotics for advanced industrial production.	✓
SAFEXPLAIN	Ensuring safety and explainability in human-centric AI systems.	
SCORPION	Robotics solutions designed for unstructured and hazardous environments.	✓
THEMIS 5.0	AI-driven, human-centered ecosystem to optimize the reliability and trustworthiness of AI systems.	
TrustLLM	Development of trustworthy and transparent large language models.	
Trustworthy AI Cluster	Coordination among projects focusing on trustworthy AI development.	
TUPLES	Secure and trustworthy learning frameworks for cyber-physical systems.	✓

2.3 Exhibition 3 - ADRF 24, Eindhoven (Netherlands)

The third edition of the ADR Exhibition was held on **4-5 November 2024** as part of the AI, Data and Robotics Forum (ADRF) [5] in Eindhoven, the Netherlands. With the support of the Adra-e project, Adra organised this high-profile physical event in collaboration with the European Commission and the local host, AINed[6]. The ADRF24 brought together over 400 participants of various backgrounds and areas of expertise, including industry leaders, researchers, policymakers and relevant speakers under the theme “European sovereignty in AI, Data and Robotics. The event aimed to highlighting the importance of innovation, resilience and trust, as well as Europe’s technological leadership, and to encourage debate around the societal, industrial and political challenges these topics pose.

The exhibition was integrated into the main venue of the forum, where dedicated physical stands facilitated in-person interaction. While the ADRF itself was coordinated under Task 1.4 of the Adra-e project, the design and delivery of the exhibition remained under the responsibility of Task 2.3. To ensure seamless coordination between the forum’s overall programme and the exhibition, a representative from Atos —leading Task 2.3 and Task 1.3— joined the sponsorship committee, reinforcing alignment between content curation, logistical planning, and stakeholder engagement across tasks.

Participation in the ADR Exhibition was linked to structured sponsorship packages, enabling a diverse group of participants ranging from EU-funded projects and research institutions to SMEs and industry stakeholders, to showcase their work and engage directly with the ADR community.

The sponsorship packages were structured as follows [5]:

- **Platinum Sponsor**: 10m² exhibition booth, speaking opportunities, four event tickets, social media promotion, and prominent logo placement.
- **Diamond Sponsor**: 6m² exhibition booth, speaking opportunities, two event tickets, and promotional benefits.
- **Gold Sponsor**: 4m² exhibition booth, speaking opportunities, one event ticket, and promotional benefits.
- **Silver Sponsor**: Poster spot in the exhibition area, one event ticket, and logo visibility. Specially tailored package for EU funded projects.

The identification and engagement of relevant exhibitors was carried out in close collaboration with Tasks 1.2 (Support to Projects) and 1.4 (ADR Forum). A call for exhibitors was published on the Adra-e website and circulated through the address book developed under Task 1.2, which included a wide network of ADR stakeholders, funded projects, and innovation clusters. The call was shared via targeted email campaigns using Microsoft Word's mail merge feature, enabling personalised communication to hundreds of potential participants. Alongside this broad outreach, more targeted messages were sent to key multipliers in the community, including other CSAs, DIHs, NoEs, and of course the founding members of Adra, inviting them to share the opportunity within their networks. This multi-channel approach helped ensure a diverse and relevant pool of exhibitors, spanning research projects, SMEs, and strategic initiatives aligned with the forum's themes.

[6] https://ained.nl/en/

The exhibition area was strategically located in the central area within the Evoluon venue, ensuring high visibility and natural foot traffic throughout the event. With an around-the-booths physical disposition, the whole event offered a vibrant and dynamic atmosphere for interaction, where attendees had the chance to engage directly with the exhibiting projects and enterprises, experience live demonstrations and discuss technical aspects and collaboration opportunities face-to-face.

Exhibitors presented a variety of demonstrations, from interactive displays to informational booths, highlighting advancements in areas such as generative AI, human-robot interaction, or edge computing. Of particular note was the dedicated stand for the AI-on-Demand platform, which provided attendees with insights into its functionalities and collaboration opportunities.

Feedback from participants indicated that the exhibition successfully enhanced visibility for sponsors and fostered meaningful exchanges among the members of the vibrant ADR community. The sponsorship-based model provided a structured framework for participation, balancing promotional opportunities with the event's overarching goals of collaboration and knowledge exchange.

A comprehensive list of exhibitors, along with their respective sponsorship levels and areas of focus, is provided in the table below:

Table 2: List of exhibitors at the ADRF24

Exhibitor Name	Type of Sponsorship	Brief description
Topsector ICT	Platinum	*Promotion of digital innovation across key Dutch economic sectors*
EDIH South Netherlands	Platinum	*Support for SME digitalisation in agrifood, semiconductors, and medical systems*
Province Noord-Brabant	Platinum	*Regional innovation in health, climate, nutrition, and technology*
Eindhoven University of Technology	Platinum	*Research in engineering, smart mobility, and sustainable technologies*
Sestosenso	Diamond	*Precision robotic focusing motors for optical systems and telescopes.*
AI4Europe	Diamond	*Pan-European platform to support excellence in AI research and applications.*
Inria	Diamond	*National research institute in computer science and applied mathematics.*
TNO	Diamond	*Applied research in health, security, sustainability, and digitalization.*
Intelliman	Diamond	*Smart manufacturing process management using AI and digital technologies.*
AI on Demand	Diamond	*European platform for sharing AI tools, services, and resources.*
RICAIP	Gold	*Research centre focused on industrial automation and advanced manufacturing.*
Ideal-ist	Gold	*International ICT project collaboration network under Horizon Europe.*
SingularLogic	Gold	*Enterprise software and digital solutions provider.*
European Investment Bank	Gold	*Financing innovation and sustainable tech initiatives across Europe.*
University of Agder	Gold	*Research in ICT, innovation, and digital transformation.*

PAL Robotics	Gold	*Humanoid and mobile robots for industry, logistics, and healthcare.*
IMEC	Gold	*World-leading R&D in nanoelectronics and digital technologies.*
SmartChange	Silver	*Digital empowerment and smart transformation strategies.*
AutoFair	Silver	*Automated testing frameworks for AI fairness and robustness.*
SafeExplain	Silver	*Explainable and safe embedded AI for critical systems.*
AutoAssess	Silver	*Automated system assessment using advanced analytics.*
PERKS	Silver	*Privacy-preserving knowledge sharing in federated AI systems.*
Dairy 4.0	Silver	*Smart technologies and robotics for dairy production.*
DATAMITE	Silver	*Interoperable tools for data management and governance.*
UPCAST	Silver	*Cross-sector AI solutions for sustainability and trust.*
EMERALDS	Silver	*AI, data analytics, and robotics for health and sustainability.*
REXASI-PRO	Silver	*Human-robot collaboration and AI in unstructured environments.*
CEDAR	Silver	*Data-intensive research analytics and AI workflows.*
FAITH	Silver	*AI-powered early detection and mental health support in cancer care.*

3. Foresight Panel

Alongside the ADR Exhibitions, Task 2.3 also included the organisation of the ADR Foresight Panel. These high-level sessions aimed to explore long-term trends, risks, and opportunities across the European ADR landscape, with a particular focus on guiding future policy and research agendas. While Atos coordinated the general framework of Task 2.3, the Foresight Panels were designed by the University of Twente under the coordination of **Professor Iddo Bante,** in collaboration with T4.2 and delivered as a closure at the end of each Convergence Summit. The present document does not aim to cover their methodology or outputs in detail, as those are documented in separate reports, namely Summit Report 1 and Summit Report 2.

First Foresight Panel: towards a sustainable Europe[7].

Date: June 19, 2024

Moderator: Iddo Bante (University of Twente)

Panellists: Philip Piatkiewicz (ADRA Secretary General); Ana García (BDVA Secretary General); Fredrik Heinz (Linköping University); Petri Myllymäki (University of Helsinki); Reinhard Lafrenz (euRobotics) and Kimmo Rossi (European Commission)

Goal: To synthesize insights from previous sessions, connect them to the ADR SRIDA (Strategic Research, Innovation and Deployment Agenda), and outline shared messages and priorities for future European R&D and policy directions [4].

[7] The whole session can be found on the Adra-e YouTube channel: **European Convergence Summit 2024 - Foresight Panel**

Foresight 2030: ADR Convergence & Policy

Date: April 9, 2025

Moderator: Iddo Bante (University of Twente)

Co-chair: Philip Piatkiewicz (Adra Secretary General)

Panelists: Kai Zenner (European Parliament); Willem Jonker (Chair Board AI Coalition Netherlands); Emanuela Girardi (president of Adra); Frédéric Perlant (Ministère de l'Enseignement Supérieur et de la Recherche); Tomislav Vazdar (CroAI); Pieter Kesteloot (Sirris) and Namir Anani (ICTC)

Goal: to offer a forward-looking perspective through overview of results; discuss presented info and draft a takeaway message of the whole ECS event and its conclusions [6]

4. Outcomes

Exhibition 2

Table 3: Performance of the showrooms exposed in parallel virtual booths during the 1st Convergence Summit.

Showroom	Videos watched	Downloads	Visits
AI NoEs	19	12	54
ALCHIMIA	23	21	78
CREXDATA	2	3	20
COROB	9	N/A	32
DARROW	17	8	47
DS2	5	N/A	14
EMERALDS	2	4	17
euROBIN	4	8	29
EXANODIA	1	N/A	14
EXTRACT			22
INTELLIMAN	N/A	11	36
MAMMOth	4	N/A	23
MANIBOT	4	8	28
PERKS	0	0	19
REPRODUCE	14	3	31
RICAIP	1		9
SAFEXPLAIN			24
SCORPION	7	N/A	22
THEMIS 5.0		4	21
TrustLLM	4	1	20
Trustworthy AI Cluster	6	12	42

TUPLES	N/A	6	17

• 355 invites sent ● 204 registered attendees ● 111 chat posts ● 17 meetings settled

Exhibition 3

In the run-up to ADRF24, a total of 60 social media posts were published to promote the event's speakers, workshops, and sponsors. The event venue had a maximum capacity of 450 attendees, which determined the ticket limit. Registration opened in early September and closed on November 1st, by which time 428 tickets had been sold. Of these, 368 participants completed on-site check-in, as credited in the ADRF24 Report [5].

A satisfaction survey was distributed to all attendees during the week following the event. Among other topics, the survey included a question asking participants to rate their experience with the Exhibition Area on a scale from 1 to 5 (with 5 being the highest score). A total of 81 responses were received. The results for this question were as follows:

	1	2	3	4	5	Average
Please rate your experience with the Exhibition Area	1	6	19	39	16	3,8

5. Cooperation with other tasks

Throughout the second half of the project, strong operational synergies were developed between Task 2.3, responsible for organising the ADR Exhibitions, and Task 1.2, which focused on supporting the ADR projects. As both tasks were led by the same partner, Atos, a close coordination and alignment were achieved. As the project progressed, the two tasks became increasingly interconnected, particularly regarding the participation of ADR projects in key visibility opportunities.

This collaboration translated into a practical integration of efforts: the outreach activities under Task 1.2 were used to identify and engage ADR projects for the exhibitions, while the exhibitions themselves provided a valuable platform to increase the visibility and impact of the projects supported by Task 1.2. This mutual reinforcement ensured that the exhibitions were not isolated showcases, but integral components of a broader strategy to promote and empower the ADR project ecosystem.

Furthermore, the successful integration of the ADR Exhibitions into high-profile events was made possible through close collaboration with the tasks responsible for the overall coordination of those events. For the ADR Forum editions in 2023 and 2024, Task 2.3 worked closely with Task 1.4, which oversaw organising the forums. This coordination ensured consistency in messaging, alignment with the forum agendas, and the smooth logistical integration of the exhibition areas within the event venues. Similarly, for the European Convergence Summit held in 2024, Task 2.3 collaborated closely with Task 4.1, which was responsible for shaping the Summit's programme. This collaboration enabled the Exhibition to be seamlessly incorporated into the event's virtual format securing dedicated time for exhibiting projects within the broader Summit agenda.

6. Conclusions and recommendations

The ADR Exhibitions organised under Task 2.3 of the Adra-e project demonstrated the value of curated showcases in raising visibility, fostering engagement, and stimulating cross-domain collaboration within the ADR community. By embedding these exhibitions within flagship events like the ADR Forum and the European Convergence Summit, the project aligned itself with strategic dialogues and attracted a relevant, high-quality audience, as well as secured substantial sponsorship support. The variety of formats, from digital showrooms to physical booths, enabled flexible and inclusive participation, while maintaining a coherent thematic narrative.

Albeit the exhibitions were not the most structurally significant element of the project as a whole, they represented a visible and accessible interface for the Partnership's ecosystem, translating technical achievement into public experiences.

A key insight from the implementation of Adra-e is the value of operational synergy between community engagement and visibility efforts. The successful coordination between the project tasks responsible for supporting ADR initiatives and those curating the exhibitions demonstrated how shared outreach tools, aligned messaging, and unified planning can significantly amplify impact. This suggests that for Adra moving forward, internal coherence and collaboration across its different action lines, whether focused on communication, community building, or strategic foresight, will be essential to maximise visibility and stakeholder engagement, some values worth delivering to the ecosystem for such an association. Future initiatives should therefore prioritise coordinated approaches that leverage the association's collective voice and reach, rather than fragmenting efforts.

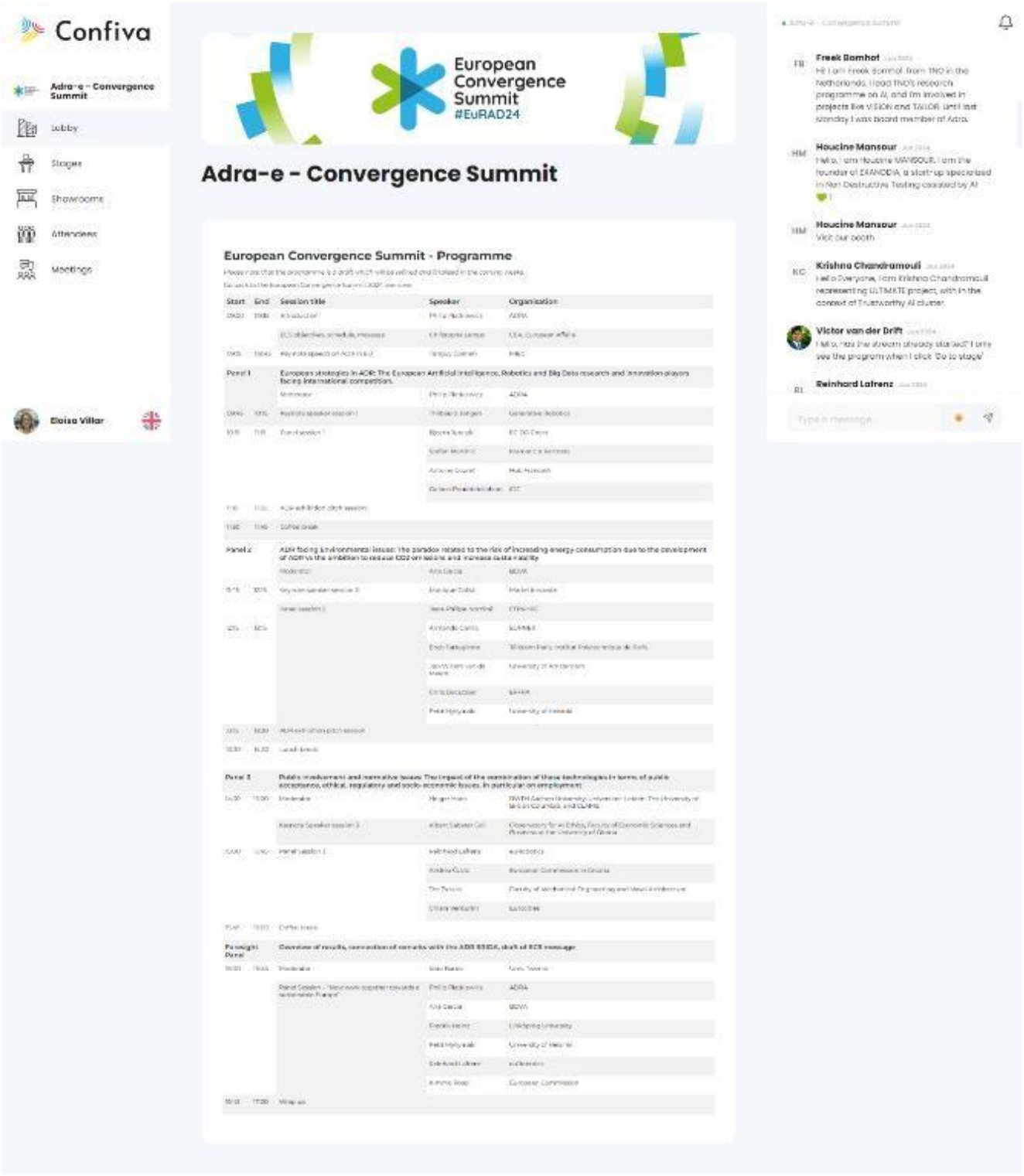
Moreover, looking to the future, hybrid formats should be further explored to strike a balance between accessibility and relationship building. Lightweight follow-up mechanisms, such as interactive catalogues or matchmaking tools, could help turn spontaneous interactions into structured partnerships. Diversity and sustainability should remain core values, both in the projects exhibited and the audiences reached. Also, in terms of targeted exhibitors, the focus should primarily be on the projects funded by the ADR Partnership. It will contribute in several ways to the impact on the ADRA mission implementation and community building besides simplifying sponsorship, as the projects will be more willing to be sponsors (and they have resources for that).

Finally, as the ADR ecosystem continues to evolve, one might reasonably wonder what future exhibitions will look like. In a few years, the demonstrators may not be on the stands, but standing beside them, pitching themselves, perhaps, in flawless synthetic French… As useful as recommendations might be, if we've learnt something in the last three years –the lifetime span of this project– is that the future tends to have a creative mind of its own.

7. Annexes

Convergence Summit 2024

1- CS2024 Program



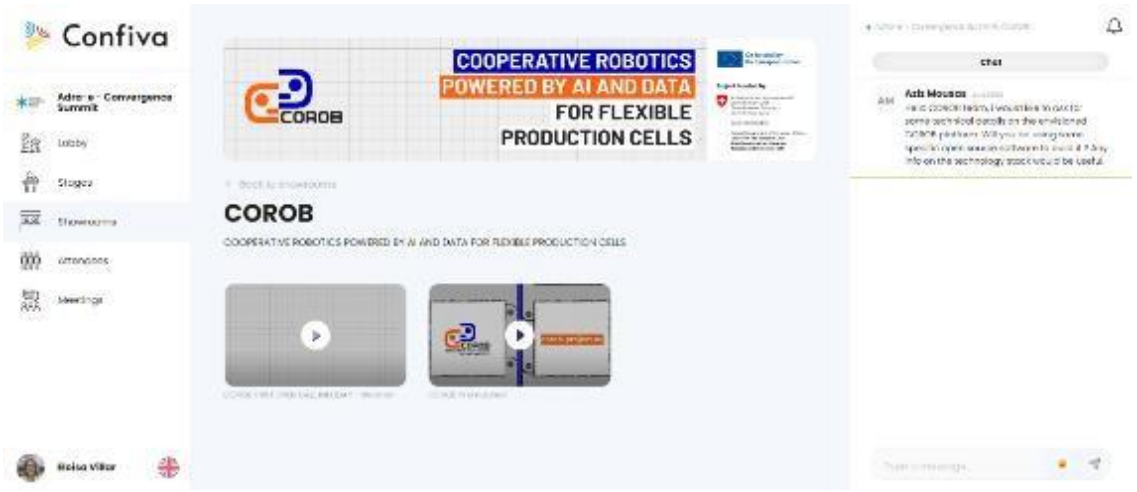
Exhibitor screenshots

The following images are screenshots from the platforms that hosted the event. Materials were provided by the exhibitors.

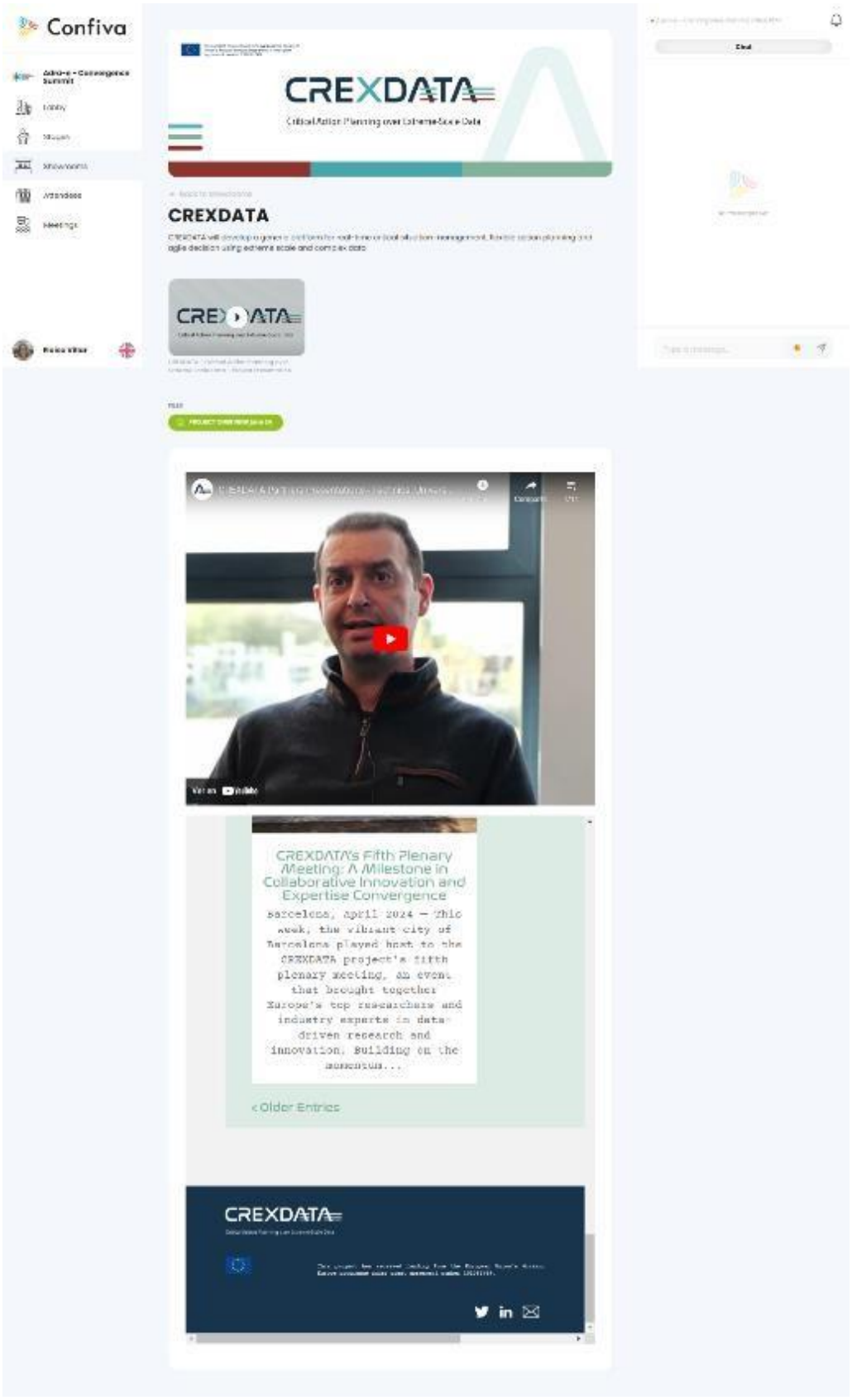
2 AINoEs booth

3 ALCHIMIA booth

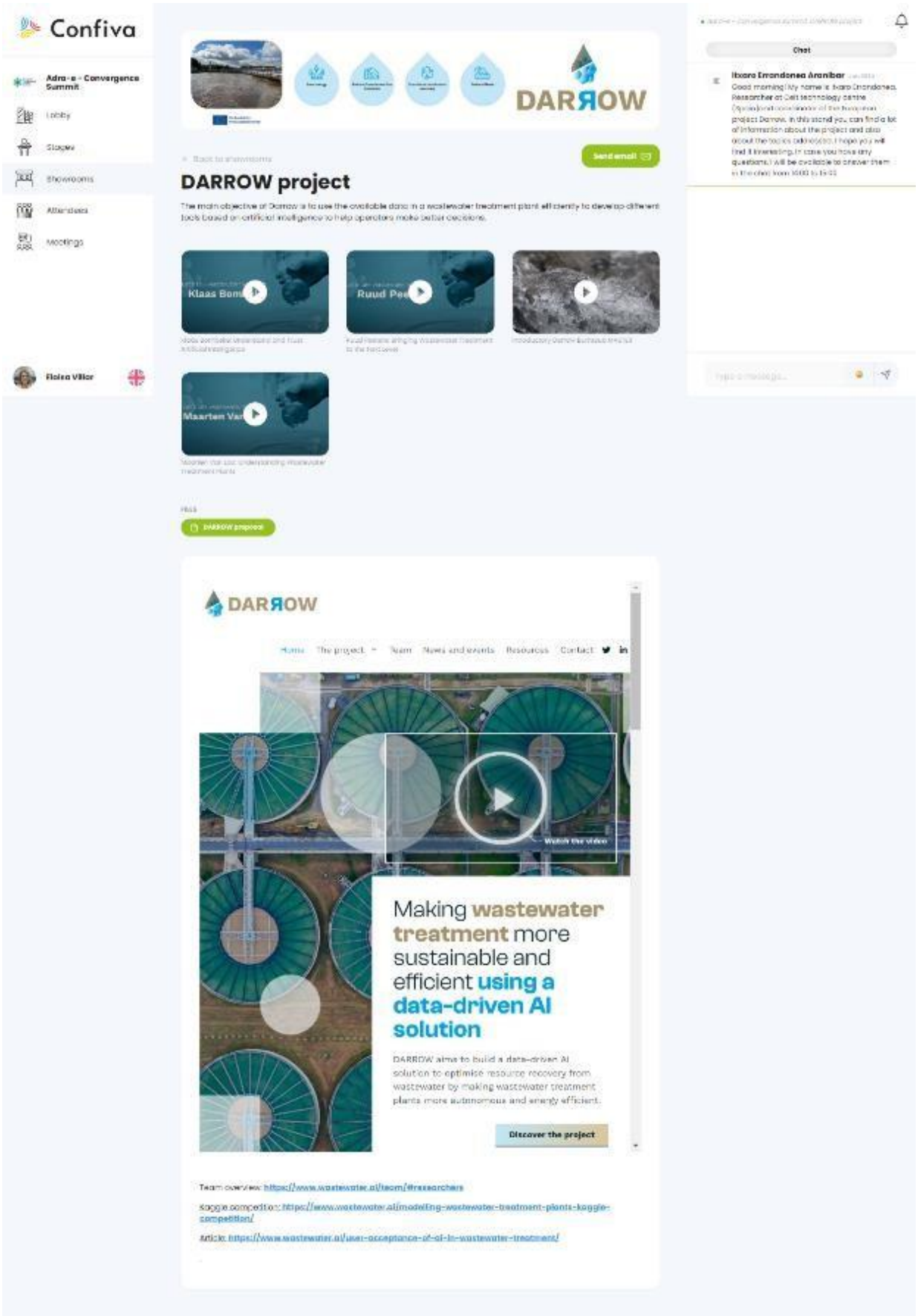
4 COROB booth



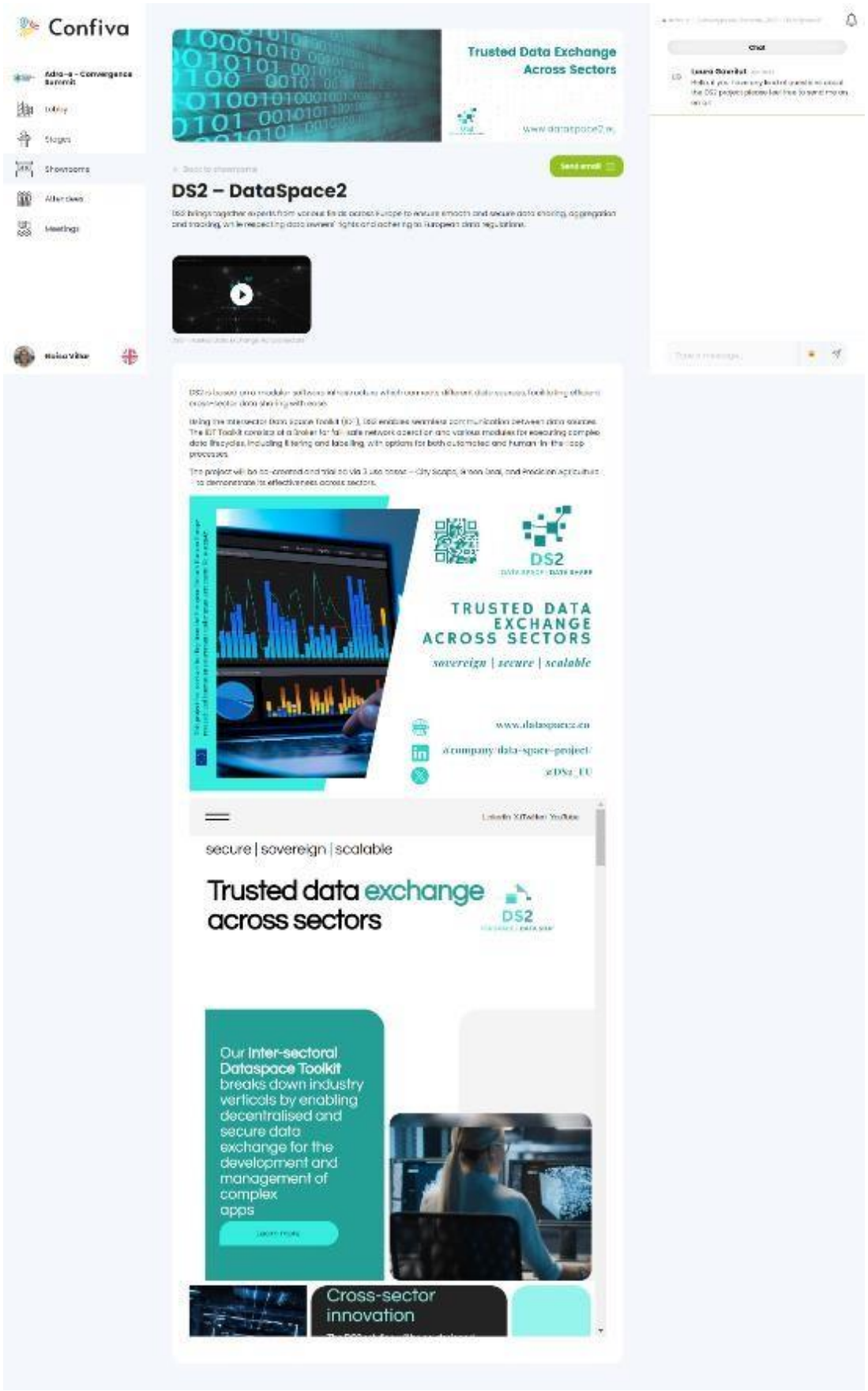
5 CREXDATA booth



6 DARROW


Confiva
Adra-e - Convergence Summit
Lobby
Stages
Showrooms
Attendees
Meetings
Floiza Villar
DARROW
DARROW project
Chat
Klaas Bom
Ruud Pe
Maarten Va
DARROW proposal
DARROW
Home
The project
Team
News and events
Resources
Contact
Watch the video
Making wastewater treatment more sustainable and efficient using a data-driven AI solution
DARROW aims to build a data-driven AI solution to optimise resource recovery from wastewater by making wastewater treatment plants more autonomous and energy efficient.
Discover the project
Team overview: https://www.wastewater.ai/team/#researchers
kaggle competition: https://www.wastewater.ai/modeling-wastewater-treatment-plants-kaggle-competition/
Article: https://www.wastewater.ai/user-acceptance-of-ai-in-wastewater-treatment/

7 DS2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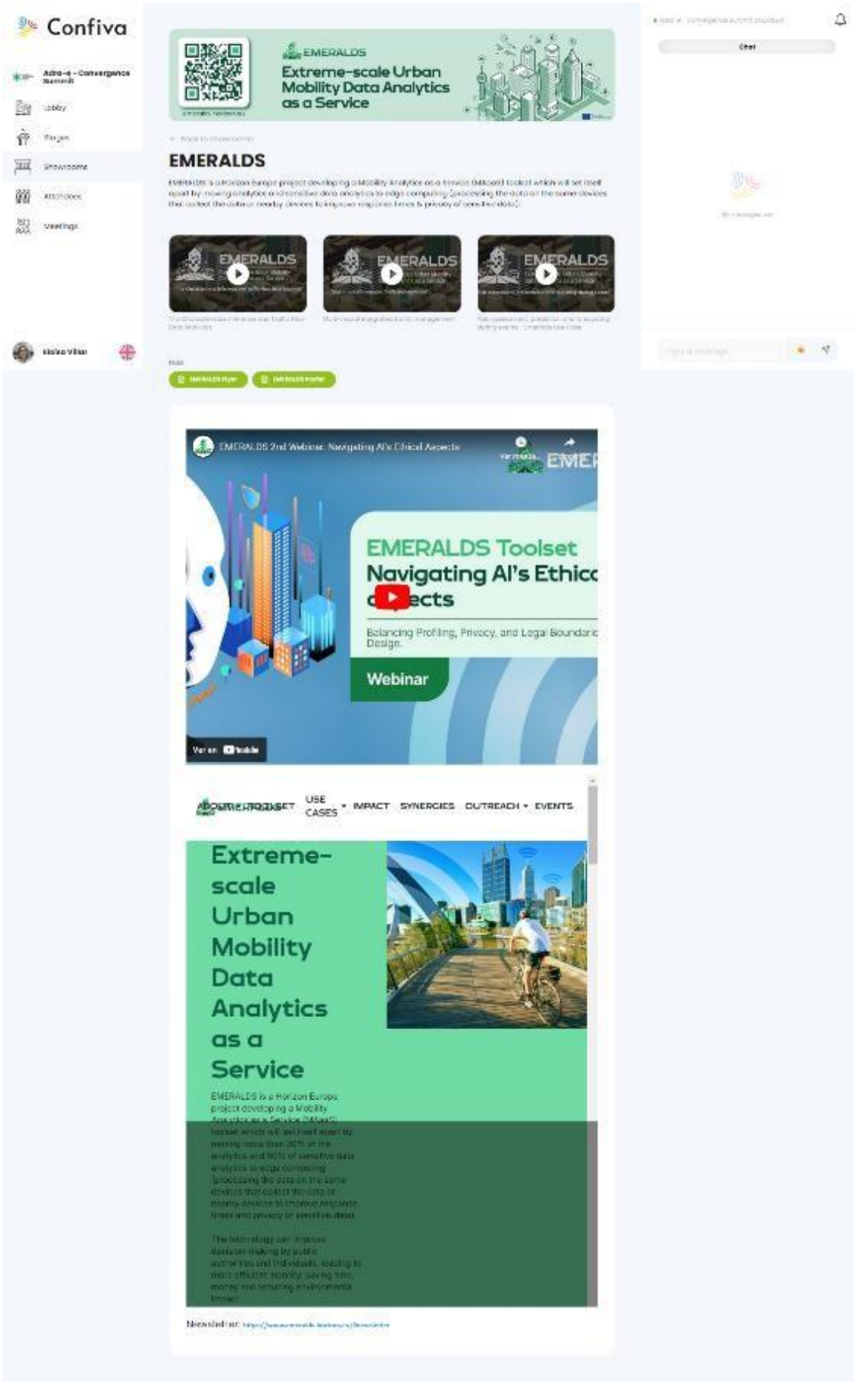
Trusted Data Exchange Across Sectors
DS2 – DataSpace2
DS2
TRUSTED DATA EXCHANGE ACROSS SECTORS
sovereign | secure | scalable
secure | sovereign | scalable
Trusted data exchange across sectors
Our Inter-sectoral Dataspace Toolkit breaks down industry verticals by enabling decentralised and secure data exchange for the development and management of complex apps
Cross-sector innovation

8 EMERALDS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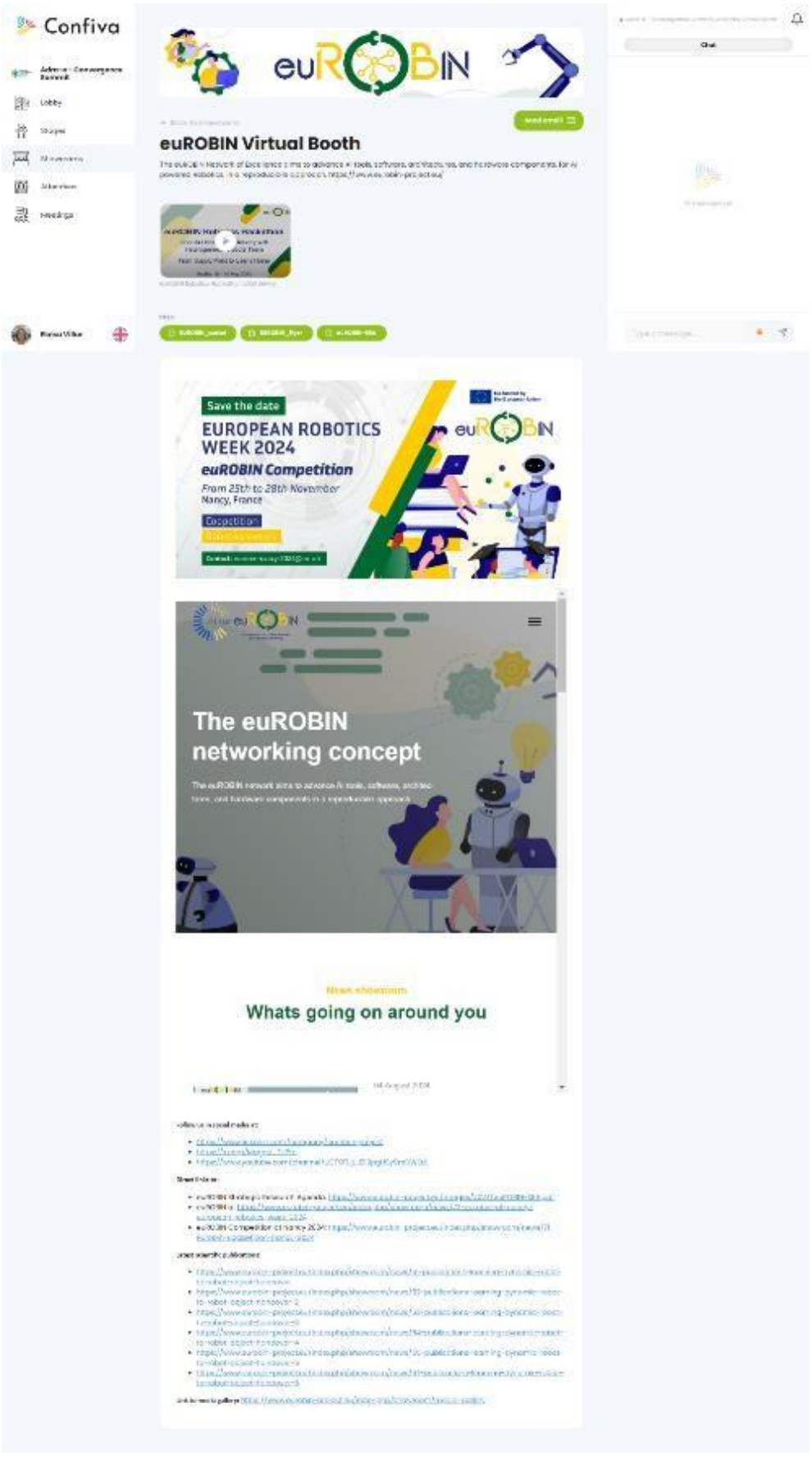
EMERALDS 2nd Webinar: Navigating AI's Ethical Aspects
EMERALDS Toolset
Navigating AI's Ethic
Balancing Profiling, Privacy, and Legal Boundaries in Design.
Webinar
USE CASES
IMPACT
SYNERGIES
OUTREACH
EVENTS
Extreme-scale Urban Mobility Data Analytics as a Service

9 euROBIN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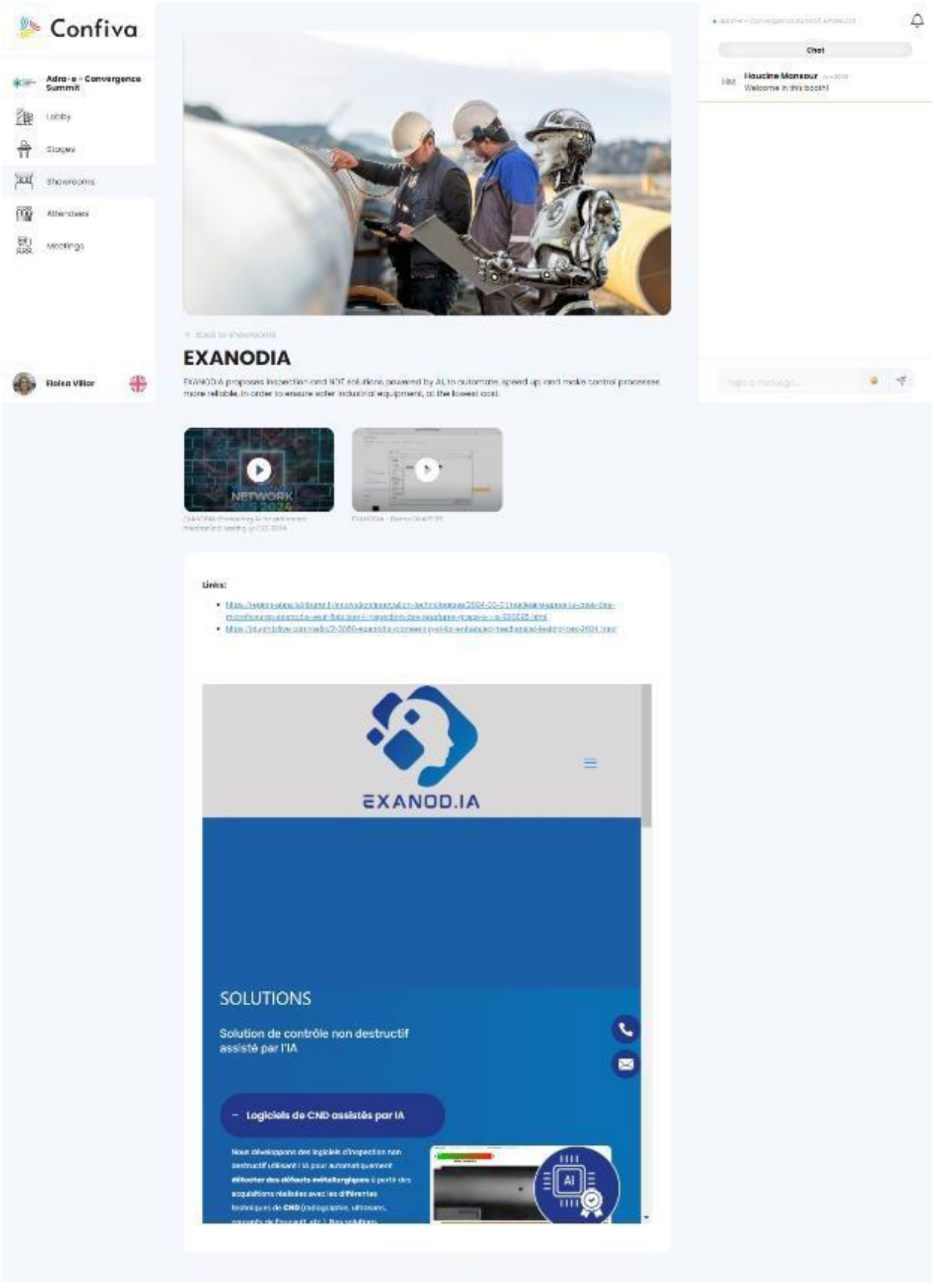
euROBIN Virtual Booth
Save the date
EUROPEAN ROBOTICS WEEK 2024
euROBIN Competition
From 25th to 28th November
Nancy, France
The euROBIN networking concept
Whats going on around you

10 Exanodia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Welcome in this booth!
EXANODIA
NETWORK
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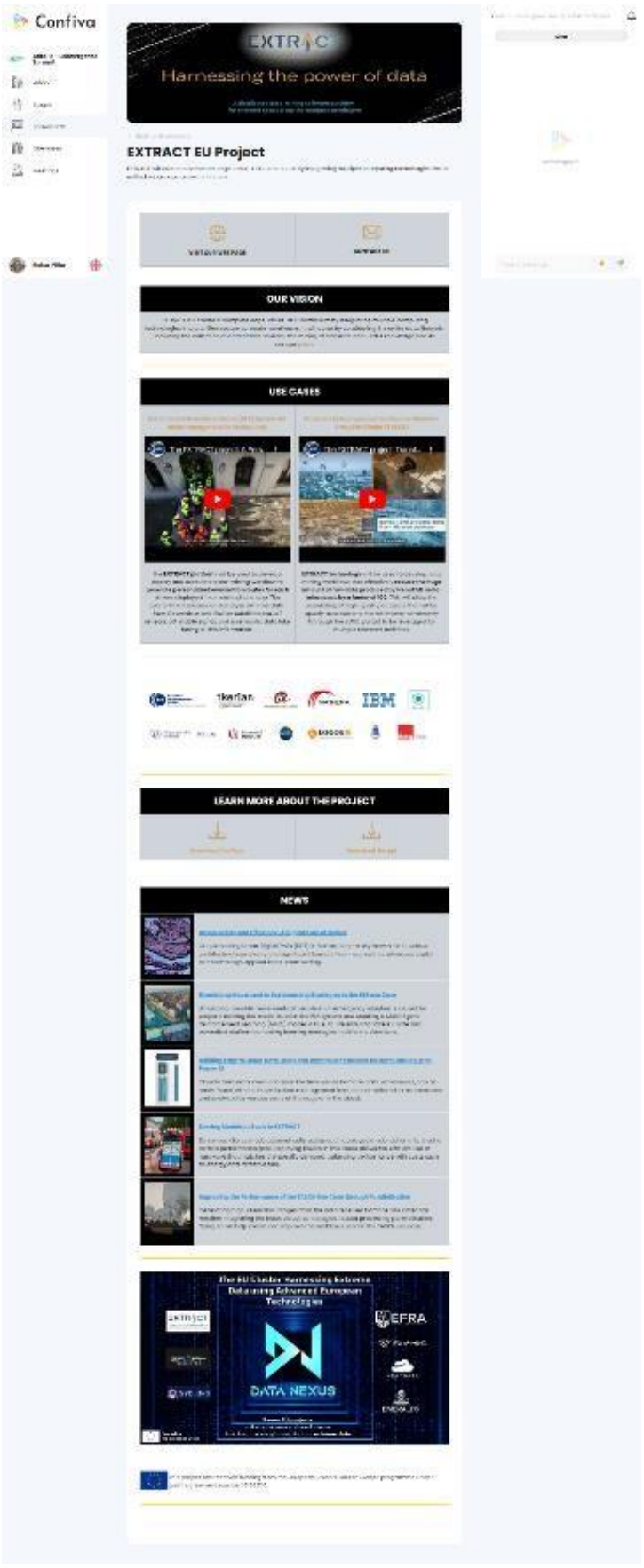
EXANOD.IA
SOLUTIONS
Solution de contrôle non destructif assisté par l'IA
Logiciels de CND assistés par IA
AI

11 EXTRACT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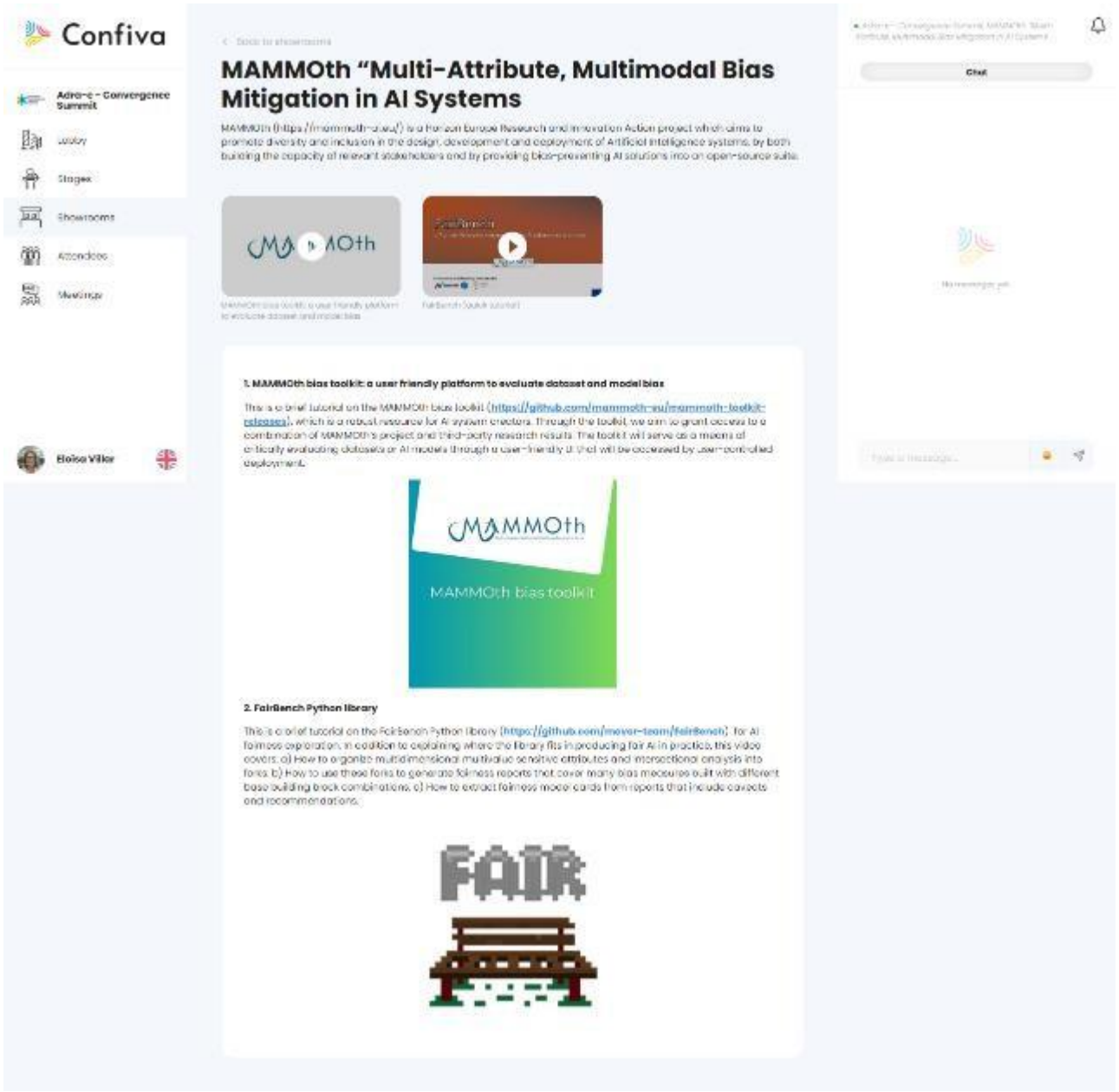
13 MAMMOth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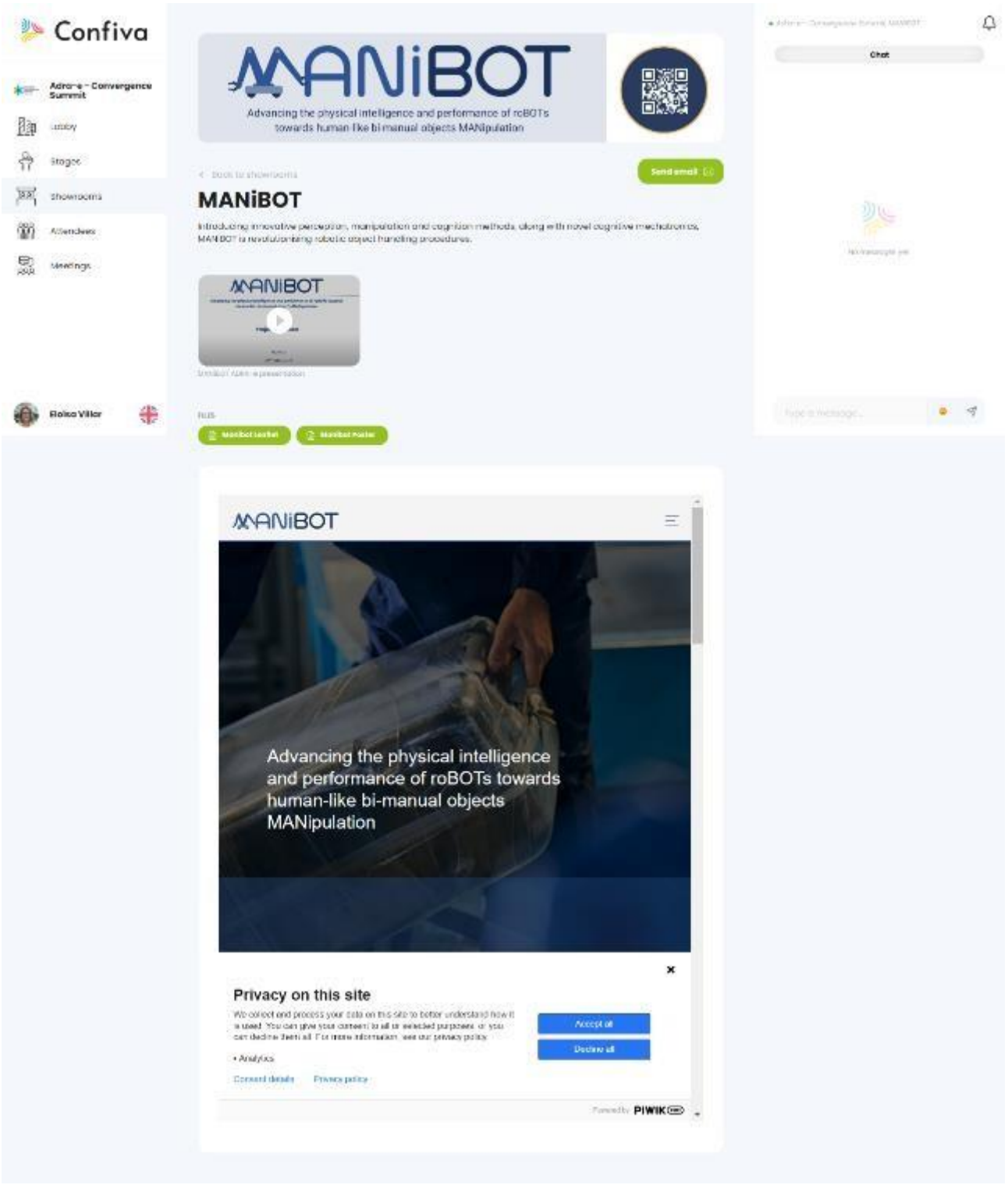
Meetings
Eloisa Vilar
MAMMOth "Multi-Attribute, Multimodal Bias Mitigation in AI Systems
1. MAMMOth bias toolkit: a user friendly platform to evaluate dataset and model bias
MAMMOth bias toolkit
2. FairBench Python library
FAIR

14 MANIBOT


Confiva
Adra-e - Convergence Summit
Lobby
Stages
Showrooms
Attendees
Meetings
Raiko Villar
MANiBOT
Advancing the physical intelligence and performance of roBOTs towards human-like bi-manual objects MANipulation
Send email
MANiBOT
Introducing innovative perception, manipulation and cognition methods, along with novel cognitive mechatronics, MANiBOT is revolutionising robotic object handling procedures.
MANiBOT
Chat
MANiBOT
Advancing the physical intelligence and performance of roBOTs towards human-like bi-manual objects MANipulation
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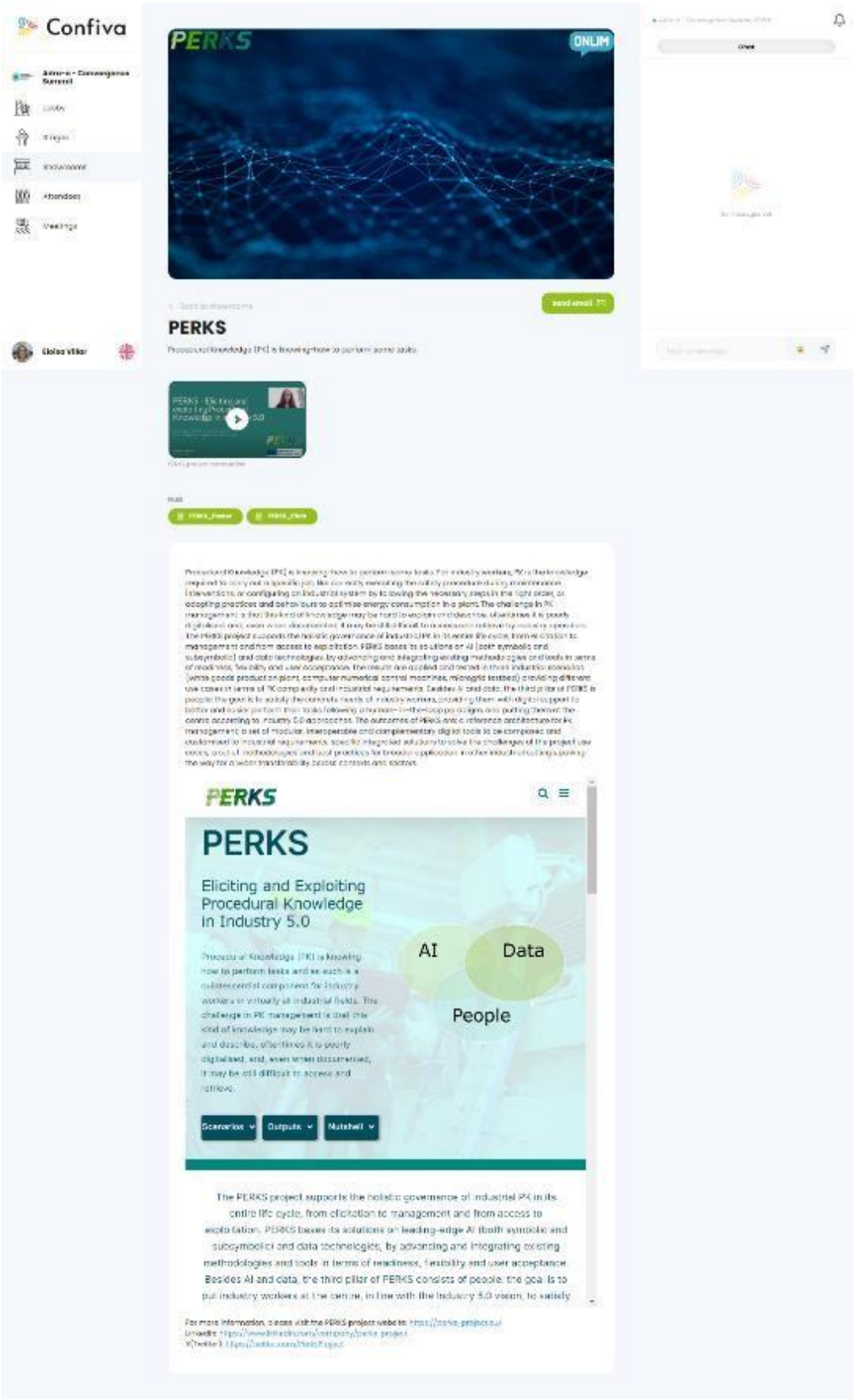
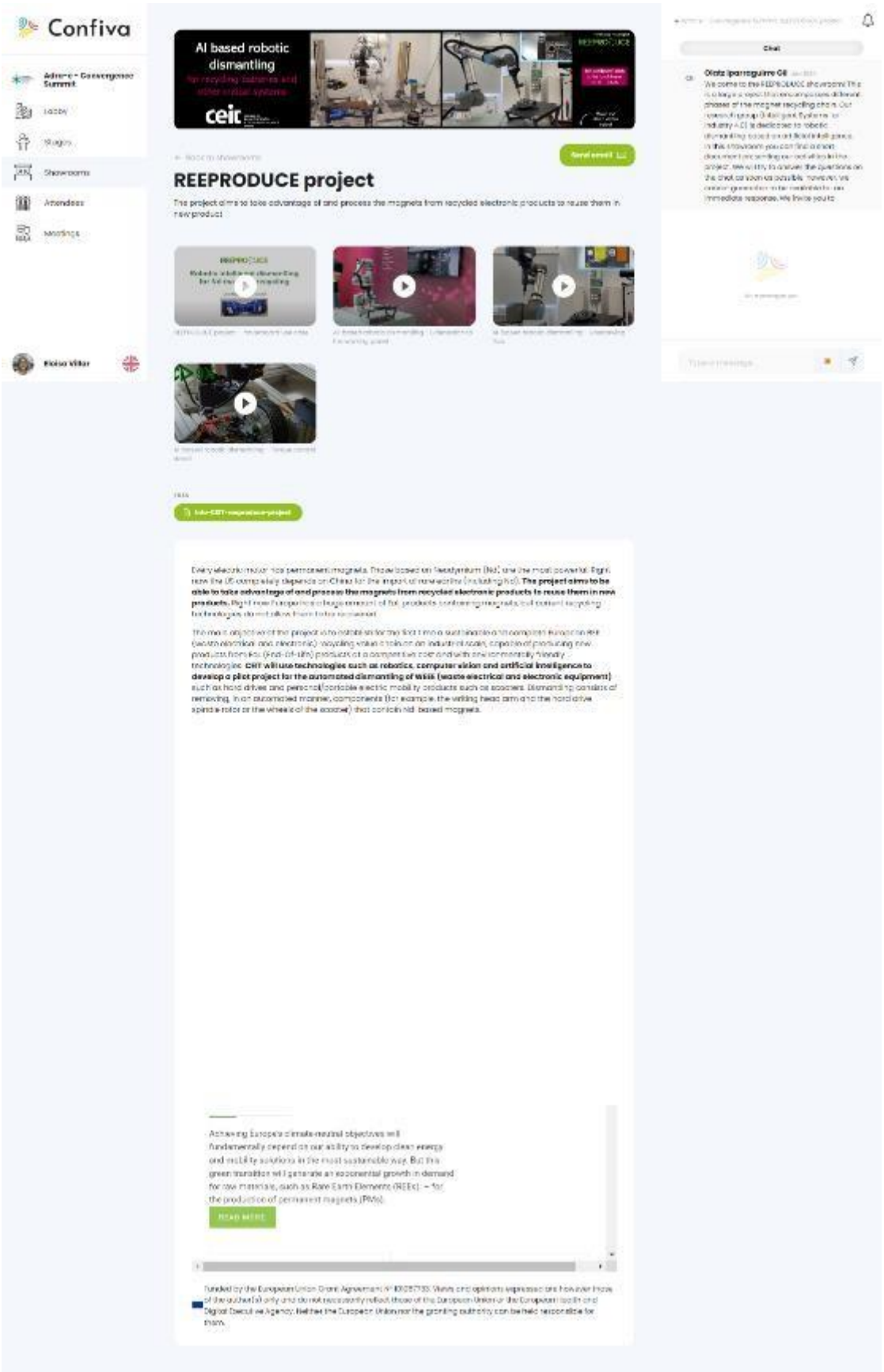
15 PERKS


Confiva
PERKS
ONLIM
PERKS
PERKS
Eliciting and Exploiting Procedural Knowledge in Industry 5.0
AI
Data
People
Scenarios
Outputs
Nutshell
The PERKS project supports the holistic governance of industrial PK in its entire life cycle, from elicitation to management and from access to application. PERKS bases its solutions on leading-edge AI (both symbolic and subsymbolic) and data technologies, by advancing and integrating existing methodologies and tools in terms of readiness, feasibility and user acceptance. Besides AI and data, the third pillar of PERKS consists of people: the goal is to put industry workers at the centre, in line with the Industry 5.0 vision, to satisfy

16 REPRODUCE

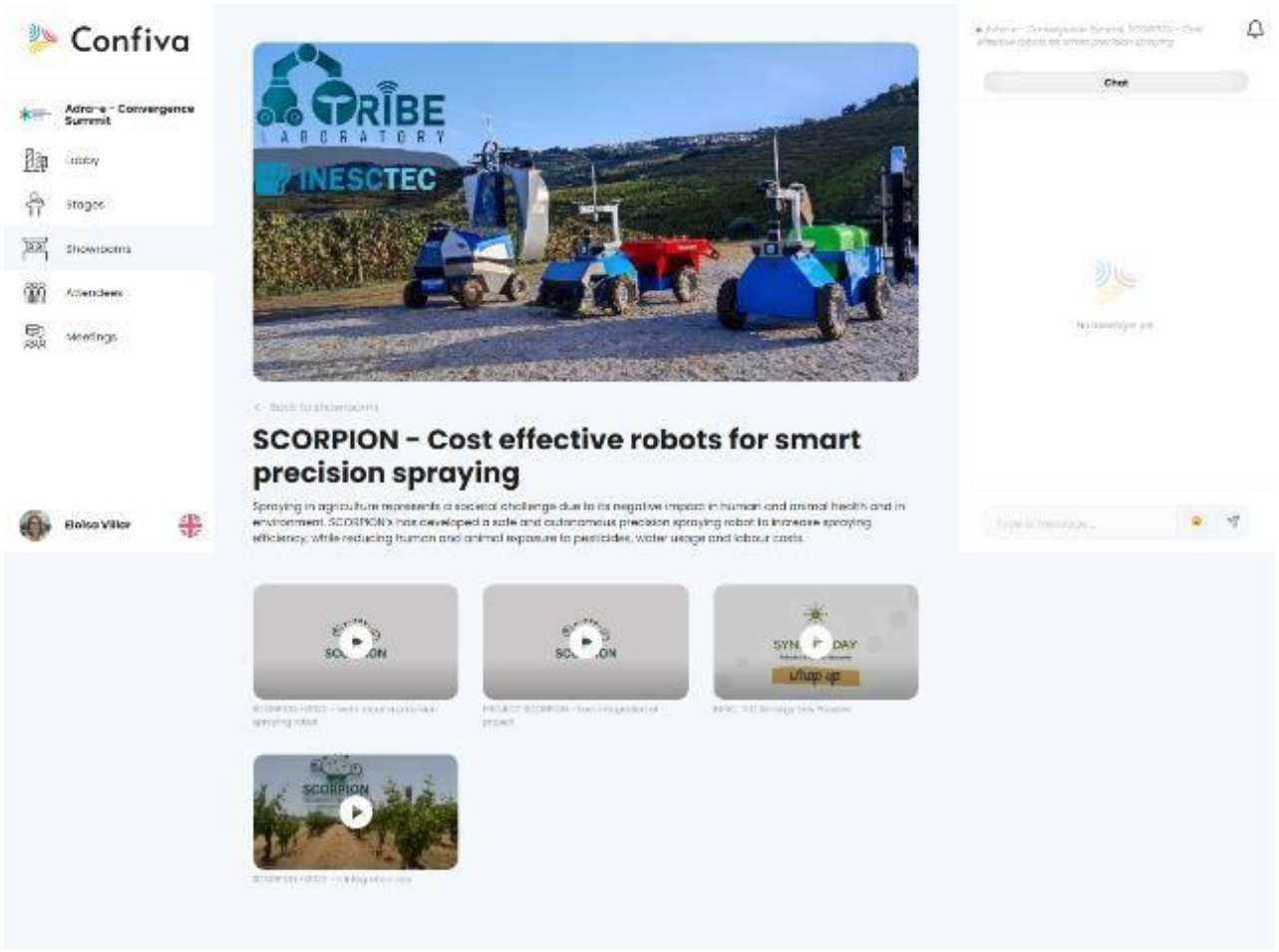


17 RICAIP


Confiva
RICAIP
RICAIP – Research and Innovation Centre on Advanced Industrial Production
dfki
ZeMA

18 SAFEXPLAIN

19 SCORPION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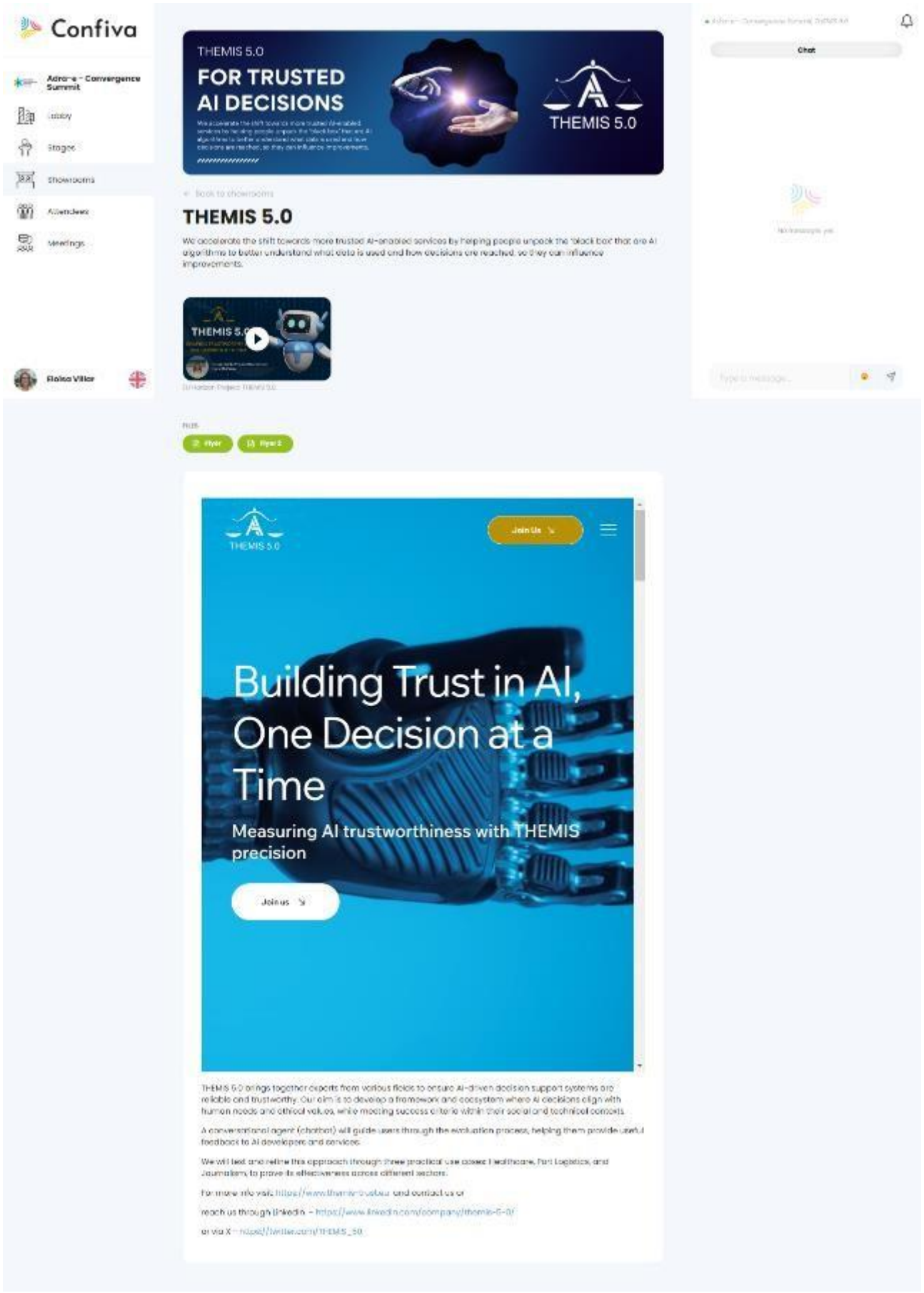
Attendees
Meetings
Raisa Villar
TRIBE
LABORATORY
INESCTEC
Chat
SCORPION - Cost effective robots for smart precision spraying
Sprayingin agriculture represents a societal challenge due to its negative impact in human and animal health and in environment. SCORPION's has developed a safe and autonomous precision spraying robot to increase spraying efficiency, while reducing human and animal exposure to pesticides, water usage and labour costs.
Wrap up
SCORPION

20 THEMIS


Confiva
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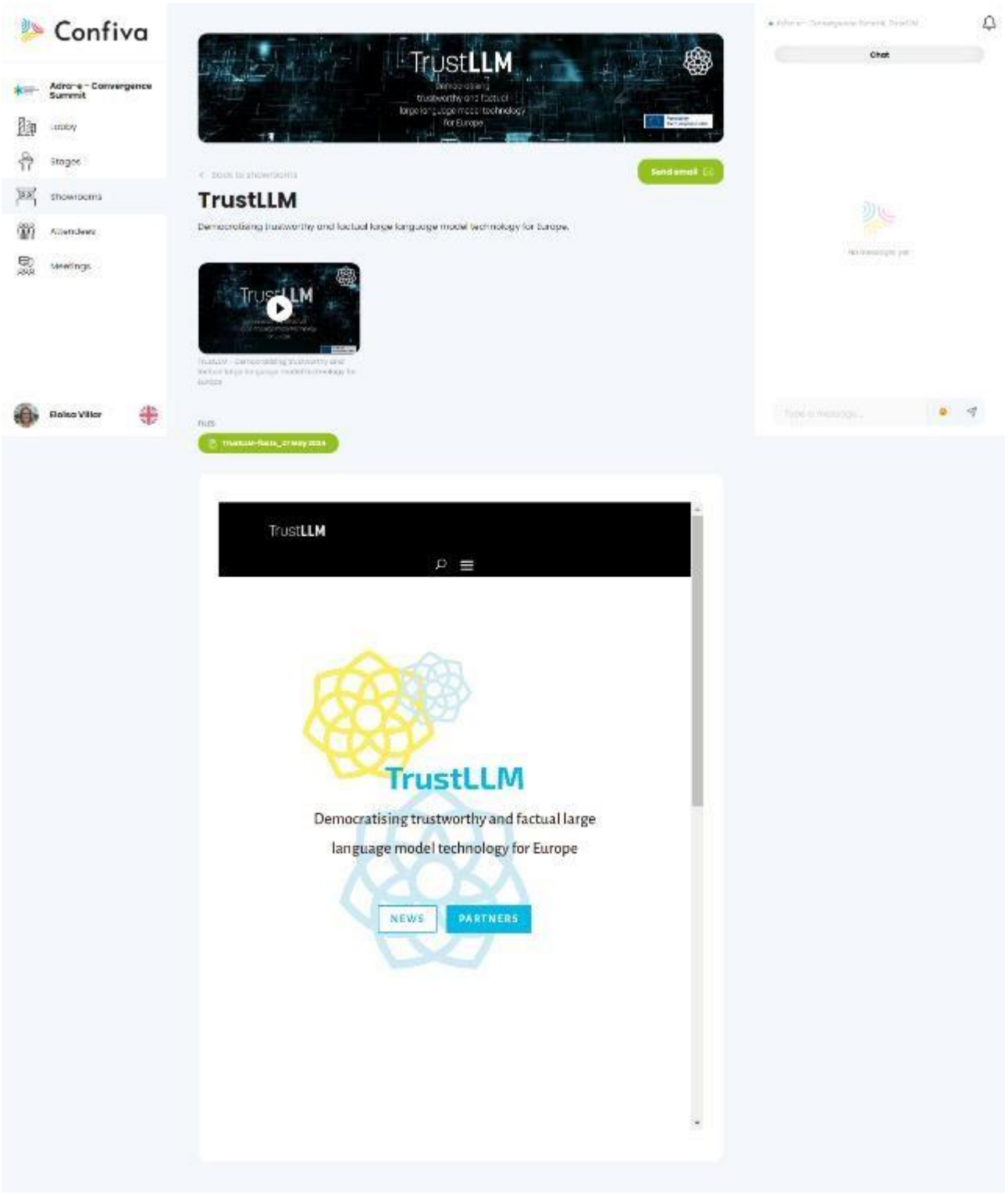
Stages
Showrooms
Networkers
Meetings
Eloisa Villar
THEMIS 5.0
FOR TRUSTED AI DECISIONS
THEMIS 5.0
THEMIS 5.0
We accelerate the shift towards more trusted AI-enabled services by helping people unpack the 'black box' that are AI algorithms to better understand what data is used and how decisions are reached, so they can influence improvements.
Chat
Flyer
Flyer 2
THEMIS 5.0
Join Us
Building Trust in AI, One Decision at a Time
Measuring AI trustworthiness with THEMIS precision
Join us
THEMIS 5.0 brings together experts from various fields to ensure AI-driven decision support systems are reliable and trustworthy. Our aim is to develop a framework and ecosystem where AI decisions align with human needs and ethical values, while meeting success criteria within their social and technical contexts.
A conversational agent (chatbot) will guide users through the evaluation process, helping them provide useful feedback to AI developers and services.
We will test and refine this approach through three practical use cases: Healthcare, Port Logistics, and Journalism, to prove its effectiveness across different sectors.
For more info visit: https://www.themis-values.eu and contact us or
reach us through LinkedIn - https://www.linkedin.com/company/themis-5-0/
or via X - https://twitter.com/THEMIS_50

21 TrustLLM


Confiva
Adra-e - Convergence Summit
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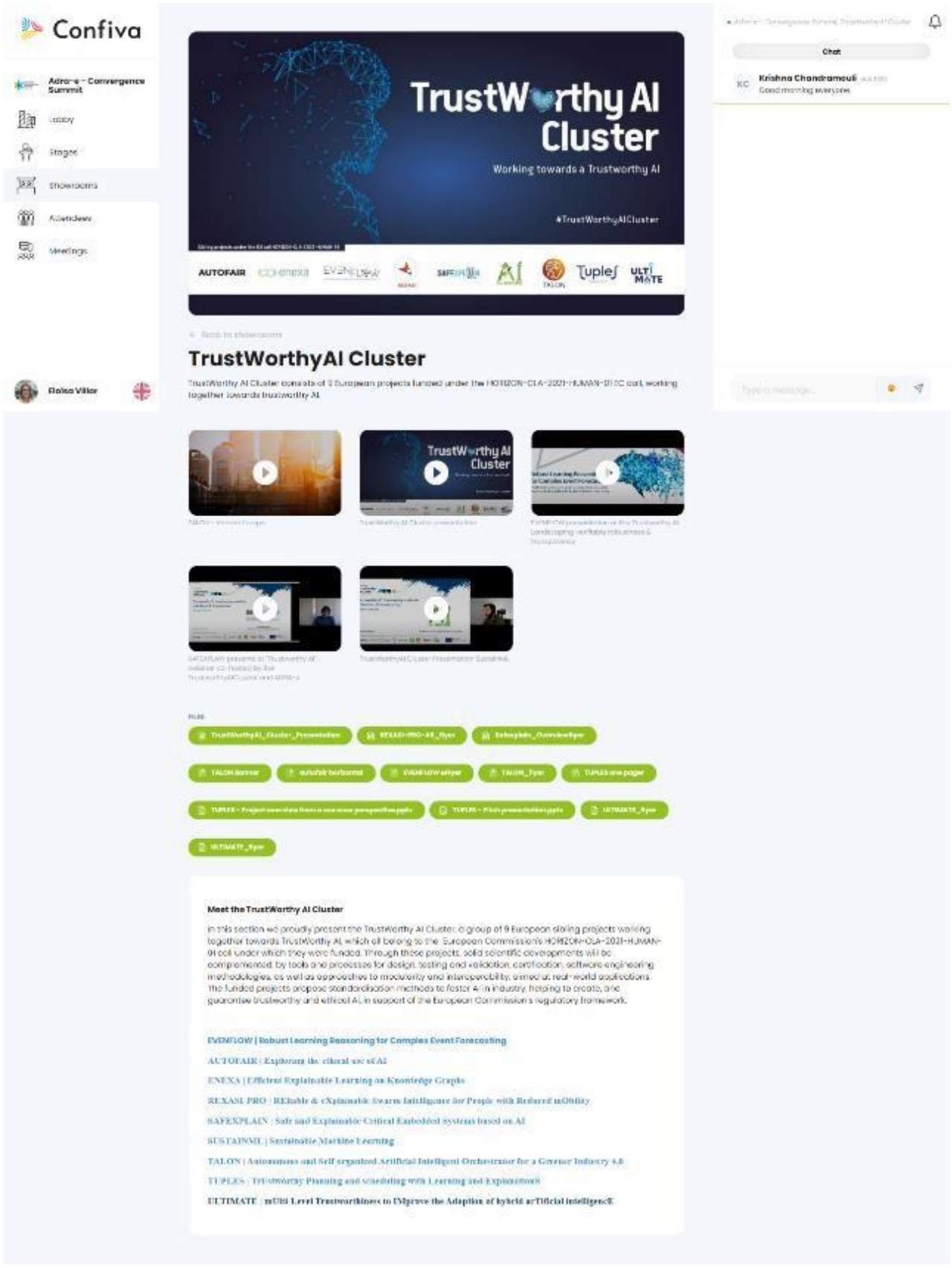
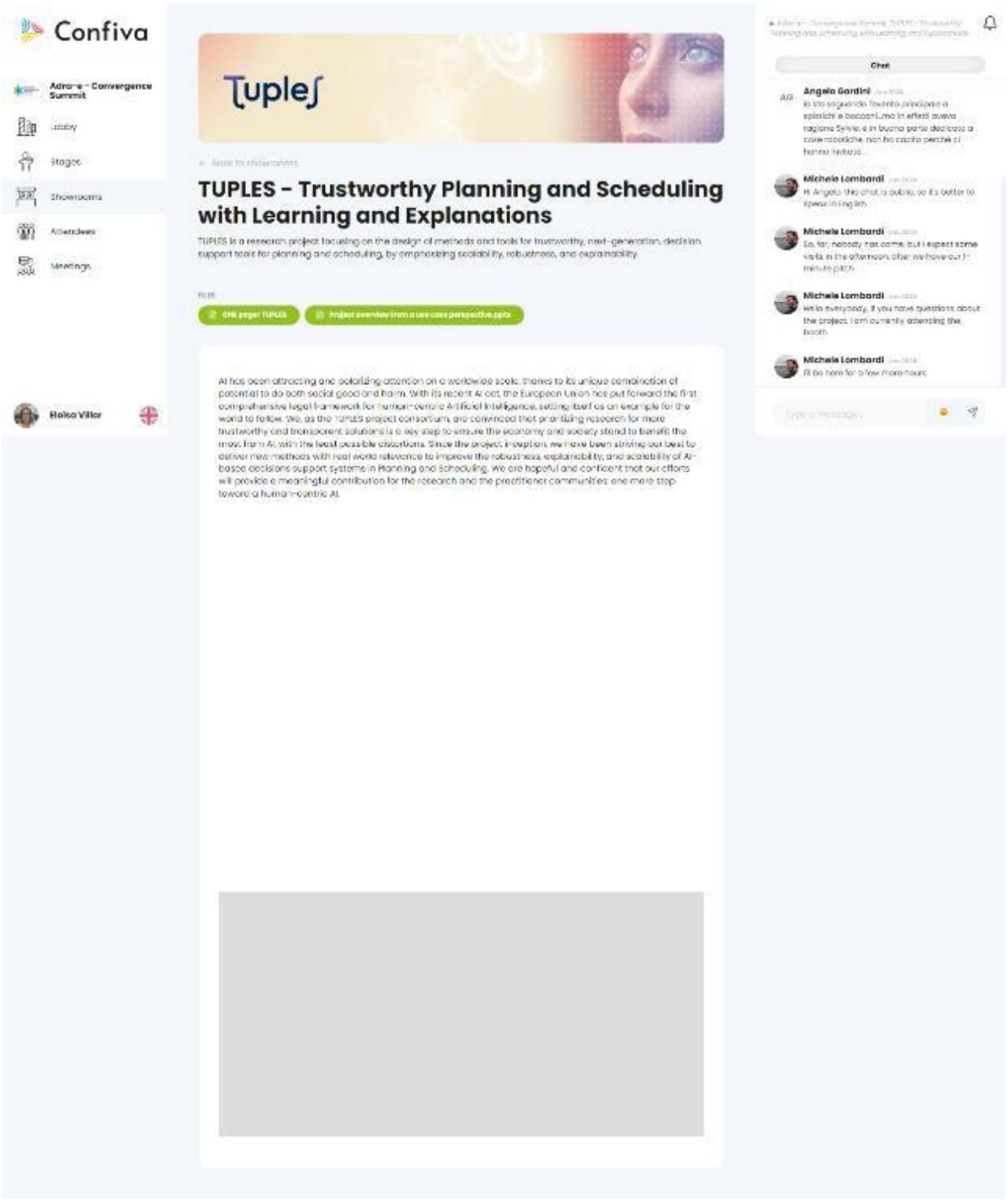
Stages
Showrooms
Networkers
Meetings
Eloisa Villar
TrustLLM
Democratising trustworthy and factual large language model technology for Europe
Send email
TrustLLM
Democratising trustworthy and factual large language model technology for Europe.
Chat
TrustLLM
TrustLLM
Democratising trustworthy and factual large language model technology for Europe
NEWS
PARTNERS

22 Trustworthy AI Cluster



23 TUPLES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Adra-e - Convergence Summit
Lobby
Stages
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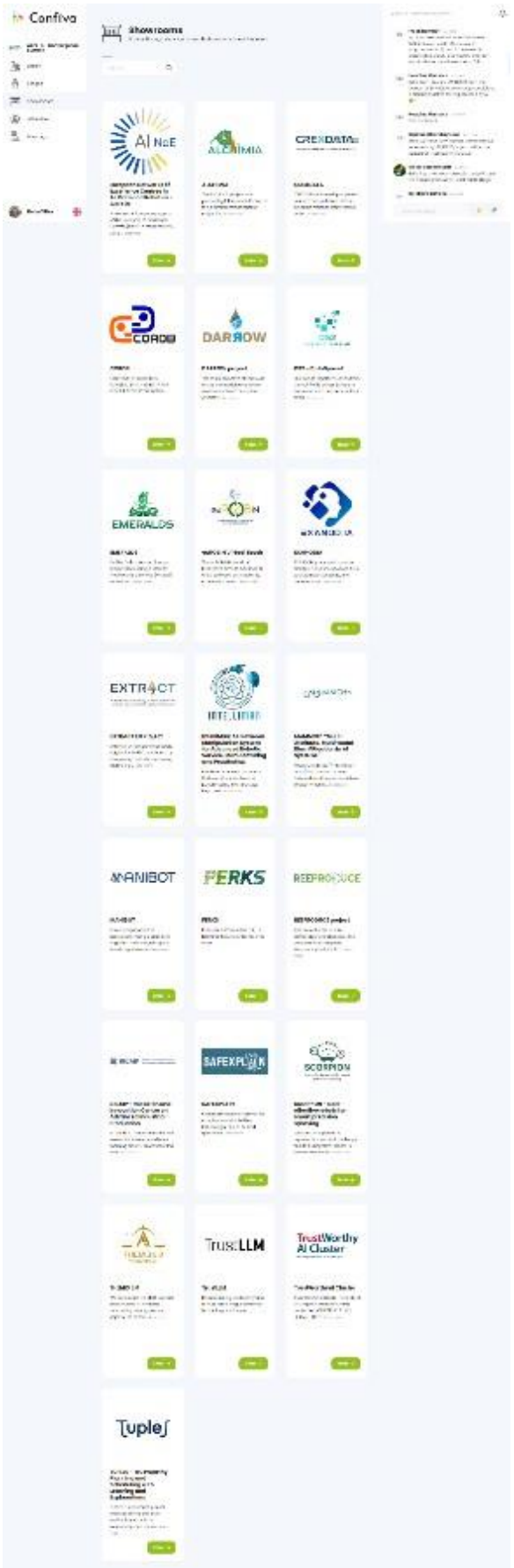
Attendees
Meetings
Heiko Villar
Tuples
TUPLES - Trustworthy Planning and Scheduling with Learning and Explanations
TUPLES is a research project focusing on the design of methods and tools for trustworthy, next-generation, decision support tools for planning and scheduling, by emphasizing scalability, robustness, and explainability.
AI has been attracting and polarizing attention on a worldwide scale, thanks to its unique combination of potential to do both social good and harm. With its recent AI act, the European Union has put forward the first comprehensive legal framework for human-centric Artificial Intelligence, setting itself as an example for the world to follow. We, as the TUPLES project consortium, are convinced that prioritizing research for more trustworthy and transparent solutions is a key step to ensure the economy and society stand to benefit the most from AI, with the least possible downturns. Since the project inception, we have been striving our best to deliver new methods with real world relevance to improve the robustness, explainability, and scalability of AI-based decisions support systems in Planning and Scheduling. We are hopeful and confident that our efforts will provide a meaningful contribution for the research and the practitioner communities one more step toward a human-centric AI.
Chat
Angelo Gordini
Michele Lombardi
Michele Lombardi
Michele Lombardi

24 All the exhibitors



25 ECS2024 Pitching Sessions

ECS – ADR EXHIBITION – Pitching sessions.

1st SLOT (11:15 – 11:30)

1. AI NoE: Eva Dolezalova
2. ALCHIMIA: Carmen Perea
3. DS2: Laura Gavrilut
4. MANiBOT: Laura Jones
5. PERKS: Ioan Toma
6. RICAIP: Pavel Burget
7. SCORPION: Filipe Neves Dos Santos

2nd SLOT (13:15-13:30)

1. COROB: Iñaki Sáinz
2. EMERALDS: Nicholas Ferguson
3. EXANOD.IA: Houcine Mansour
4. INTELLIMAN: Gianluca Palli
5. REEPRODUCE (CEIT): Diego Borro
6. TUPLES: Michele Lombardi

ADRF24 [7]

26 ADRF24 Sponsors

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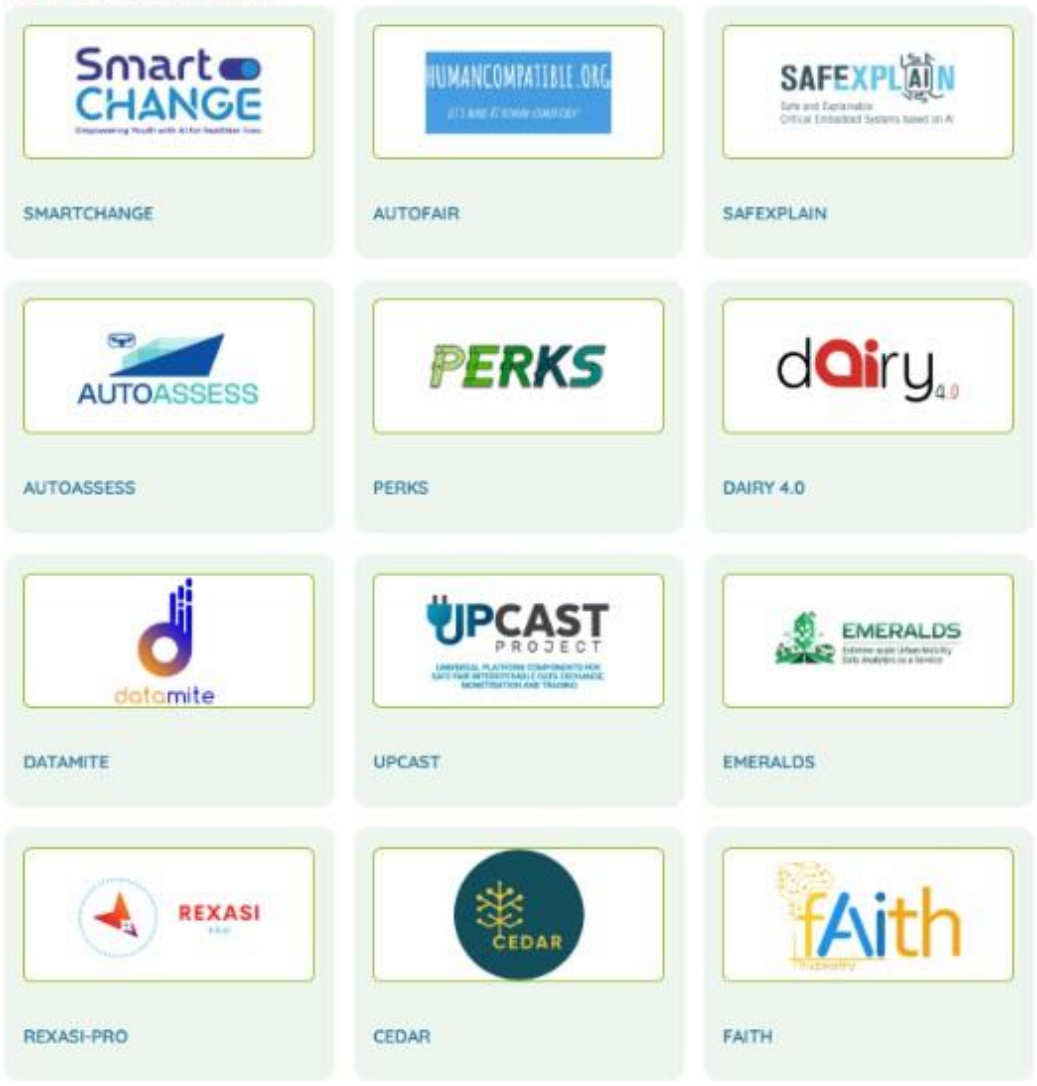
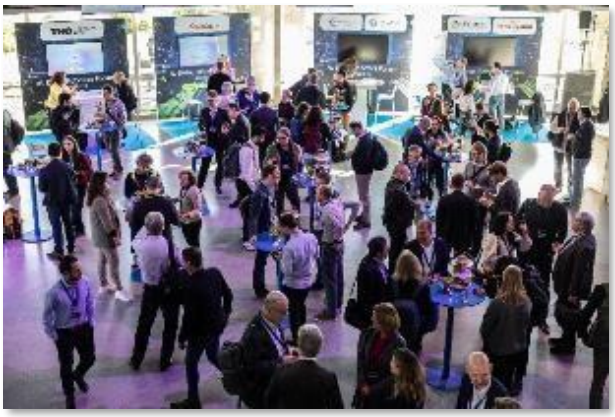


27 ADRF Exhibition



9. References

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[2] Adra-e Consortium, *Exhibition & Foresight Panel Report 1,* 2023.

[3] Confiva, *Confiva Website: https://confiva.com/.*

[4] Adra-e Consortium, *D4.1. Summit Report 1,* 2025.

[5] Adra-e Consortium, *D1.2 - ADR Forum Report 2,* 2025.

[6] Adra-e Consortium, *D4.2 Summit Report 2,* 2025.

[7] Adra, *ADRF24 Website.*