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EU.FFICIENT CEF Launch event

Join EU.FFICIENT communities: Connect, Learn & Co-Create

Funded by the European Union

This project has received funding from the European Union's Horizon Europe Programme under grant agreement No 101135297

Agenda

- **13.00** - Introduction to EU.FFICIENT – Communities of Expert Facilitators [CEFs] (KU Leuven)
- **13.10** - Presentation of the four Communities of Expert Facilitators:
  - Advanced Manufacturing (Flanders Make)
  - HealthTech (CIT UPC)
  - Mobility (KIT)
  - AI/Digital (University of Maribor)
- **13:30** - Platform demonstration session (Innoget)
- **13:50** - Q&A and closing

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Introduction

Dionysios Panagiotopoulos – KU Leuven

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About EU.FFICIENT

Who we are:

About EU.FFICIENT

Our objective:

EU.FFICIENT aims at **enhancing collaborative processes** across Europe through the establishment of **Communities of Expert Facilitators (CEFs)**

What are CEFs?

- Platforms for industry experts, academics, public sector representatives, and society members to **come together, share knowledge, and co-create solutions**.

Are you an Expert Facilitator?

Are you a **Technology Transfer Officer, Business Developer, Research Manager, Group Leader,** or any other professional bridging the gap between research and industrial application?

➢Then most likely you are an **Expert Facilitator** and can benefit from the EU.FFICIENT community!

Are you an Expert Facilitator?

Expert Facilitators play a crucial role in fostering cooperation and innovation, as they

- tackle **complex technical fields**, model essential **skill sets**, and ensure projects achieve **tangible results**
- **connect** diverse entities, i.e. industry, academia, research organizations, and public bodies
- create a **culture of innovation** by delivering high-impact solutions.

How to benefit from EU.fficient?

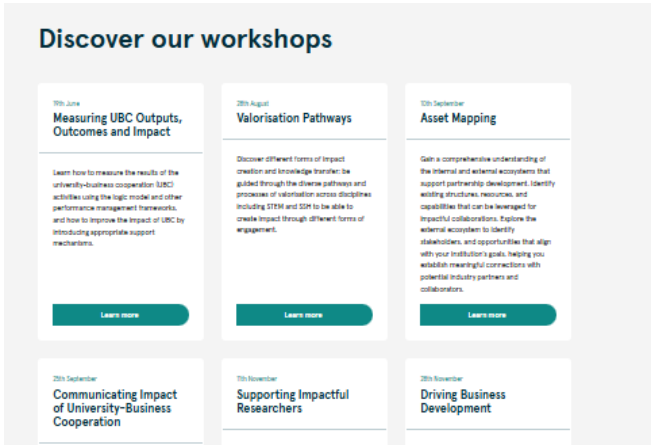
We create, pilot and validate **Communities of Expert Facilitators** to improve **co-creation processes**.

Members of communities gain access to:

- personalised training,
- networking and
- hands-on learning.

Training programme

- Use our skills assessment tool and find relevant workshops for you
- Programme empowers Expert Facilitators with essential skills to drive impactful collaborations



Communities of Expert Facilitators (CEFs)

Advanced Manufacturing

HealthTech

Mobility

AI/Digital

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Advanced Manufacturing

Christophe Bruynseraede
– Flanders Make

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Advanced Manufacturing

- Uses **innovative technologies** → improve products or processes
- Integrates **cutting-edge tools**, **automation** and **data analytics**
  → enhance productivity, flexibility and sustainability

Digital Twins

Additive Manufacturing (3D Printing)

Advanced Materials

Industrial Internet of Things

Automation & Robotics

Cyber-Physical Systems

Artificial Intelligence & Machine Learning

- **Expert facilitators** : project managers – innovation managers – business developers – tech transfer professionals - ...

Advanced Manufacturing

Long-term trends / challenges

Smart, interconnected products & production systems

Agile, resilient, people-centric manufacturing organisations

Customised products at the price of serial production

Sustainable products and production systems

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Health Tech

Radivoj Malić – CIT UPC

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Health Tech

HealthTech - **integration of technology and healthcare** to create solutions that improve patient outcomes, while reducing healthcare cost. The way healthcare is delivered is being transformed by advanced technologies and its applications, such as:

- AI/ML
- Robotics & Automation
- Internet of Medical Things (IoMT)
- Big data analytics, etc

Enabling:

- Remote patient monitoring
- Real-time diagnostics, preventive care
- Enhanced medical training
- Mental health support, etc.

Roles of Expert Facilitators: Project Managers and Innovation Managers in R&D; Business Developers, Clinical Innovation Coordinators; TechTransfer officers, etc.,

They typically belong to institutions such as Universities, Research Centers, Research Foundations, Hospitals, HealthTech Clusters and Associations, etc.

Health Tech

Pressing Challenges in HealthTech

- Patient Safety and Ethics
- Digital Health Literacy
- Cybersecurity & Data Protection, Regulatory Complexity
- AI/ML Limitations & Bias
- Human-Technology Interaction
- Technology acceptance

Trends:

- AI-Powered Diagnostics and Clinical Assistance
- Advancements in Wearable Health Technology
- Robotics & Automation
- Telehealth and Remote Patient Monitoring
- AI for predicting possible future pandemics / epidemics

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Mobility

Annika Bastian – KIT

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Mobility

"The ability to move or be moved freely and easily" - Oxford Dictionary

Therefore, any mean of mobility and its surrounding systems can be discussed within this CEF

From Bicycle, to E-Scooter, Car, Truck, Train – you name it

Enabling: Design and discuss the mobility of the future, the needs and pains of society concerning mobility, as well as specific technologies in the field of mobility

Mobility

Challenges around Mobility

- Technological complexity (e.g. digitalisation of mobility needs)
- Regulatory Compliance (e.g. connectivity across borders)
- Infrastructure Development (e.g. connection country to city)
- Consumer Acceptance (e.g. hydrogen powered vehicles)
- Sustainability (e.g. the future of electric mobility)

Trends:

- Net zero emission
- Physical and digital mobility infrastructure
- Combining rising mobility needs without compromising living quality in cities
- Micro-Sharing and Flex Commuting

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AI/Digital

Tanja Botić,
Milan Zorman – UM

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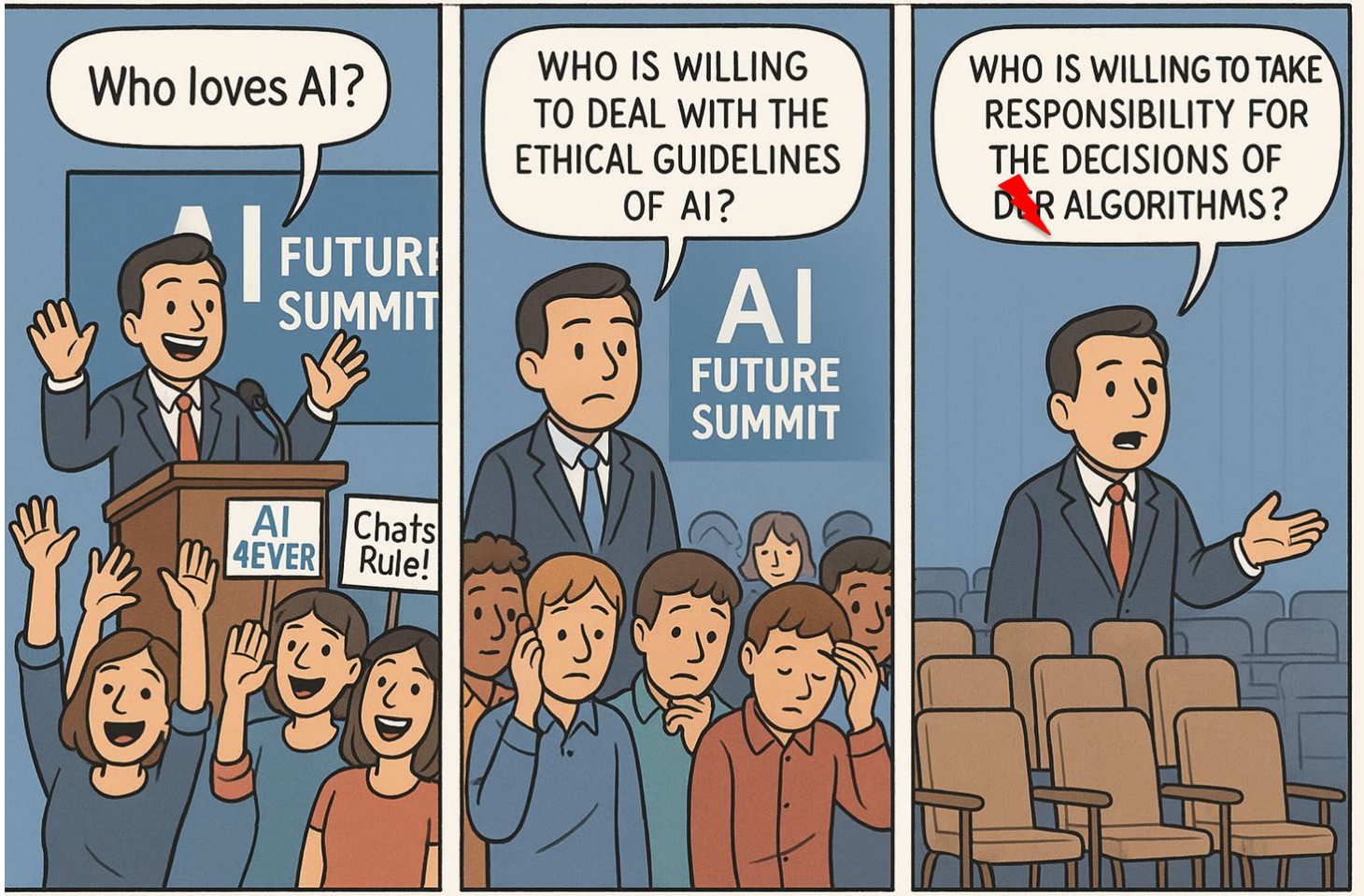
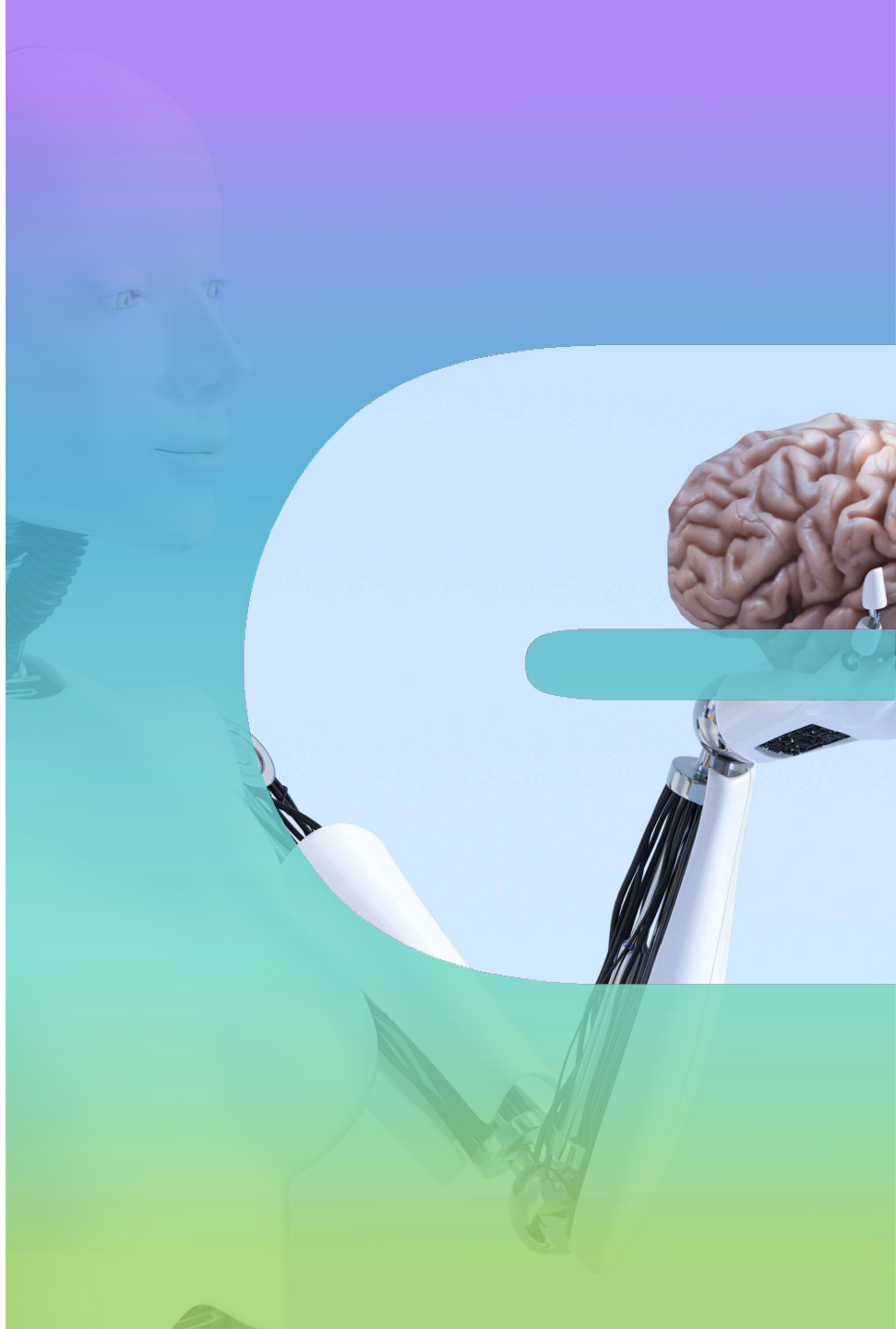
AI/Digital



ChatGPT image



AI/Digital

Key Competencies for EU Facilitators:

- Digital literacy aligned with **EU Digital Edu. Action Plan** ---> **Digital literacy & AI tool proficiency**
- Understanding of AI as per **EU AI Act** principles ---> **Critical thinking on data & automation**
- Ethical, responsible and sustainable use of AI ---> **Ethics in decision-making with AI**
- Skills for inclusive and human-centric AI facilitation ---> **Adaptive learning mindset**

What AI topics do you feel least confident about? (live poll)

AI/Digital

EU-Relevant Training Priorities:

- **Trustworthy & Explainable AI (XAI)**
- **Bias detection and algorithmic fairness**
- **Data governance, privacy & GDPR compliance**
- **Sector-specific AI use-cases (health, education, public services, private organizations)**

For Organizations:

- Build cross-functional AI understanding
- Ensure inclusive access to AI tools
- **Promote transparent and accountable AI use**
- Align AI use with EU Digital Decade goals
- **Encourage participation in AI regulatory sandboxes**

What AI topics do you feel least confident about? (live poll)

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Platform Demonstration

Elene Bokeria
– Innoget

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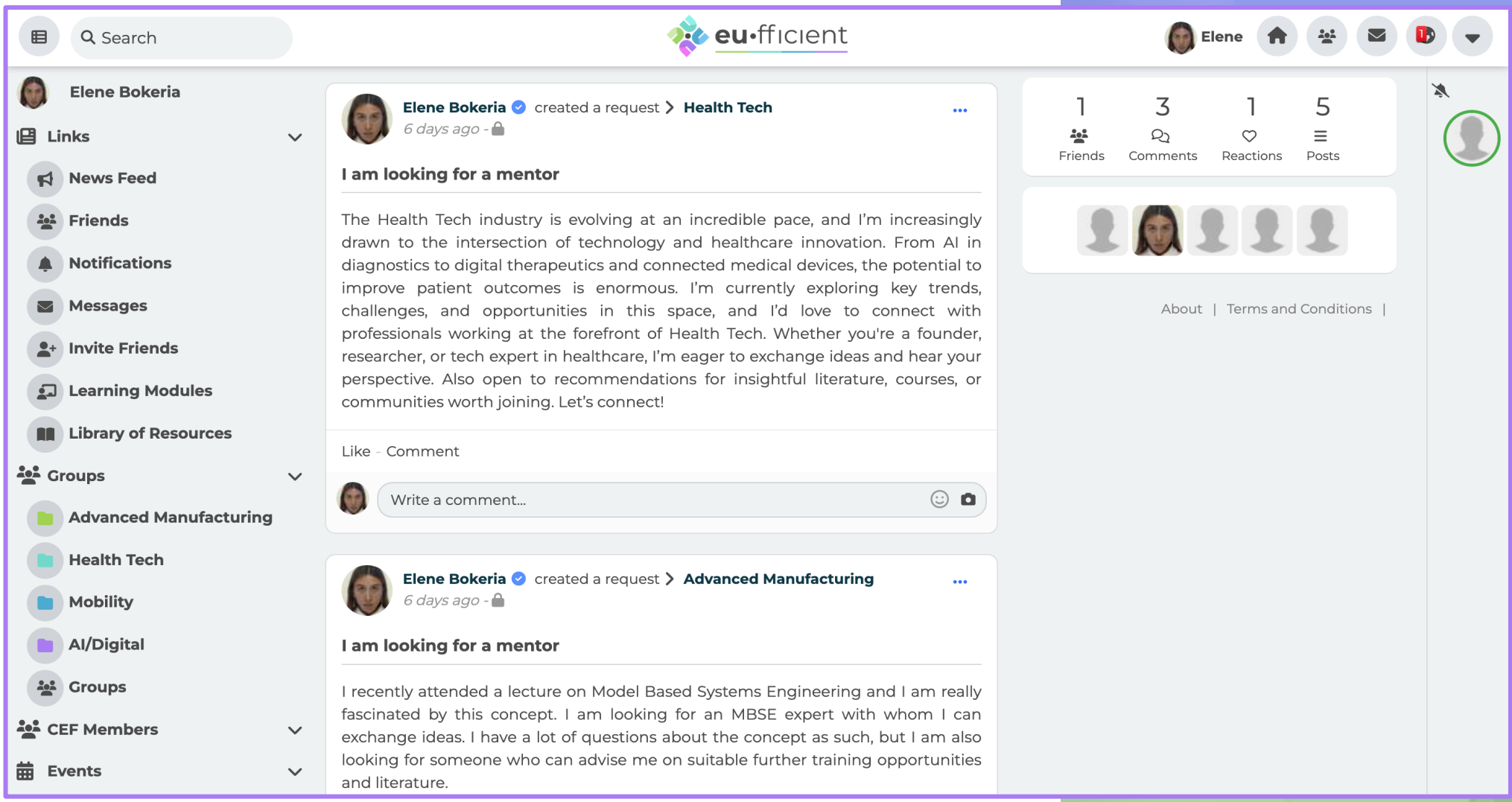
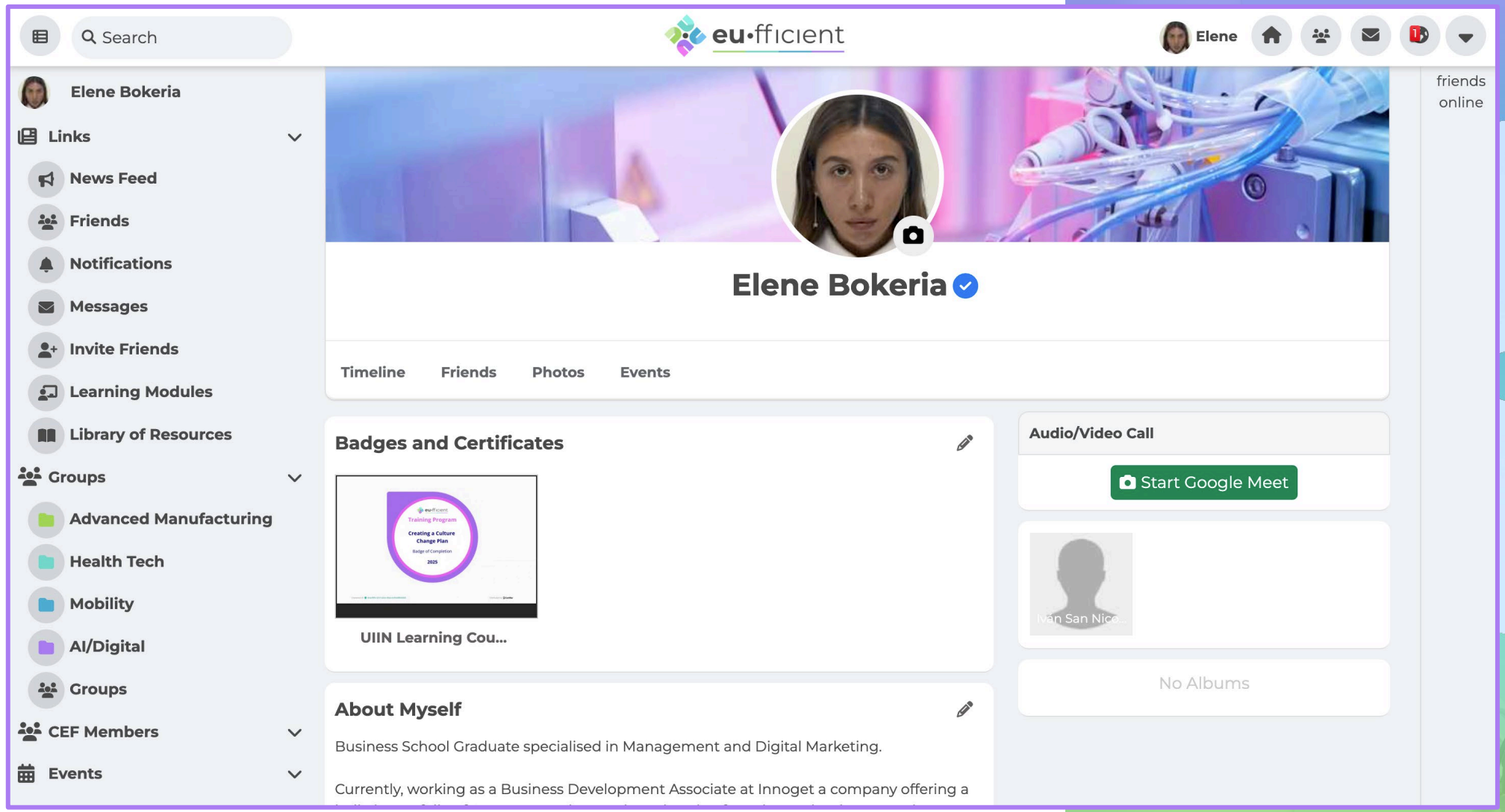
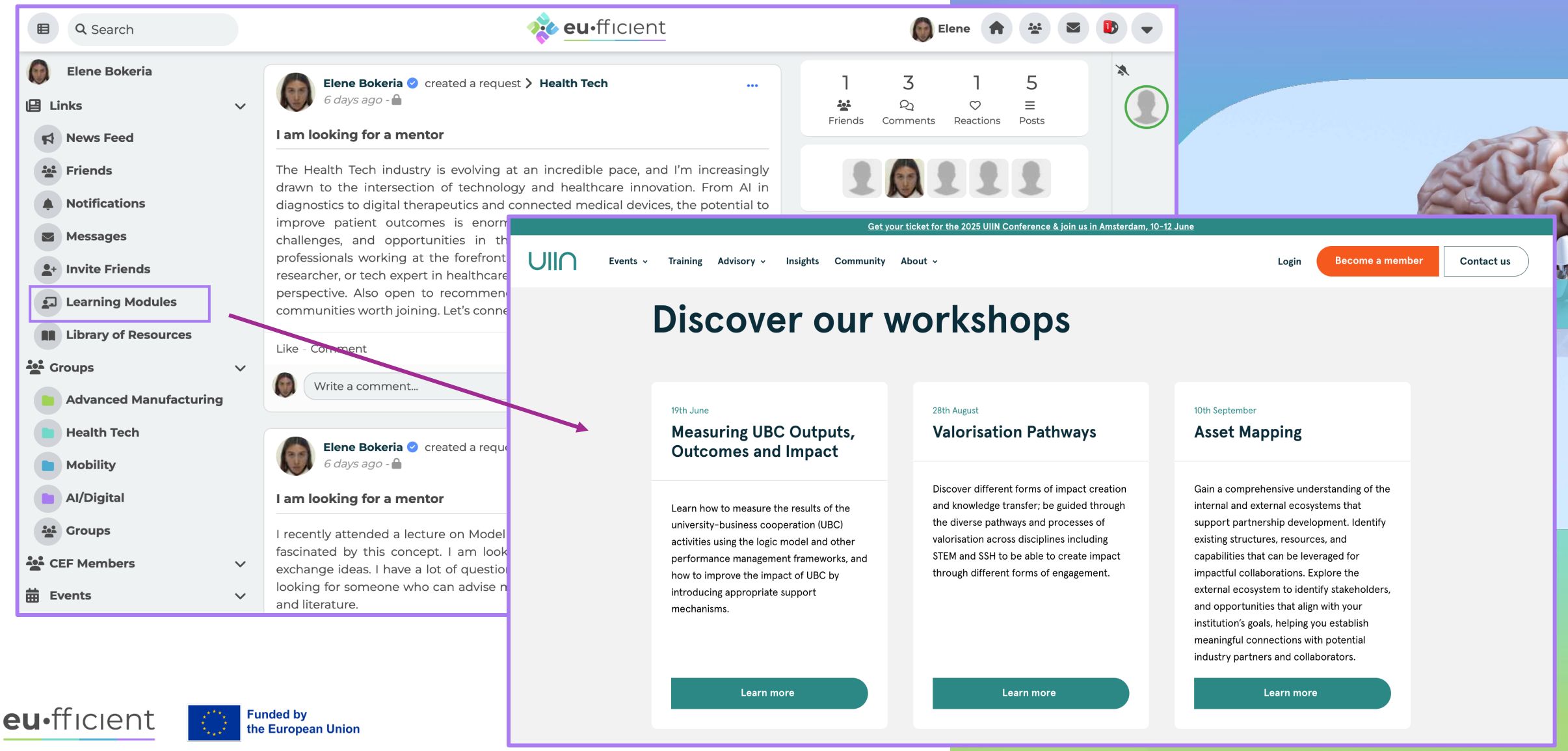
Platform demonstration



Profile Section



Learning Module



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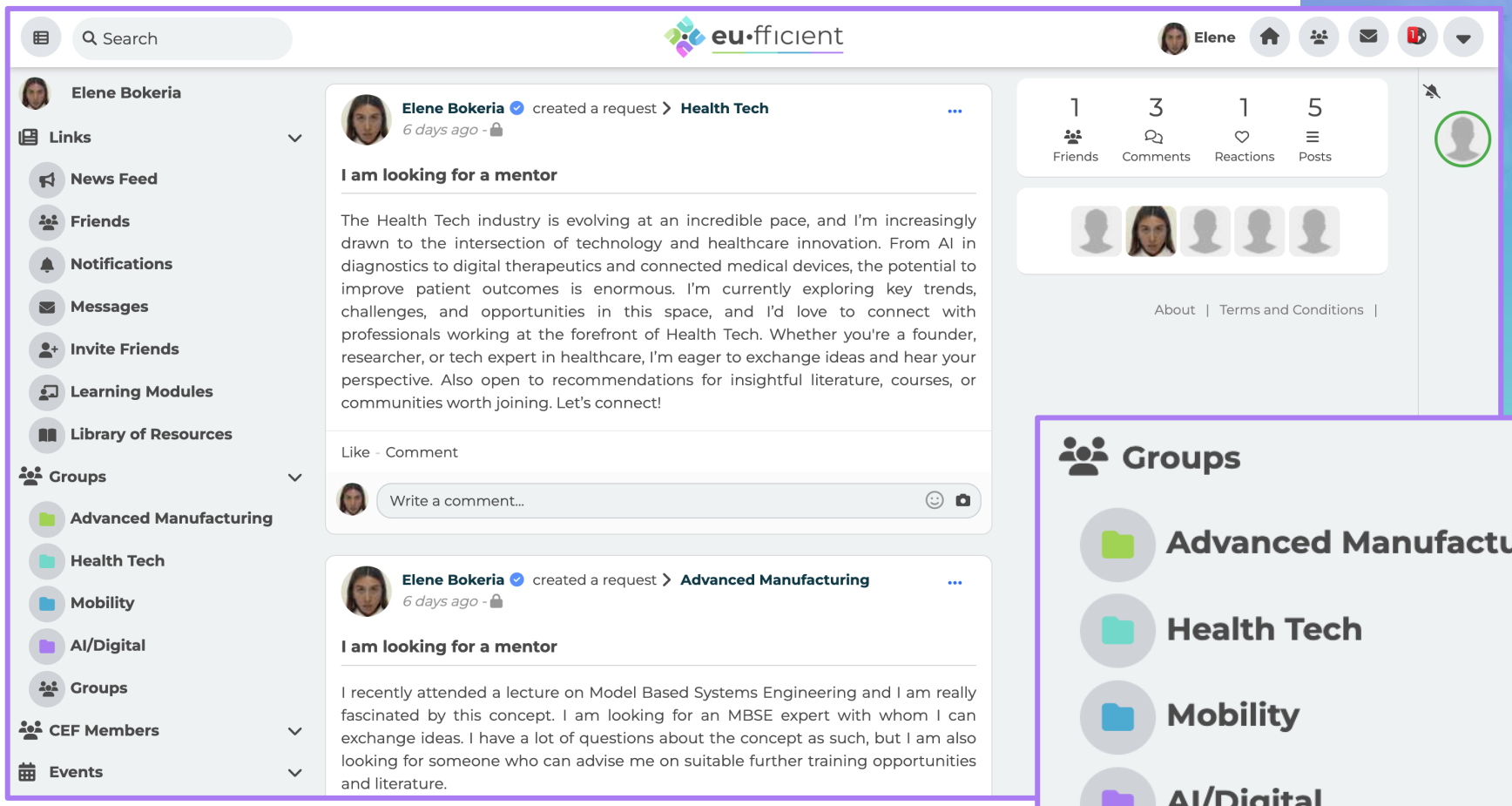
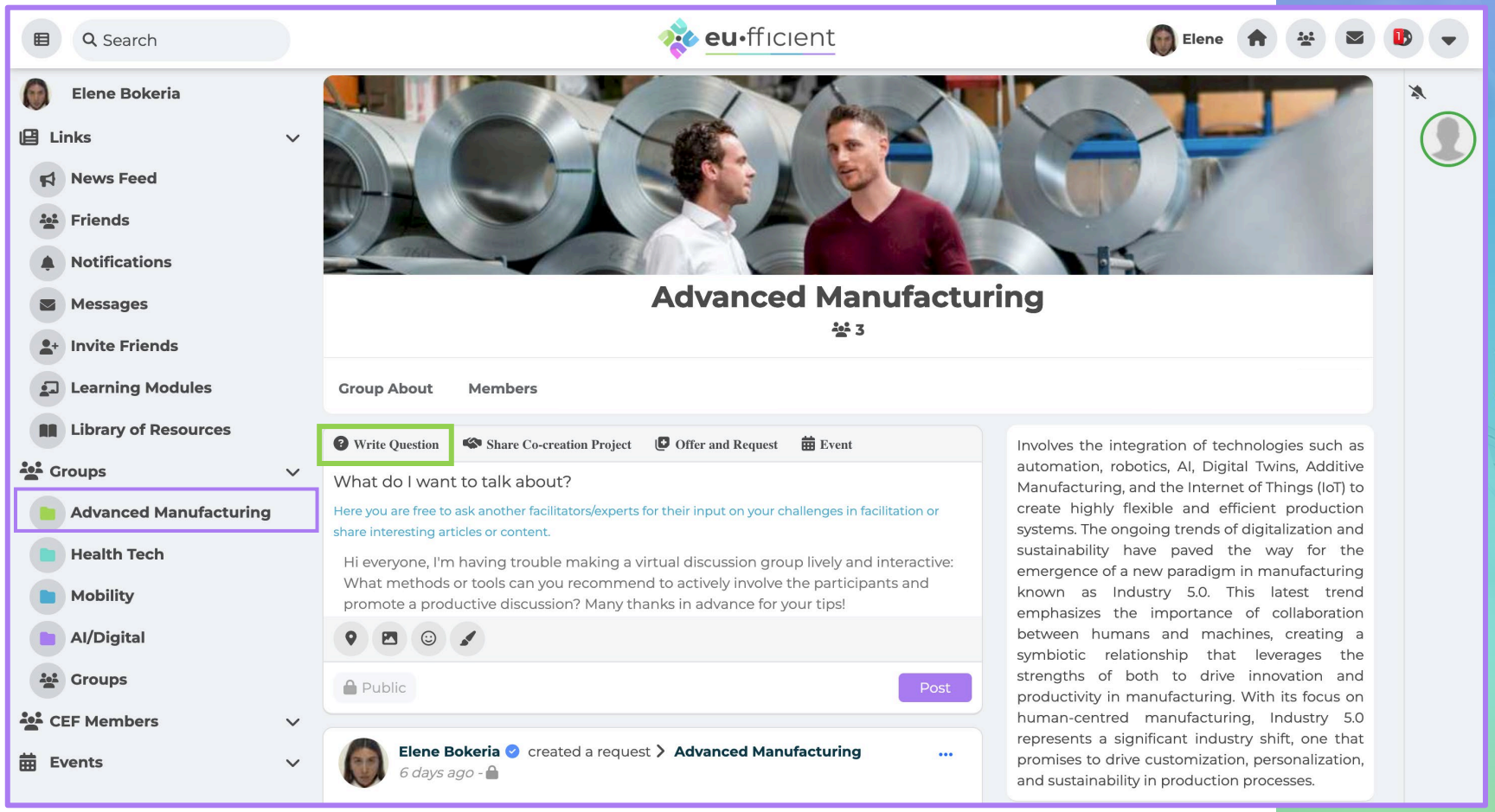
Platform home feed



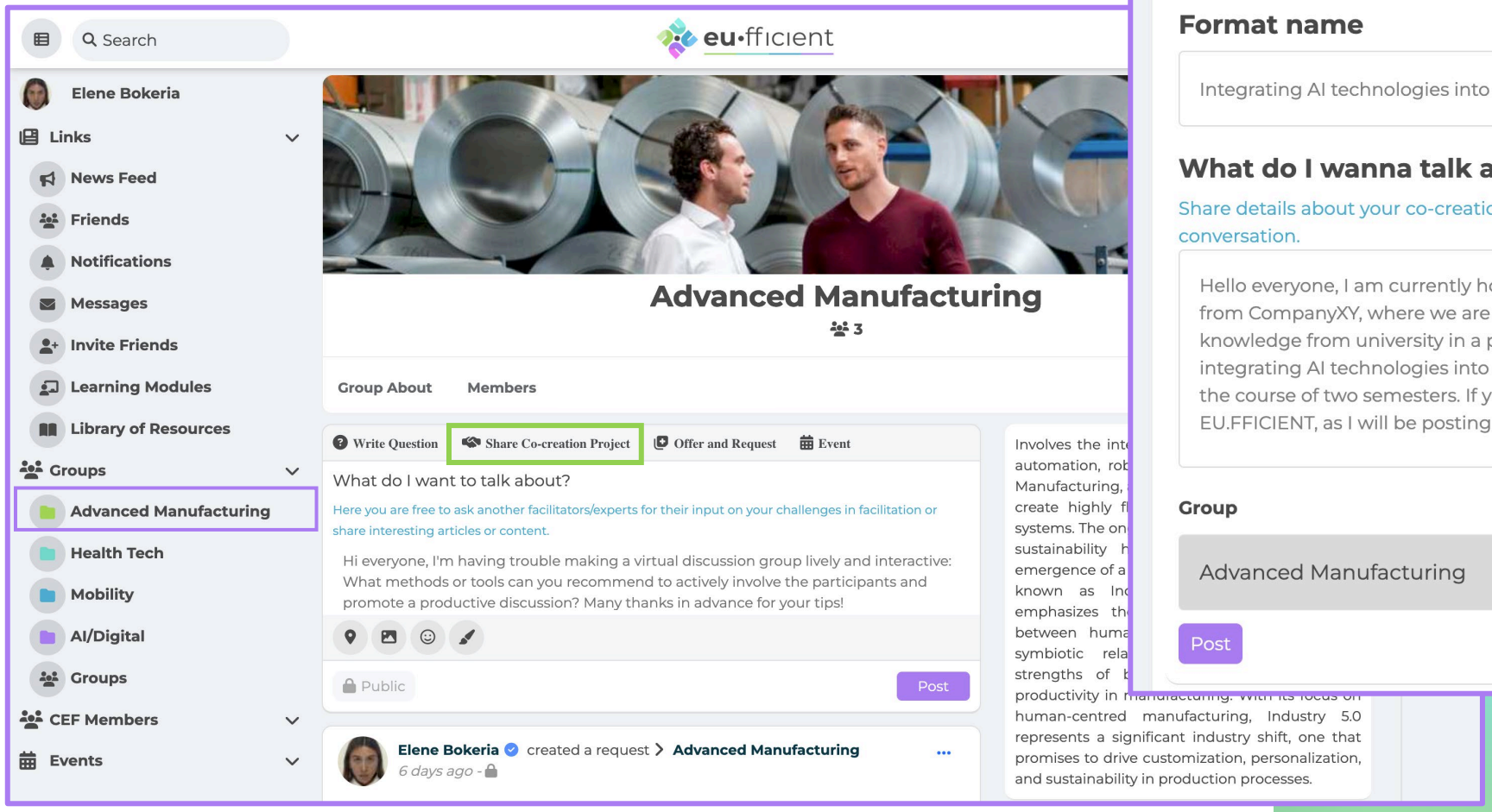
CEF: Advanced Manufacturing

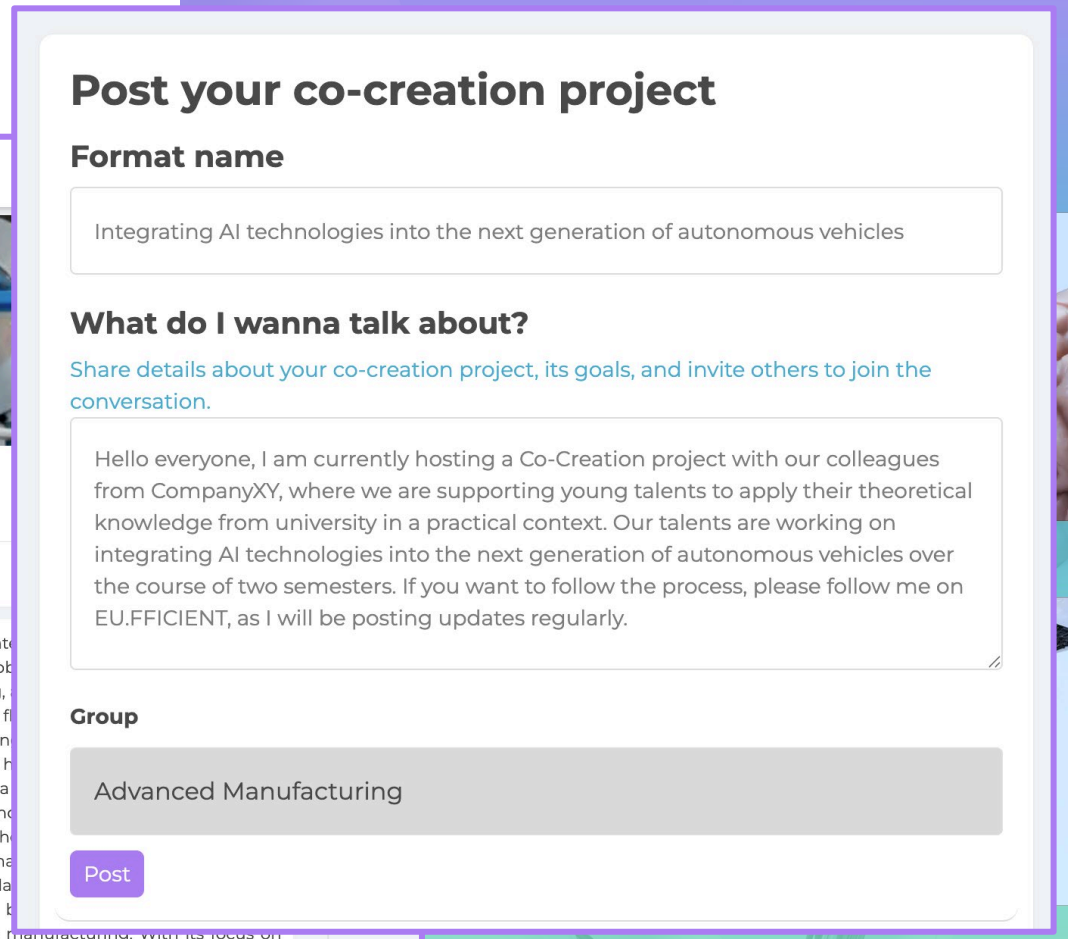
I. Question



CEF: Advanced Manufacturing

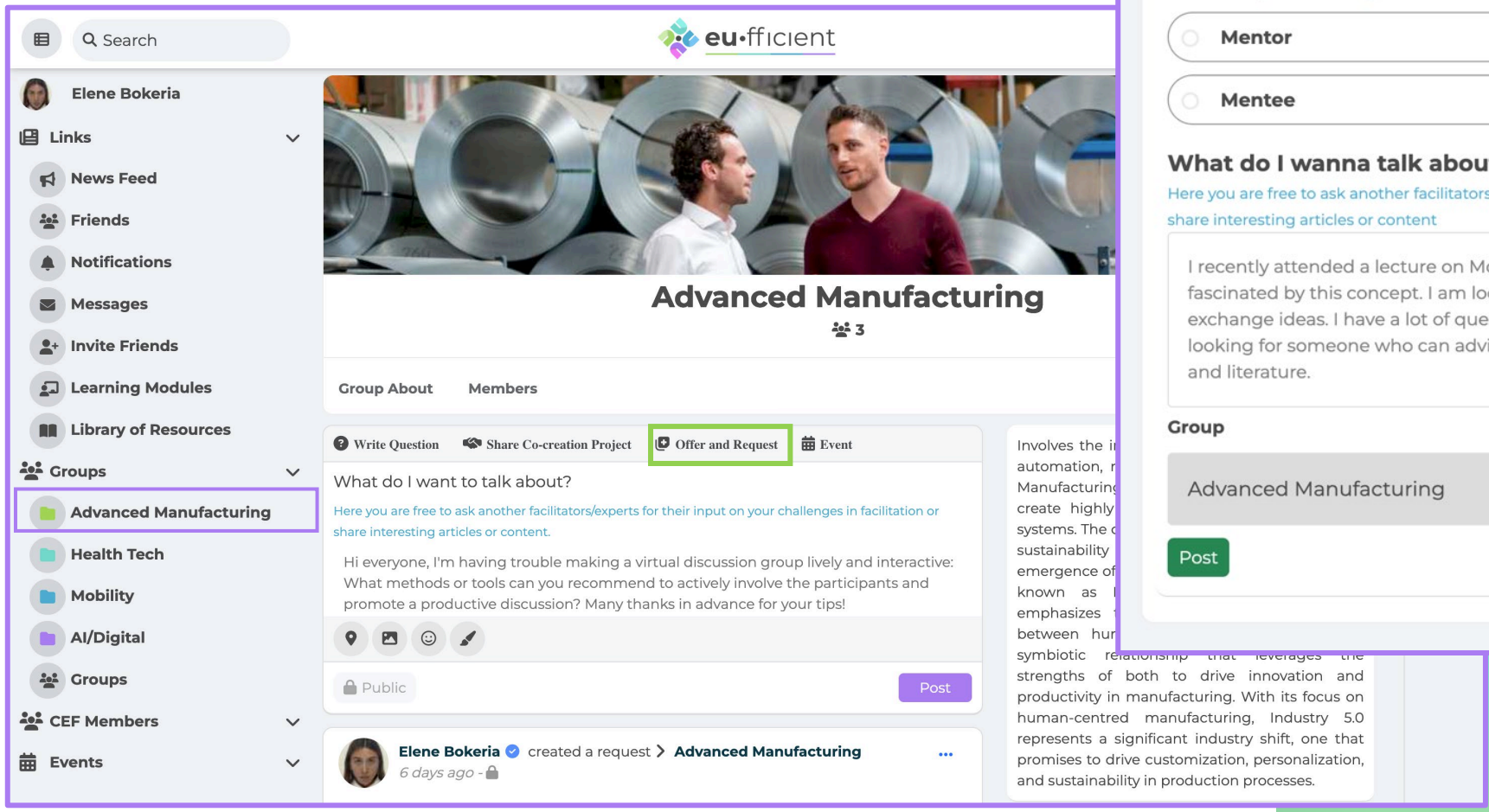
II. Co-creation Project

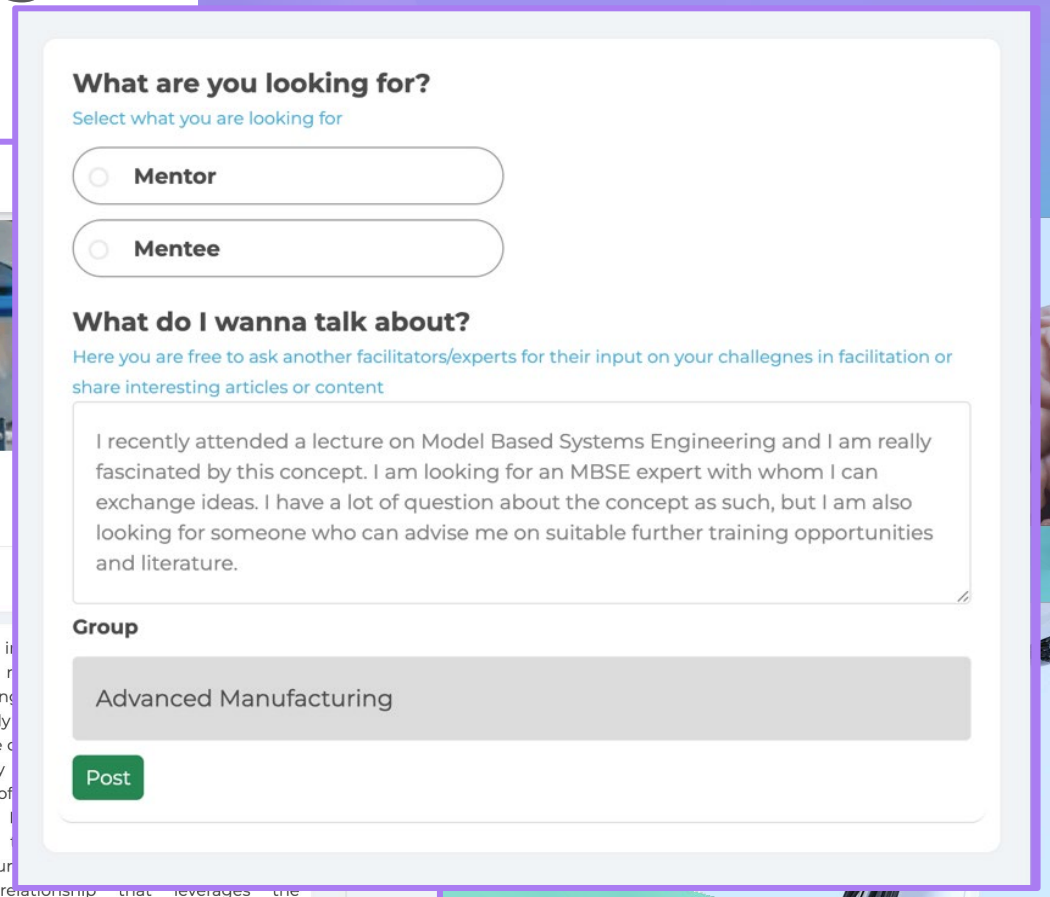




CEF: Advanced Manufacturing

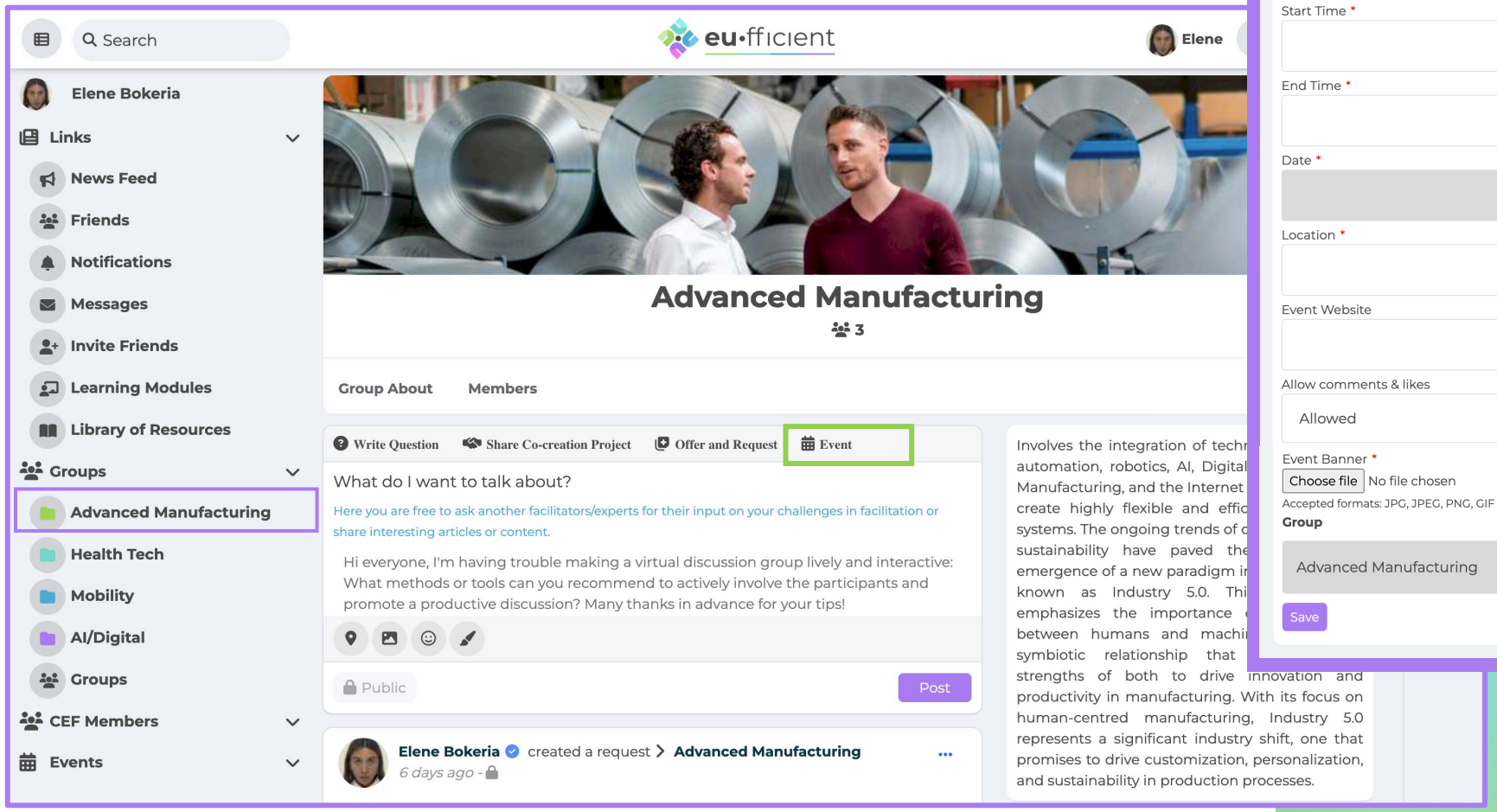
II. Offer and Request

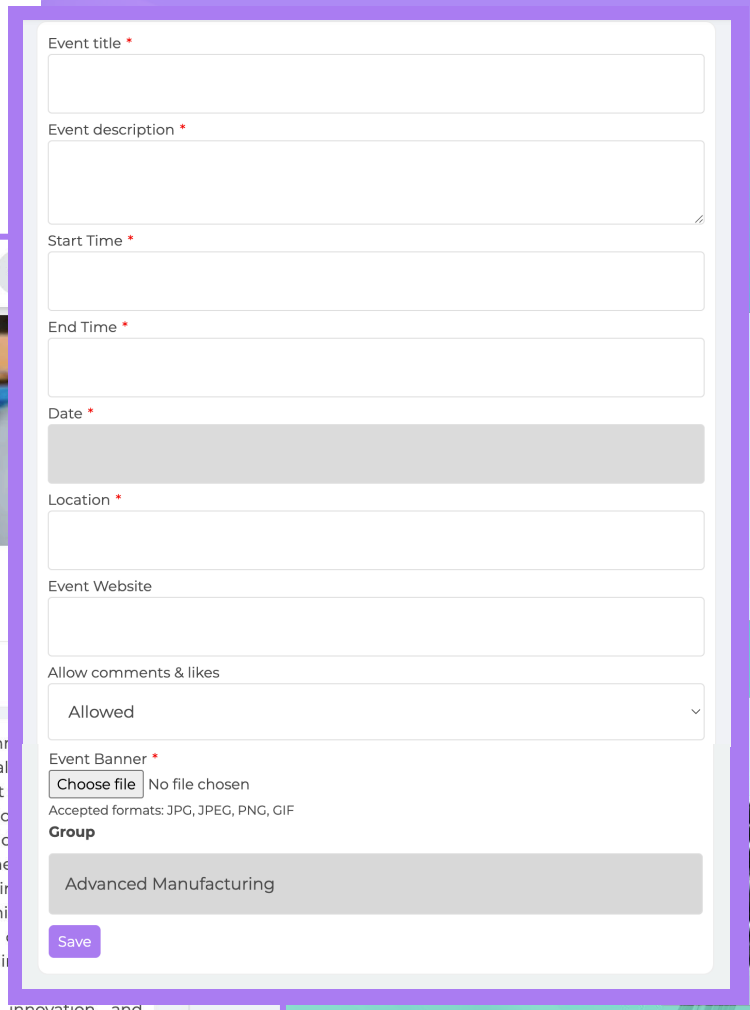




CEF: Advanced Manufacturing

IV. Events





Join us!

Pre-registration available below

Sign Up to eu·fficient

Quick challenge-driven, human-centred co-creation mechanism for industry-academia collaborations

First Name | Last Name

Email

Username

Password

Confirm Password

Pronouns

CEF Selection

- (•) Advanced Manufacturing
- ( ) HealthTech
- ( ) Mobility
- ( ) AI/Digital

Domain of Knowledge

Job Title

Company

Industry Area

Years of Experience

Country of residency

[ ] I accept all the **Privacy Policy and Terms and Conditions**

[ ] I confirm that all the data is correct and that I can provide written proof, if required from EU.FFICIENT partners, European Health and Digital Executive Agency (HADE), European Comission, European Anti-Fraud Office (OLAF), Court of Auditors (ECA) or other competent EU institutions.

Create an Account

https://eufficient.innogetcloud.com/ossn/

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Q&A session

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- Project Website: https://eufficient.eu

- Platform registration

- Newsletter

- LinkedIn page