

Theme Development Workshop on Sustainability & AI

Theme Development Workshops (TDWs)

7 March, 2025

Bucharest, Romania

www.elias-ai.eu



Funded by
the European Union

TDW on Sustainability & AI

Agenda

09:00 – 09:10 | Welcome & Introductions

- Opening remarks
- Introduction to the workshop's theme: AI and Sustainability
- Overview of the sessions and objectives

Nicu Sebe (UNITN), Filareti Tsalakanidou (CERTH)

09:10 – 09:30 | Session 1: Regulatory and Ethical Aspects

Keynote:

- Marko Milosavljevic (University of Ljubljana, Slovenia)

Q&A and Discussion: 5 mins

09:30 – 10:10 | Session 2: AI for a Sustainable Planet

Keynotes:

- Saso Dzeroski (Jozef Stefan Institute, Slovenia)
- Marius Leordeanu (National University of Science and Technology POLITEHNICA Bucharest, Romania)

Q&A and Discussion: 10 mins

10:10 – 10:50 | Session 3: AI for a Sustainable Society

Keynotes:

- Nicolò Cesa-Bianchi (University of Milan, Italy)
- Ioana Manolescu (INRIA, France)

Q&A and Discussion: 10 mins

10:50 – 11:10 | Break

11:10 – 11:30 | Session 4: Trustworthy AI for Individuals

Keynotes:

- Lorenzo Baraldi (University of Modena and Reggio Emilia, Italy)
- Nicu Sebe (University of Trento, Italy)

Q&A and Discussion: 10 mins

11:30 – 11:50 | Session 5: Fostering the Next Generation of AI Talents

Keynote:

- Charlotte Delage (Institute Polytechnique of Paris, France)

Q&A and Discussion: 5 mins

11:50 – 12:30 | Session 6: Entrepreneurship and Tech Transfer

Keynotes:

- Nina Peters (University of Tübingen, Germany)
- Isabelle Siegrist (ETH Zurich, Switzerland)

Q&A and Discussion: 10 mins

12:30 – 12:45 | Conclusion & Wrap-up

- Summary of key takeaways
- Final remarks and next steps

Nicu Sebe (UNITN), Filareti Tsalakanidou (CERTH)

Session 5

Entrepreneurship & Tech Transfer

Presenters:

- Nina Peters (Tübingen AI Center)
- Isabelle Siegrist (ETH Zurich)

Theme Development Workshop on Sustainability & AI

Theme Development Workshops (TDWs)

7 March, 2025
Bucharest, Romania (Hybrid event)

www.elias-ai.eu

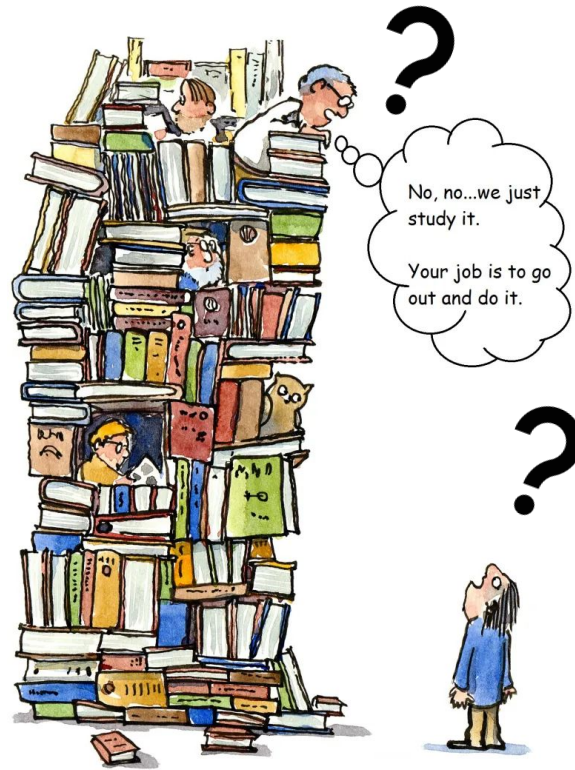


**European Lighthouse of AI
for Sustainability**

ELIAS Alliance

European Leadership in Innovation with AI & Science





"Knowledge is of no value unless you put it into practice."

Anton Chekhov



ELIAS Alliance

A pan-European Network

Attract and connect talent between academia and industry

Fostering AI entrepreneurship



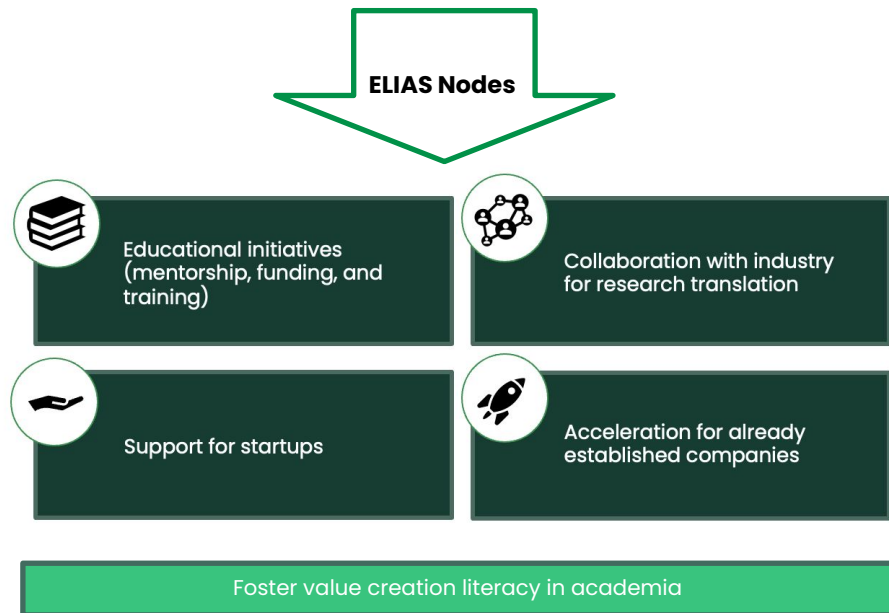


ELIAS Alliance

A pan-European Network

Attract and connect talent between academia and industry

Fostering AI entrepreneurship





**ELIAS
Nodes**

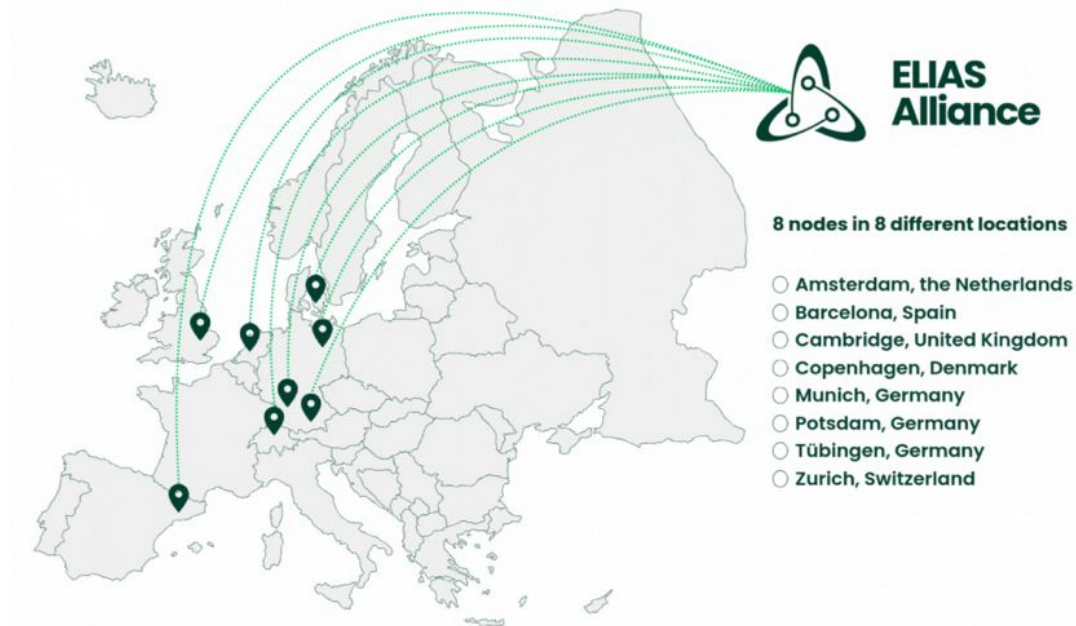
Inspiring a new generation of AI & Science value creators





ELIAS Nodes

Inspiring a new generation of AI & Science value creators





ELIAS Alliance

European Leadership in Innovation with AI and Science

ELIAS Node Tübingen

#EuropeanSciencepreneurship



Wieland Brendel

Co-head of ELIAS
Node Tübingen

Tübingen, Germany



*A leading hub driving
sustainable development
through AI innovation and
value creation literacy*

#EuropeanSciencepreneurship



ELIAS Alliance

European Leadership in Innovation with AI and Science

ELIAS Node Cambridge

#EuropeanSciencepreneurship



Jessica
Montgomery

Co-head of ELIAS
Node Cambridge

Cambridge, United Kindgdom



*AI sciencepreneur hub for
innovation and collaborative
research*

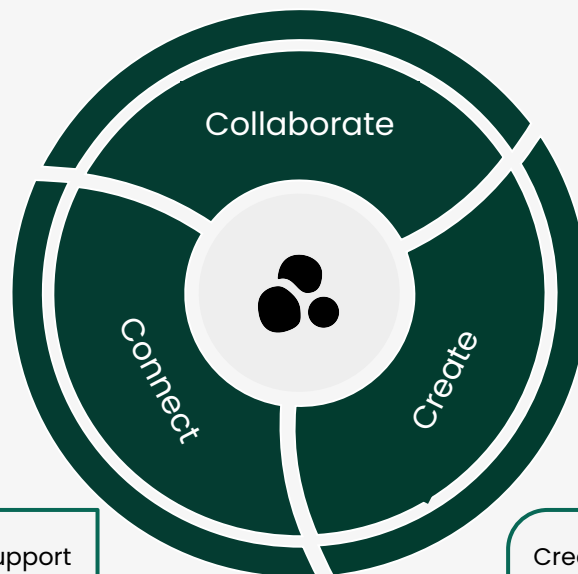
#EuropeanSciencepreneurship



ELIAS Node Cambridge

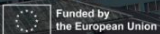
Vision for our ELIAS
Node

Convene Cambridge's AI for science community through Innovation Challenges that identify a real-world problem and bring together collaborators to develop innovative solutions.



Help sciencepreneurs access support for commercialisation and social entrepreneurship in the Cambridge ecosystem through meet-ups, networking, and access to research infrastructure.

Create opportunities for training and mentorship, through entrepreneurship bootcamps, hands-on training in Large Language Models, and a new curriculum on ethical AI entrepreneurship.



ELIAS Alliance

European Leadership in Innovation with AI and Science

ELIAS Node Copenhagen

#EuropeanSciencepreneurship



Tine Nørgaard
Aage

Coordinator of ELIAS
Node Copenhagen



www.elias-ai.eu

Copenhagen, Denmark



*A key hub driving AI innovation,
focused on computer science,
LLMs, and foundation models.*

#EuropeanSciencepreneurship



ELIAS Node Copenhagen

**All in Science Conf.
3.-4. Nov. 2025**



The Event Sign up

Calling All Young Researchers in AI and Data Science with
an Interest in Entrepreneurship!

Sign Up



ACADEMIC DIGITAL ENTREPRENEURSHIP GUIDE

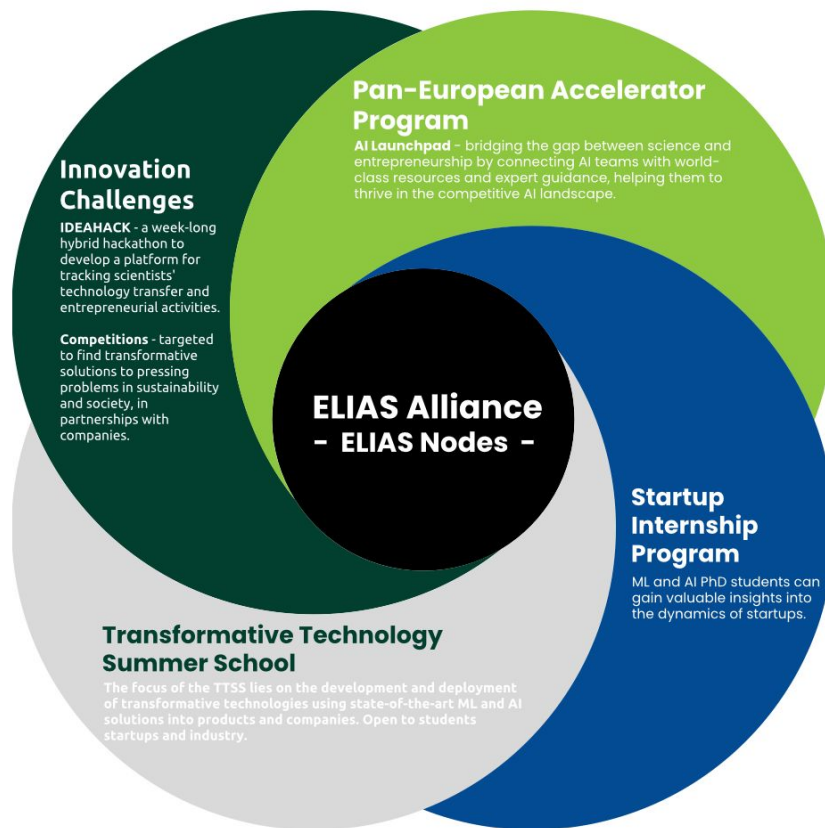
How can we stimulate and support academic digital entrepreneurship? A guide for academic researchers and their universities.

- [Academi Digital Entrepreneur Guide](#)
- [YREB PhD - Summer School](#)



ELIAS Alliance

Initiatives





**European Lighthouse of AI
for Sustainability**

Science to Market

Best Practice and how the AI Launchpad can help





Map your region!





What to focus on in your institution with an AI Center?



Interdisciplinary Research

We host a world-class fellowship program for PhD and Postdocs, building bridges between multiple fields



Flagship AI Events and Initiatives

We host summits, research talks and networking events for the ever-growing AI Community in Switzerland



Industry Collaborations

We connect Industry partners, facilitating collaboration between them and ETH Zurich as well as networking them amongst themselves



Entrepreneurship and Startup Acceleration

We accelerate and connect Zurich's next generation of AI Startups



How to get research to market?



Dandelion Award

Recognizing entrepreneurial professors

Sciencepreneurship

A 1-week summer school to validate entrepreneurial ideas from students

AI LAUNCHPAD

Pan-european AI accelerator program

IDEA

VALIDATE

LAUNCH

SCALE



University Courses

Courses for MSc/PhD students to learn about entrepreneurship



EIR Program

A 6-month long entrepreneur in residence program to support our fellows

TALENT KICK

Build a team and get an idea market ready with the Talent Kick Program



Start-up Affiliation

Getting access to experts, investors, and students



AI Launchpad: Scale startups in EU

A pan-european AI start-up accelerator program

- 12 week accelerator program at one of 6 european hubs, followed by
- 2 weeks market entry camp at another hub

Are you eligible?



Teams of 2-4 entrepreneurial students/researchers.



Completing higher education at a European University.



Aiming to develop AI technologies into marketable products/services.



Goal: Launch a VC-fundable start-up with European/global impact.

Are you an AI innovator and ready to kick-start your idea?

Be part of the first pan-european AI accelerator

APPLICATION NOW OPEN

DEADLINE: AUGUST 21, 2024

AI LAUNCHPAD

WWW.AI-LAUNCHPAD.EU



AI Launchpad: Scale startups in EU



CAMPUS FOUNDERS



ETH AI CENTER



UNTERNEHMER
TUM

INITs
Vienna's High-Tech Incubator



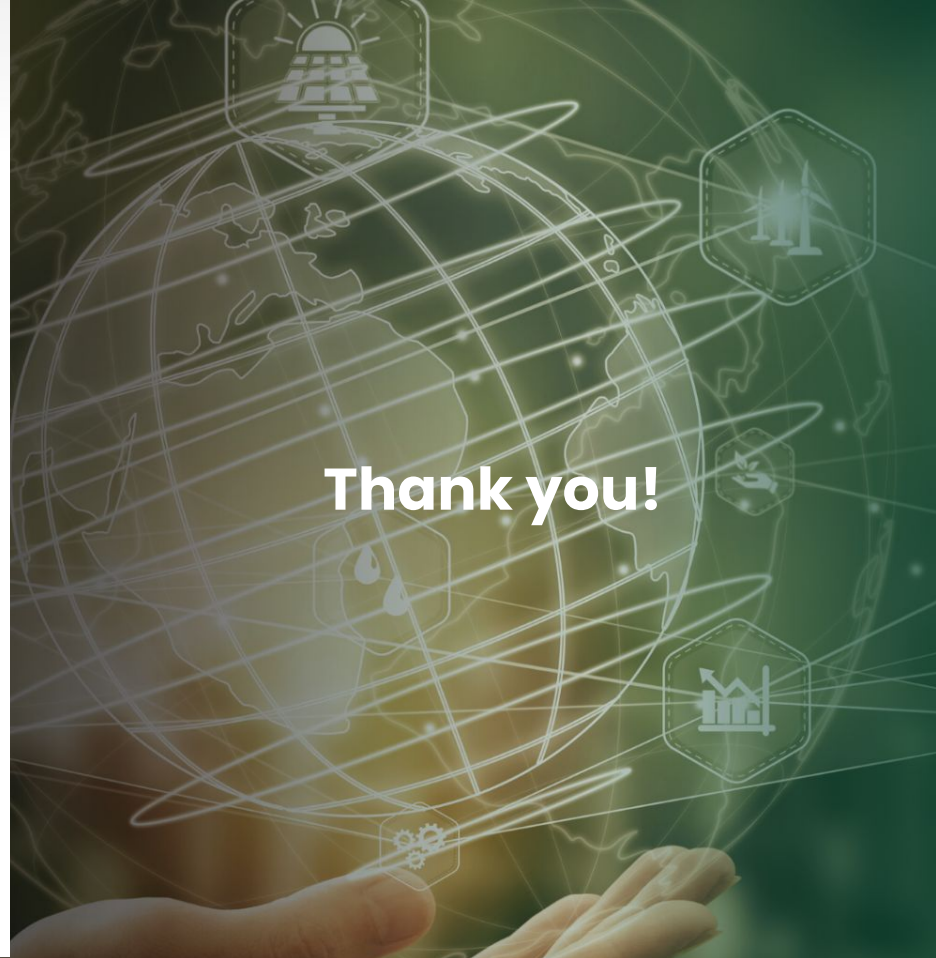
Isabelle Siegrist

Coordinator of ELIAS
Node Zurich



Nina Peters

Coordinator of ELIAS
Node Tübingen



Thank you!



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 ELIAS - European Lighthouse of AI for Sustainability

 @elias_project

 www.elias-ai.eu

 elias-coordination@unitn.it



***Pioneering Europe's AI Leadership
for Sustainable Innovation and
Economic Growth!***



Funded by
the European Union



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ELIAS Nodes

Appendix

Most important aspects

Physical visibility

(location+co-branding)

Integration in academic curricula

(credit points count
towards degrees)

AI foundation models as interface between science & entrepreneurship

(ideally participating in
building open source
foundation models)

Partnering with a business school

Collaborations with (a) Startups and (b) industry

ELIAS Members

**Clear engagement and ownership
For building the alliance**