

## Call for Speakers | Call for Contributions



International Production Environmental Community

Shaping the Future: AI-Driven Innovations for Sustainable Industry in Europe

**Deadline: 1<sup>st</sup> of December 2024**

For the 10th time, we are hosting an international conference on **AI-Driven Innovations for Sustainable Industry** with a focus on advancing the UN Sustainable Development Goals (SDGs), such as **industry, innovation & infrastructure, responsible consumption & production and climate action**.

The upcoming event, **Shaping the Future: AI-Driven Innovations for Sustainable Industry in Europe**, will take place on the **18th of March 2025 with a matchmaking opportunity till the 28<sup>th</sup> of March 2025** in an **online format**.

The event aims to foster networking and knowledge exchange between companies from Bavaria, international organizations, start-ups, and research institutions. We are calling for experts to contribute by addressing topics that align with the event's theme.

We will focus on the following **seven key topics**:

**AI for Sustainable Industry Transformation**

Explore the role of AI in driving innovation and sustainability in key industrial sectors, from manufacturing to energy, fostering long-term resilience and efficiency.

**Next-Gen Industry Ecosystems**

Discuss how AI technologies are shaping the next generation of sustainable industry ecosystems, focusing on digital transformation, interconnectivity, and data-driven decision-making.

**AI-Driven Circular Economy Solutions**

Examine how AI can optimize circular economy practices, including resource efficiency, waste reduction, recycling, creation of durable and repairable products, supporting industries in reducing their environmental footprint.

**Sustainable Supply Chain Innovation**

Delve into AI-powered strategies for enhancing supply chain transparency, traceability, and sustainability, ensuring ethical sourcing and reducing the overall environmental impact.

**Reduction of Waste and Energy Consumption through AI**

AI-driven solutions to reduce waste and energy consumption in manufacturing, optimizing energy usage in real-time and reducing the carbon footprint of manufacturing processes.

## Improved Quality Control and Maintenance

AI-based analyzing of data from various sources to detect defects, predict machinery failures, and ensure optimal performance in order to get more sustainable manufacturing practices.

## Innovative Business Models for Sustainability

Investigate new business models powered by AI and digitalization that promote sustainability, such as the product-as-a-service model, sharing economies, and circularity principles (remanufacturing, refurbishing, retrofit).

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On the conference day, we plan to host **8-10 presentations** (15-20 minutes each) from speakers across different countries, focusing on various aspects of **AI and Sustainable Industry**.

All presentations must be non-commercial and focused on knowledge sharing. Additionally, there will be a **Project Pitch Session** with **6-8 short presentations** (5 minutes & 5 slides) to showcase new project ideas.

Following the conference, all registered participants will have the opportunity to arrange **bilateral meetings** via our interactive platform for up to two weeks to network, find project partners, and exchange ideas. Participants can also place offers in the **Marketplace Section** of the platform to showcase their projects, products, or services.

The conference is **free of charge** and will be held in **English**.

If you are interested in presenting, please contact us latest by **1<sup>st</sup> of December 2024**.

## Further information about last events

- [IPEC 2024](#) (314 participants from 40 countries)
- [IPEC 2023](#) (267 participants from 37 countries)

## Contact details Organizer

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## Moderation by

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