

AI4PROSA NEWSLETTER

OCTOBER 2025

www.ai4prosa.eu

THE “AI FOR PRODUCT SAFETY AND VET” EVENT PROMOTES KNOWLEDGE EXCHANGE ON AI AND VOCATIONAL TRAINING

From 3 to 5 June, the University of Alicante hosted the internal event “AI for Product Safety and VET”, a key meeting within the AI4ProSa project that brought together experts in artificial intelligence, product safety, ethics, legislation, and vocational education and training (VET).

Throughout three days of discussions and workshops, participants explored the impact of AI and emerging technologies on VET, the ethical challenges of using AI in the AI4ProSa assistant, and product safety within the new European legal framework. The event also addressed how AI is reshaping the consumer products industry, particularly for SMEs, and the challenges and opportunities it brings for competitiveness.



Highlights included:

- **“Building Advanced AI Assistants: Curation”**, by Pedro Pernías (University of Alicante), which opened the event with reflections on designing intelligent assistants.
- **“Understanding Responsible AI Applications”**, by Jean-Marc Deltorn and Elodie Migliore (CEIPI), focused on the ethical and legal use of AI.
- **“Customizing AI Educational Assistants”**, also by Pedro Pernías, explored how to adapt AI to real educational contexts.
- **“Product Safety as a Strategic Advantage”**, a practical workshop led by M.^a Cruz Arenas, Encarna Alemañ, and Alicia Ramos (AIJU), involved participants in simulated product safety decisions.
- **“How AI Is Shaping VET”**, with Alex Fraissinet, Christoph Dietl, and Martin Kolb (KBS), analysed the influence of AI on vocational training.
- **“Business Perspective of AI for Product Safety”**, by Josef Hlavac and Alena Pexidrova (SHH), presented an industry view on the opportunities and challenges of AI.

As a result of the event, the publication **“AI for Enhanced Product Safety and VET – Insights from a Multi-Sector Knowledge Exchange”** was produced, summarising the main conclusions, reflections, and lessons learned while reinforcing collaboration within the consortium. The full report is available at www.ai4prosa.eu



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AI4PROSA CONSORTIUM ADVANCES TOWARDS AI ASSISTANT VALIDATION AT ITS SECOND TRANSNATIONAL MEETING

On June 3rd 2025, in parallel with the “AI for Product Safety and VET” event at the University of Alicante, the AI4ProSa consortium held its second transnational meeting, reinforcing the project’s commitment to sustainability and international cooperation.

Throughout the session, partners reviewed the project’s technical progress, shared experiences from their national contexts, and defined the next development milestones for the AI4ProSa generative assistant, a tool designed to enhance learning in consumer product safety through interactive and adaptive training.

One of the main outcomes of the meeting was the launch of the validation phase of the assistant, which will involve real users from Spain, the Czech Republic, and Germany. This stage will allow the consortium to gather valuable feedback and ensure the assistant effectively supports professionals and VET learners in acquiring practical and up-to-date knowledge on product safety.

In addition, partners are developing a practical guide to help teachers and students integrate the AI assistant into their training environments responsibly and effectively. This guide follows the project’s ethical framework and aims to teach users how to make informed decisions about product safety using the information provided by generative AI tools, ensuring a meaningful and responsible learning experience.

AI4PROSA GAINS INTERNATIONAL VISIBILITY AT THE EU SAFETY 2025 CONFERENCE

On 1-2 October 2025, the AI4ProSa project was presented at the EU SAFETY 2025 Conference held in Heraklion, Greece, a key European event on injury prevention and safety promotion.

During the presentation, Encarna Alemañ (AIJU) shared the project’s latest progress, highlighting how AI4ProSa is transforming product safety training through the use of generative artificial intelligence. The AI assistant provides personalized learning on the new EU General Product Safety Regulation (Regulation EU 2023/988), tailored to professionals, VET students, trainers, and other stakeholders involved in consumer product safety.

The presentation also addressed the challenges faced by the sector after more than two decades without regulatory updates, and how AI4ProSa supports learning and adaptation to the new legal requirements while strengthening collaboration throughout Europe and creating new opportunities for cooperation with organizations committed to product safety and vocational training.



PROGRESS AND CHALLENGES IN DEVELOPING THE AI4PROSA ASSISTANT

Developing an intelligent assistant like AI4ProSa is no easy task. Although artificial intelligence is evolving rapidly, this progress requires constant adaptation by the consortium. Since the beginning of the project, we have worked with different versions of ChatGPT (such as GPT-4 and GPT-5), each introducing new capabilities but also new challenges that we have had to address.

One of the main challenges has been ensuring that the assistant correctly understands the long and highly technical documents used in product safety training. In addition, changes between model versions have affected the way it interprets the instructions we provide, forcing us to continuously review and adjust its performance.

To facilitate learning, we have created “learning sequences,” which function as thematic pathways that help the assistant guide users according to their learning needs. For instance, one of these sequences explains the legal obligations of economic operators under the new EU General Product Safety Regulation (EU) 2023/988.

We are currently testing the assistant with these sequences and evaluating the technical quality and accuracy of its responses with the support of experts. We are also preparing a validation phase involving teachers, students, and professionals to ensure that the tool is practical and easy to use in real vocational training environments.

Although the process involves constant fine-tuning, each step brings the consortium closer to delivering an innovative solution that will make it easier to understand the new European product safety framework in a personalized, accessible, and effective way.



FIRST VALIDATION OF THE BETA VERSION OF THE ASSISTANT WITH TEACHERS, STUDENTS, AND PROFESSIONALS FROM THE CONSUMER PRODUCTS SECTOR



The AI4ProSa consortium has launched the validation phase of its assistant with the aim of ensuring both the technical accuracy of its content and the quality of its learning process. This milestone represents a key step toward developing a reliable and effective tool for training in consumer product safety.

AIJU has completed the internal validation, reviewing the assistant’s technical content and verifying the consistency of its responses. Meanwhile, the University of Alicante is developing the user manuals and questionnaires that will be used in the next stage of the validation process. These tools will first be applied at AIJU during the pilot experiment in Spain, where the assistant’s usability and learning process will be evaluated under real training conditions.

The manuals are designed to help teachers guide students in using the assistant effectively and responsibly. The pilot will involve students and professionals from the consumer products sector, collecting feedback through questionnaires and short interviews to improve the tool and adapt it to users’ real needs.

The results of the pilot will be used to introduce improvements to the assistant and validation materials before applying the same methodology in Germany and the Czech Republic.



AI4PROSA

AI4Prosa is a transnational project co-funded by the Erasmus+ Programme of the European Commission.

Our aim? To improve the capabilities of professionals and future professionals of consumer products in relation to the European legal framework on product safety through the development of an assistant based on generative Artificial Intelligence.

WHO ARE WE?

We are a partnership formed by 5 European entities. Each organisation brings to the project their own expertise to ensure that the project reaches its objectives and that we deliver the best results to help industry and VET improve their skills in product safety through GEN-AI.

CONTACT US

Our newsletter is published regularly each four months on our website. However, if you wish to be involved in project's activities, please fill the form in www.ai4prosa.eu or write us to:

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