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Volume 12, Issue 1
May 2026

EdgeAI Webinar

A Deep Dive into the Artificial Intelligence Act.

The **"A Deep Dive into the Artificial Intelligence Act."** webinar held online via Go-to-Webinar on 13th of February 2026 and gathered 35 participants from 12 countries.

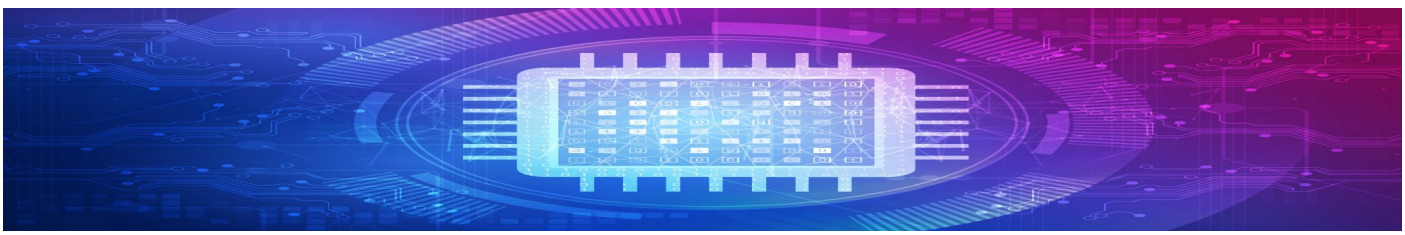
The webinar was co-organised by the Horizon Europe dAIEDGE Network of Excellence (NoE) with the aim of strengthening and supporting the development of a dynamic European cutting-edge AI ecosystem under the umbrella of the European Lighthouse for AI. It also sought to sustain the development of advanced AI and the Chips Joint Undertaking EdgeAI project, which aimed to develop new electronic components and systems, processing architectures, connectivity solutions, software, algorithms, and middleware through the combination of microelectronics, edge AI, embedded systems, and edge computing.

The webinar addressed the evolving regulatory landscape around AI, explaining the implications of ongoing regulatory developments and aligning AI governance with compliance requirements while supporting innovation and business growth.

As the regulatory landscape for technology continued to evolve, the webinar's presentations provided an introduction to the European Union Artificial Intelligence Act, designed to help stakeholders navigate the AI legal framework. Participants gained a solid understanding of the fundamentals of the AI Act, establishing foundational knowledge of how this landmark legislation categorised different AI systems and the obligations placed upon providers and users within the European Union.

The webinar also explored critical operational areas, with a particular focus on how risk management strategies needed to align with statutory requirements and the mandatory protocols for maintaining human oversight. Expert speakers examined the intersection of cybersecurity and the AI Act to ensure robust system protection, while addressing the sensitive challenge of preventing discrimination in algorithmic processes. In addition, the webinar detailed the role of harmonised standards in achieving compliance, providing a roadmap for practical implementation under the new regulatory framework.

The webinar recording will be available here soon: https://www.youtube.com/@EdgeAI-uo8tw



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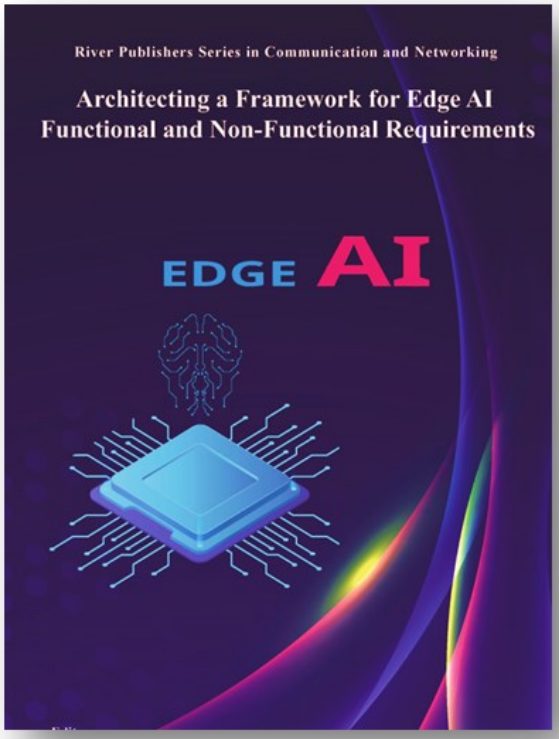
EdgeAI Book

EdgeAI Book “Architecting a Framework for Edge AI - Functional and Non-functional Requirements”

The Chips JU EdgeAI beneficiaries contributed to Chapter 7 Standards of the book “**Architecting a Framework for Edge AI Functional and Non-functional Requirements”.**



The chapter highlights that the landscape of AI standardisation is undergoing rapid, strategic evolution, driven by diverse Standard Development Organisations (SDOs). Early efforts primarily focused on defining foundational terminology to establish a common understanding of AI. However, driven by rapid deployment and emerging regulatory frameworks, the focus has shifted toward operational governance. Current initiatives aim to provide actionable frameworks for building, managing, and verifying trustworthy, reliable, and safe AI systems.

In Europe, the relationship between policy and standardisation is highly integrated. The European AI Act establishes a strong top-down demand, actively shaping the scope, content, and timeline of new standards. This creates a feedback loop in which legislation defines high-level objectives for high-risk AI systems, while organisations define the technical implementation. Consequently, the harmonised standards become legally necessary for organisations operating within the European market.

While general AI standards are evolving, edge AI standardisation is in the early stages and somewhat fragmented. Looking forward, the global AI ecosystem faces significant challenges that require continuous, deepened collaboration. The rapid rise of advanced technologies, such as Generative AI and Large Language Models, demands agile responses from standard organisations to address novel quality and transparency risks. Furthermore, harmonisation among different standardisation bodies is critical to prevent a fragmented landscape with conflicting rules. Establishing clear compliance pathways, maturity models, and certification programs will ultimately be essential for organisations to demonstrate accountability and build public trust in their AI applications.

Chapter 7 is available at: https://www.riverpublishers.com/pdf/ebook/chapter/RP_9788743809562C7.pdf

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Final General Assembly Meeting

EdgeAI Final General Assembly Meeting, 23-24 April 2026, Milan, Italy

The EdgeAI consortium organised its Final General Assembly Meeting on the 23rd and 24th of April 2026 in Milan, Italy. The meeting brought together representatives from project beneficiaries, affiliated entities, and associated partners.

The assembly provided a platform for consortium members to discuss the project's current status and align on the final steps towards project completion.

Day one focused on technical progress and Value Chain Demonstrators, with teams sharing key updates, results, and upcoming milestones. Day two began with a focused mini exploitation workshop, followed by insightful discussions on work package achievements and overall project impact.

A big thank you to UMIL for having us there!

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Final General Assembly Meeting

Final Review Meeting, 1-2 July 2026, Reims, France

Next project milestone is the final Review Meeting in Reims, France!

The Final Review Meeting of the EdgeAI Project will be held at the Vranken Pommery Monopole on 1st and 2nd of July 2026.

During the meeting, the project partners will present the overall progress of the project, along with the key achievements and results delivered throughout the implementation period. The agenda will include dedicated presentations for each Work Package (WP) and Value Chain (VC), as well as live, on-site demonstrations showcasing the project outcomes in practice.

More updates will follow soon! Stay tuned!

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https://edge-ai-tech.eu/

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EdgeAI Key Facts

Start: 01 December 2022

Duration: 43 months

Budget: 35,43 M€

Coordinator: SINTEF AS

Consortium: 48 partners

Consortium

SINTEF, Infineon, ams OSRAM, SoftwareCUBE, TU Wien, imec, NXP, GNT, NEURO Controls, COGNITION FACTORY, IMST, Universität zu Lübeck, scm group, ST, VRANKEN POMMERY, TECHNEXT, cea, Grenoble INP UGA, Université de Reims Champagne-Ardenne, cnrs, Université Polytechnique Hauts-de-France, Χαροκοπειο Πανεπιστημιο Harokopio University, HTS, Intelligent Machines IoT & Cyber Physical Systems DeepSensing S.R.L., Xtremion, Università degli Studi di Cagliari, Alma Mater Studiorum Università di Bologna, Università degli Studi di Milano, Elektronikas un datorzinātnu institūts Institute of Electronics and Computer Science, signify, Technolution, almende, TU/e, Smart energi, NxtEnergy, PROLUX, nxtech, itml innovation applied, CONVERGENCE, SynSense

Disclaimer

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