



TEACHING ARTIFICIAL INTELLIGENCE THROUGH OPEN-SOURCE EDUCATIONAL ROBOTICS

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FOSSBot4AI Project Officially Launched

Kick-off Meeting



The FOSSBot4AI project was officially launched during the Kick-off Meeting held on 26 November 2025 at ECAM-EPMI (France), gathering all project partners both physically and online. The meeting began with a presentation of the project's vision, objectives and expected impact,

followed by partner introductions and a comprehensive overview of the project structure, timeline and key results. Each Work Package was then presented in detail, including project management and quality assurance (WP1), the AI Educational Framework (WP2), the development of the FOSSBot v2 robot (WP3), the Digital Academy and simulator (WP4), and the implementation and dissemination strategy (WP5).

The discussions enabled partners to clarify responsibilities, align methodologies, and establish common tools and working procedures. The meeting concluded with a strong sense of collaboration and a shared commitment to the project's success, confirming a clear and common understanding of the roadmap, deliverables and next steps.



About the Project

FOSSBot4AI is a 30-month Erasmus+ KA220-HED project focused on designing a new generation of AI learning experiences.

Main Objectives

- Democratise AI education in higher education
- Develop an open-source educational robot (FOSSBot v2)
- Build a Digital Academy and AI learning platform
- Design innovative hands-on pedagogical frameworks
- Strengthen collaboration across European institutions

The FOSSBot Ecosystem

FOSSBot4AI introduces a complete learning ecosystem:

- Educational Robot (FOSSBot v2)
- AI Learning Modules
- Digital Academy Platform
- Virtual Simulator (Digital Twin)

Enabling students to learn AI through real experimentation

Kick-off Meeting Highlights

The Kick-off Meeting marked an important milestone for the project:

- Presentation of project vision and roadmap
- Alignment on Project Management Plan (WP1)
- First discussions on AI Educational Framework (WP2)
- Exchange of ideas between partners
- Definition of next steps and collaboration strategy

The meeting concluded with strong engagement and a shared commitment to project success.





Development of the AI Educational Framework (WP2)

The next phase of the project will focus on the development of the AI Educational Framework (WP2), which will serve as the pedagogical foundation of FOSSBot4AI. This framework will define the structure, methodology and key principles for teaching Artificial Intelligence using FOSSBot, ensuring consistency and coherence across all partner institutions.

Definition of modules and learning activities

Building on this framework, partners will collaboratively design and refine educational modules and learning activities. These will include hands-on projects, laboratory exercises and innovative teaching approaches aligned with the Five Big Ideas in AI, ensuring a strong balance between theory and practical application.

Initial work on FOSSBot v2 design

In parallel, the technical teams will initiate the design and development of FOSSBot v2, the new generation of the educational robot. This work will focus on defining hardware and software specifications, integrating sensors and AI capabilities, and ensuring alignment with the pedagogical needs identified in WP2.

Preparation of the Digital Academy

Finally, the project will begin preparing the FOSSBot4AI Digital Academy, an online platform that will host learning materials, courses and interactive content. This environment, combined with the future simulator (Digital Twin), will enable flexible, blended and international learning experiences for students across Europe.



From Planning to Implementation

What's Next?

Following a successful Kick-off Meeting, the FOSSBot4AI project is now entering a key transition phase from strategic planning to concrete implementation. Building on the shared vision, defined objectives and aligned methodologies, partners are moving forward with the first operational activities across both pedagogical and technical work packages. This phase will focus on translating concepts into structured frameworks, designing practical learning content, and initiating the development of core project components. It represents a crucial step in ensuring that the project delivers innovative, coherent and impactful results in line with its ambitions.