WISE-AI: LEARNING AI THROUGH PLAY

A Minecraft Education Game for Young Women

WISE-AI is a gamified learning experience that introduces young women to Artificial Intelligence through storytelling, problem-solving, and real-world challenges linked to sustainability and employability.

AT A GLANCE

5 Core Game Levels
Each level focuses on a key aspect of AI and its impact on society.

Available in 6 Languages
Designed for accessibility across Europe.

Playable on Multiple Operating Systems Available via Minecraft Education on

- Windows
- macOS
- Android
- iOS
- Chrome Books

Designed for Critical Thinking
Players analyse data, question AI outputs, solve problems, and make ethical decisions.

WHAT PLAYERS LEARN ABOUT AI

The game introduces Artificial Intelligence through 5 key learning areas:

AI Fundamentals – what AI is (and isn't)

AI Ethics & Responsibility – fairness, transparency, accountability

AI Skills & Critical Thinking – analysing data, correcting AI errors

AI Applications – healthcare, education, media, sustainability

Inclusive & Ethical AI – bias, representation, and social impact

SUSTAINABLE DEVELOPMENT GOALS COVERED

WISE-AI connects AI learning with global challenges, focusing on:

SDG 5 Gender Equality

SDG 6 Clean Water & Sanitation

SDG 7 Affordable & Clean Energy

SDG 13 Climate Action

SDG 17 Partnerships for the Goals

KEY HIGHLIGHTS OF THE GAME

Gamified Learning Techniques Used

- Narrative-driven gameplay (story unfolds level by level)
- Problem-based missions and challenges
- Interactive puzzles and simulations
- Decision-making with visible consequences
- Progress tracking through an in-game digital tool
- Guided exploration instead of passive learning

Learning Is Never Solitary

- Players interact with AI systems, virtual characters, and simulated stakeholders — reinforcing collaboration and reflection.

Positive AI Representation

- AI is presented as a tool for good, supporting inclusion, sustainability, and social progress.

Why WISE-AI Matters

- Encourages young women's confidence in AI and technology
- Links digital skills with employability
- Shows how AI can support real-world solutions
- Makes learning engaging, accessible, and meaningful