From Course Delivery to Learning Ecosystems:
An AI-Driven Approach

Learning Guild - 2025

Open LMS

Today's Agenda

1. The AI Landscape in the LMS Market

2. The Power of Personalizing Learning Journeys

3. Key AI Features in Open LMS & the Extended Ecosystem

4. Automation for Administrative Efficiency

5. Ethical and Responsible AI Use

6. The Future of AI

7. Questions

Training Landscape

Education and training are changing fast! AI is here to stay. There is:

- A need for flexible platforms that support hybrid learning, microcredentials, and personalized experiences.
- A requirement to manage costs, follow regulations, and be more efficient and scalable.
- Growing demand for short, job-ready programs that train employees fast and consistently.

In this session, we'll cover:

01 AI's impact, From Course Delivery to Learning Ecosystems

02 The Market Growth of Hybrid and Online Learning

03 Learner-Centric Innovation / Hyper Personalization

04 Generative AI Commoditizing the Creation of Content

05 AI for Skill Gap Analysis and Performance Support

06 Automation & Predictive Analytics for Data-Driven Decisions

General **Insights**

AI is advancing at a rapid pace—we need to adapt to meet the new demands of learners and the market.

Companies that are using AI tools, such as AI assistants, predictive analytics systems, and automation bots are seeing positive impacts: employees working faster, making better decisions, and enjoying their work more.

AI Policies

- Requirement to have an AI direction with clear policies

Focus on AI Literacy

- Encouragement for learners to engineer AI prompts and learn about AI
- Preparing instructors to scale using AI
- High demand for more control, more data, and more options

New Approaches

- Emphasis on human-centered AI approaches
- Expectation of skills development, not just knowledge delivery

The Power of Personalizing Learning Journeys

Assistants and automation are revolutionizing content creation and learning journeys with:

- **Adaptive Learning Paths:** AI to tailor content to individual learner progress, preferences, and styles

- **Real-Time Feedback:** Dynamic assessments provide immediate insights, enhancing engagement

- **Microcredentials & Lifelong Learning:** Emphasis on modular, competency-based education to meet diverse learner needs

AI Features in Open LMS & the Extended Ecosystem

OLMS AI-Assisted Editor (For tiny)
- Enables educators, trainers, and administrators to streamline content creation and free up valuable time
- Allows users to write prompts, summarize information, and expand content

turnitin
Safeguarding Originality
- Turnitin incorporates cutting-edge AI detection algorithms to accurately distinguish between human-written and AI-generated text
- Empowers educators to provide precise and actionable feedback

OLMS AI Text-to-Questions
- Quickly generates diverse quiz questions using AI from various sources.
- Streamlines question creation by integrating with the course content & the Question Bank.

Copyleaks
AI Detector
- Advanced AI to detect plagiarism in students' submissions
- Successful even where common tactics such as hidden characters, paraphrasing, and AI-generated content have been used to avoid detection

TEACHERMATIC AVALLAIN GROUP
Content Creation
- 70+ AI generators that simplify lesson planning, assessment creation, and interactive content development
- Key features include customizable quizzes, interactive class tools, glossary generator

Moodle Community AI Plugins

OpenAI Chat Block
24/7 support through a customizable chatbot

AI Text-to-Images
Generate custom banners, labels or graphics

7

Automation for Administrative Efficiency

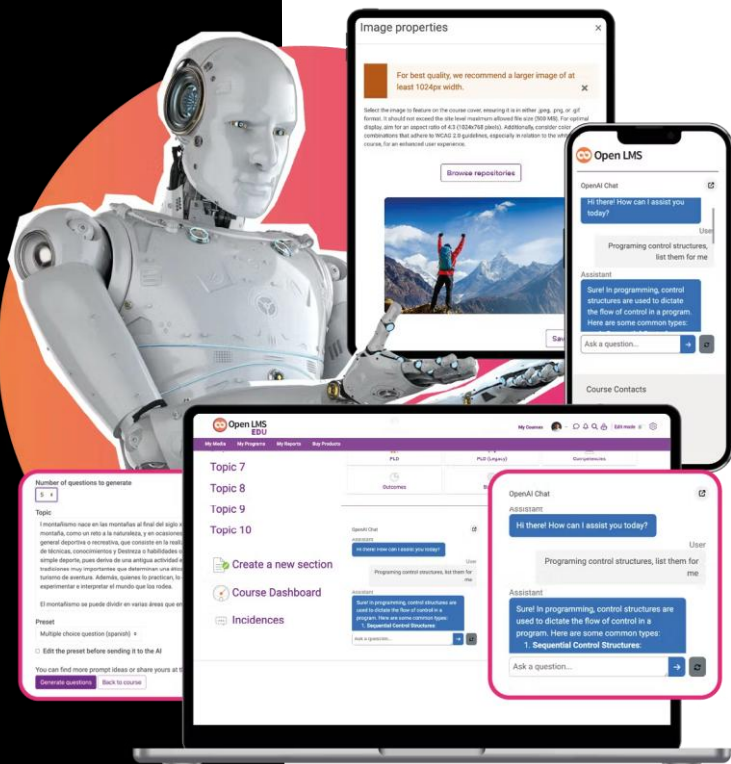**Instructor Workload Reduction:**

- Streamlined content creation and course management via tools like CCM, PLD, and Conduit

Enhanced Student Support:

- AI-powered chatbots and tools like OpenAI Chat block for handling FAQs and providing guidance

Operational Efficiency:

- Internal applications such as GitHub Copilot for developers
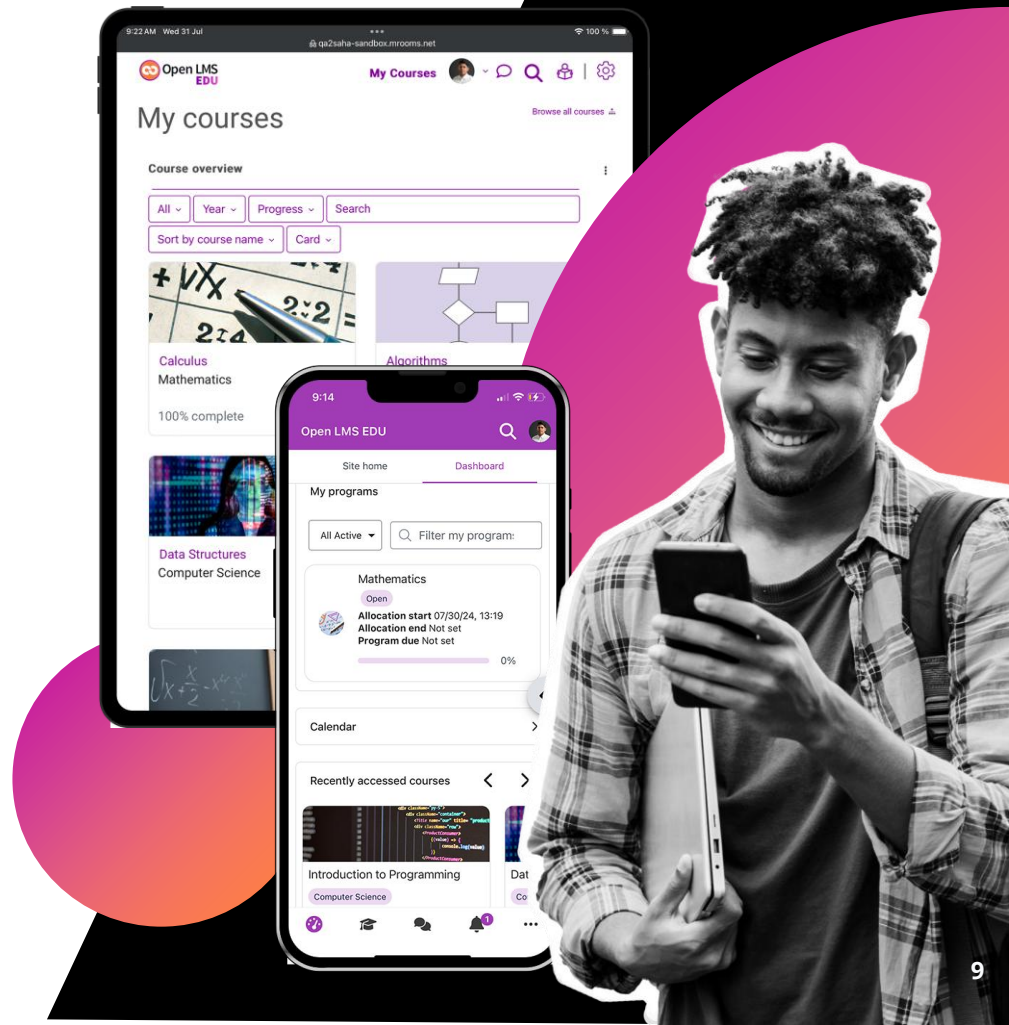- AI assistants for Customer Success and Sales teams

Ethical and Responsible AI Use

Addressing Concerns:

- Misinformation, plagiarism, and bias in AI-generated content
- Relying on the open-source community for best practices

Open LMS's Commitment to Ethics:

- Transparent, user-centric AI solutions
- Assistant for trainers, instructors, and content creators
- Ensuring responsible implementation across learning environments

Our Vision of the
Future of AI in Education

AI as a Collaborator: Assisting in creativity, problem-solving, and personalized mentorship.

Feedback-Driven Development: Incorporating educator and learner feedback to enhance teaching quality

Strategic Innovation: Generative AI for content creation, training processes optimizations, and predictive analytics for data-driven decisions

AI and automation will have a transformative role in personalized learning

Ethical considerations, preparation, and strategic implementation

Immense opportunities to become AI-enabled organizations

Thank you for joining us!

Learn More

Open LMS

Part of Learning Technologies Group