

Metanode is an AI-powered corporate learning platform that delivers personalised, multimodal content at scale. It provides real-time insights to help managers track engagement, align training with business goals, and continuously improve performance through data-driven analysis.



Who are Metanode?





Dr Keith Maycock, Programme Director and Lecturer in Computer Science in the School of Computing, in National College of Ireland, Co-Founder of Metanode and Co-founder of NetSearch Platform Limited.



Dr Michael Goldrick is an Associate Professor in National College of Ireland, Visiting Professor of Educative Technologies at Eötvös Loránd University, Research Fellow for Dublin City University. (PI) and Co-Founder of Metanode.



Donald Clark is an Entrepreneur, professor with 38 years' experience in Learning technologies, CEO, investor, Board member (PlanB learning, LearningPool and Cogbooks), He was a founding member of Epic Group plc and the Founder and CEO of Wildfire Learning.



Shudong Wang
Full Stack Developer | Al Engineer



Yinglian D.Full Stack Developer | UI/UX Designer



Emre Kavak
Full Stack Developer | Java | SQL

Problems Identified



Existing training approaches are inefficient and ineffective:

- Despite significant investments in Learning & Development, only 12% of workers apply training on the job, leading to an estimated \$13.5M in annual losses per 1,000 employees due to ineffective training [1].
- Only 29% of employees feel fully prepared for their new role and ready to excel after onboarding [2]
- In 2025, 41% of employees believe that training does not improve their overall job performance. [3]

Companies struggle to measure and align the effectiveness of training with business objectives:

- 60%+ of companies still struggle to effectively identify critical talent roles or align skills development with organizational goals, causing fragmentation and missed opportunities for growth, efficiency & innovation.
- Only 29% of organisations have a defined skills taxonomy to guide workforce development.
- In 2025, research from *upgrad* shows that **75%** of employees engage in skill development only when mandated, reflecting a lack of engagement and misalignment with business objectives [4]
- Only **10%** of HR executives effectively classify and organize skills into a skills taxonomy or framework, suggesting a lack of structured processes for skills identification and development [5].

^{1 [1]} https://www.edstellar.com/blog/corporate-training-statistics; https://www.aihr.com/blog/employee-onboarding-statistics/?utm https://elearningdoc.com/the-hidden-costs-of-inadequate-training/

^[3] https://www.devlinpeck.com/content/employee-training-statistics?utm



Unmet needs to be solved: There are thousands of Learning Management Systems (LMS) vendors across the globe in a crowded marketplace. However, these platforms lack an Alfirst, ecosystem-wide integration and underpinning of effective learning theory. Due to a collective reliance on "bolting-on" Al features, many existing LMS's still rely upon many outdated processes, or simply cannot address the following unmet needs:

- (i) The manual development of multi-modal courses and learning support resources.
- (ii) Tracking of skills and knowledge within a company's ecosystem
- (iii) Providing real-time analytics into a company-wide project.
- (IV) Discovering hidden talent within the organization

Metanode Products

- Automated Project planning and reporting
- Automated course Creation and Assessment.
- 3. Learning Analytics and Visualization.
- 4. Automated Talent Management.



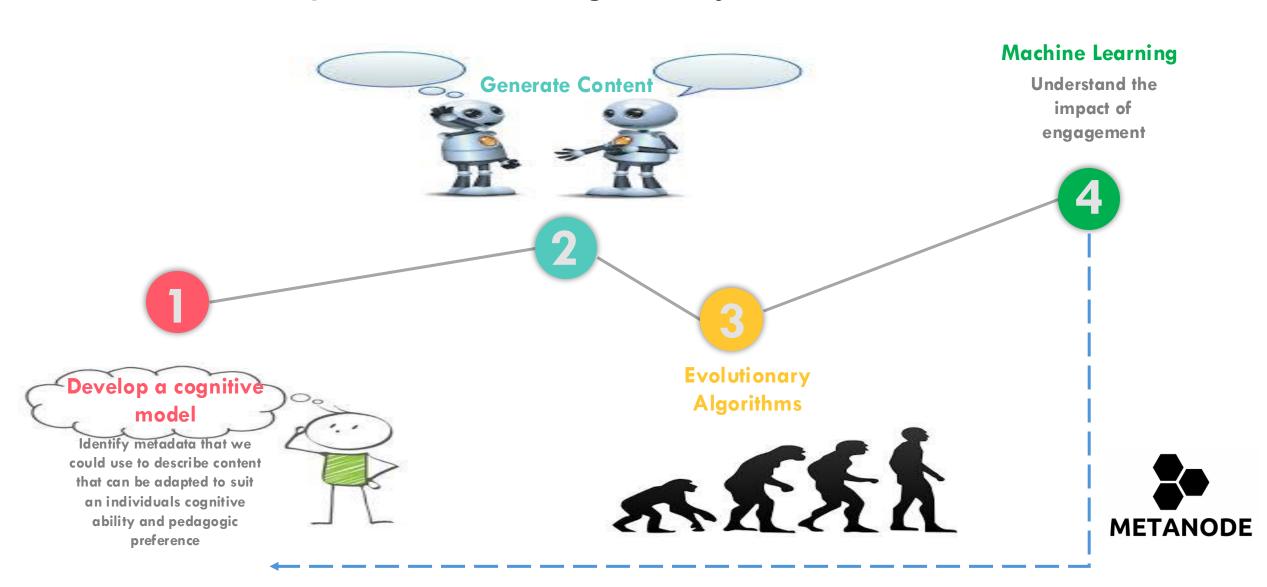
Validation of our insights:

To validate our insights the team met with a series of C-Level Executives and world leaders in L&D:

- Alfred Remmits, CEO of **Xprtise**, a performance support company (Partner)
- Mark Visser, CEO of **HiHaHo** Interactive video platform.(Partner)
- John Geoghegan, Managing Director, **Landcorp** International Property Services LTD (Partner)
- John Ghent, CEO, **PrivacyEngine**, leading Data Privacy solution and services provider (Partner)
- Sean Kelleher, Managing Director, Qualtec, Learning Solutions company (Partner)
- Chris van der Kuyl, J Studios best known for developing Minecraft.
- Sam Watts Head of Content, **HTC Vive** (global VR provider).
- Wendie Edie CEO **E-Com** Online learning platform and VR vendor
- Stella Collins, Co-Founder of Steller Labs, Learning Technology Company based in Belgium.
- Niels Vildbrad (COO) and Jan Larsen, (CPO) of Area9 Lyceum, Adaptive Learning Company.

Resulting in a Potential Test bed Population: 60,000+

Al First Corporate Learning Ecosystem





Progress to Date



Shudong Wang
Full Stack Developer | Al Engineer



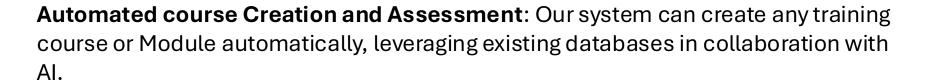
Yinglian D.

Full Stack Developer | UI/UX Designer



Emre Kavak

Full Stack Developer | Java |SQL

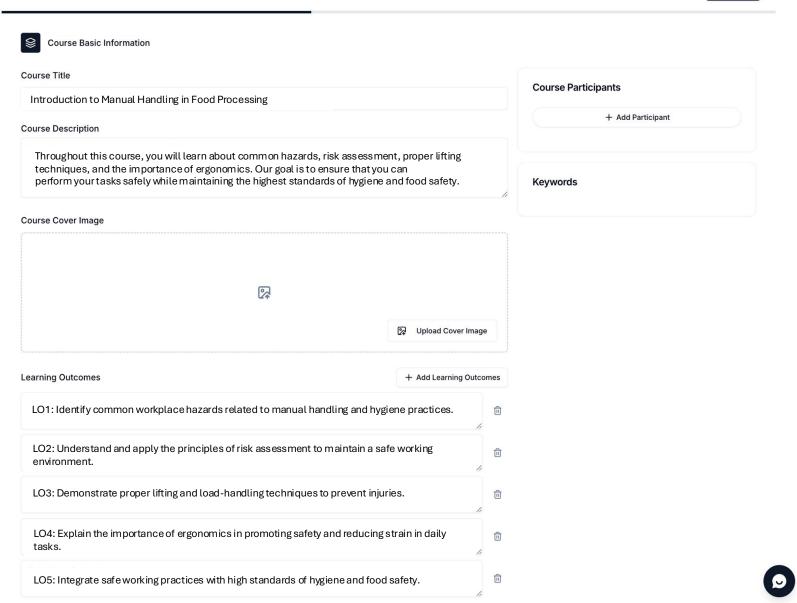




+ NEW PROJECT Q Search... **Create Course** Draft Published **Online Course User Interface Design** Python guide Edit Edit Explore principles of user interface design, including Explore Python programming fundamentals, including layout, typography, and color theory. Learn to create... data types, control structures, functions, and modules... () 24 Hours () 25 Hours web design **Manual Handling** Edit Edit Learn the fundamentals of web design, including HTML, Learn safe manual handling techniques to prevent CSS, and UX principles. This course covers layout... injury. This course covers risk assessment, lifting... (1) 12 Hours (S) 8 Hours

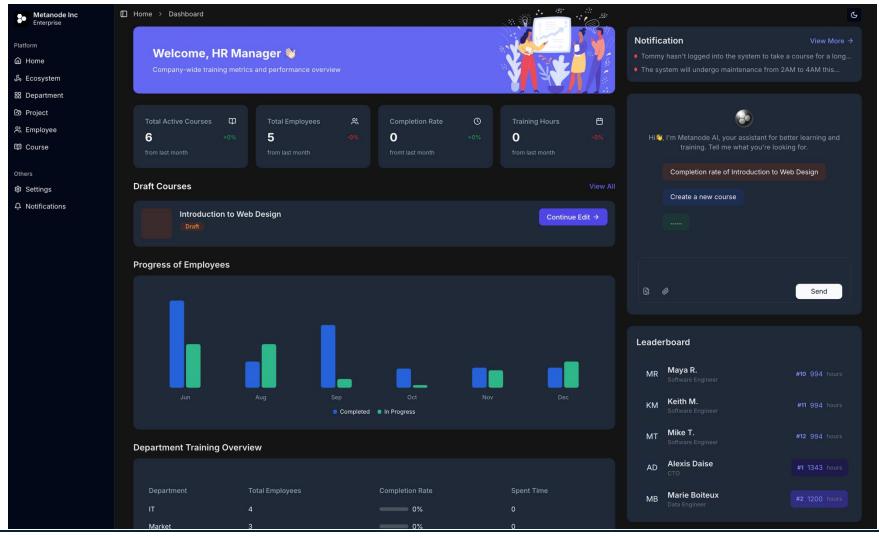
Continue

Step 2 : Course Info



Ergonomics; Lifting; techniques; Posture; Risk assessment; Repetitive strain; Load management

3. Learning Analytics and Visualization.

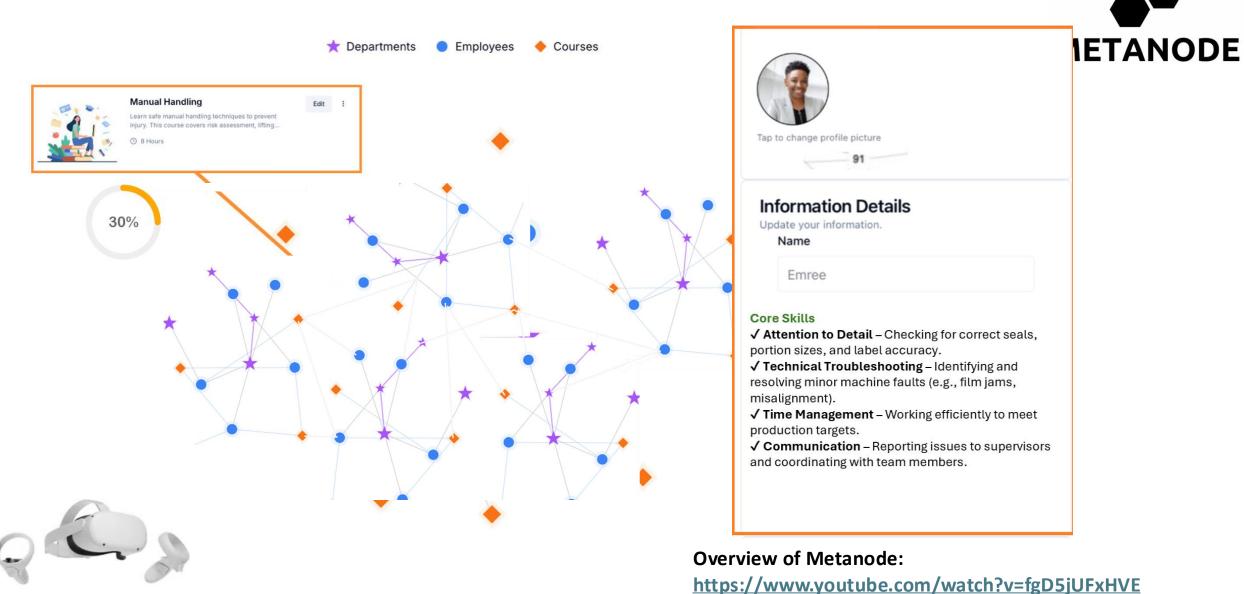






Metanode's Enhanced Data Analysis approach is automated to show overall statistics of *progress, assessment results,* engagement metrics, performance comparisons (individuals and groups). The system will also be able to align these datasets with **your organisation objectives** to determine how effective training is in terms of **your ROI metrics**, such as **productivity**, **cost**, **efficiency**, **sales**.

4. Automated Talent Management.

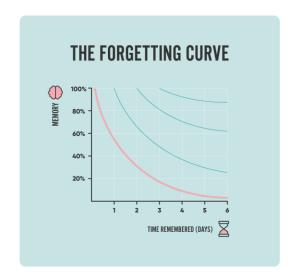


Metanode's Enhanced visualisation With this approach, in combination with statistic data-boards, C-Level & management can easily Identify growing talent that can be used in new projects. This feature will also include Virtual reality compatibility.

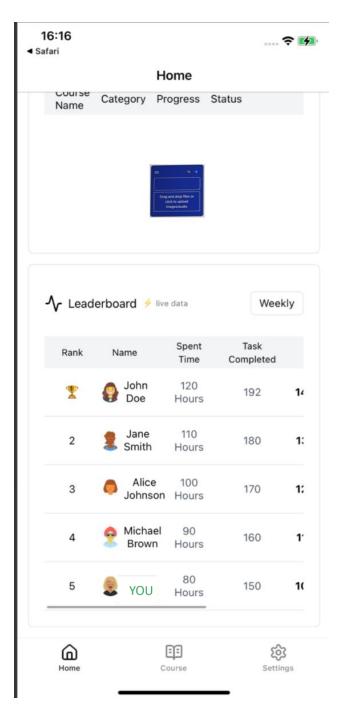
Mobile-based supports to enhance course learning

To support active learning and effectiveness, each learner can create ongoing study notes about their learning. These can act as reminders, or useful "hints and tips". These notes can be created as either text, audio or images to help him with long-term memory recall.

Engaging in this active note-taking can significantly enhance long-term memory retention and counter the "forgetting curve*."



These notes are automatically included in the company's ecosystem, and can be used to support other learners in **similar work-flow scenarios**. The Metanode system can also create leadership boards for companies who want to monitor and/or reward knowledge sharing.





Tip 1:

"Lift Smart, Not Heavy"

•Always use the proper
lifting technique: Bend
your knees, keep your
back straight, and lift
with your legs—not your
back.

Overview of Mobile App:

https://www.youtub e.com/watch?v=2iL5 m2 WXqQ

1. Automated Project planning and reporting

Create New Project

Project Name

Enhance Safety 2025

Description

Our shipping unit has seen a 35% increase in injuries during shipping. Put in place a training programme to enhance awareness of manual handling procedures and ensure each member completes such with a 90% pass rate.

Monitor ongoing injury reports over the next 6 months to determine overall effectiveness of initiative.

Department

Shipping and Distribution

Team Members

Q Search by skills...



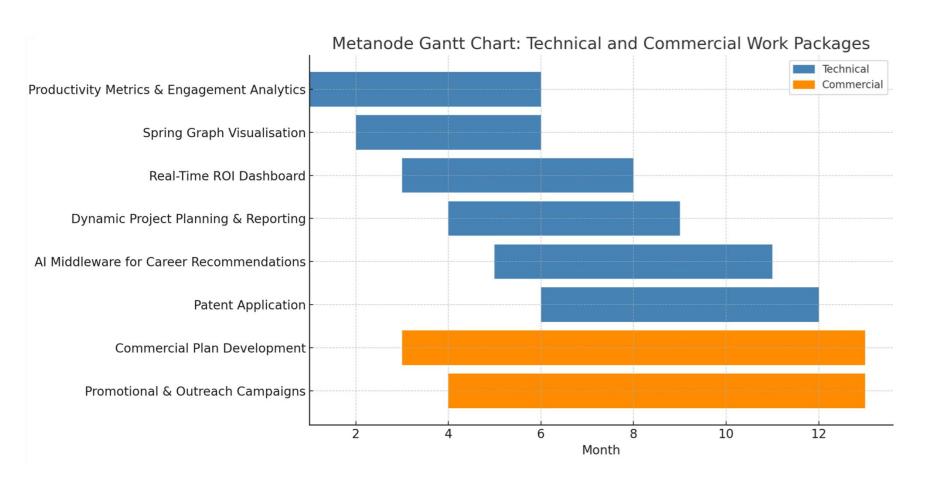
Self-determines

whether this project can be achieved by the current knowledge base in the company ecosystem and if there are any additional training requirements and/or new hires needed.

+ NEW PROJECT

What's Next?





Obtainable / addressable market

We are targeting a total addressable market (TAM) of global corporate learning estimated to be \$417 Billion, in 2025. The serviceable available market (SAM), of Europe and North America, is \$250 million in 2025.

Our serviceable obtainable market (SOM) initially, in five years estimated to be a max of 10%, \$25 million.

Top-up application submitted to El for: **€491,705** (€378,235 (Direct Costs) & €113,400 (Indirect costs).

Metanode's Draft Price Model



Plan	Target Business Size	Pricing (Monthly/Annual)	Key Features	Implementation & Consulting
Starter	Small Businesses (10- 100 employees)	€500/month or €6,000/year	 ✓ Course creation ✓ Skill mapping ✓ Employee engagement tracking ✓ Standard learning analytics dashboards ✓ Email support 	Setup: €3,000 (one-time) Optional consulting: €150/hr
Growth	Medium Businesses (100-1,000 employees)	€4,000/month or €35,000/year	 ✓ All Starter features ✓ Project creation and evaluation ✓ API access for integrations ✓ AI-driven training recommendations ✓ Gamification module ✓ Priority support 	Setup: €5,000 (one-time) Consulting package: €5,000 (includes strategy workshops)
Enterprise	Large Businesses (1,000+ employees)	Custom Pricing (€10,000+/month)	✓ All Growth features ✓ Full Al workforce analysis and talent management ✓ Advanced security & compliance ✓ Dedicated account manager ✓ On-site training	Setup: €10,000+ (custom) Enterprise consulting: €20,000+ (tailored supports, strategy workshops)

The LMS Pricing range for Enterprise-Level is around \$600–\$1,000 per user annually, depending on the chosen LMS platform and its features. (https://www.edisonos.com/learning-management-system/pricing)



Metanode's Valuation

Year	Clients (Total)	Recurring Revenue (€)	Installation Fees (€)	Consulting Fees (€)	Total Revenue (€)
Year 1	30	870,000	210,000	40,000	1,120,000
Year 2	48	1,404,000	342,000	60,000	1,806,000
Year 3	84	2,228,000	544,000	95,000	2,867,000
Year 4	114	3,342,000	816,000	140,000	4,298,000
Year 5	176	5,036,000	1,228,000	215,000	6,479,000



Estimated Valuation:

€77 million in year 5.
Developed as part of the Venture
Build Programme.

Key Points:

- 1. Number of Clients increases by 60% each year in Years 2 and 3, and 50% in Years 4 and 5.
- 2. Revenue growth: Each year shows significant growth in recurring revenue, installation fees, and consulting fees.
- 3. Planned funding call for year 3 of €7 million for R&D.
- 4. The Valuation increases progressively, with a 12x revenue multiplier applied to the Year 5 total revenue.