

LUXEMBOURG AI STARTUPS & SCALEUPS

USE CASES AND SUCCESS STORIES

Use cases

In enterprise software

Artificial Intelligence is rapidly transforming enterprise software, enabling businesses to operate smarter, faster, and more efficiently. From automating repetitive workflows to delivering predictive insights, AI-driven enterprise solutions are reshaping how organisations manage operations, interact with customers, and make decisions.

Key sectoral applications:

- **Workflow automation & operational efficiency:** email handling, data entry, process execution, etc., can be handled by AI, boosting productivity and reducing manual efforts.
→ [MarketLeap](#), [EmailTree](#), [Elora](#)
- **AI-driven data intelligence & predictive insights:** businesses make smarter decisions by transforming complex data into real-time insights through digital twins, simulations and smart data preparation.
→ [DataThings](#), [Rejustify](#)
- **Industry-specific process optimisation:** optimisation of operations in sectors like manufacturing, construction, energy, etc., improving efficiency, safety and sustainability.
→ [Witaza](#), [Symvio](#), [SafeAI](#)

Concrete example: Market Leap

[MarketLeap](#), an AI-powered platform for direct-to-consumer (D2C) ecommerce, helps brands scale globally by automating operations like inventory management and pricing. In February 2025, Market Leap has announced a notable round of funding (\$8 million Serie A), lead by Smedvig Ventures with participation from Expon Capital, Motier Ventures and business angels like Amazon, SoftBank and Unilever.

The funding will support further platform development and expansion into the U.S. market, reinforcing Luxembourg's role as a launchpad for globally ambitious AI startups.

Digitalizing the manufacturing sector




Several companies implemented in Luxembourg are aiming at broadening the use of AI in the manufacturing sector. Among those, we can cite [Witaza](#) (AI solutions for manufacturing process optimisation) & [Symvio](#) (real-time data on machinery condition).

Use cases

In fintech

Artificial Intelligence is reshaping the financial services industry, enabling faster, more secure, and highly personalised solutions across banking, insurance, payments, and investment management. By leveraging AI technologies, fintech platforms are offering unprecedented levels of automation, intelligence, and customer-centricity.

Key sectoral applications:

-  **AI for asset management & fund operations:** startups are streamlining fund management and investments analytics using AI-powered Software-as-a-service platforms.
→ [Next Gate Tech](#), [Accelex](#), [Algora](#)
-  **AI-driven regtech & compliance automation:** companies are tackling regulatory challenges with AI tools for AML, KYC and ESG reporting.
→ [Mopso](#), [Smart Oversight](#)
-  **Climate fintech & satellite-driven risk assessment:** fintechs are integrating AI with satellite data to model climate risk and support sustainable finance.
→ [Symbiose Management](#), [Metricsat](#)

Concrete example: Mopso

In April 2025, the *RegTech* [Mopso](#), active in the fight against money laundering and the prevention of financial crimes, has announced having closed a €1 million seed round, led by Apside, a joint venture by Intesa Sanpaolo and Zest S.p.A., by Fin+Tech, the program of the National Network of Accelerators of CDP Venture Capital and Centro Istruttorie, a company part of Moltiply Group.

Founded in 2021, Mopso offers modular tools like Brain, which uses semantic analysis to detect suspicious transactions, and Amlet, which automates client due diligence through reusable digital identity credentials aligned with EU frameworks.

Use cases

In healthtech

Artificial Intelligence is revolutionizing healthcare by making it more precise, efficient, and accessible. In the healthtech sector, AI is enabling a new generation of tools that assist clinicians in diagnostics, automate administrative workflows, personalize treatments, and even predict health risks before symptoms appear.

Key sectoral applications:

- **AI-driven drug discovery & precision medicine:** startups are using AI to accelerate drug development and enable personalized treatments
→ [OrganoTherapeutics](#), [Helical](#)
- **Data-driven diagnostics & automated clinical reporting:** AI structures medical data, supports clinical decision-making and automates reporting processes.
→ [Sonia Solutions](#), [Dynaccurate](#)
- **Neuro-AI interfaces & assistive robotics:** companies are building AI-powered devices for neuro-rehabilitation, autism therapy and elderly care.
→ [LuxAI](#), [Parrots Medical AI](#)

Concrete example: LuxAI

Laureate of the [Fit4Start](#) program in 2018, LuxAI has developed an expressive social robot called Qtrobot, whose goal is to support education of children with autism and other special needs, human-robot interaction research and teaching.

In 2018, LuxAI's technology was awarded the "[Tech for a Better World](#)" prize at the European CES in Amsterdam.

Only a year later, the Luxembourgish startup has announced its international expansion, targeting schools, specialised centres, and researchers.

