

Highlights from the TechSense Summit 2025

Shaping the future of IT with AI

TechSense Summit held on Tuesday, April 22, 2025, at DSquare, Deloitte Luxembourg main building, gathering 200 attendees. During this conference, leading experts from Luxembourg's tech ecosystem shed light on the future of IT infrastructure in the hands of artificial intelligence (AI), exploring how this technology is reshaping services to be faster and more efficient.

The innovation and evolution of IT management infrastructure is unstoppable. This Summit focused on clearing the fog over the relevance of AI's intervention in IT infrastructure and the foundations of AI-driven IT infrastructure, operations, data as "the core of AI", security & ethics in AI-driven IT and the sustainability of AI from a green world perspective.

The plenary conference kicked off with an opening speech by Summit moderator Eric Mansuy, Group Head of Operations, IT & Real Estate at Quintet Private Bank - THECIO25. In a few words, Eric launched the first edition of 2025 TechSense Summit, revealing details of the upcoming sessions, and introducing the first speaker.

Keynotes from sponsors: Insights on AI services, implementation and the sovereignty challenge

Maurice Schubert, Partner, and Sébastien Genco, Partner at Deloitte Luxembourg took the stage for the first keynote, focus-



ing on the revolutionary transformation of Silicon Infrastructures to AI-based IT services and their foundations. The Deloitte Partners addressed the challenging issue of technological sovereignty, highlighting Europe's plan to invest heavily in this sector. This independence, they noted, has become crucial and existential from all perspectives.

The moderator then brought Audric Lhoas, Head of Product Management at Proximus NXT Luxembourg, onto stage to share with attendees crucial lessons

from real-world business life. He explained and clarified the strategies for AI and Data implementation, AI-powered IT operations, and AIOps. "AI doesn't make you smarter; it's just a mathematical model, an enabler. It's up to humans to judge what is correct and what is not". With these words, Audric aimed to raise awareness for the right and wrong uses of AI. Before pursuing, adding that to be an enable, AI needs data, which is "the fuel of AI".

Yannis Nakos, Strategic Business Development Manager at NSI Luxembourg, de-

livered a speech revealing the key components and the perfect combination for efficient, compliant, and sovereign AI.

Sailing through the AI era: Key insights for the future of IT

In the next session, Manuel Fischer, Director Global IT at Amazon Operations, outlined another side of the paradigm, showing the audience how AI agents will transform IT management. He shared examples from Amazon's operations and discussed how this transformation has shaped the company's present and future. Manuel summed up the journey of this evolution with the words "Fail fast but act on it".

Michael Keusgen, CEO of Ella Media AG, brought an inspiring and engaging perspective, focusing on the importance of finding the right AI Agents to manage, ensuring that they align with principles of sustainability and environmental responsibility. He then emphasized the significance of learning how to handle AI: "Be aware of what you can do with AI. It is not just a simple tool; it is an adaptive technology. Your process will change and so will your whole company and organization".

Final round table: Balancing AI, sustainability and sovereignty

The summit concluded with a roundtable discussion moderated by Sébastien Genco, Partner at Deloitte Luxembourg. The session featured industry experts Yannick Huchard, CTO at BIL, Natalia Iskra, Di-

rector and Head of Security IT at Deutsche Börse Group, Maxime Dehaut, Head of AI-based Product Development at Luxembourg Stock Exchange, and Sofia Pogrebynska, IT Officer and Cloud Officer at PayPal Europe. They shared valuable insights and perspectives while discussing the impact of AI on IT infrastructures and services.

Natalia Iskra shared her captivating viewpoint on finding the right balance for an organization, stating: "The right balance lies between AI and human judgement". She added: "AI gives us scale, humans give us sense". Sofia Pogrebynska noted that "AI needs to be trustworthy, and our decisions must be explainable".

Maxime Dehaut addressed the question of whether AI and sustainability can co-exist, emphasizing the crucial role of three pillars embedded to succeed: "Planet, People, Prosperity". Yannick Huchard acknowledged: "Sovereignty in terms of data must be tied to sustainability. If you want to invest, you need to understand the real cost".

The fifth edition of the TechSense Summit event provided an open stage for speakers from the same industry, yet with diverse and refined experiences within the IT sector. The experts offered attendees a unique opportunity to explore the various layers of this fast-evolving field, delivering exclusive insights, ideas, and a comprehensive overview of the new era of AI intervention in the IT infrastructure domain.

Source: TechSense

Luxembourg financial sector embraces digital revolution

From niche curiosity to boardroom priority: crypto-assets have completed their remarkable journey into Luxembourg's financial mainstream, according to the third annual Crypto-assets Management Survey released on April 22 by The LHOFT Foundation and PwC Luxembourg. The findings reveal a financial sector undergoing profound transformation, with 81% of respondents now viewing crypto-assets as strategically important for Luxembourg's financial future – up from 71% just two years ago.

The study, which surveyed over 130 financial industry professionals with support from ALFI, ABBL – The Luxembourg Bankers' Association, and the Luxembourg Blockchain Lab, captures a dramatic shift in market outlook:

- Half of the respondents believe the global crypto-assets market has reached its inflection point
- Only 19% still view crypto as a niche market, down dramatically from 44% in 2023
- Customer demand has more than doubled since the previous survey



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Perhaps most telling is the explosive growth in retail banking interest, which skyrocketed from a mere 5% in 2023 to 30% this year – signalling crypto-assets's

breakthrough into mainstream financial services.

"The crypto-assets landscape in Luxembourg is showing signs of promise. Compared to the previous edition of the survey, which took place during the so-called 'crypto winter' of early 2023, this edition shows growing interest in crypto-assets among all segments of the Luxembourg financial centre. This shift is partly driven by the EU Markets in Crypto-Assets Regulation (MiCA) which established a robust regulatory framework that protects investors and promotes market integrity. Looking ahead, the survey's findings are clear: Luxembourg has the potential to become a key jurisdiction for serious crypto-asset service providers under MiCA," explained Dariush Yazdani, PwC Partner and Head of Global AWM & ESG Research Centre.

Tokenisation leads the charge

The report highlights tokenisation as the driving force behind institutional adop-

tion, with nearly half (47%) of respondents already offering or planning to offer tokenised products. Industry professionals cited instant settlement (80%) and round-the-clock trading (60%) as the most transformative features of these new assets.

Oriane Kaesmann, Research Manager at The LHOFT, noted: "Tokenisation marks a deep structural evolution in finance. The underlying infrastructure shows that this system is truly interoperable at a global level. Round-the-clock markets are no longer novelties, they are the new normal; and institutions internalising this shift are positioning themselves to lead the capital markets in the next decade."

Challenges Remain

Despite the optimism, significant hurdles persist. Limited local expertise (64%) and concerns about internal risk appetite and reputation (63%) continue to slow wider adoption. While infrastructure maturity has improved, with those viewing it as

insufficient dropping from 73% to 59%, technological gaps remain.

The implementation of MiCA regulation represents both a challenge and opportunity, with over half of respondents conducting gap analysis and 21% actively pursuing Crypto-Asset Service Provider (CASP) licensing.

Nasir Zubairi, CEO of The LHOFT: "This year's survey confirms that crypto-assets are moving from the periphery into the heart of financial strategy. Luxembourg is exceptionally well-placed to lead – our regulatory pragmatism, cross-border expertise, and infrastructure are built for this transition. With tokenisation gaining ground and MiCA offering the clarity institutions need, we are poised to seize the opportunity. We must continue to foster talent, build confidence, and act with strategic purpose to secure Luxembourg's role at the forefront of this digital era."

The full report is available for download from The LHOFT website: <https://lhoft.lu/cx/ccFr2x>

La Luxembourg Space Agency et la BEI unissent leurs forces

La Luxembourg Space Agency et la BEI entendent soutenir une utilisation accrue des données satellitaires dans le domaine financier. Le nouveau programme pilote de recherche-développement sera dirigé par la LSA avec le soutien de la BEI. Le partenariat vise à renforcer l'autonomie stratégique de l'Europe en matière de données spatiales liées aux transactions financières.

L'agence spatiale luxembourgeoise (Luxembourg Space Agency - LSA) et la Banque européenne d'investissement (BEI) ont annoncé le 15 mai une collaboration visant une intégration plus poussée des applications spatiales



(de g. à dr.) Marc Serres, CEO de la Luxembourg Space Agency ; Robert de Groot, vice-président de la BEI © BEI

européennes dans le secteur financier. Une telle intégration bénéficiera in fine notamment aux domaines de la banque d'investis-

sement et de l'assurance. L'initiative «Space for finance» met à profit les atouts de l'Europe dans les applications pour l'observation de

la Terre et la navigation. Son objectif est d'améliorer les efforts des entreprises de services financiers en matière de publication d'information et de durabilité grâce à des solutions satellitaires innovantes.

À titre d'exemple, les satellites peuvent collecter à intervalles réguliers des données sur l'environnement et le climat. Cette couverture aide les entreprises à suivre les résultats de leurs sites ainsi qu'à prévoir et gérer les risques, tout en facilitant les comparaisons entre différentes implantations et activités.

Dans le cadre de cette collaboration, le programme pilote de recherche-développement explorera tout le potentiel de l'utilisation de l'imagerie satellitaire et d'autres données spatiales pour le suivi des projets et l'évaluation des incidences. Des projets pilotes concrets seront mis en œuvre à ce titre. Cela

donnera lieu au lancement d'un appel à projets destiné aux acteurs du secteur. L'initiative, signée ce jour à Luxembourg, vise à renforcer l'intégration de données satellitaires dans les pratiques financières et bénéficiera in fine à des secteurs tels que la banque d'investissement et l'assurance.

Robert de Groot, vice-président de la BEI : « L'espace ne se limite plus à l'exploration, il s'agit de plus en plus de se montrer innovant pour apporter des solutions concrètes. Notre partenariat avec la Luxembourg Space Agency nous permet d'utiliser la puissance des données satellitaires pour améliorer le suivi financier et stimuler le développement durable. Ensemble, nous explorerons et redéfinirons la manière dont les applications spatiales peuvent renforcer l'autonomie stratégique de l'Europe et aider le secteur financier à bâtir

une économie plus résiliente et tournée vers l'avenir. »

Lex Delles, ministre de l'Économie, des PME et de l'Énergie et du Tourisme : « Le secteur spatial stimule l'innovation et la croissance économique au Luxembourg et dans toute l'Europe. Il joue également un rôle déterminant pour notre sécurité dans un monde en mutation rapide. La collaboration nouée avec la Banque européenne d'investissement illustre notre engagement à mettre les technologies spatiales au service de la société et du secteur financier. Ce partenariat témoigne de notre volonté de soutenir l'innovation. Dans ce cadre, nous nous assurons que les activités spatiales en Europe sont durables, sûres et compétitives au bénéfice de tous et toutes. »

Source : ministère de l'Économie / Luxembourg Space Agency / EIB