

European Union Artificial Intelligence Act

AI for Value: Framework for Trustworthy AI
Adoption

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AI & Partners

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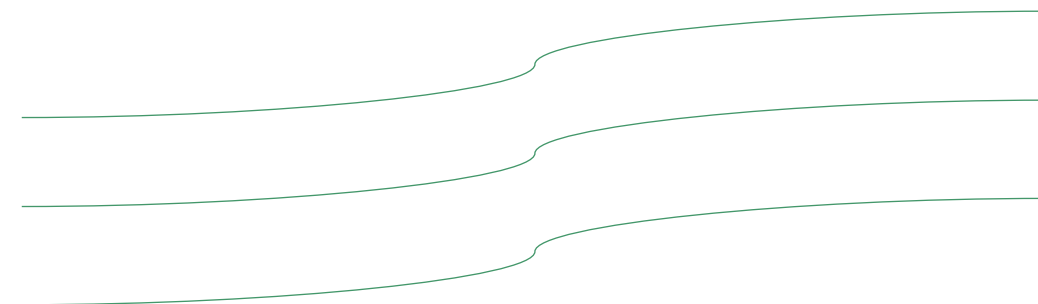
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— Value creation as an elixir to inflection point

In today's world, enterprises of all sizes, nature, scale, and complexity find themselves at an inflection point – one that requires them to prioritize all stakeholders at the centre of their business model. The disruptive landscape of ongoing global crises means that business as usual is no longer an option. In this living scenario of change and challenge, technology innovators are demonstrating globally, across sectors and regions, what the business environment of the future looks like – a model where, inter alia, sustainability and environmental protection coexist with – and reinforce – value creation objectives.

AI Awareness – A catalyst for mass adoption

To materialise value on a grand scale, widespread AI awareness and the strategic, trustworthy deployment of the technology is required – whether integrated into operating models or as a product deployed as a means to operationalise change. Notwithstanding, internal and external barriers remain that prevent technology innovators from adopting AI at scale, hindering their ability to harness its full potential.



For technology innovators, challenges such as regulatory hurdles, skills gaps, access to AI technology along with balancing stakeholder pressures and business objectives can be restrictive to their understanding and deployment of the technology. Conversely, technology organizations and developers have a duty to develop AI capabilities that are ethical, transparent and fair, address global disparities and refrain from exacerbating current biases. This brings about the creation of two-way communication between technology organizations and wider AI ecosystem actors (e.g. regulators) that embeds the concerns of technology innovators, permitting them to influence the product roadmap and guaranteeing that AI capabilities are suitable for value-creating enterprises.

This paper utilises the regulatory pillars of the upcoming European Union (“EU”) artificial intelligence (“AI”) Act (the “EU AI Act”), together with existing AI governance structures, to showcase a strategic roadmap for technology innovators assessing how to include AI in their operations or models in compliance with EU AI Act.

This paper can form the basis enterprises’ work with intermediary partners, stakeholders, clients and other ecosystem collaborators on the further development of training and skill-building toolkits for value creation. Our hope is that the frameworks and roadmaps presented herein, along with relevant external resources made publicly available by corporate collaborators, can help technology innovators achieve the promise of AI-driven value creation.

— Widespread AI awareness alleviates barriers to adoption



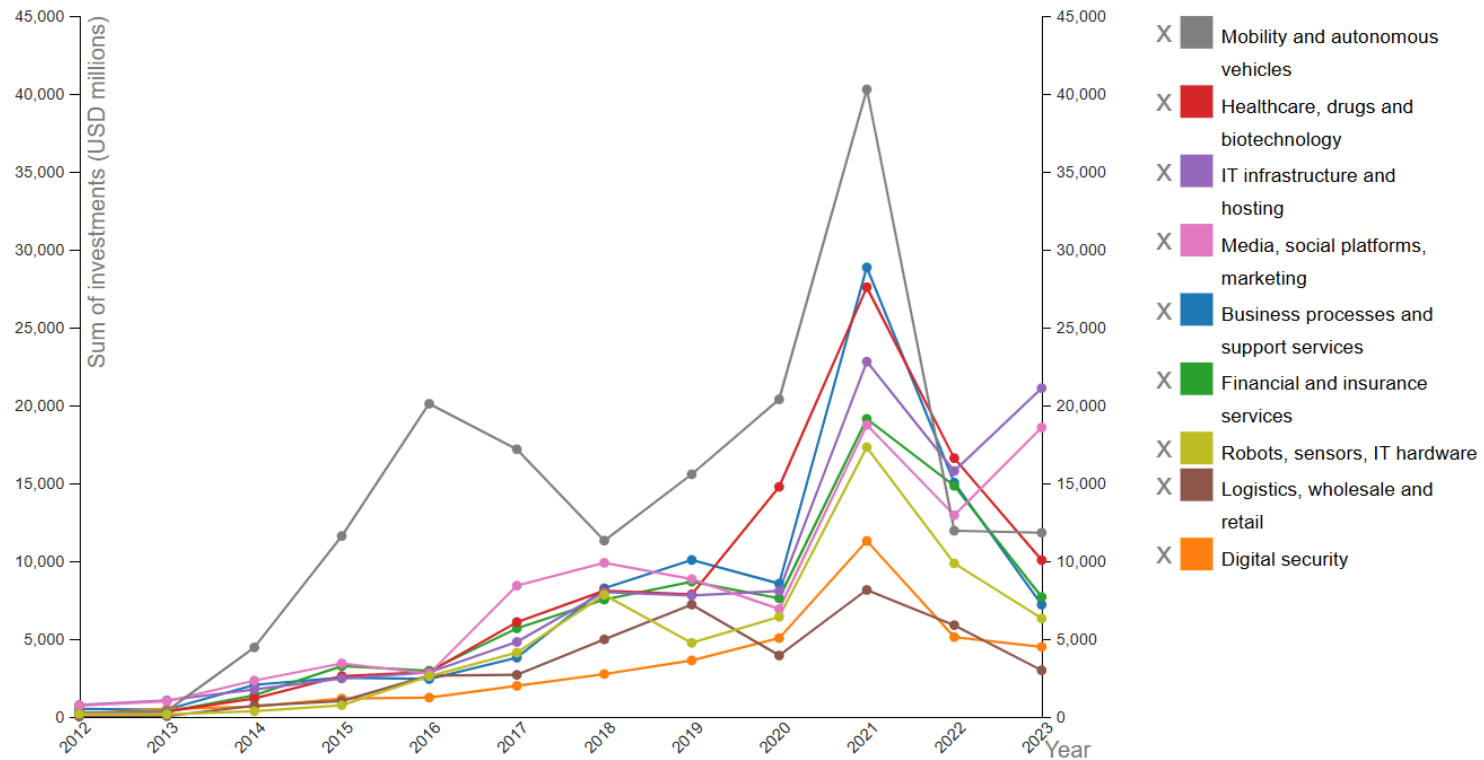
Start small, gain confidence

- The rapid development and uptake of artificial AI capabilities presents a viable solution for technology innovators to overtake structural gaps and scale their solutions.
- Building on an array of publicly available data and research, this paper introduces the AI for Value Framework to guide technology innovators and other organizations through the complex landscape of AI integration under the EU AI Act. The framework encourages enterprises to begin with low-risk, low-cost AI applications and stresses the importance of EU AI Act readiness over mere technological capability. It advocates an iterative but strategically aligned approach with specific evaluation gates for the implementation of AI under EU AI Act.
- The Framework outlines three layers of AI implementation: influence on vision and goals; implementation roadmap; and skills and threats management. Each layer addresses different elements of EU AI Act readiness and potential applications, from vanilla, internal use cases to complex, client-facing deployments. The modular approach allows enterprises to customise their AI strategies to their specific needs and capacities, ensuring that AI adoption is both impactful and value-added.

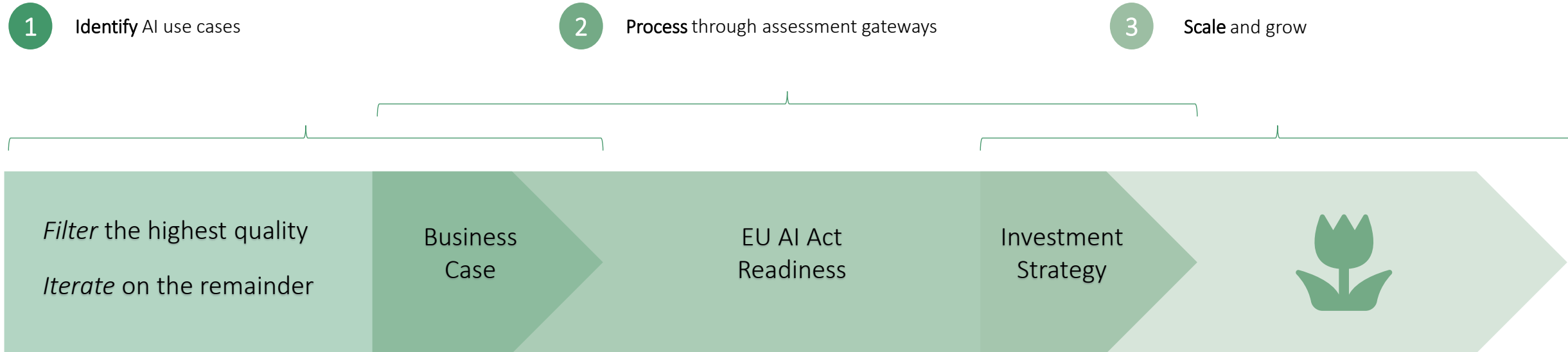
— Cooperation helps tech innovators achieve potential

Support of IT infrastructure showcases long-term growth potential

VC investments in AI by industry (Source: OECD.AI, 2024)

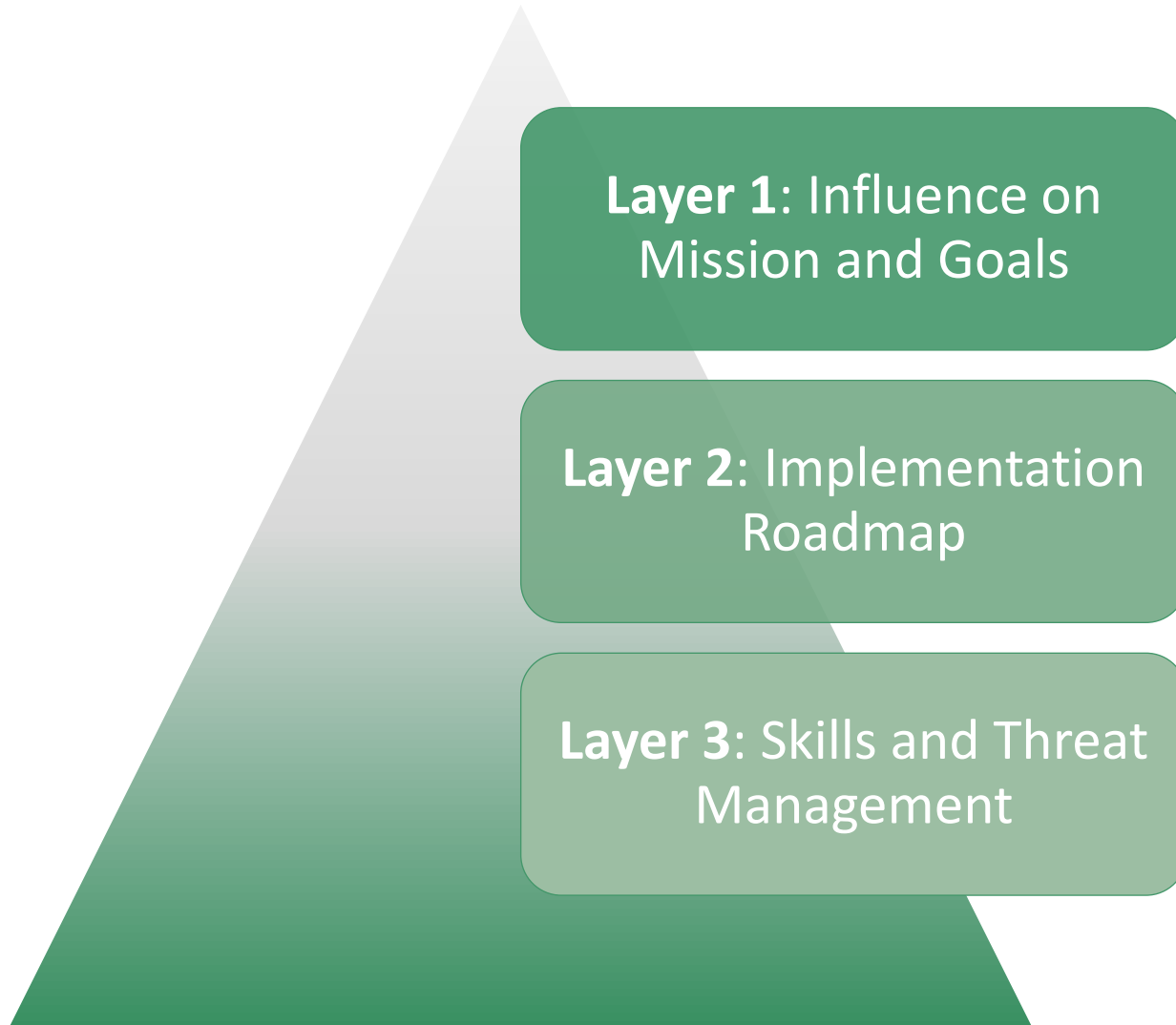


— EU AI Act readiness – driving assessment gateways



Strategic alignment of AI use cases relies on EU AI Act readiness

— Three layer framework for AI adoption



Influence on Vision and Goals

This layer focuses on how actions and decisions align with and impact the overarching mission and strategic objectives of an organization.

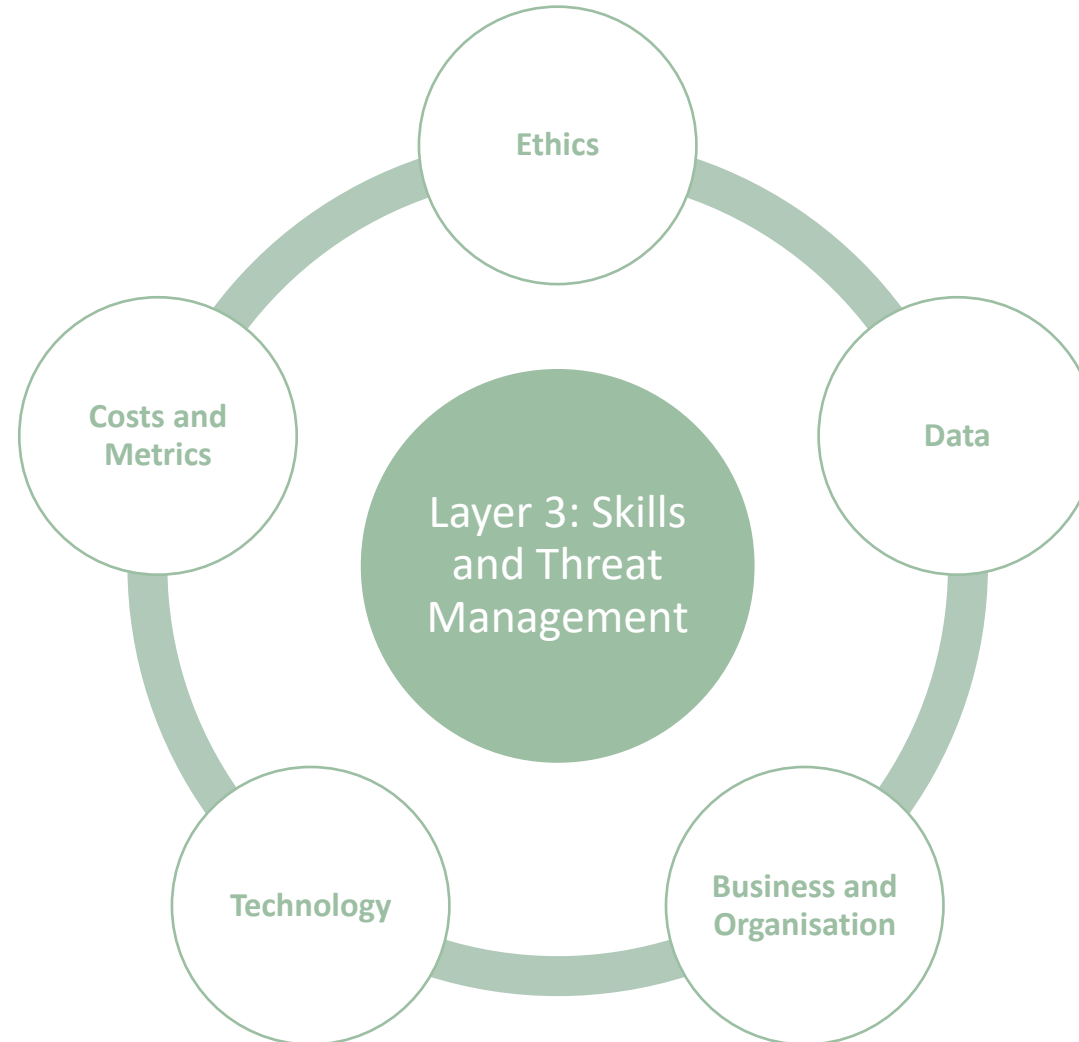
Implementation Roadmap

This layer outlines the step-by-step process and milestones for adopting new initiatives, technologies, or changes within the organization.

Skills and Threats Management

This layer addresses the necessary capabilities and competencies required to achieve goals while also identifying and mitigating potential risks and challenges.

— Skill-sets matter for successful roadmap implementation



Required capabilities mapped to requirements of implementation roadmap

Capability	Details	Implementation Roadmap					
		Assessment and Planning	Design and Development	Approval and Buy-in	Implementation and Integration	Evaluation and Optimisation	Sustainability and Scaling
Skills Assessment	Identify the skills and competencies required for the new initiative.	Relevant	Relevant	Relevant	Not applicable	Not applicable	Not applicable
Training and Development	Create a comprehensive training program to upskill employees.	Not applicable	Relevant	Not applicable	Relevant	Relevant	Relevant
Risk Identification and Analysis	Identify potential risks associated with the initiative.	Relevant	Relevant	Relevant	Not applicable	Not applicable	Not applicable
Mitigation Strategies	Develop strategies to mitigate identified risks.	Not applicable	Not applicable	Not applicable	Relevant	Relevant	Relevant
Monitoring and Review	Continuously monitor for new and evolving risks.	Not applicable	Not applicable	Not applicable	Relevant	Relevant	Relevant

Skill or threat not applicable for this part of implementation roadmap

Relevant skill or threat for this part of implementation roadmap

— Emerging strategies for effective Trustworthy AI Engagement



Technology Innovators to set tone of Trustworthy AI adoption

Technology innovators are spearheading the AI revolution, applying it in sectors such as healthcare, education, finance, and law to significantly boost their impact on complex business challenges. Their approach, as outlined in the Framework, sets a standard for trustworthy AI integration across sectors, emphasizing the balance between EU AI Act readiness, ethical considerations and potential benefits.

AI has cross-sectoral application

These pioneers highlight that AI's reach extends beyond commercial uses, significantly enhancing how enterprises tackle global macroeconomic and geopolitical issues when aligned with a clear mission. The Framework captures these practices, offering an iterative approach to AI implementation and a robust methodology to map AI initiatives value goals along the varying degrees of adoption. It offers best practices that can assist AI adoption regardless of industry and encourages enterprises at all stages of readiness to deploy AI for impact in a way that fits their current understanding of the technology.

— Thank you!



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