



# KPMG insights on the AI Blueprint for Intelligent Economies

Bringing together governments, technology organizations, commercial enterprises, and academia through a AI framework



KPMG International

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# From blueprint to reality:

AI transformation for inclusive growth



An intelligent economy leverages AI for growth, helping ensure inclusivity through equitable technology access, education, and opportunities, fostering innovation while aiming to reduce disparities.

The World Economic Forum's AI Governance Alliance (AIGA), an international group of some of the world's most advanced technology companies and investors, identified the need for an Inclusive AI for Growth and Development Initiative to enable the economic benefits of AI to be shared across all countries and regions.

In June 2024, KPMG began collaborating with the World Economic Forum to support this initiative. The culmination of our concerted efforts is a global AI Blueprint published in the Forum's report entitled: **Blueprint for Intelligent Economies — AI Competitiveness through Regional Collaboration**.

## Building the Foundations

Investment in new power grids, data centers, modern digital networks and devices enable the benefits of AI to be widely accessible. High-quality data is essential for developing, training, and fine-tuning unbiased AI models. Private sector AI investment can power a thriving AI ecosystem, complementing public sector funds.

## Growing New Intelligent Economies

As AI becomes embedded in application workflows, physical devices, robotics, and combined with other advanced technologies, it can lead to a significant transformation in how economic activities are undertaken. AI is expected to make a profound impact across every sector and industry, from farming and manufacturing to finance and healthcare.

## Putting People and Trust at the Heart

AI has the potential to significantly elevate human potential and improve quality of life, removing obstacles for obtaining knowledge and automating many manual and repetitive tasks. Robust ethical and regulatory frameworks for AI are essential to help ensure that it benefits society, whilst reducing risk of misuse, bias, ethical breaches and security risks.

# The blueprint serves as a high-level framework for international strategic decision-making

1

## **Governments**

can use the blueprint to plan national AI strategies, setting policy, facilitating funding, research and ensuring equitable AI access and education.

2

## **Technology organizations**

can use the blueprint to prioritize their collaboration with governments and to position major investments they make in social responsibility.

3

## **Commercial enterprises**

of all sizes, across all sectors, can drive intelligent economies, embedding AI within all parts of their operating models and evolving their business models.

4

## **Academia**

bridges the gap between pioneering research, education programs, and large-scale practical applications in partnership with government and industry.

## Governments collaborating to build intelligent economies



The rapid economic transformation driven by AI presents challenges, especially to developing economies. The framework represents the journey to adopting AI across the economy as a wave of increasing maturity and value. Every country and region should build their maturity at their own pace. In reality, different parts of any economy will likely be at different phases of maturity at any one point in time.



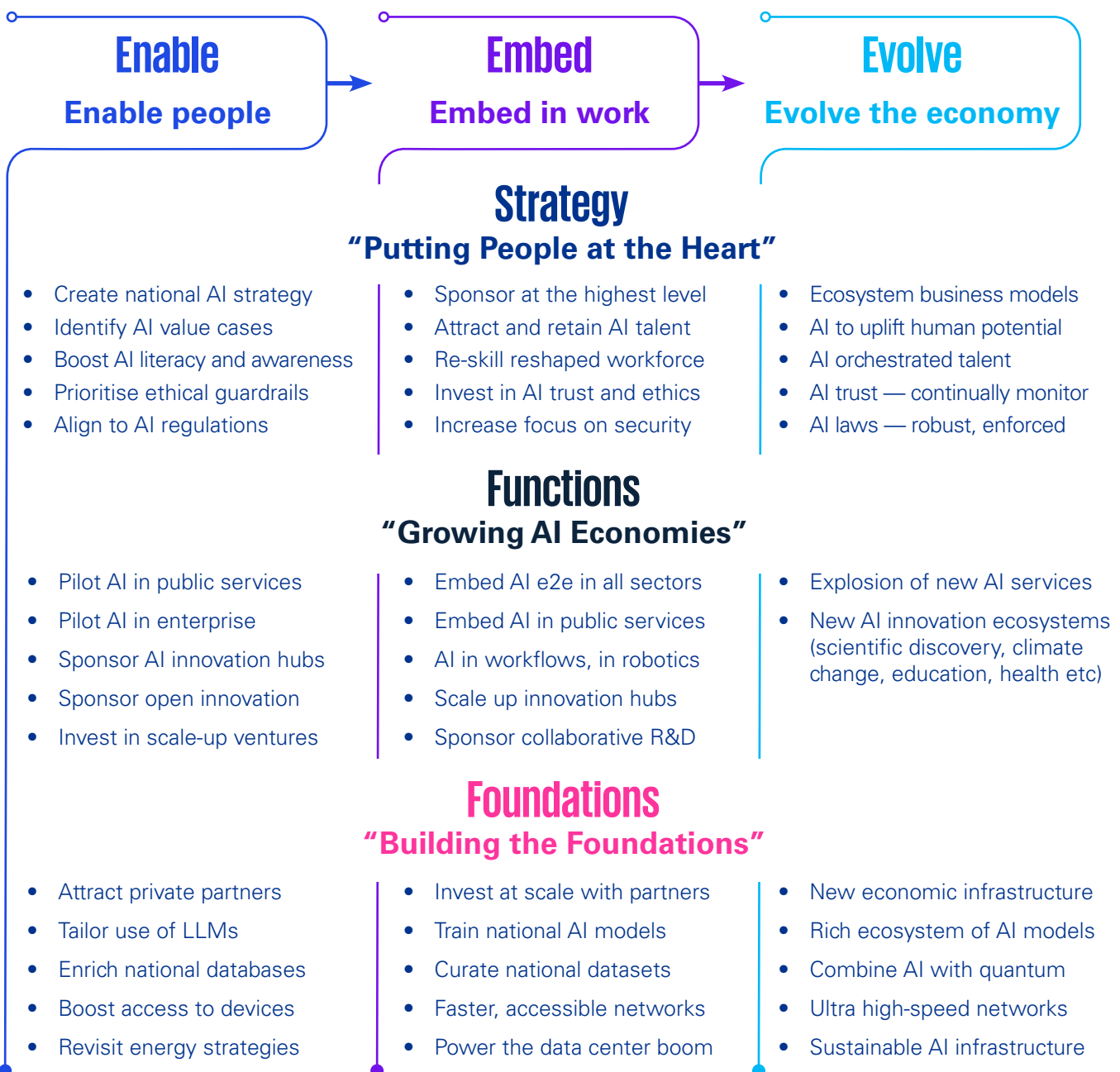
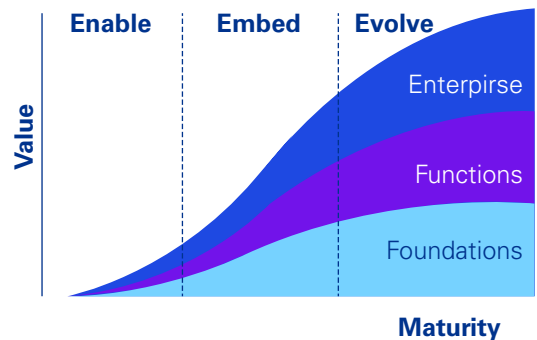
Developing economies often face challenges related to access to capital and infrastructure but may enjoy significant entrepreneurship, talent or policy advantages. That may lead to a focus on capabilities that unlock those advantages and address the core challenges by developing regional investment pools or public-private partnerships (PPPs).



The velocity of the development of an intelligent economy will depend on many factors, including availability of funding for baseload energy supply, ease of access to expensive computing infrastructure, the inclusion of national and multilingual data in model training, and the cost and general availability of AI-ready devices.

# The maturity of intelligent economies builds like a wave

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# Practical steps to navigate the journey to an intelligent economy

Through our work with the World Economic Forum's AI Governance Alliance, and engagement with national AI policy makers and enterprises, KPMG has developed a practical understanding of the steps that can be taken by governments and businesses to navigate the journey to an intelligent economy.

## Enable

Ensure strong sponsorship by securing executive-level sponsorship to align resources, prioritize investments, and build momentum for AI integration.

Assess readiness by conducting a comprehensive audit of data, infrastructure, skills, and governance to identify AI adoption gaps.

Identify valuable use cases by prioritizing high-impact, feasible AI applications by aligning opportunities with organizational goals, pain points, and industry trends.

Establish guardrails by creating ethical, regulatory, and security frameworks to guide responsible and transparent AI development and deployment.

Upskill the workforce by launching targeted training programs to build AI literacy and technical expertise across leadership and operational teams.

Develop data foundations by implementing systems for data governance, quality, diversity, and accessibility to help ensure AI-readiness.

Countries also seek to attract inward investment from technology organizations and institutional investors, and plan the significant efforts to build the foundations — including the energy, internet connectivity and data center infrastructure.

## Embed

Invest in trust and through ethical AI frameworks and attract top talent by fostering a culture of innovation and purpose.

Deploy scalable use cases by rolling out AI solutions tested during pilots across departments, helping ensure scalability and measurable impact.

Foster cross-functional collaboration by establishing teams that integrate business, technology, and data expertise to maximize AI's potential across value streams.

Embed AI into value streams, experiences and core process workflows to enhance efficiency and help drive better outcomes.

Embed AI in applications by incorporating AI and agents within software, devices and robotics to unlock new levels of operational efficiency.

Invest in scalable compute, high-speed connectivity, and secure, sustainable infrastructure foundations for AI.

Harness private sector investment to fund the new foundations and partner with technology organizations, energy and utility providers and the financial services sector.

## Evolve

Use AI to integrate the economic activities within key sectors including agriculture, banking, health, energy, transport, and city planning, where AI integrates systems, stakeholders, and data to enhance collaboration, decision-making, and innovation.

Strengthen trust frameworks in real time by building platform-based systems to monitor, enforce, and adapt trust, safety, and regulatory standards dynamically as AI systems evolve.

Empower teams with AI-driven tools to augment creativity, decision-making, and problem-solving capabilities across functions.

Scale dynamic AI systems by designing adaptive, self-learning AI models that can evolve in real-time to meet changing demands and opportunities.

Invest in breakthrough innovations and direct AI research to address complex global challenges, such as sustainability, healthcare, and education.

Integrate AI with other frontier technologies, for example quantum computing, advanced visualization, and synthetic biology for scientific breakthroughs and to enable revolutionary capabilities like real-time simulations, predictive design, and hyper-personalization.

## Importance of partnerships on this journey

Economic transformation with AI requires a collaborative approach between countries and regions — and cooperation between the public and private sector. National and regional AI strategies must be developed to bring together, governments, technology firms, large and small enterprises, investors, entrepreneurs and wider civic society. PPPs and academic collaboration are particularly important ways to accelerate the development of successful AI ecosystems.

# How KPMG can help

KPMG offers a broad suite of propositions, tailored to help clients successfully navigate their AI transformation journeys.

## KPMG integrated enterprise AI

We help governments and enterprises to transform organizations with AI at scale. This integrated proposition starts with strategy, identifies value, plans and delivers AI enabled change to enhance the flow of value delivered through value streams and functions and helps orchestrate the AI tech enablement.

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## KPMG AI Strategy

We help clients to make a strong initial start with the first phase of their AI transformation journey. We establish strategies and create high value use cases to determine how much value is created for the enterprise or public service.

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## KPMG Elevate

KPMG provides deal assessment and value creation strategies, which uses deep insights and benchmarks to model the AI value creation opportunities.

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## KPMG AI Workforce

The shape of workforces will likely change and adapt through the stages. To uplift human potential with AI, our teams help shape workforce designs, learning academies and culture and change initiatives, including workplace support.

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## KPMG AI Trust

KPMG has been a global leading provider of risk and compliance services for decades. We now provide leading AI services to establish responsible, ethical, transparent, and safe AI.

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## KPMG AI Technology

KPMG has experience in AI model development, data for AI, infrastructure for AI and building AI factories to help embed intelligence in workflows.

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Designed by Evalueserve.

Publication name: KPMG's Perspective on the AI Blueprint for Intelligent Economies

Publication number: 139777-G | Publication date: January 2025