

The AI innovation opportunity in France



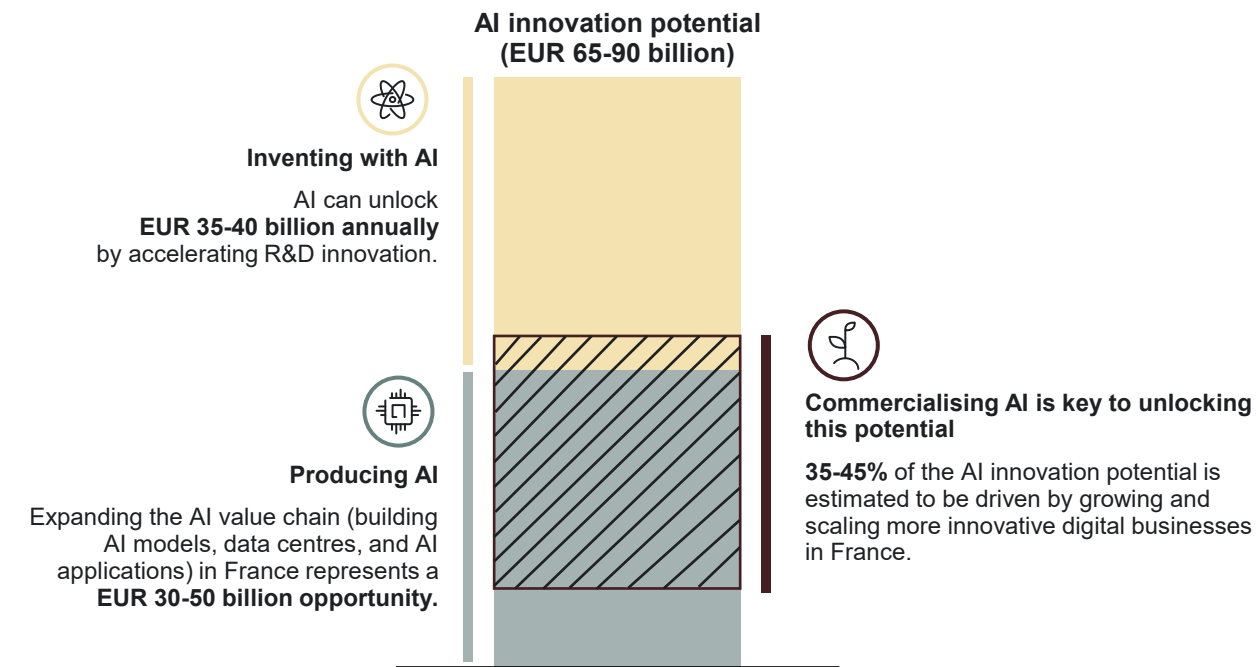
A new economic report developed by Implement Consulting Group with Antonin Bergeaud and produced in collaboration with Google

The economic potential

Accelerating AI innovation can unlock an annual economic boost of EUR 90 billion for France

France can both produce more AI and use AI more for inventions. Producing more AI in France is a **EUR 30-50 billion opportunity** of which the majority (70%) is estimated to be in AI applications and services. Inventing more with AI can unlock another **EUR 35-40 billion** in annual economic value to a combined EUR 65-90 billion. **Commercialising AI at scale will be key to realising** this potential, of which 35-45% is estimated to be driven by innovative digital businesses.

GDP potential in 2034 EUR billion



Producing AI

70% of France's AI production potential is in applications and services



Inventing with AI

10-20% more efficient R&D processes with AI



Commercialising AI

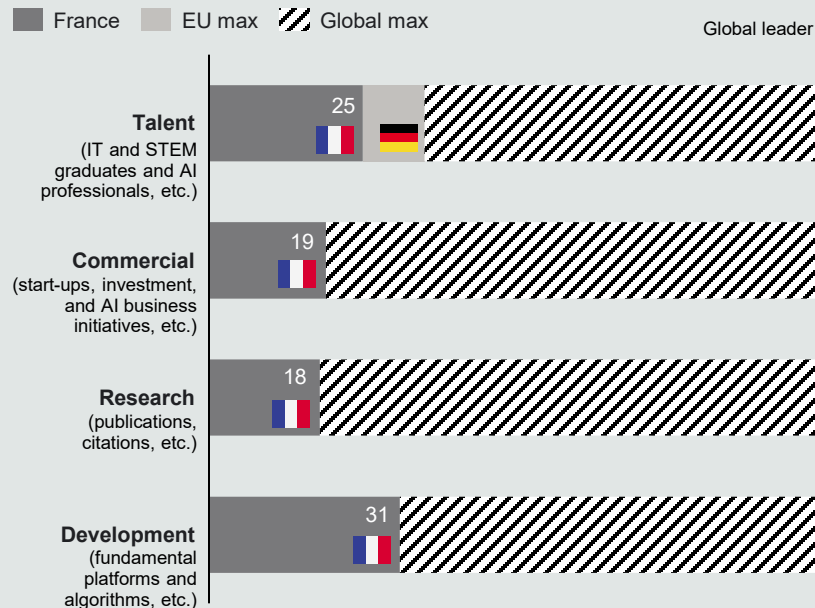
130% higher productivity in successful, innovative digital businesses



France is well-positioned in AI innovation, but further efforts are needed to boost its potential

France's AI capacity according to the Tortoise Global AI Index, 2024

Global AI Index, score out of 100 (global leader)



France is at the forefront of AI innovation in Europe, excelling in commercial activity, research, and development.

The French government aims to position France as a global AI leader, developing a leading research ecosystem and deploying AI across key sectors.

Despite promising initiatives, further efforts are required to strengthen innovation.

Policy recommendations

France can harness its AI strengths by leveraging five key enablers...

→ Encourage AI investment

- Streamline and consolidate public R&D funding.
- Support startups with expanded grants and joint public procurement to accelerate their growth.
- Reduce bureaucracy while promoting a more integrated European single market to attract private capital.

→ Develop infrastructure

- Increase the capacity of data centres and modernise electrical grids.
- Clarify regulations for setting up data centres and simplify construction permits.
- Strategically guide the expansion of EU supercomputers.

→ Cultivate AI talent

- Establish public-private partnerships to align skills with industry needs.
- Offer training vouchers and targeted programmes for SMEs to improve workers' skills and embed AI into operations.

→ Accelerate research-to-industry transfer

- Facilitate academic spin-offs by simplifying intellectual property negotiations and reducing costs for researchers embarking on entrepreneurship.
- Introduce an AI-related grant system tied to formal collaborations with universities or public research labs in France or Europe.

→ Implement a supportive regulatory framework

- Support the simplification of European regulations for companies of all sizes.
- Maintain a balanced copyright regime for AI development.
- Make pro-innovation initiatives the new strategic priority.



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