

The economic opportunity of

Generative AI in Ireland

The economic opportunity

The boost to Ireland's GDP from generative AI around ten years from now, if widespread adoption is achieved.

40-45

BILLION EURO
ANNUAL IMPACT

+8%

GDP

Gains come from:



Productivity boost from people working with generative AI.



Freed-up time when generative AI helps to automate our work.



Re-prioritised and re-employed time to other value-creating activities.

The job implications

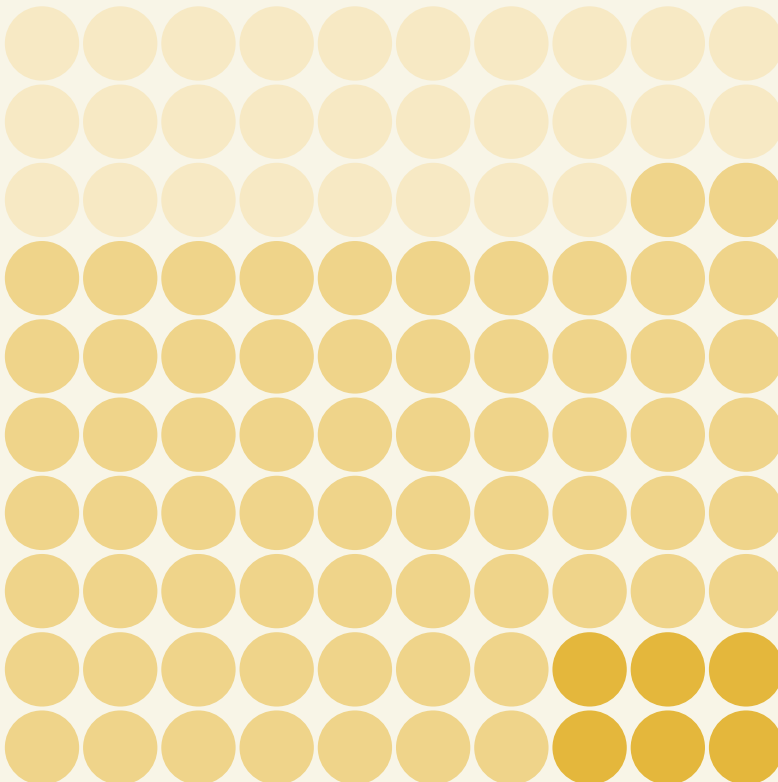
No automation



AI as a complement



Partial or full displacement



28%

of jobs in Ireland are likely to remain unaffected by generative AI.

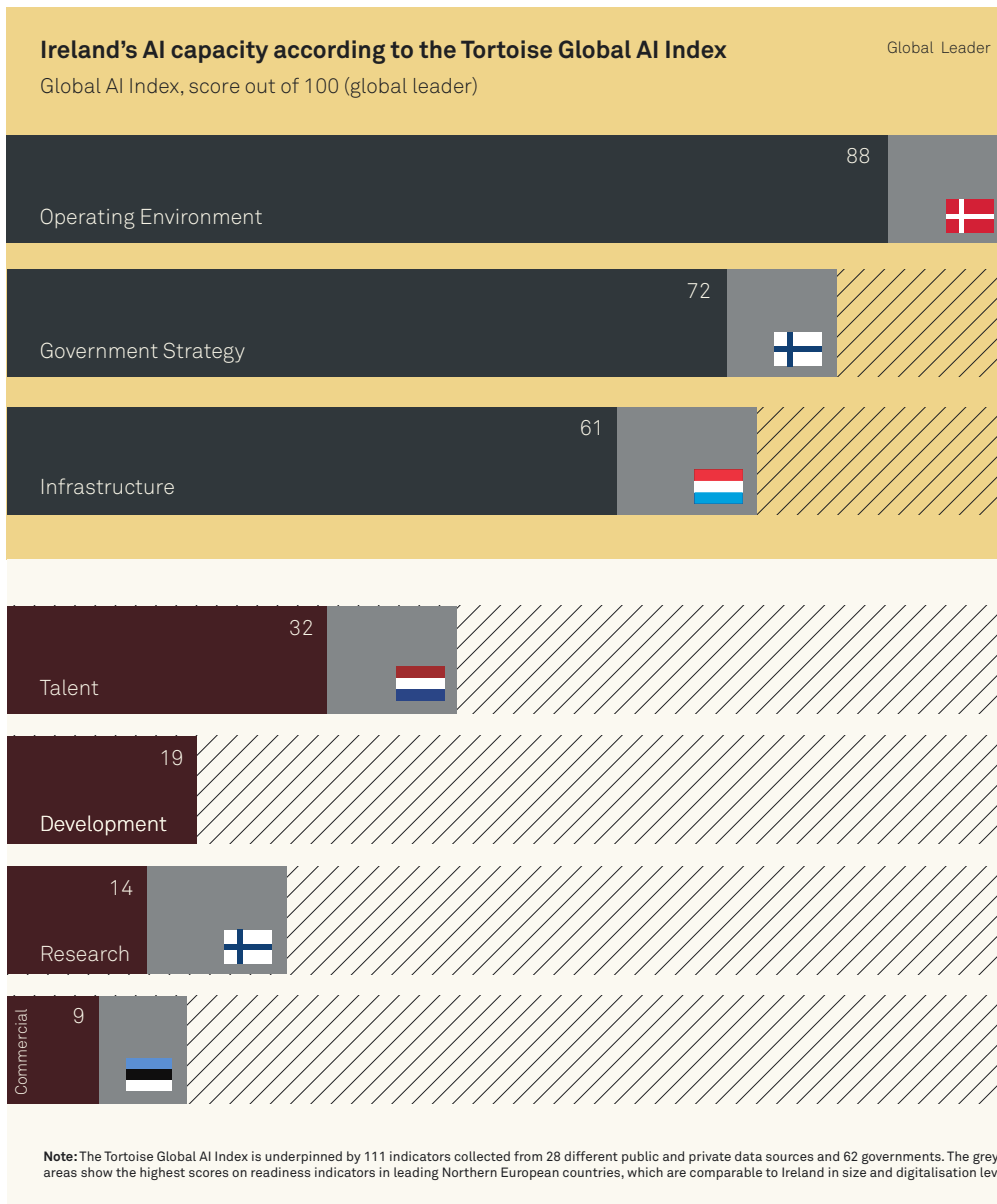
66%

of jobs are expected to work together with generative AI and see a boost in productivity.

6%

of jobs are estimated to be highly exposed to generative AI, leading to some job closures. However, the productivity boost from generative AI is expected to create new jobs replacing those lost to automation.

AI readiness in Ireland



Adoption drivers

Ireland is well positioned on the early foundational drivers of AI adoption that ensure a safe and reliable AI-ready environment, scoring high on operating environment for AI (e.g. trust, data governance), government strategy and infrastructure.

Innovation drivers

Similar to the other Northern European frontrunners, Ireland lags behind globally on AI innovation drivers (talent, research, development and commercialisation).

Current gaps suggest that Ireland is at risk of losing its frontrunner position and needs to focus on strengthening its strategic efforts in AI and the AI-related innovation drivers.

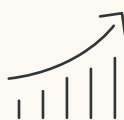
The policy implications

Capturing the full economic gains requires innovation capabilities and a conducive regulatory framework to enable:



Growing R&D by local innovators

Enable innovation and invest in AI research and development.



Accelerating commercial uptake

Promote widespread adoption and universal accessibility.



Retraining and upskilling workforce

Build human capital and an AI-empowered workforce.

