

The economic opportunity of

Generative AI in Estonia

The economic opportunity

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

2.5-3

BILLION EURO
ANNUAL IMPACT

+8%

GDP

Gains come from:



Productivity boost from people working with generative AI.



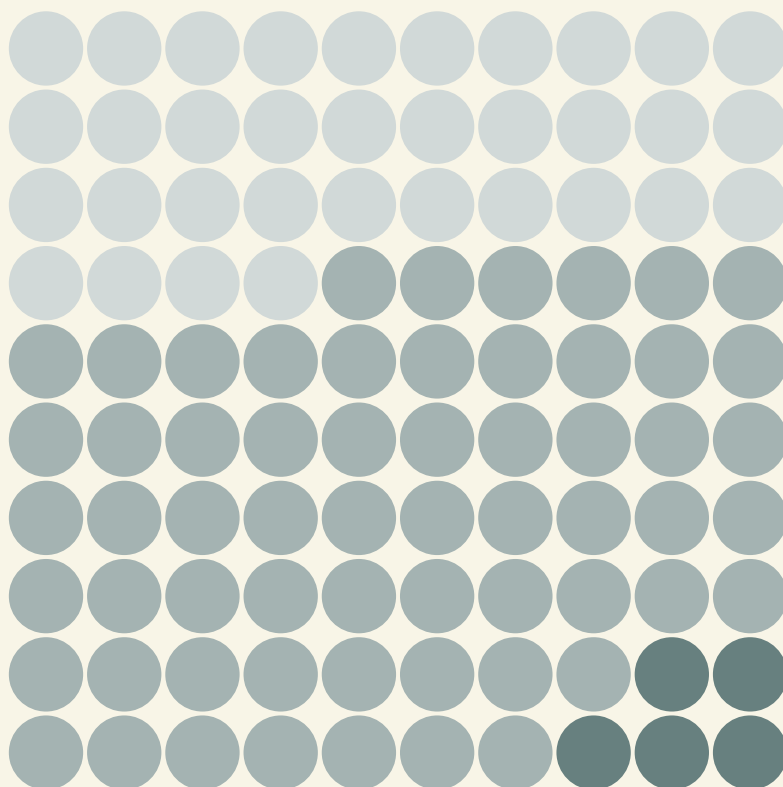
Freed-up time when generative AI helps to automate our work.



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

The job implications

No automation
AI as a complement
Partial or full displacement



34%

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

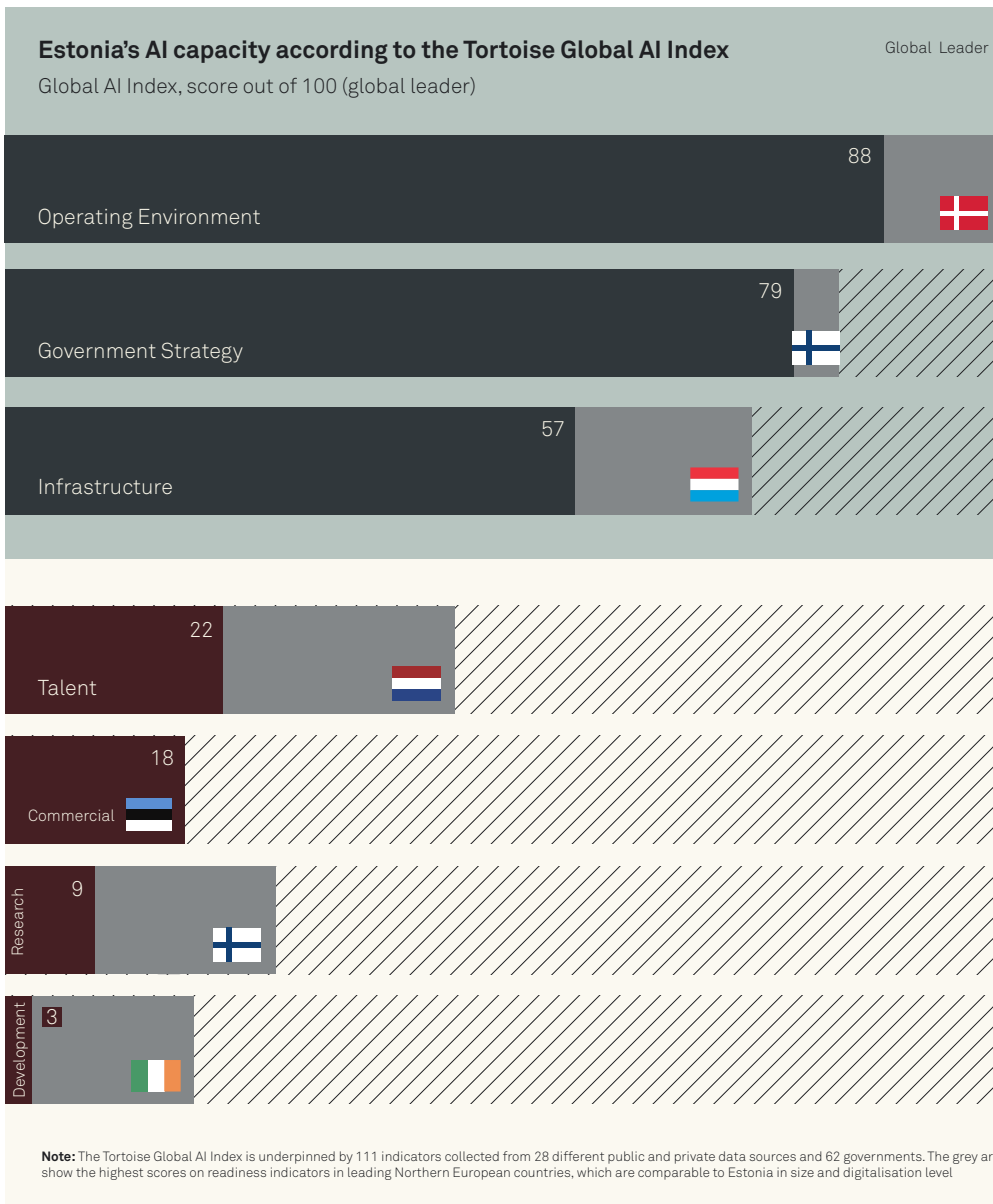
61%

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

5%

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 Estonia



Adoption drivers

Estonia is well-placed for generalised AI use and early phases of adoption.

Innovation drivers

Estonia is challenged in being innovators of more specialised AI applications.

Despite its active commercial environment, Estonia lacks AI-related talent and R&D capacity, potentially hindering its ability to capture the full benefits of AI

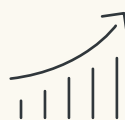
The policy implications

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.

