

The economic opportunity of

# Generative AI in Portugal

## The economic opportunity

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

**18-22** BILLION EURO ANNUAL IMPACT

**+8%** GDP

Gains come from:



Productivity boost from people working with generative AI.

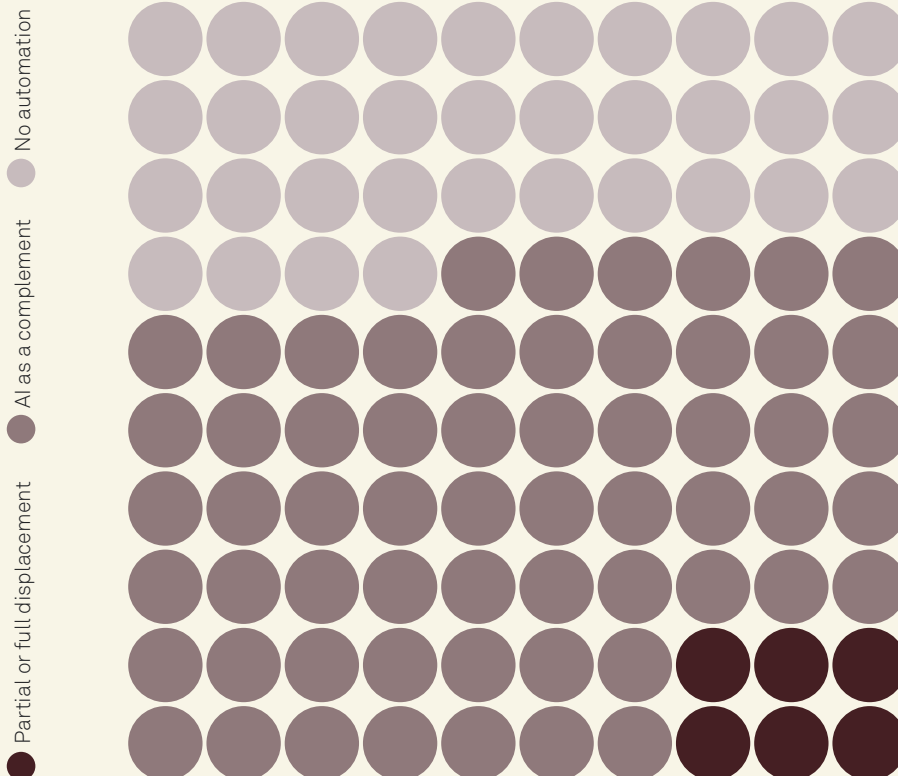


Freed-up time when generative AI helps to automate our work.



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

## The job implications



**34%**

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

**60%**

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.

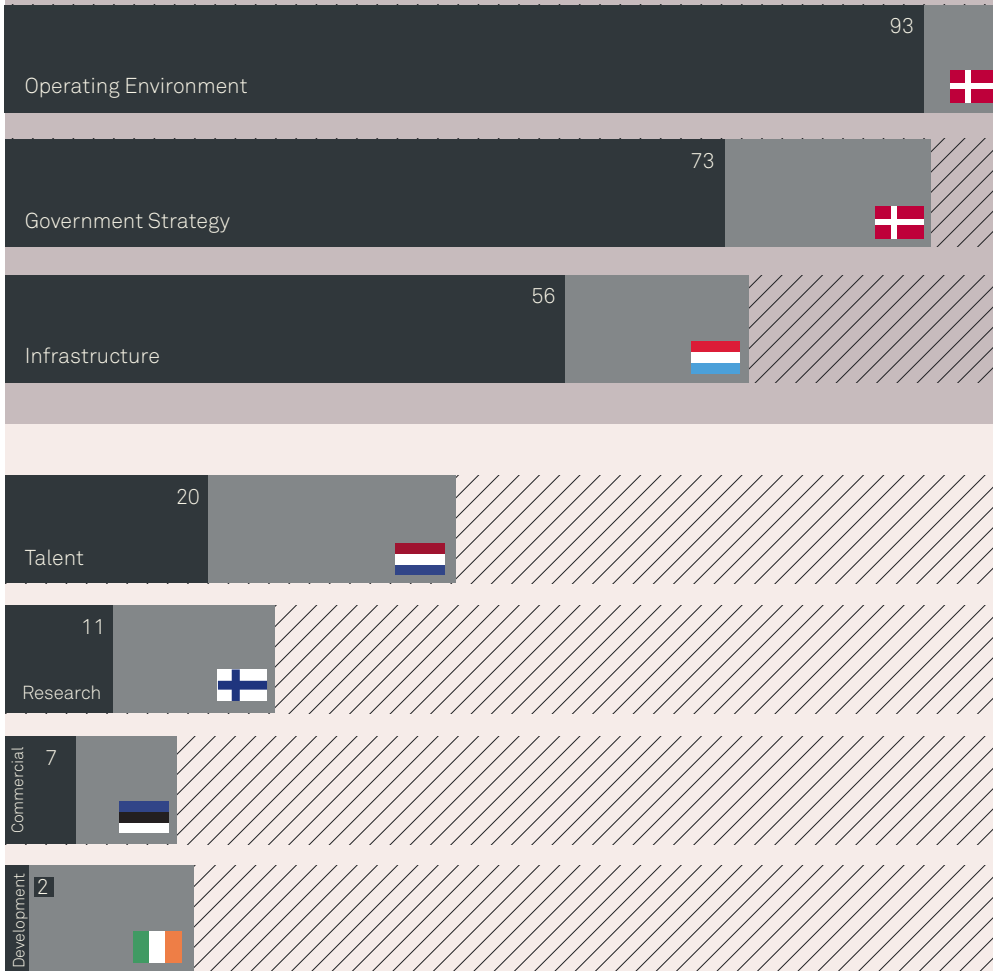
# AI readiness in Portugal

## Portugal's AI capacity according to the Tortoise Global AI Index

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

Global leader

Portugal
  D9+ maximum
  Global maximum



**Note:** The Tortoise Global AI Index is underpinned by 111 indicators collected from 28 different public and private data sources and 62 governments. The grey areas show the highest scores on readiness indicators in the D9+ group (Finland, Denmark, the Netherlands, Sweden, Ireland, Spain, Luxembourg, Estonia, Portugal, Belgium, the Czech Republic and Poland).

## Adoption drivers

Portugal is generally well placed for generalised AI use but could strengthen its government strategy and AI infrastructure.

## Innovation drivers

Portugal is challenged in terms of being an innovator of more specialised AI applications and falls significantly behind peers on talent.

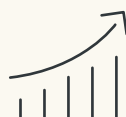
## The policy implications

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.

