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AUSTRALIA NEEDS REGULATORY CERTAINTY FOR ARTIFICIAL INTELLIGENCE

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To realise the productivity potential artificial intelligence, the Australian Government must provide regulatory certainty.

To realise the productivity potential of artificial intelligence (AI), the Australian Government must provide regulatory certainty, according to a new paper by the University of Technology Sydney (UTS) Human Technology Institute (HTI) and e61 Institute.

The HTI-e61 paper outlines the three main choices available to the Australian Government in approaching regulation for Al:

- a deliberately permissive approach, encouraging companies to 'let it rip'
- a prescriptive approach, where companies use of Al is tightly controlled
- a pragmatic approach that prefers technology-neutral regulation.

The HTI-e61 paper identifies the third approach as the most effective way of adopting Treasurer Jim Chalmers' preferred "middle course" for AI – one that pays proportionate attention both to AI opportunities and harms.

"Good regulation for AI fosters productivity by providing regulatory certainty for business, making AI products and services more trustworthy for consumers, and supporting the workforce through a major technological transformation," said Professor Nicholas Davis, HTI Co-Director and former Head of Society & Innovation at the World Economic Forum.

"Being passive on regulation would invite the worst of all worlds: increased Al adoption wouldn't drive significant productivity growth, yet harms associated with Al also wouldn't be appropriately addressed."

"Australia's regulatory approach for Al should ensure that economic benefits don't just flow to big tech companies based overseas. Productivity dividends should be shared fairly among the Australian community and business, and harms associated with Al must be addressed effectively in law," said Professor Edward Santow, HTI Co-Director and Australia's former Human Rights Commissioner.

"Regulatory uncertainty increases risk for long-horizon, cross-functional Al investments. It risks delaying and distorting capital spending and encouraging short-termism," said Michael Brennan, CEO of the e61 Institute, and former Chair of the Productivity Commission.



Al, productivity and regulation

Download the report on artificial intelligence, productivity and Australia's choice of regulatory framework.

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ACKNOWLEDGEMENT OF COUNTRY

UTS acknowledges the Gadigal people of the Eora Nation, the Boorooberongal people of the Dharug Nation, the Bidiagal people and the Gamaygal people upon whose ancestral lands our university stands. We would also like to pay respect to the Elders both past and present, acknowledging them as the traditional custodians of knowledge for these lands.

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