



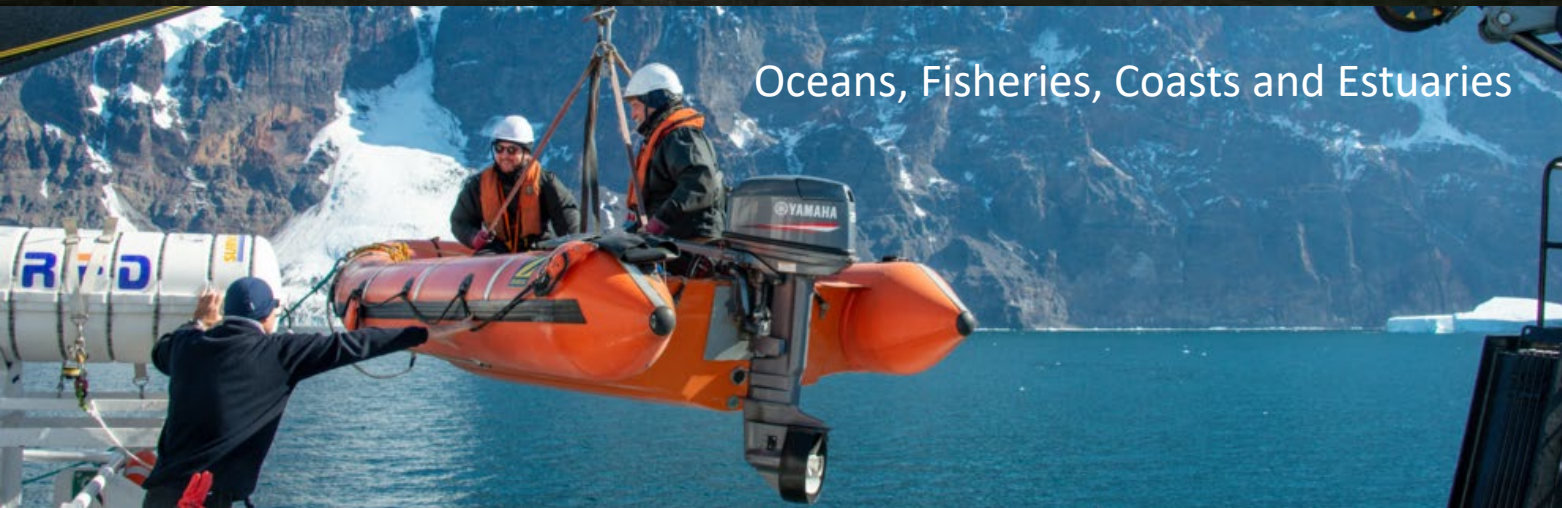
NIWA

Taihoru Nukurangi

Climate, Freshwater & Ocean Science



Atmosphere & Climate



Oceans, Fisheries, Coasts and Estuaries



Freshwater
& ecosystems

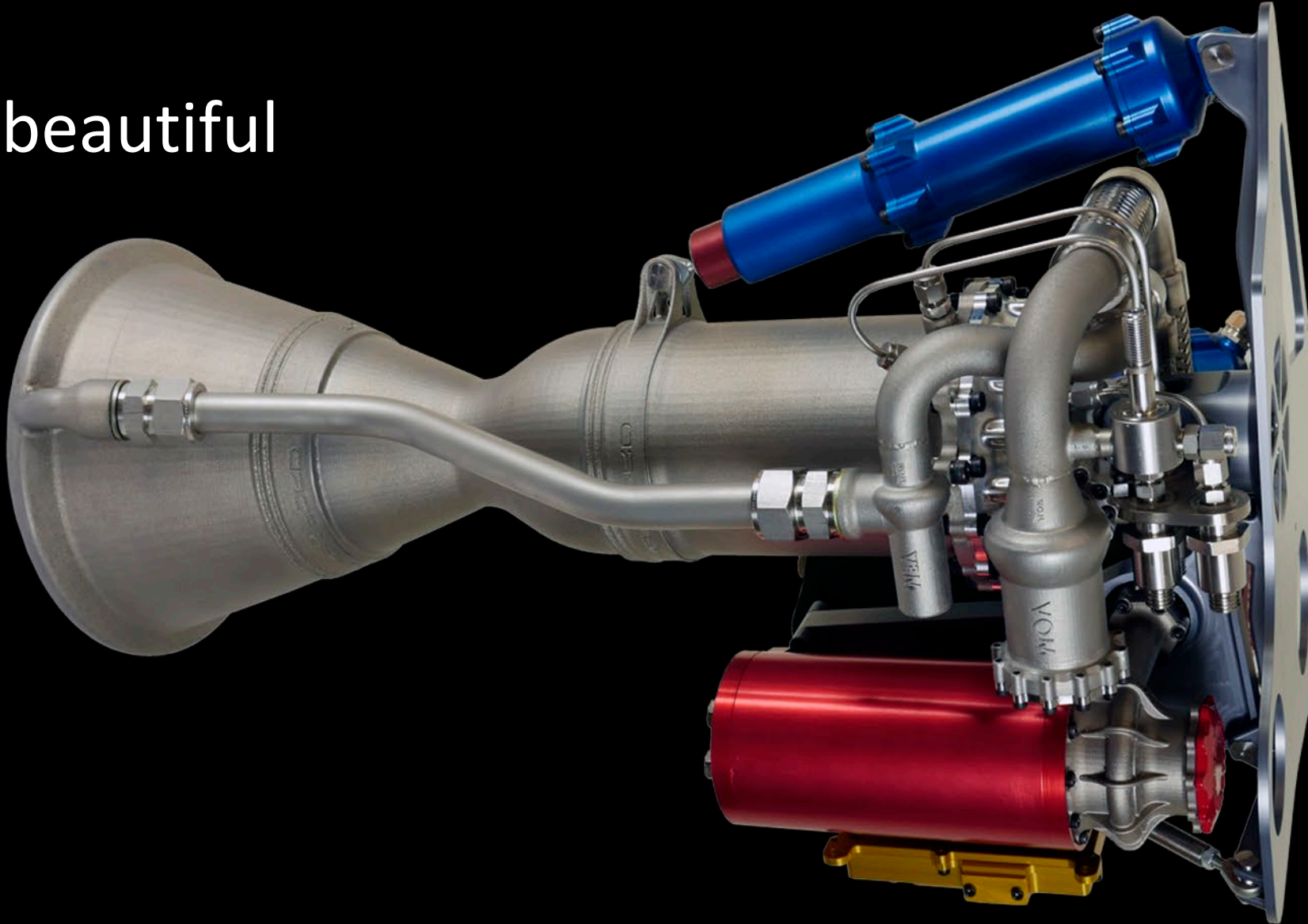


Advanced technology



Science infrastructure

Small Is beautiful





Version as at 28 November 2023



Outer Space and High-altitude Activities Act 2017

Public Act 2017 No 29

Date of assent 10 July 2017

Commencement see section 2

Note

The Parliamentary Counsel Office has made editorial and format changes to this version using the powers under [subpart 2](#) of Part 3 of the Legislation Act 2019.

Note 4 at the end of this version provides a list of the amendments included in it.

This Act is administered by the Ministry of Business, Innovation, and Employment.

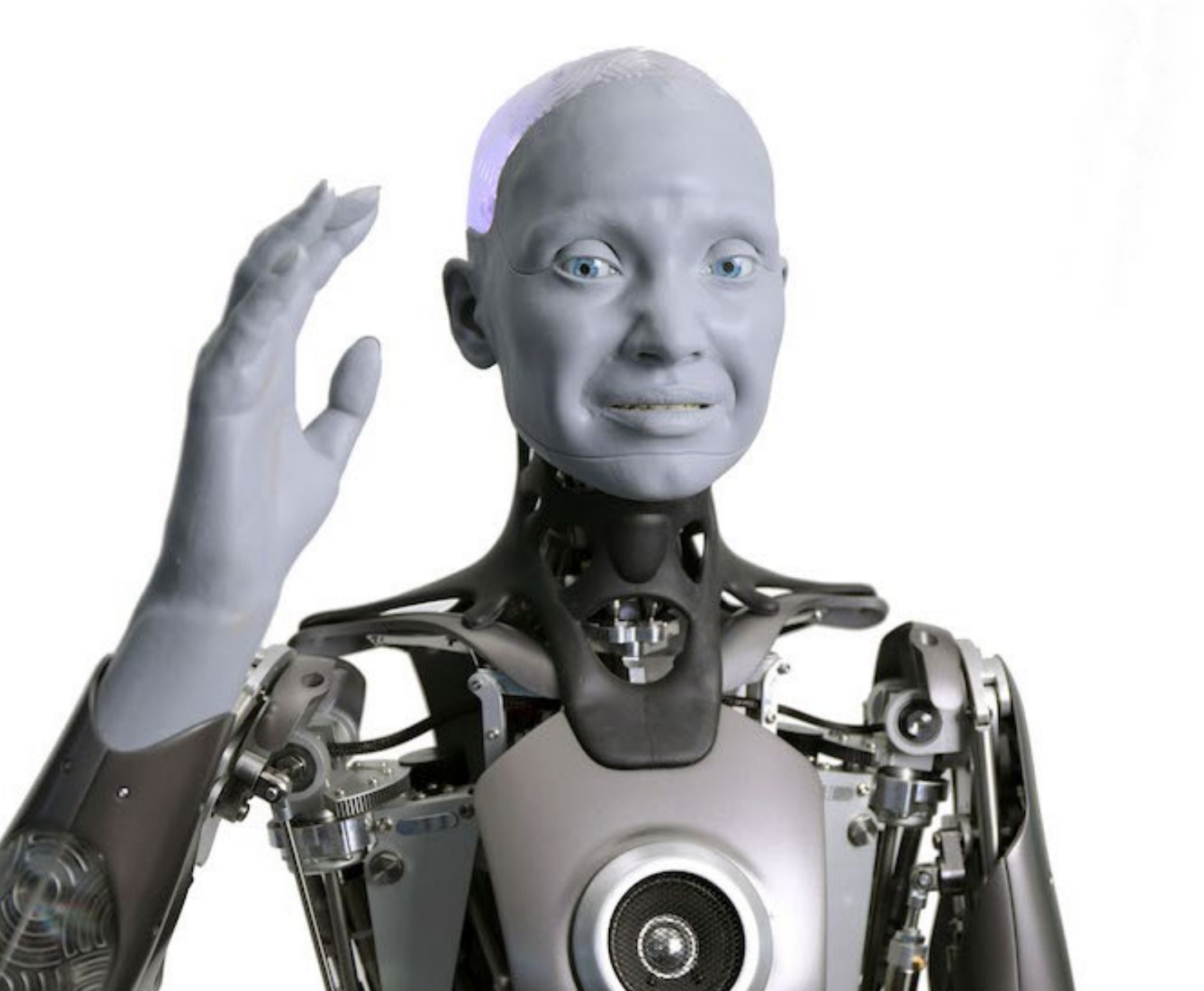
Contents

- [1](#) [Title](#)
- [2](#) [Commencement](#)

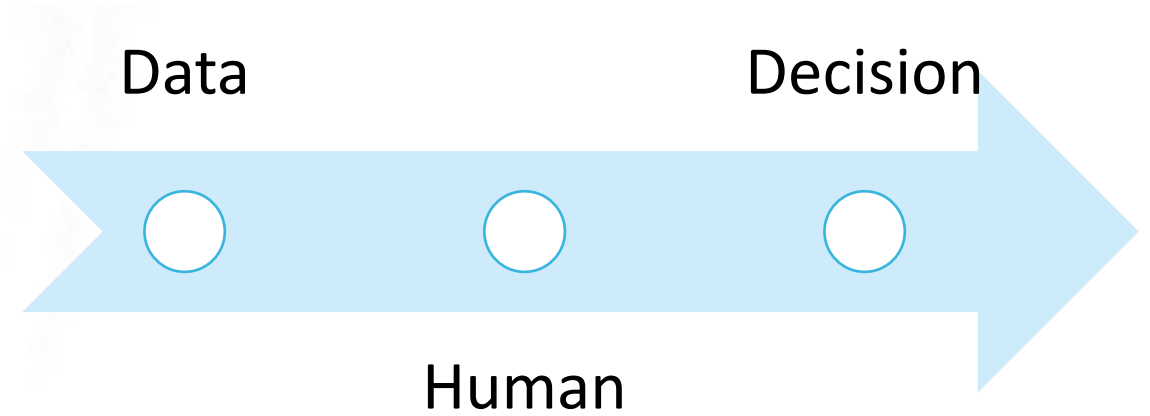
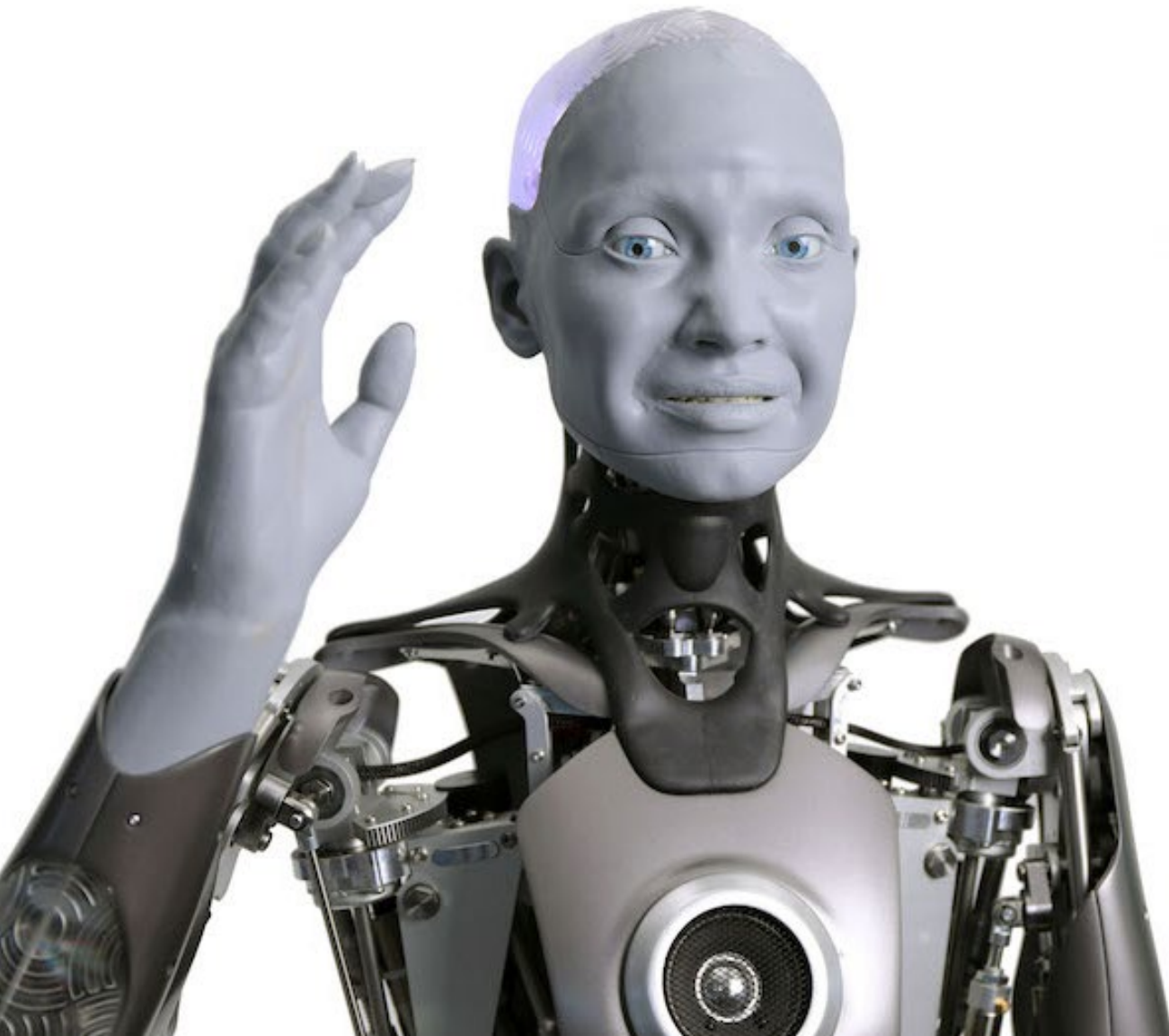
Part 1

Preliminary provisions

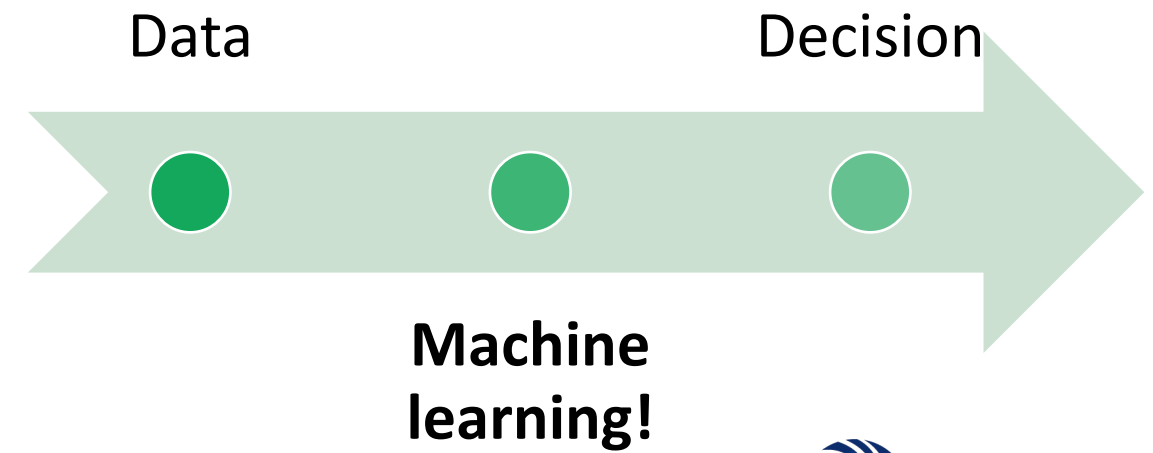
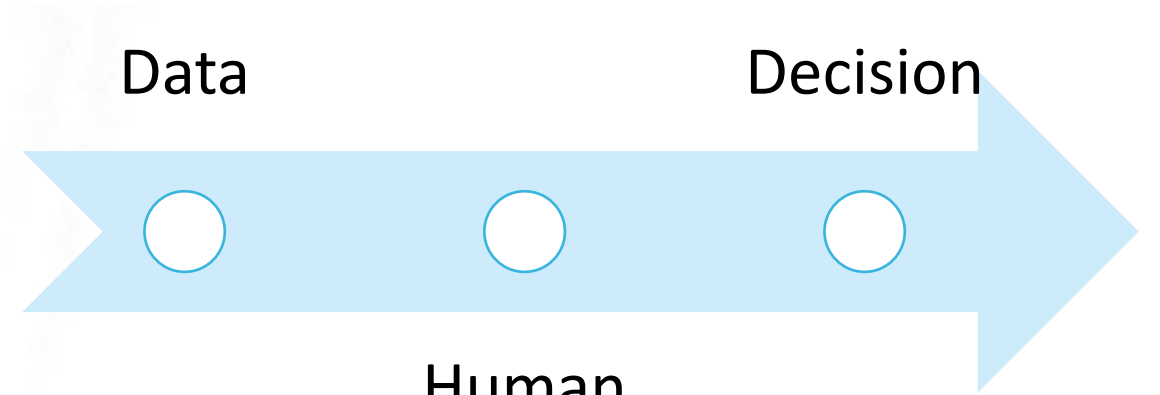
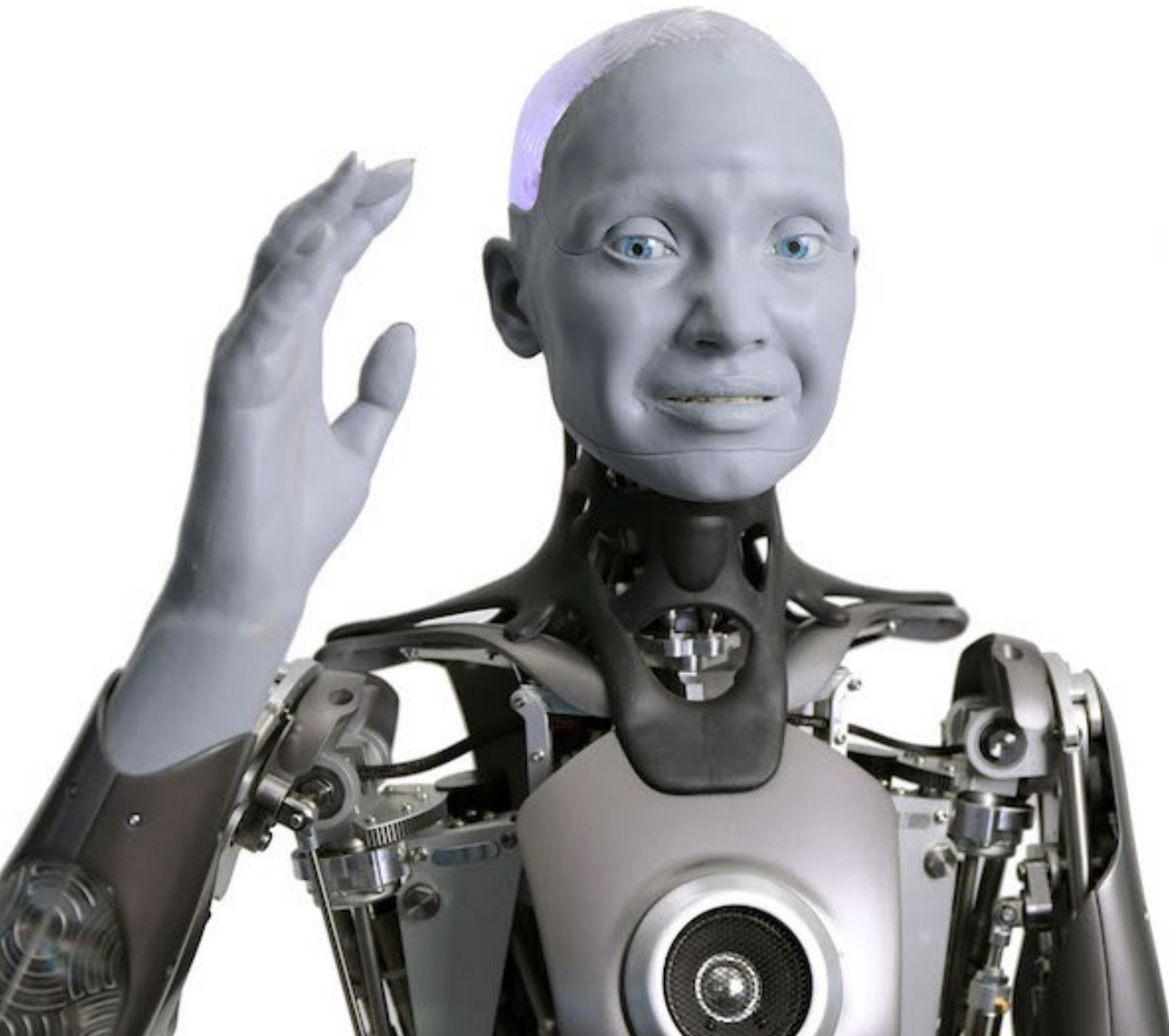
AI for decision making is stuck in the uncanny valley



AI for decision making is stuck in the uncanny valley



AI for decision making is stuck in the uncanny valley







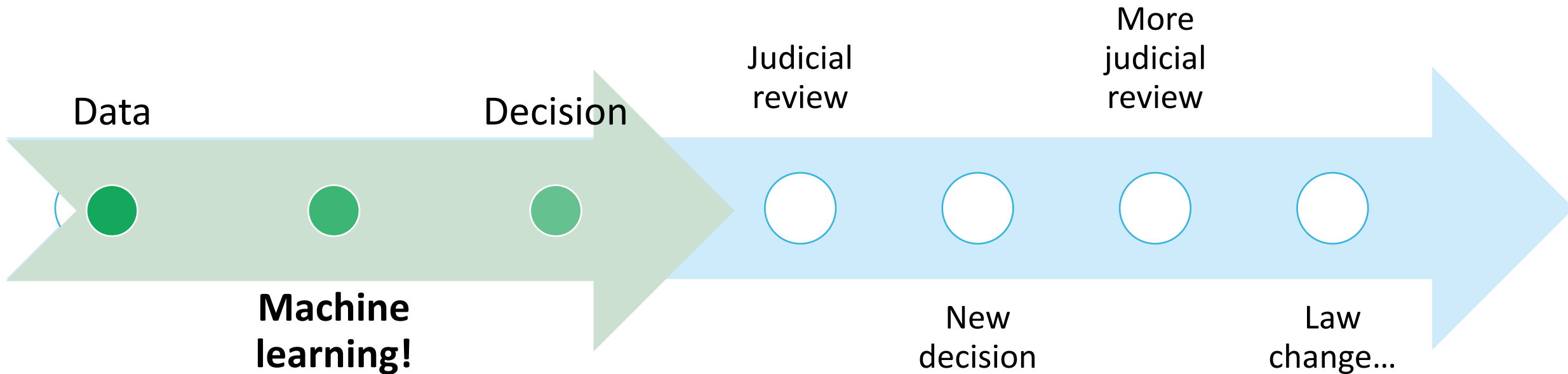
The warnings, which were placed on the Land Information Memorandums (Lims) of 1633 coastline properties in 2012, outraged residents, who said they reduced their property values and increased insurance costs overnight.

After a two-year fight, which included legal action in the High Court, Kāpiti Coast District Council removed the warnings.

We need a dialogue between what a system is trying to do and 'why' it's trying to do it

What do we want to do?

Why do we want to do it?





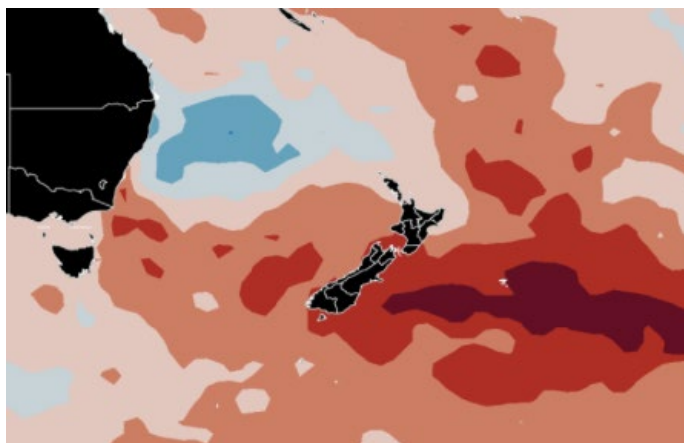
NIWA has run the Ministry of Fisheries-funded Chatham Rise survey using *R.V. Tangaroa* every year since 1992.

High Court overturns Stuart Nash's decision on tarakihi fishing limits

The ruling is being hailed as a win for sustainability that could set a precedent for how the government sets limits on commercial fishing



Can AI change decision making?



Total allowable catch limits



AI recommendations (using reinforcement learning) – live for everyone to see

***Currently research only** – not proposed for automated decision making



Decision-making needs
more than Explainable AI

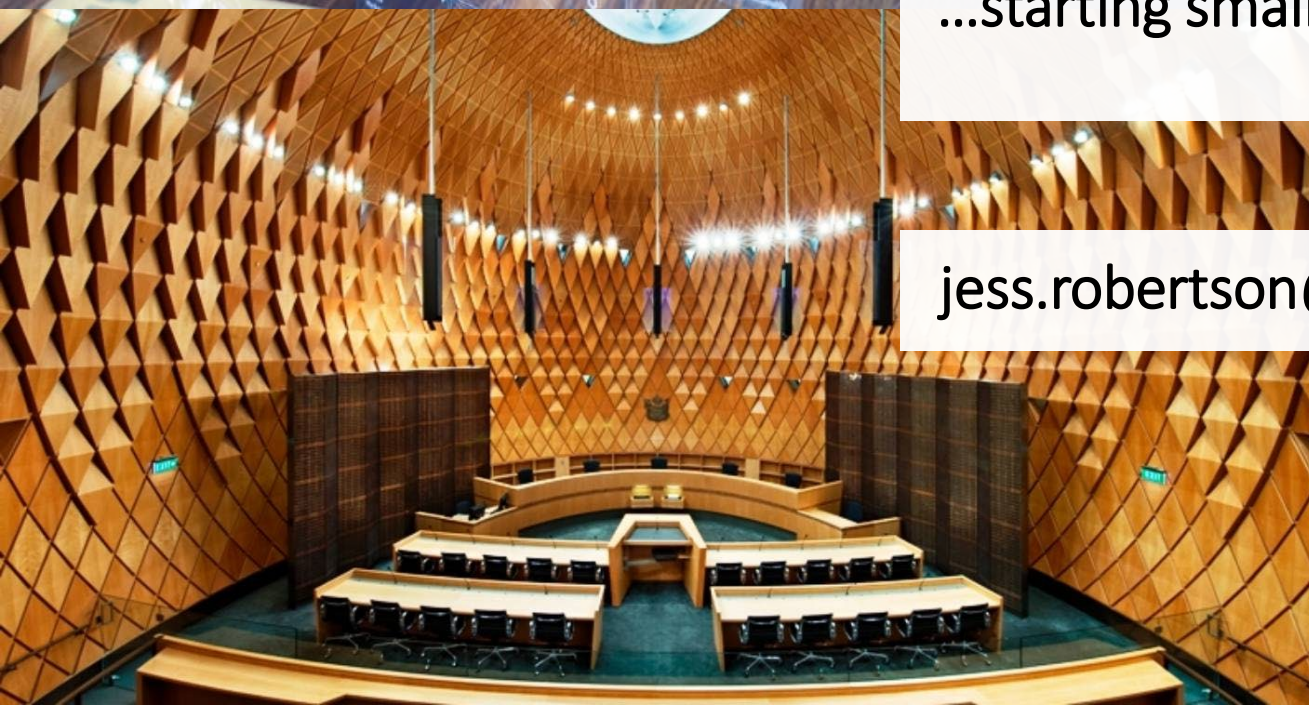




Decision-making needs
more than Explainable AI



...starting small might help!



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