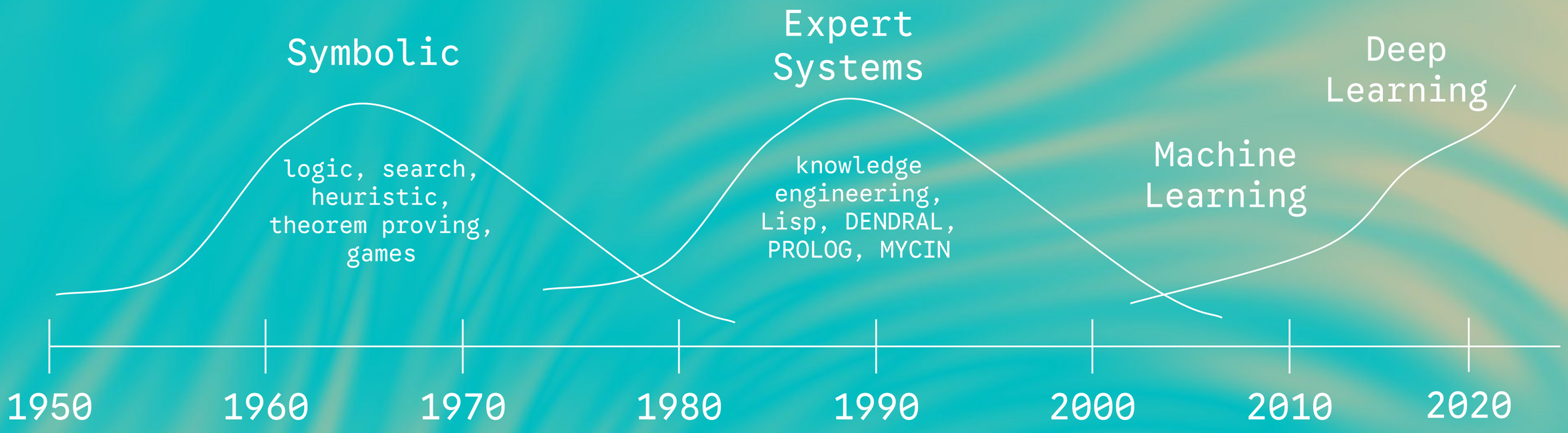
Sustainable AI:
Global Trends, Environmental Footprints and Effective Policy

November 9th, 2026

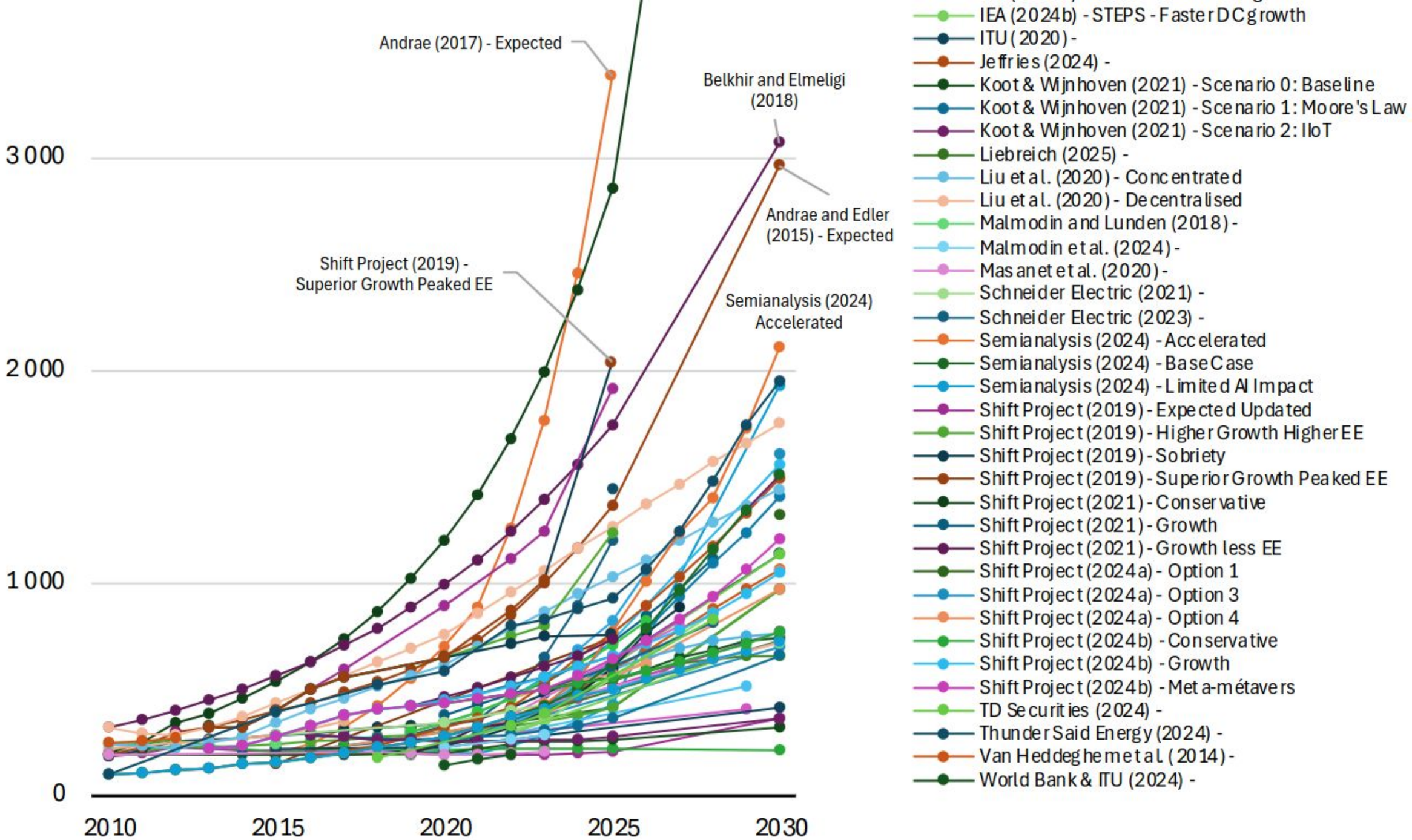


Boris Gamazaychikov
CO-FOUNDER, CHIEF EXECUTIVE OFFICER

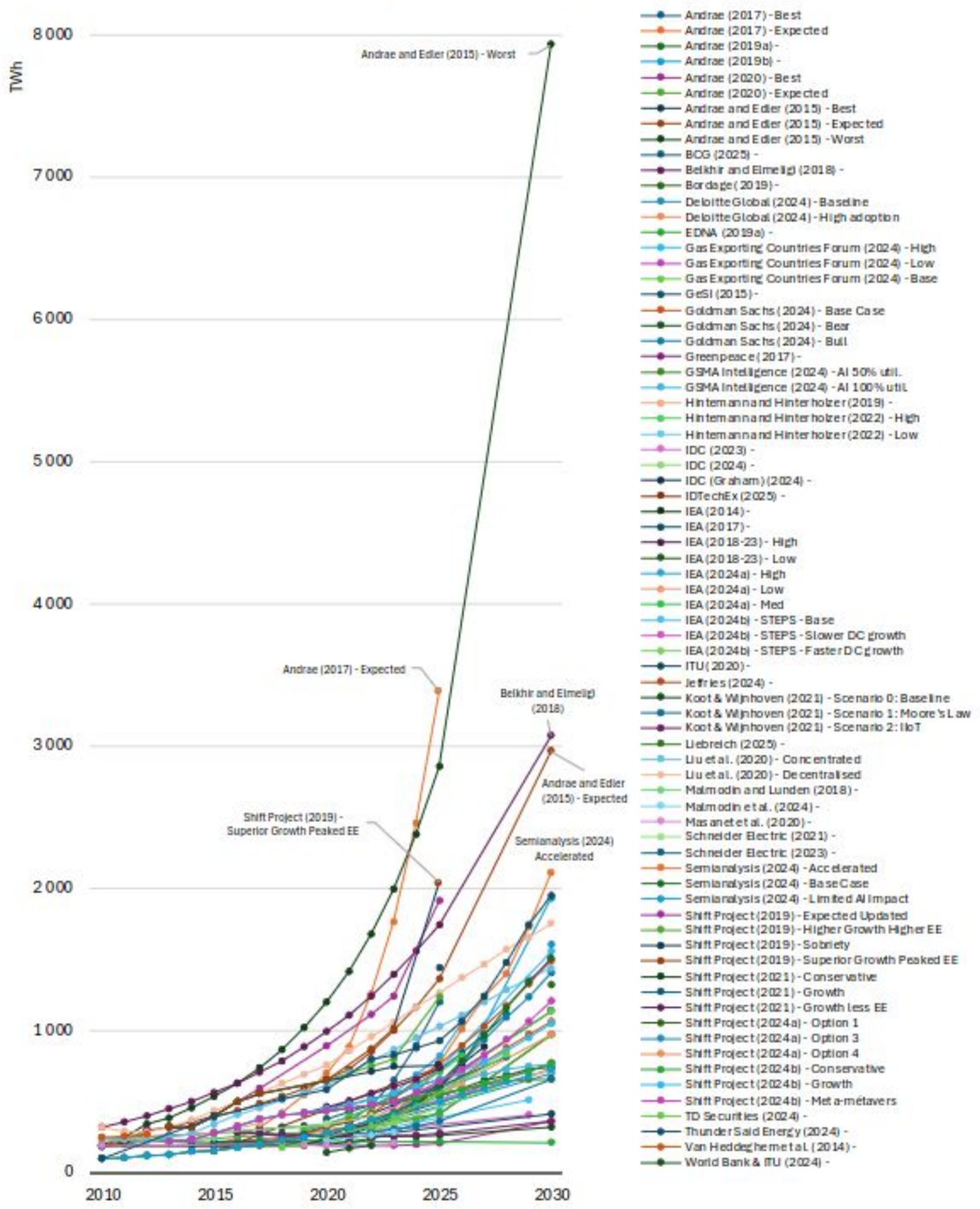

Symbolic
logic, search,
heuristic,
theorem proving,
games
Expert
Systems
knowledge
engineering,
Lisp, DENDRAL,
PROLOG, MYCIN
Machine
Learning
Deep
Learning
1950
1960
1970
1980
1990
2000
2010
2020



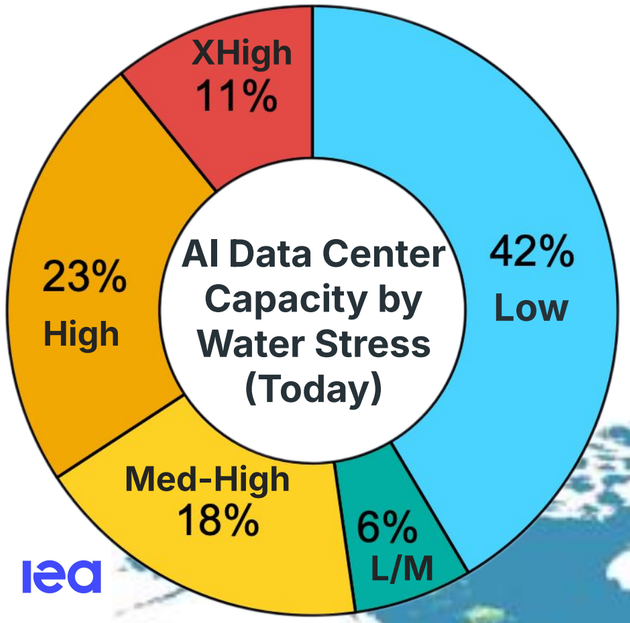

1 Meta, Louisiana
2 xAI, Mississippi
3 STACK, New Mexico
4 Vantage, Texas
5 QTS, Iowa
6 AWS, Pennsylvania
7 Google, Texas
8 Related Digital, Michigan
9 Vantage, Wisconsin
10 SB Energy, Texas
11 Digital Edge, Indonesia
12 Crusoe, Texas
13 Aligned, Maryland
14 Google, Texas
15 Nexus, Texas
16 CloudHQ, Virginia
17 AWS, Virginia
18 QTS, Georgia
19 Crusoe, Texas
20 AWS, Mississippi
21 EdgeConneX, Ohio
22 DayOne, Malaysia
23 Google, Texas
24 Vantage, Malaysia
25 STACK, Arizona
26 AWS, Ohio
27 AWS, Virginia
28 DayOne, Malaysia
29 Switch, Nevada
30 Microsoft, Wisconsin
31 Google, Malaysia
32 TeraWulf, New York
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34 DayOne, Malaysia
35 CloudHQ, Virginia
36 STACK, Australia
37 Applied Digital, North Dakota
38 Google, Missouri
39 AirTrunk, Australia
40 AWS, India



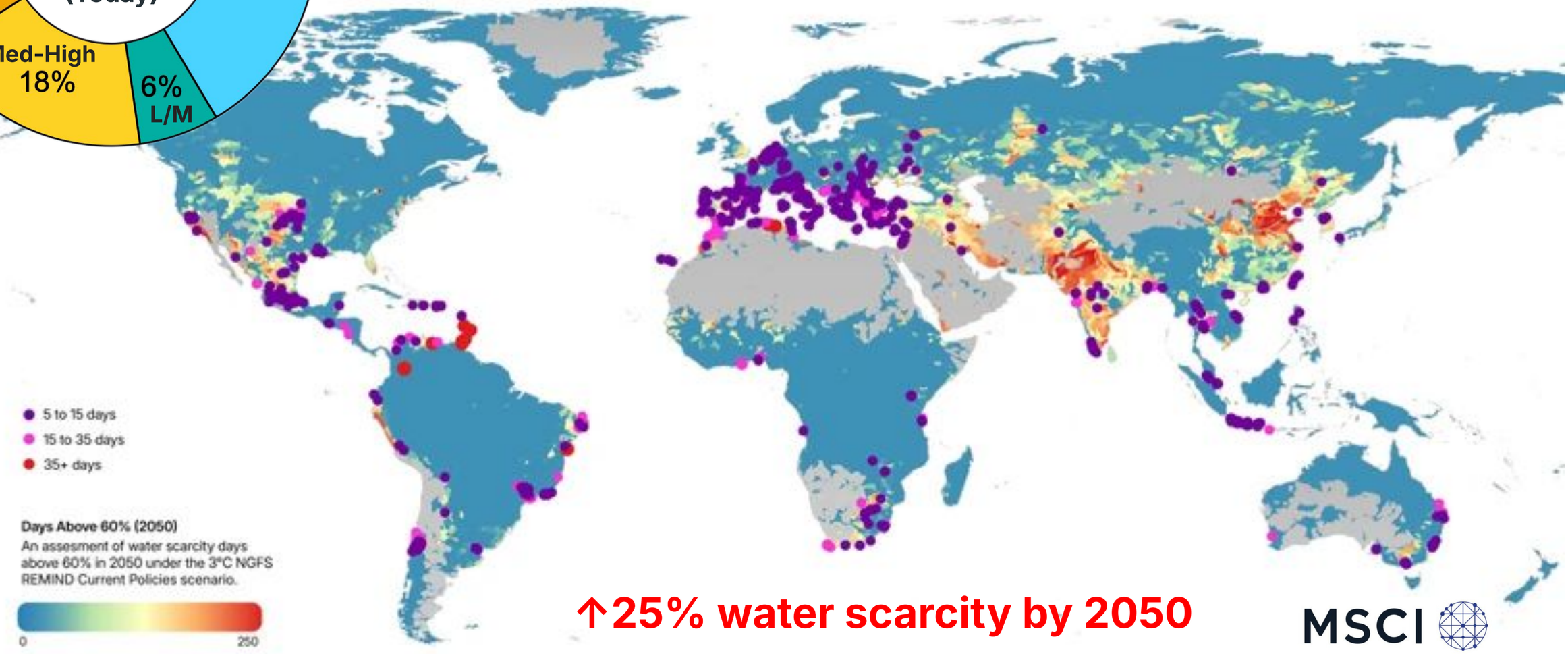
Kamiya, G. & Coroamă, V.C. (2025). Data centre energy use: Critical Review of Models and Results. Prepared for the IEA 4E TCP Electronic Devices and Networks Annex (EDNA).



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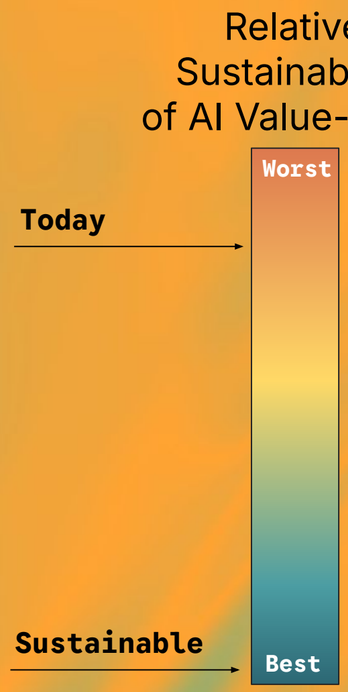
iea



↑25% water scarcity by 2050

MSCI

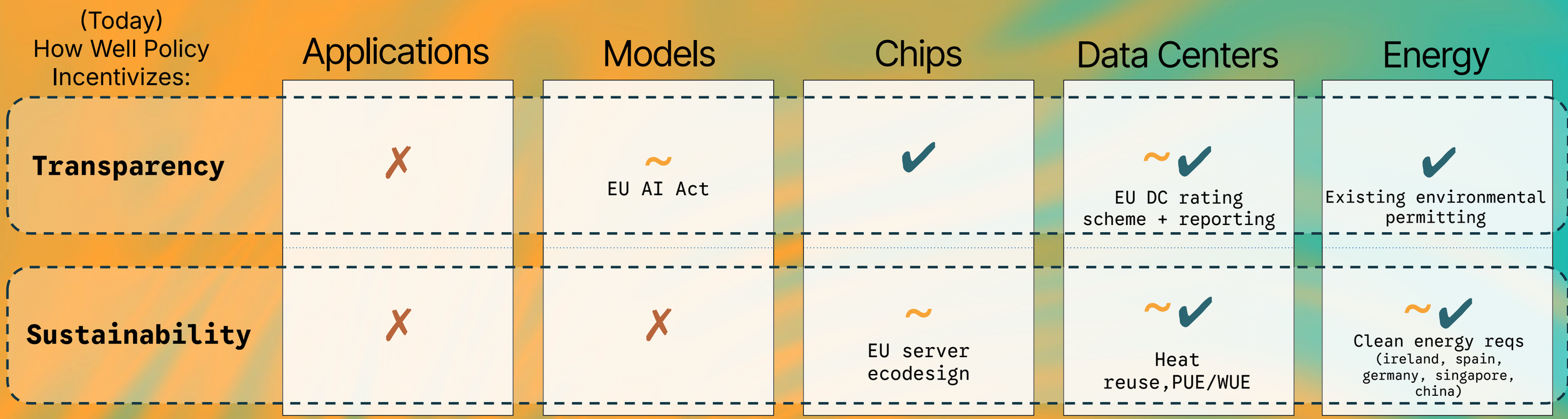
What Sustainable AI looks like



Applications	Models	Chips	Data Centers	Energy
Opaque, no choice or env. information	General-purpose frontier models for everything	General-purpose GPUs	Disconnected from grid, scarce water use	Fossil energy, flexible through diesel
Transparent, environmental choice	Right-sized, task-specific models	Efficient ASICs, on-device, edge	Grid-connected, flexible, storage, smart water use	Clean energy, additional

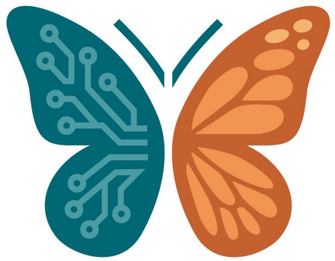
Today, the market cannot distinguish what constitutes sustainable AI.

Effective policy covers all layers



Today's policy landscape misses upstream levers.

Thank You



Sustainable AI
Group