OECD.AI Policy Observatory

OECD's work on AI

From Principles to practice

NIC.br webinar "Public Statistics on AI"
Keynote

Luis Aranda
Digital Economy Policy Division
September 2020

OECD

Today's plan

- OECD AI Principles
- Implementation efforts
  - OECD AI Policy Observatory (OECD.AI)
  - OECD Network of Experts on AI (ONE AI)
  - The AI Wonk
- COVID-19 resources

OECD AI Principles

How it all started

- G7 ICT Ministerial meeting in Japan, April 2016
- AI Foresight Forum, 2016
- Conference '*AI: Intelligent Machines, Smart Policies.'* 2017
- 2018 mission: scope principles to foster trust in and adoption of AI

OECD.AI Policy Observatory

Criteria for AI Principles

Facilitate innovation & trust	*Enable trust in and adoption of AI*
Specific / key to AI	*Reflect the specific characteristics of, or key issue related to, AI*
Implementable	*In policies and practices*
Flexible	*Stand the test of time*
Foster co-operation	*Multi-stakeholder, multi-disciplinary, international*

AI expert group at the OECD (AIGO)

September 2018 –February 2019

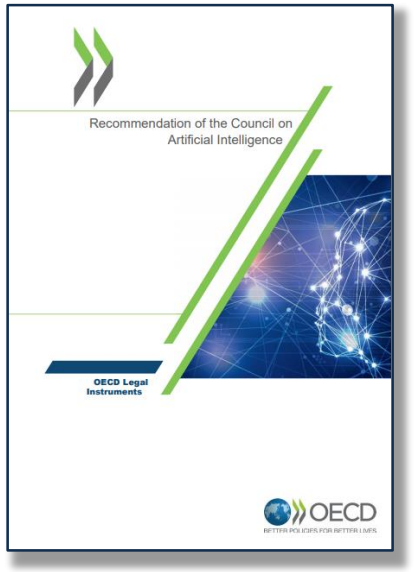
Mission: to scope principles to foster trust in and adoption of AI

Composition: multi-stakeholder and multi-disciplinary: 50+ experts

- Governments, academics, IOs, businesses, technical community, labour unions, civil society…
- 4 meetings in 5 months

OECD AI Principles

- Goal: foster policy ecosystem for trustworthy AI that benefits people and planet.
- Inter-governmental standard. Adopted May 2019 by 37 OECD + 7 partner countries. Same as G20 AI Principles approved June 2019.
- Non-binding yet strong political commitment to implement & OECD monitoring.



OECD AI Principles

10 Principles, covering two areas:

Principles for responsible stewardship of trustworthy AI

1.1. Inclusive growth, sustainable development and well-being
1.2. Human-centred values and fairness
1.3. Transparency and explainability
1.4. Robustness, security and safety
1.5. Accountability

National policies & international cooperation for trustworthy AI

2.1. Investing in AI research and development
2.2. Fostering a digital ecosystem for AI
2.3. Providing an enabling policy environment for AI
2.4. Building human capacity and preparing for labour transition
2.5. International cooperation

OECD AI Principles
In short

1 *Inclusive growth, sustainable development and well-being*

AI should benefit people and the planet by driving inclusive growth, sustainable development and well-being.

OECD AI Principles
In short

Human-centred values and fairness

AI systems should be designed in a way that respects the rule of law, human rights, democratic values and diversity, and include appropriate safeguards to ensure a fair and just society.

OECD AI Principles
In short

3 *Transparency and explainability*

There must be transparency and responsible disclosure around AI systems to ensure that people understand AI-based outcomes and can challenge them.

OECD AI Principles
In short

4 *Robustness, security and safety*

AI systems must function in a robust, secure and safe way throughout their lifecycle and potential risks should be continually assessed and managed.

OECD.AI Policy Observatory

OECD AI Principles
In short

Accountability

AI actors should be accountable for the proper functioning of AI systems in line with the above principles.

OECD

OECD.AI Policy Observatory

The OECD recommends that governments…

- Facilitate public and private investment in **research & development** to spur innovation in trustworthy AI.
- Foster accessible **AI ecosystems** with digital infrastructure and technologies and mechanisms to share data and knowledge.
- Ensure a **policy environment** that will open the way to deployment of trustworthy AI systems.
- Empower people with the **skills** for AI and support workers for a fair transition.
- **Co-operate across borders** and sectors to progress on responsible stewardship of trustworthy AI.

OECD

OECD AI principles
Why are they relevant?

THE HILL

3 reasons you should pay attention to the OECD AI principles

BY JESSICA CUSSINS NEWMAN, OPINION CONTRIBUTOR — 05/28/19 09:30 AM EDT
THE VIEWS EXPRESSED BY CONTRIBUTORS ARE THEIR OWN AND NOT THE VIEW OF THE HILL

2,333 SHARES

Just In...

It may be tempting to skip over last week's launch of the Organisation for Economic Co-operation and Development (OECD) artificial intelligence (AI) recommendation as yet another set of non-binding AI principles with little real-world impact, but this would be a mistake.

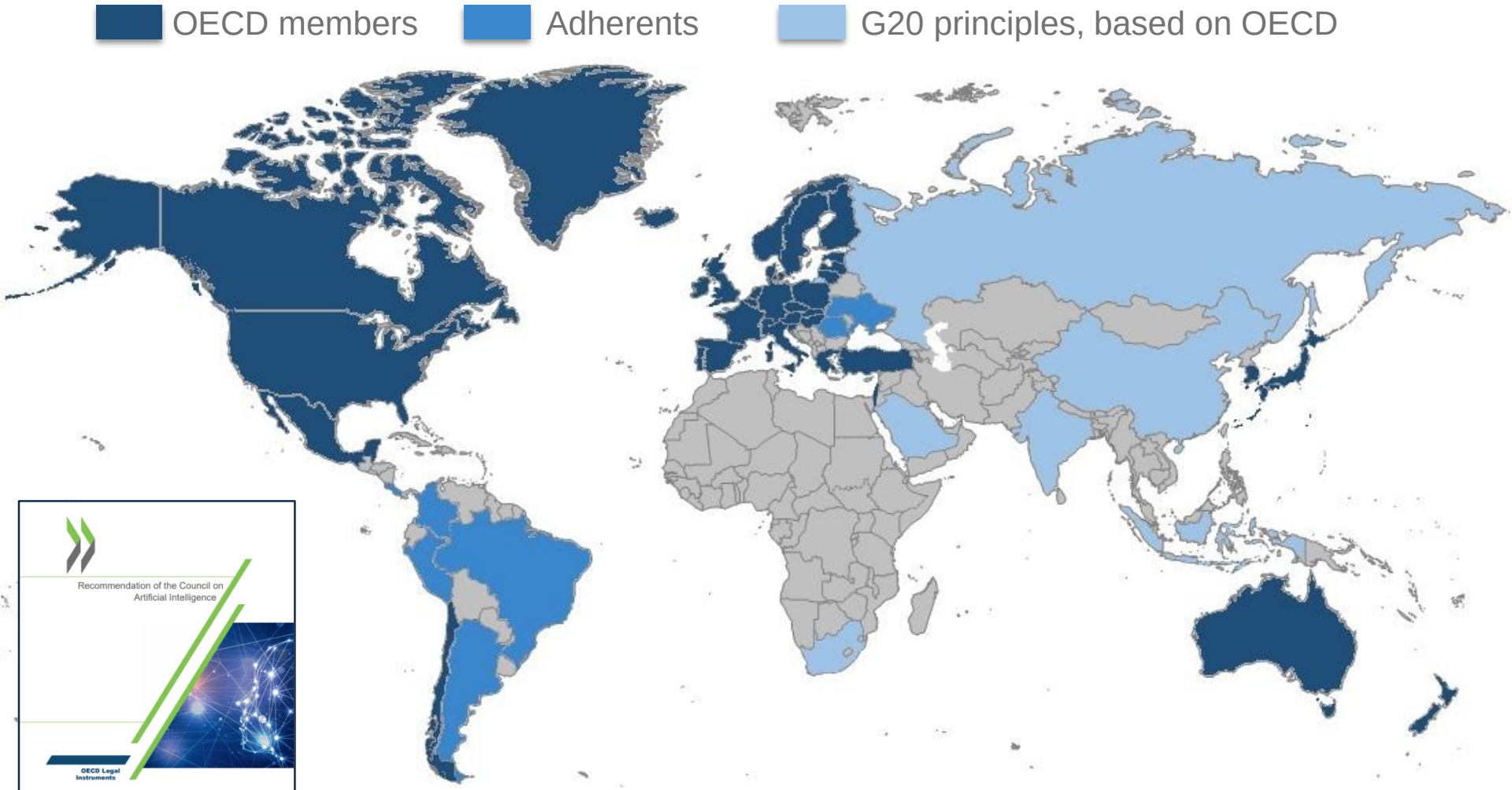
As the world's first intergovernmental policy guidelines for AI, developed by more than 50 international and multidisciplinary experts, and already adopted by more than 40 countries, the OECD principles in fact represent a new core, or "global reference point," of AI governance.

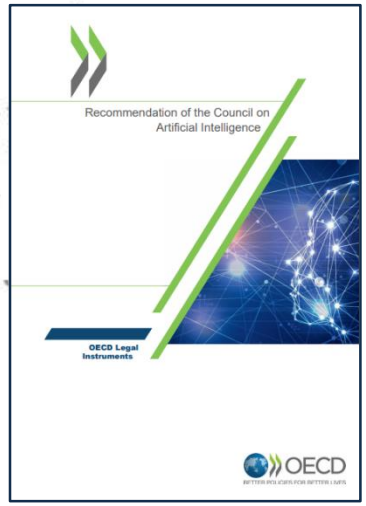
This is significant for several reasons.

https://thehill.com/opinion/technology/445627-three-reasons-you-should-pay-attention-to-the-oecd-ai-principles

OECD.AI Policy Observatory

Governments that have adhered to the OECD or G20 AI principles





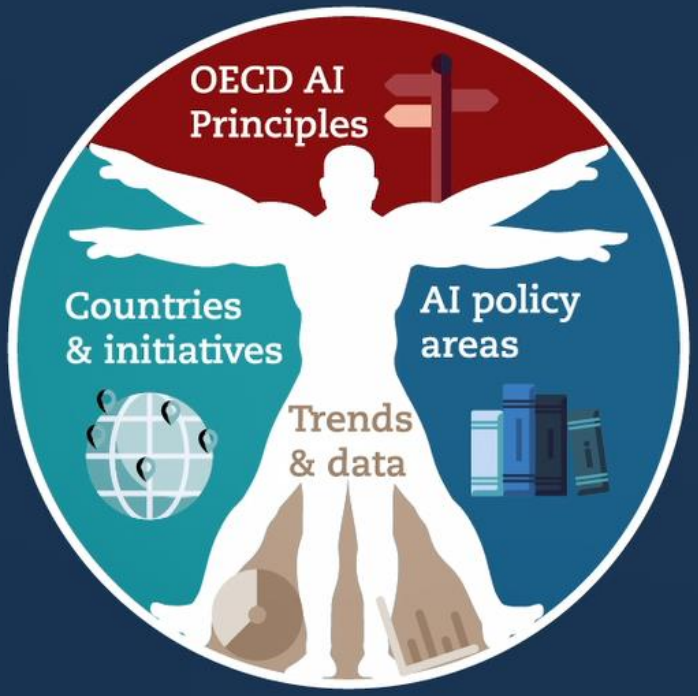
OECD

From Principles to Practice

From Principles to Practice

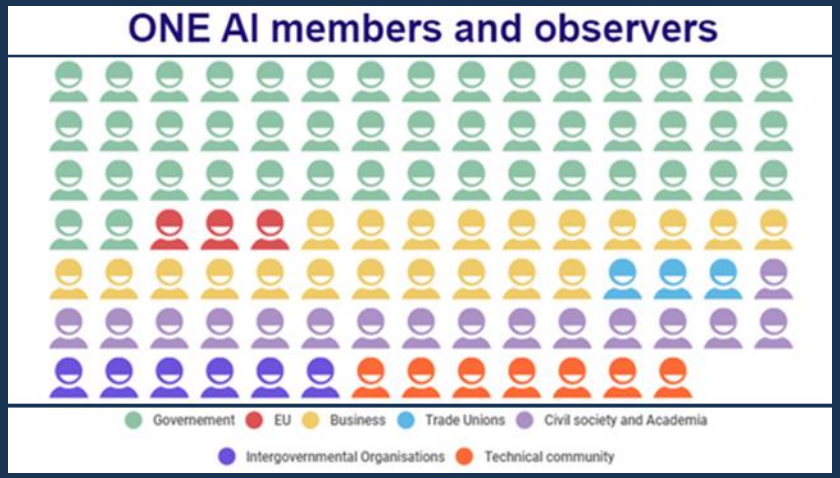
AI Policy Observatory (OECD.AI)

A platform to share & shape public policies for responsible, trustworthy & beneficial AI



OECD Network of Experts on AI (ONE AI)

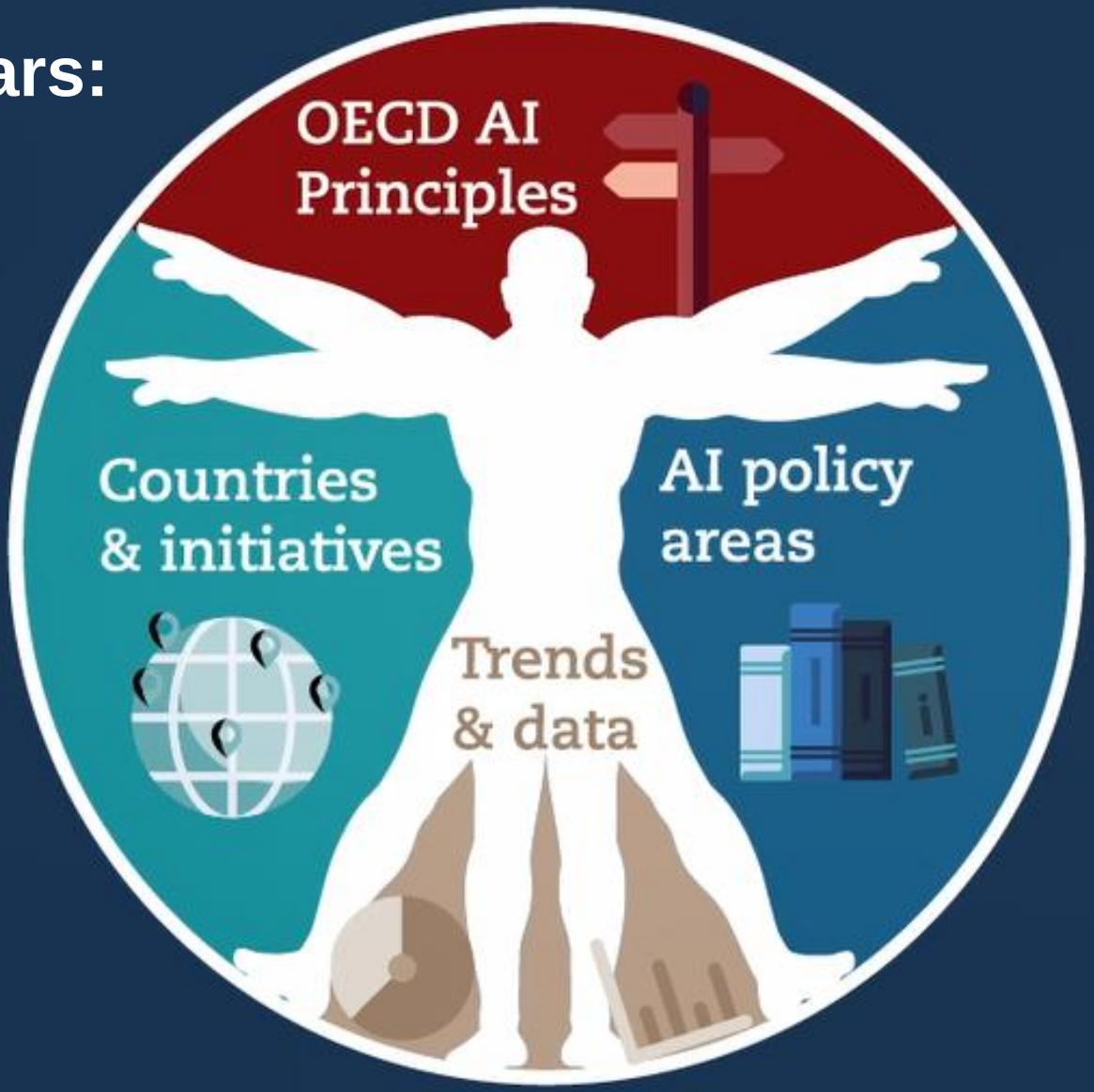
A multi-stakeholder group of experts is helping the OECD CDEP develop practical implementation guidance.



OECD.AI

Shape and share public policies for responsible, trustworthy and beneficial AI

4 pillars:



OECD AI Principles overview

The OECD AI Principles promote use of AI that is innovative and trustworthy and that respects human rights and democratic values. Adopted in May 2019, they set standards for AI that are practical and flexible enough to stand the test of time.

Values-based principles

- Inclusive growth, sustainable development and well-being
- Human-centred values and fairness
- Transparency and explainability
- Robustness, security and safety
- Accountability

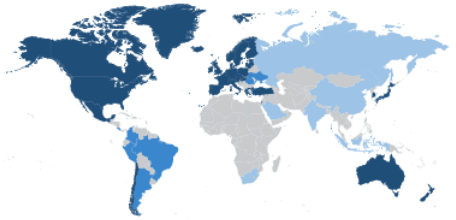
Recommendations for policy makers

- Investing in AI research and development
- Fostering a digital ecosystem for AI
- Shaping an enabling policy environment for AI
- Building human capacity and preparing for labour market transformation
- International co-operation for trustworthy AI

The OECD AI Principles focus on how governments and other actors can shape a human-centric approach to trustworthy AI. As an OECD legal instrument, the principles represent a common aspiration for its adhering countries.

Official text

Governments that have committed to the AI Principles



Enlarge

Transparency and explainability (Principle 1.3)

This principle is about transparency and responsible disclosure around AI systems to ensure that people understand when they are engaging with them and can challenge outcomes.

Rationale for this principle

The term transparency carries multiple meanings. In the context of this Principle, the focus is first on disclosing when AI is being used (in a prediction, recommendation or decision, or that the user is interacting directly with an AI-powered agent, such as a chatbot). Disclosure should be made with proportion to the importance of the interaction. The growing ubiquity of AI applications may influence the desirability, effectiveness or feasibility of disclosure in some cases.

Transparency further means enabling people to understand how an AI system is developed, trained, operates, and deployed in the relevant application domain, so that consumers, for example, can make more informed choices. Transparency also refers to the ability to provide meaningful information and clarity about what information is provided and why. Thus transparency does not in general extend to the disclosure of the source or other proprietary code or sharing of proprietary datasets, all of which may be too technically complex to be feasible or useful to understanding an outcome. Source code and datasets may also be subject to intellectual property, including trade secrets.

An additional aspect of transparency concerns facilitating public, multi-stakeholder discourse and the establishment of dedicated entities, as necessary, to foster general awareness and understanding of AI systems and increase acceptance and trust.

Explainability means enabling people affected by the outcome of an AI system to understand how it was arrived at. This entails providing easy-to-understand information to people affected by an AI system's outcome that can enable those adversely affected to challenge the outcome, notably – to the extent practicable – the factors and logic that led to an outcome. Notwithstanding, explainability can be achieved in different ways depending on the context (such as, the significance of the outcomes). For example, for some types of AI systems, requiring explainability may negatively affect the accuracy and performance of the system (as it may require reducing the solution variables to a set small enough that humans can understand, which could be suboptimal in complex, high-dimensional problems), or privacy and security. It may also increase complexity and costs, potentially putting AI actors that are SMEs at a disproportionate disadvantage.

Therefore, when AI actors provide an explanation of an outcome, they may consider providing – in clear and simple terms, and as appropriate to the context – the main factors in a decision, the determinant factors, the data, logic or algorithm behind the specific outcome, or explaining why similar-looking circumstances generated a different outcome. This should be done in a way that allows individuals to understand and challenge the outcome while respecting personal data protection obligations, if relevant.

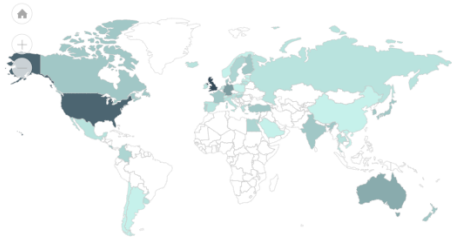
Related online news from EventRegistry

News language: English only

- Coronavirus: NSE gives more time to brokers for submission of reports
  Apr 9, 2020
- Compliance: Your New Best Friend?
  Jan 27, 2020
- Ajman Department of Ports and Customs launches artificial and business intelligence (AI/BI) powered services
  Ajman Jan 14, 2020
- Here's how DBS is trying to fend off Financial crimes
  Nov 15, 2019

Related AI policy initiatives

Choose visualization: By initiative count



European Union (13)

Related OECD publications

Choose visualization: From newest to oldest

7 results

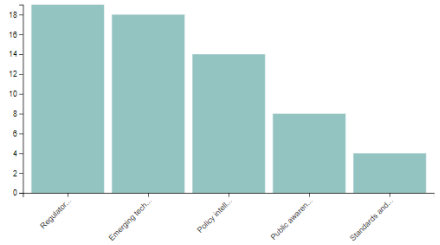
- 2019 - Artificial Intelligence in Society: Public policy considerations
- 2019 - Artificial Intelligence in Society: The technical landscape
- 2019 - Hello, World: Artificial intelligence and its use in the public sector
- 2019 - Scoping the OECD AI principles : Deliberations of the Expert Group on Artificial Intelligence at the OECD (AIGO)

Related recent scientific research

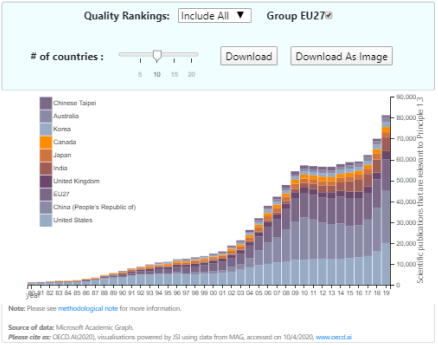
Research status: Published

- DeepXplore: automated whitebox testing of deep learning systems
  Oct 24, 2019
- XLNet: Generalized Autoregressive Pretraining for Language Understanding
  Dec 8, 2019
- Deep Supervised Hashing for Fast Image Retrieval
  Sep 1, 2019
- One Pixel Attack for Fooling Deep Neural Networks
  Oct 1, 2019

Related types of policy instruments used



Related scientific research by country



Policy areas overview

AI is a new general-purpose technology that will impact every field of public policy. Here is the latest AI policy research taking place in different policy communities across the OECD and beyond.

- Agriculture
- Competition
- Corporate governance
- Development
- Digital economy
- Economy
- Education
- Employment
- Environment
- Finance and insurance
- Health
- Industry and entrepreneurship
- Innovation
- Investment
- Public governance
- Science and technology
- Social and welfare issues
- Tax
- Trade
- Transport

OECD.AI programme on Work, Innovation, Productivity and Skills

AI & employment

AI is widely expected to change the nature of work as it diffuses across sectors. It will complement humans in some tasks, replace them in others and also generate new types of work. This section showcases the latest on AI and employment.

Related OECD publications

Choose visualization: From newest to oldest

12 results

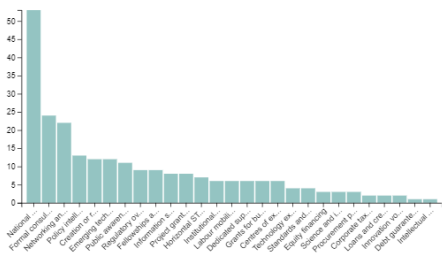
- 2019 - Measuring the Digital Transformation: Adaptability
- 2019 - OECD Employment Outlook 2019 : The Future of Work
- 2019 - OECD Skills Outlook 2019: Thriving in a Digital World
- 2019 - Statistical profiling in public employment services : An international comparison

Related online news from EventRegistry

News language: English only

- Don't fear a 'robot apocalypse' - tomorrow's digital jobs will be more satisfying and higher-paid
  Feb 27, 2020
- Hubtek offers robotic process automation
  Feb 25, 2020
- Automation, climate change, AI: schools prepping students for jobs of the future
  Alberta Jan 2, 2020
- Reskilling the UK in the face of AI growth
  Dec 9, 2019

Related types of policy instruments used



Related top concepts in research

Download Download As Image

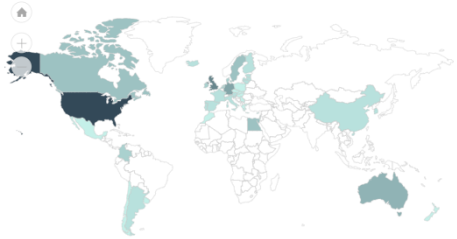
Note: this chart takes into account research in employment and AI from 1980 onwards. Please see methodological note for more information.

Source of data: Microsoft Academic Graph.

Please cite as: OECD.AI(2020), visualisations powered by JSI using data from MAG, accessed on 10/4/2020, www.oecd.ai

Related AI policy initiatives

Choose visualization: By initiative count

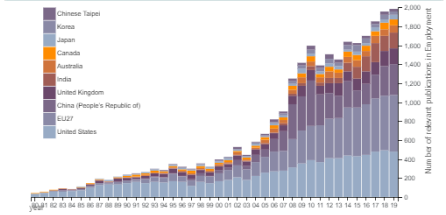


European Union (3)

Related scientific research by country

Quality Rankings: Include All Group EU27

# of countries : Download Download As Image



Note: Please see methodological note for more information.

Source of data: Microsoft Academic Graph.

Please cite as: OECD.AI(2020), visualisations powered by JSI using data from MAG, accessed on 10/4/2020, www.oecd.ai

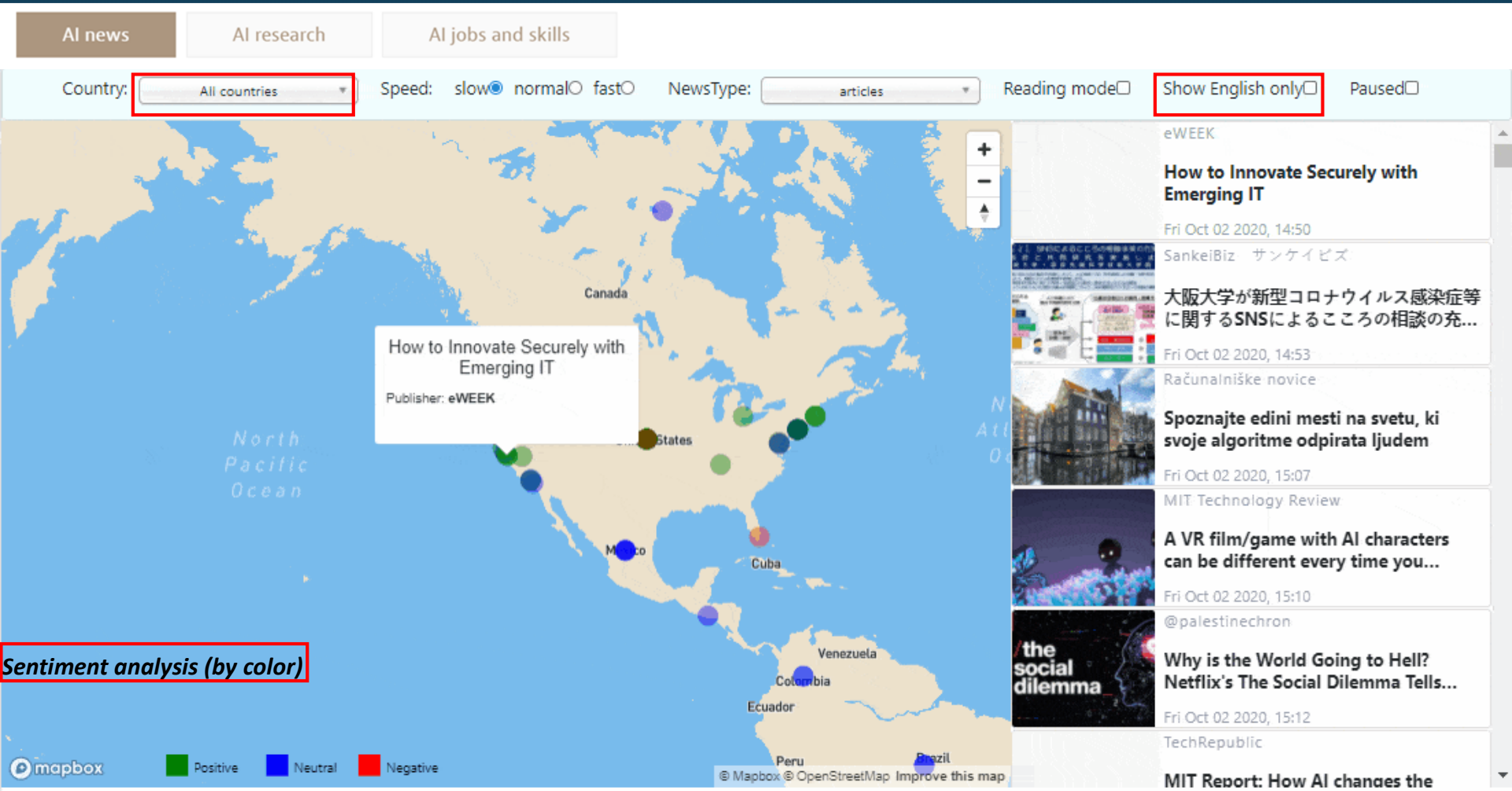
Related recent scientific research

Research status: Published

- A scalable pipeline for designing reconfigurable organisms
  Jan 13, 2020
- Gender Differences in Earnings of Early- and Midcareer Pediatricians
  Oct 1, 2019
- Genetic design automation for autonomous formation of multicellular shapes from a single cell progenitor
  Oct 16, 2019
- Visual Interaction with Deep Learning Models through Collaborative Semantic Inference
  Jan 1, 2020

Live data from partners

This section leverages live data from partners to show timely trends about where, how and at what rate AI is being developed and used, and in which sectors.



Live data from partners

This section leverages live data from partners to show timely trends about where, how and at what rate AI is being developed and used, and in which sectors.

AI news | AI research | AI jobs and skills

Live data from partners

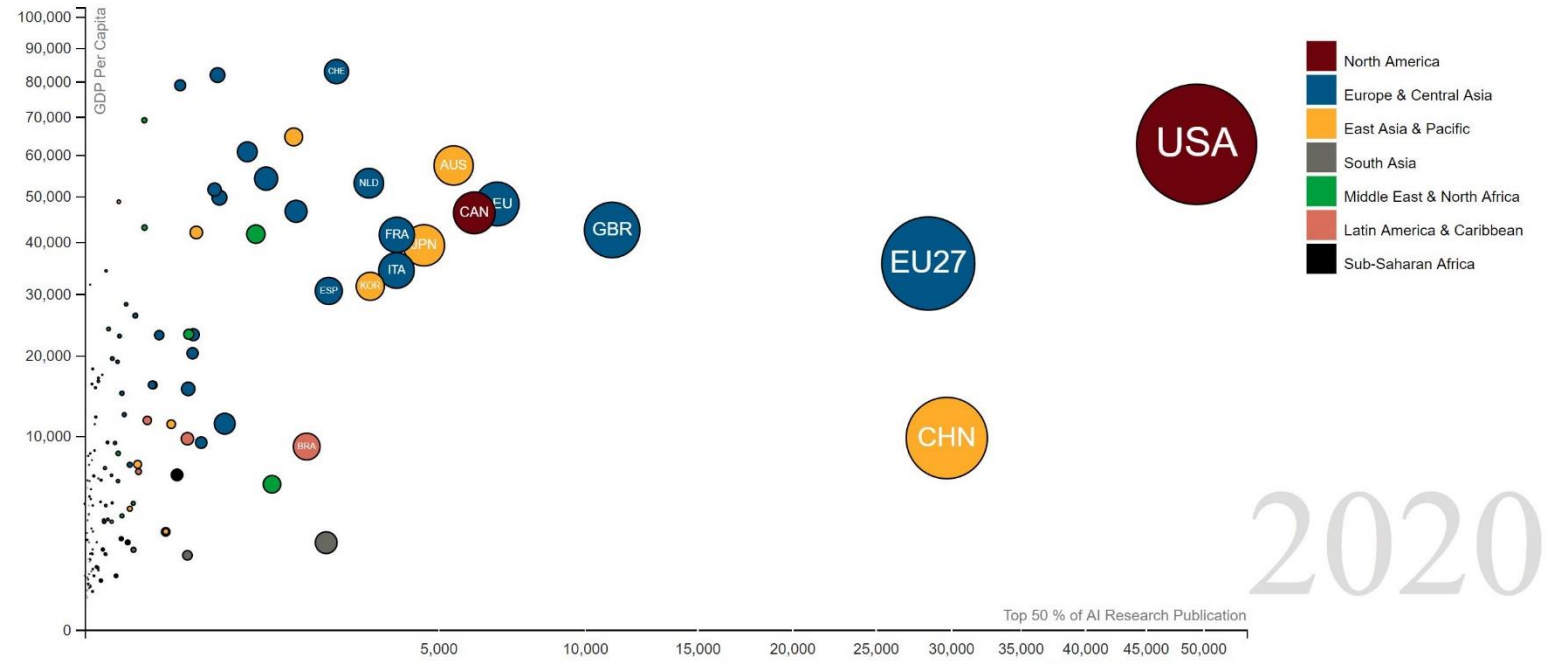
This section leverages live data from partners to show timely trends about where, how and at what rate AI is being developed and used, and in which sectors.

AI news | AI research | AI jobs and skills

Year: 1980 1990 2000 2010 2020 Resume Publications Per Capita Cumulative Estimated 2020 value

Y-axis: GDP Per Capita Quality Rankings: Top 50% Publication Type: Research Publications Download

Download As Image



Live data from partners

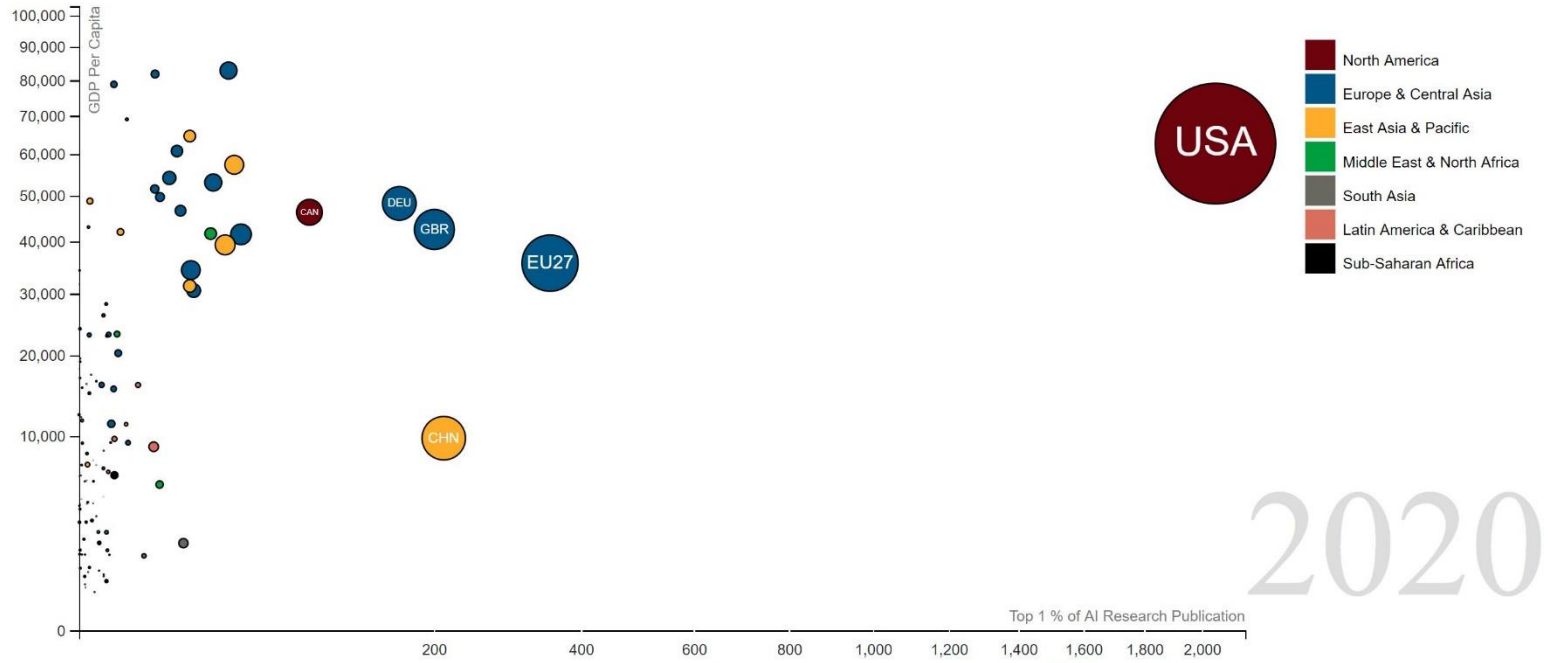
This section leverages live data from partners to show timely trends about where, how and at what rate AI is being developed and used, and in which sectors.

AI news | AI research | AI jobs and skills

Year: 1980 1990 2000 2010 2020 Resume Publications Per Capita Cumulative Estimated 2020 value

Y-axis: GDP Per Capita Quality Rankings: Top 1% Publication Type: Research Publications Download

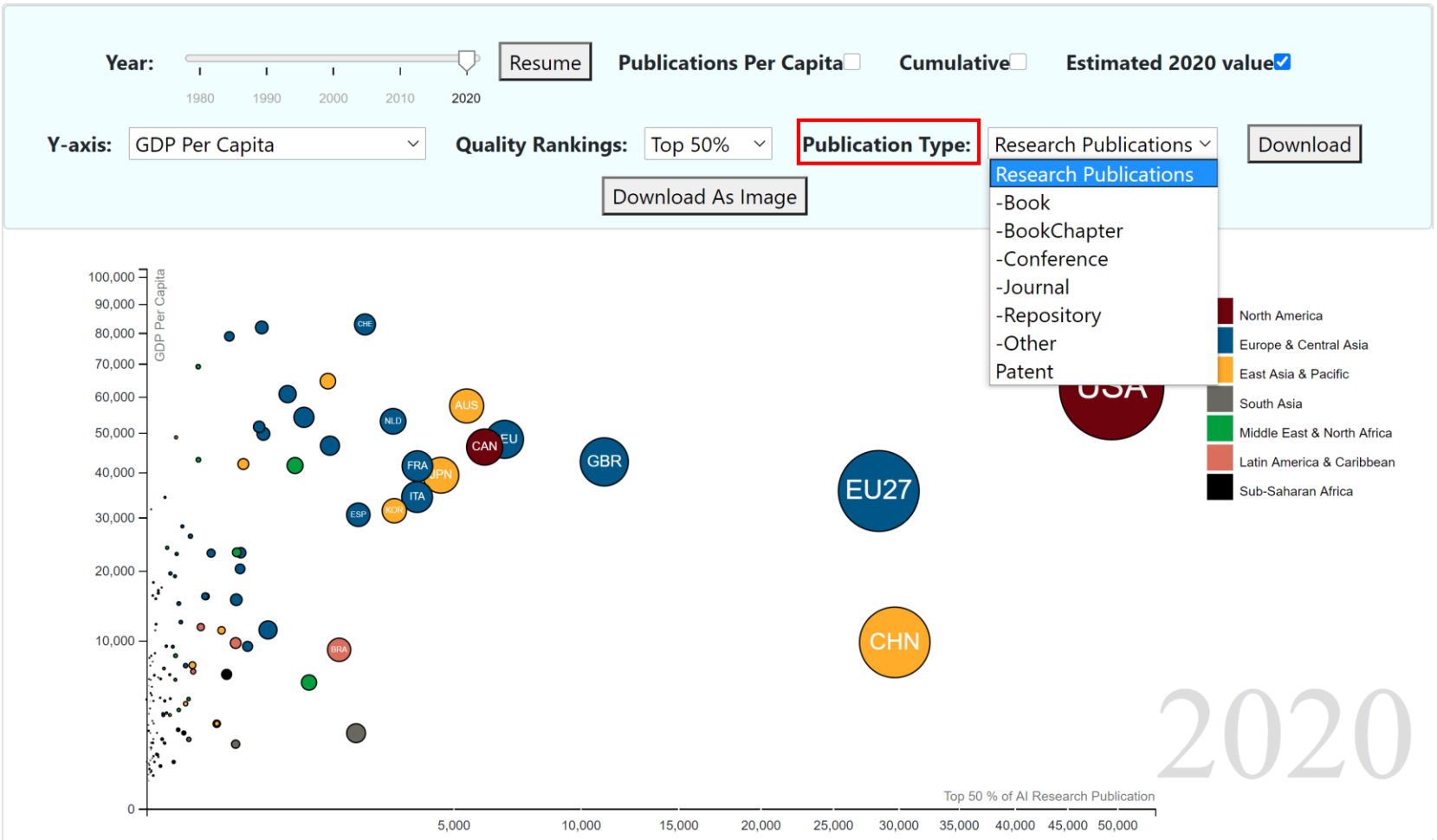
Download As Image



Live data from partners

This section leverages live data from partners to show timely trends about where, how and at what rate AI is being developed and used, and in which sectors.

AI news | AI research | AI jobs and skills



Live data from partners

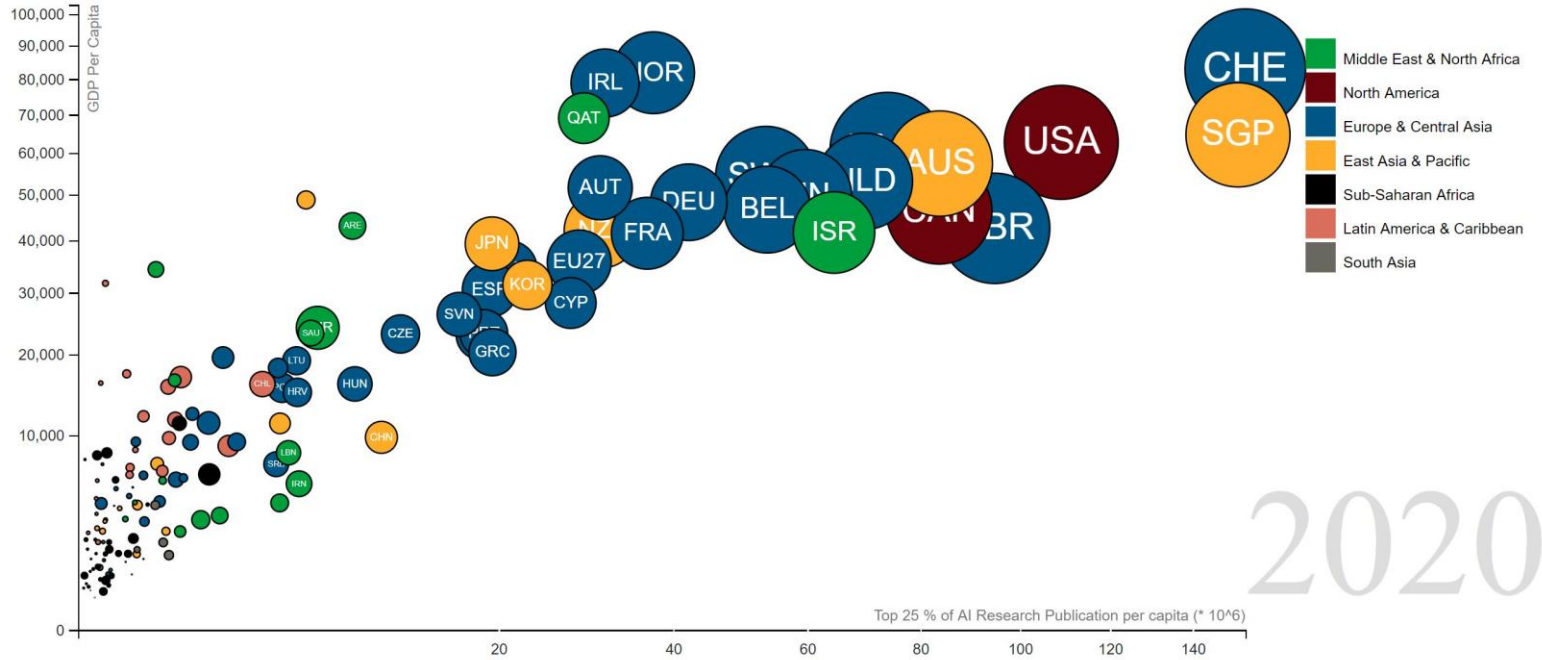
This section leverages live data from partners to show timely trends about where, how and at what rate AI is being developed and used, and in which sectors.

AI news | AI research | AI jobs and skills

Year: 1980 1990 2000 2010 2020 Resume Publications Per Capita Cumulative Estimated 2020 value

Y-axis: GDP Per Capita Quality Rankings: Top 25% Publication Type: Research Publications Download

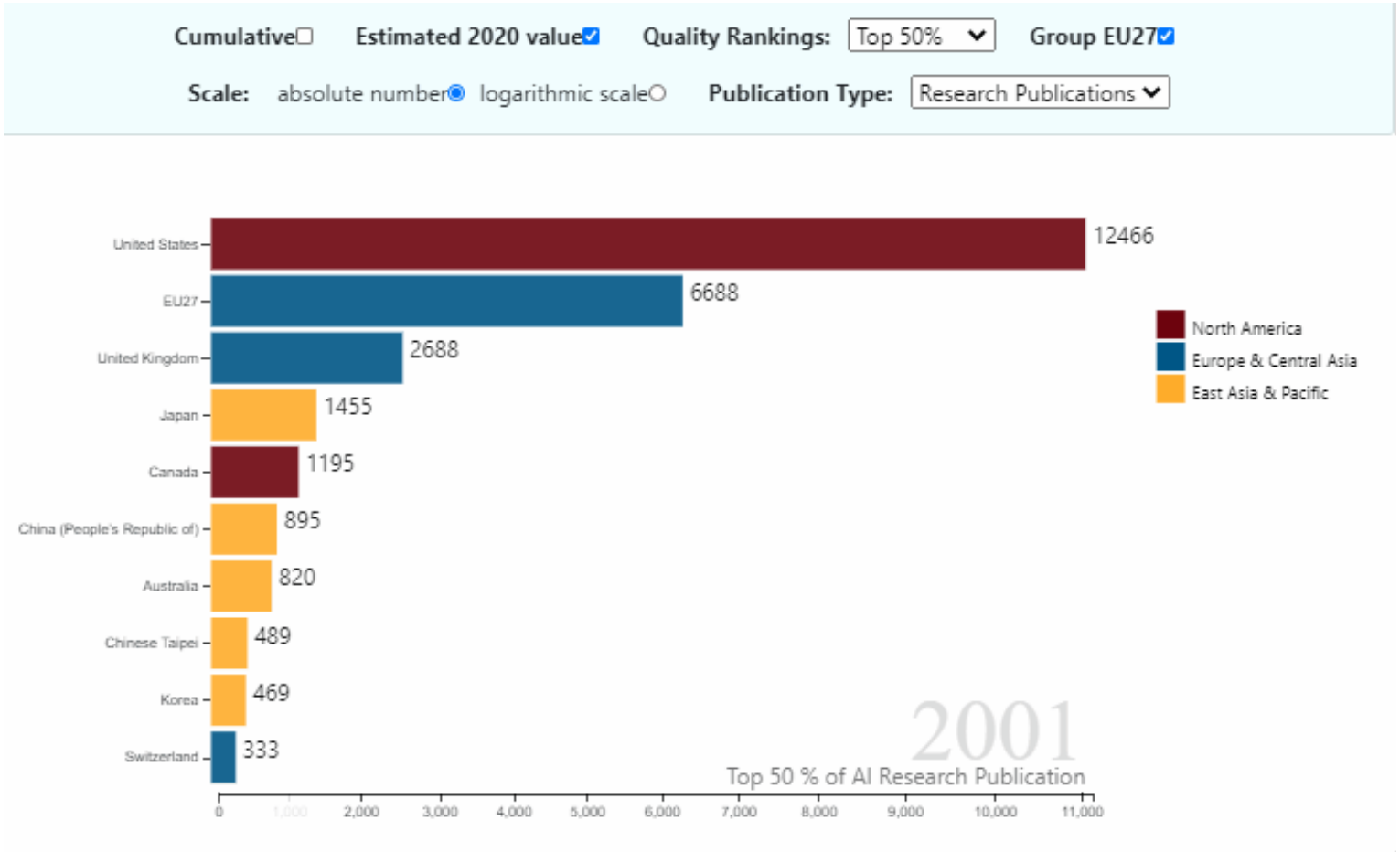
Download As Image



Live data from partners

This section leverages live data from partners to show timely trends about where, how and at what rate AI is being developed and used, and in which sectors.

AI news | AI research | AI jobs and skills



Note: The 'cumulative' option displays aggregate results since 1980. Please see methodological note for more information.

Live data from partners

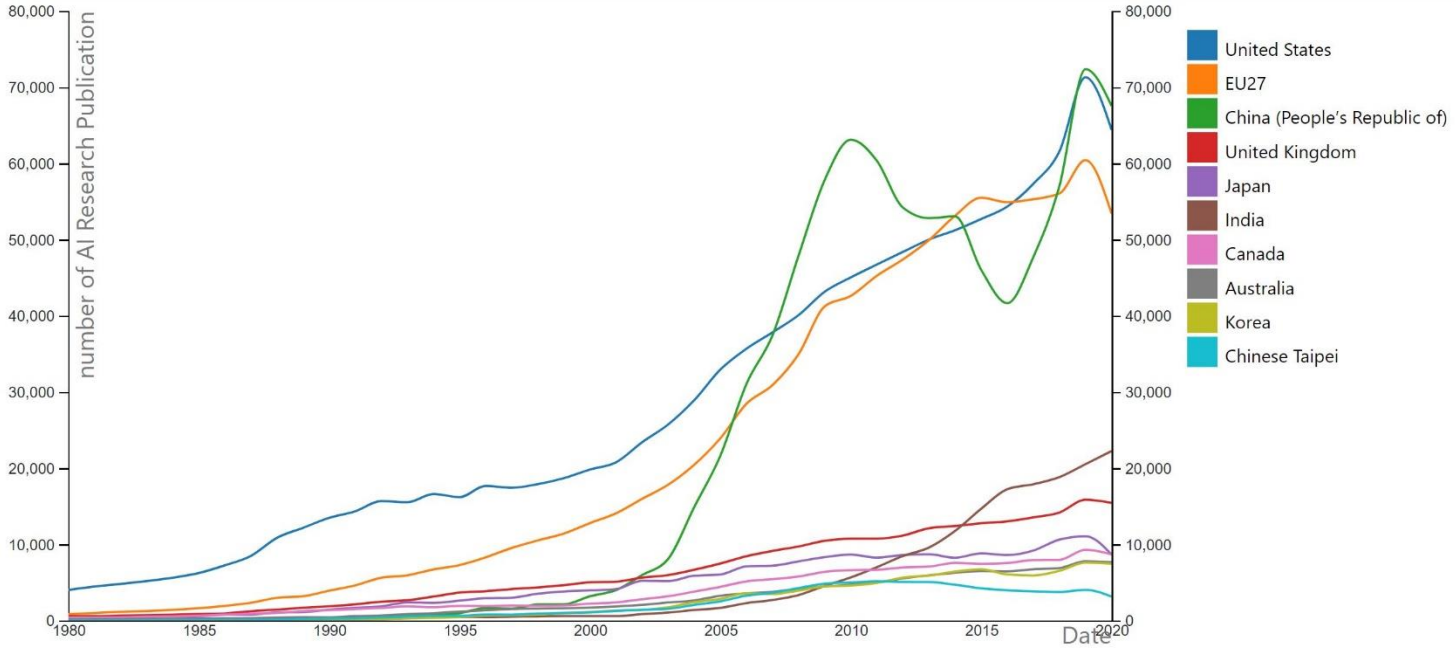
This section leverages live data from partners to show timely trends about where, how and at what rate AI is being developed and used, and in which sectors.

AI news | AI research | AI jobs and skills

Year: 1980->2020 Cumulative Estimated 2020 value Quality Rankings: Include All

Publication Type: Research Publications Scale: absolute number logarithmic scale growth ratio Add Country

Group EU27 Clear All Download Download As Image



Live data from partners

This section leverages live data from partners to show timely trends about where, how and at what rate AI is being developed and used, and in which sectors.

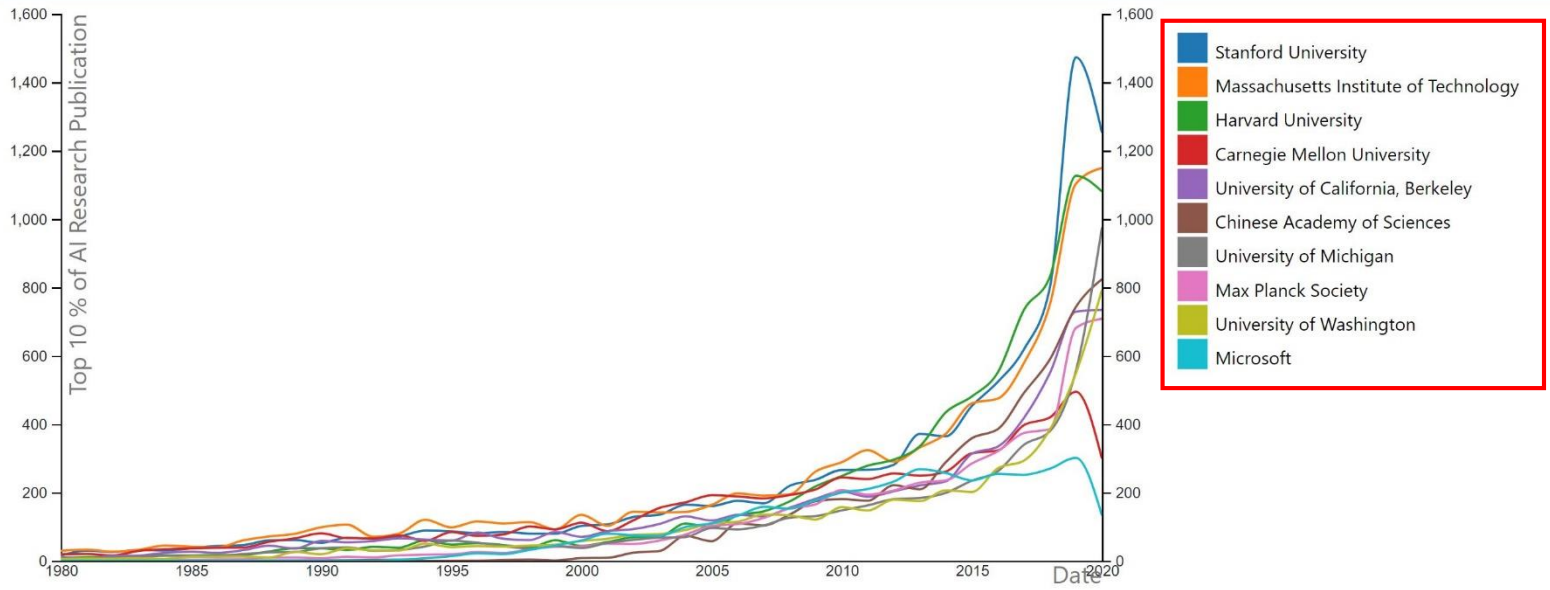
AI news | AI research | AI jobs and skills

Year: 1980->2020 Cumulative Estimated 2020 value Quality Rankings: Top 10%

Publication Type: Research Publications Institution Type: All

Scale: absolute number logarithmic scale growth ratio Add Institution

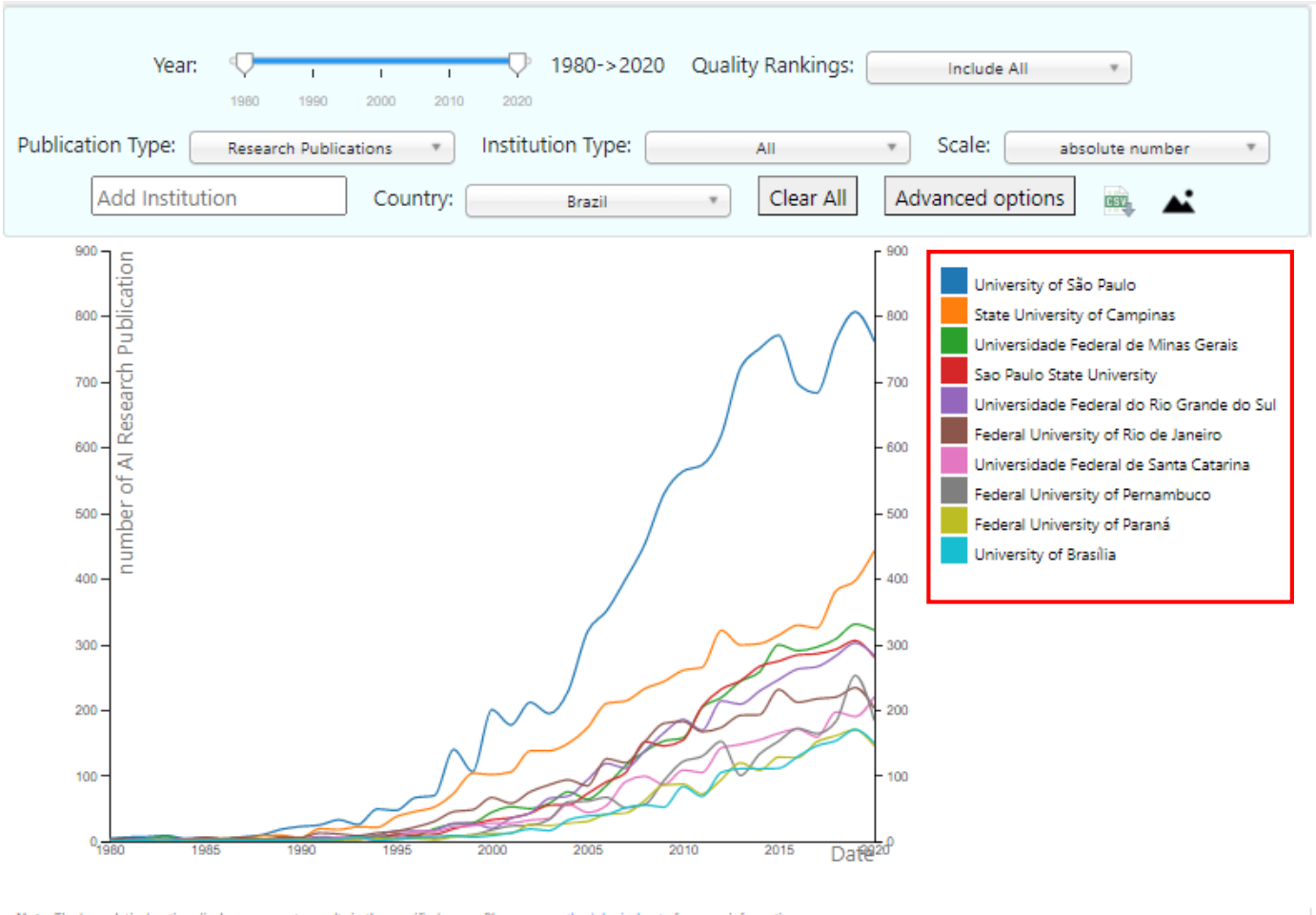
Country: All countries Clear All Download Download As Image



Live data from partners

This section leverages live data from partners to show timely trends about where, how and at what rate AI is being developed and used, and in which sectors.

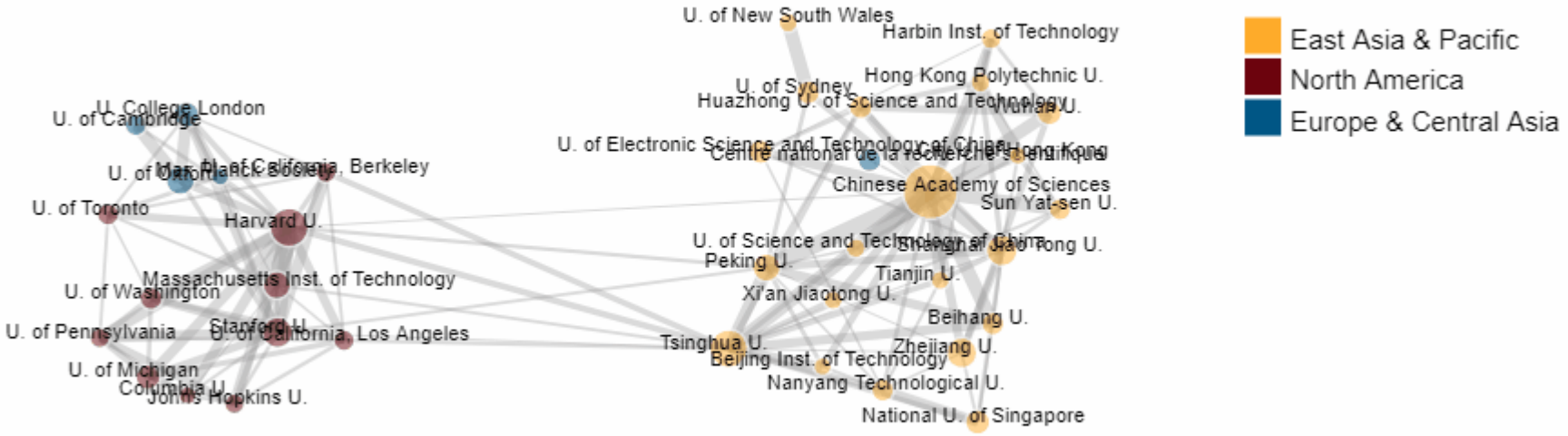
AI news | AI research | AI jobs and skills



Live data from partners

This section leverages live data from partners to show timely trends about where, how and at what rate AI is being developed and used, and in which sectors.

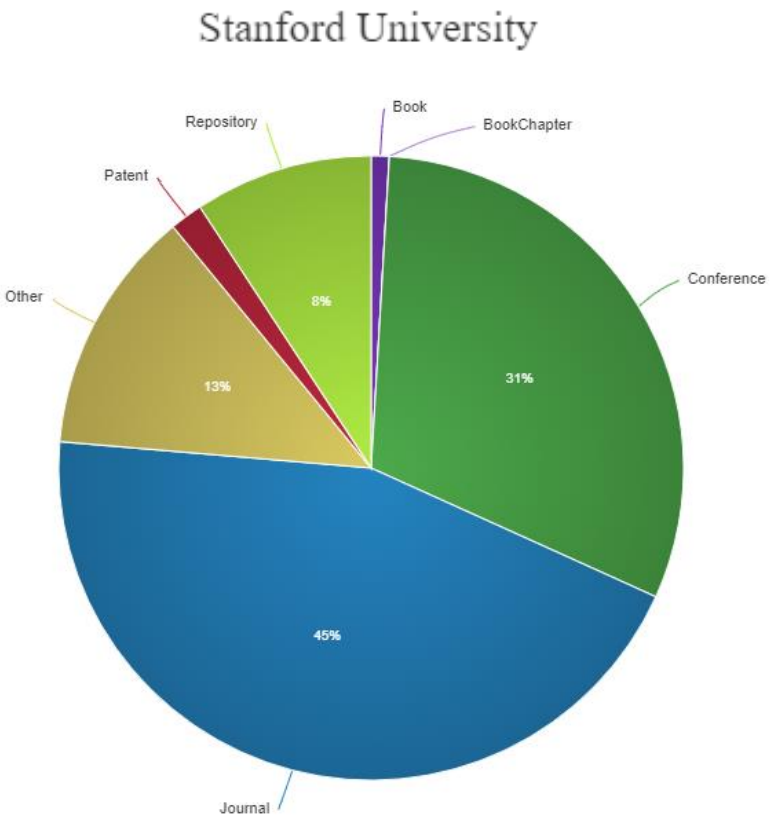
AI news | AI research | AI jobs and skills

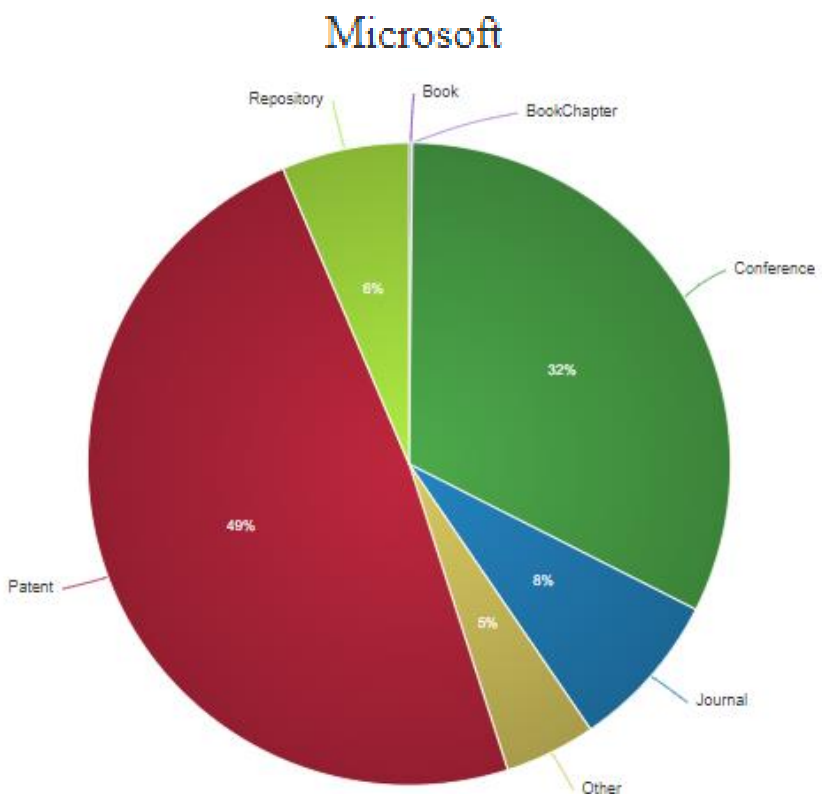


Live data from partners

This section leverages live data from partners to show timely trends about where, how and at what rate AI is being developed and used, and in which sectors.

AI news | AI research | AI jobs and skills



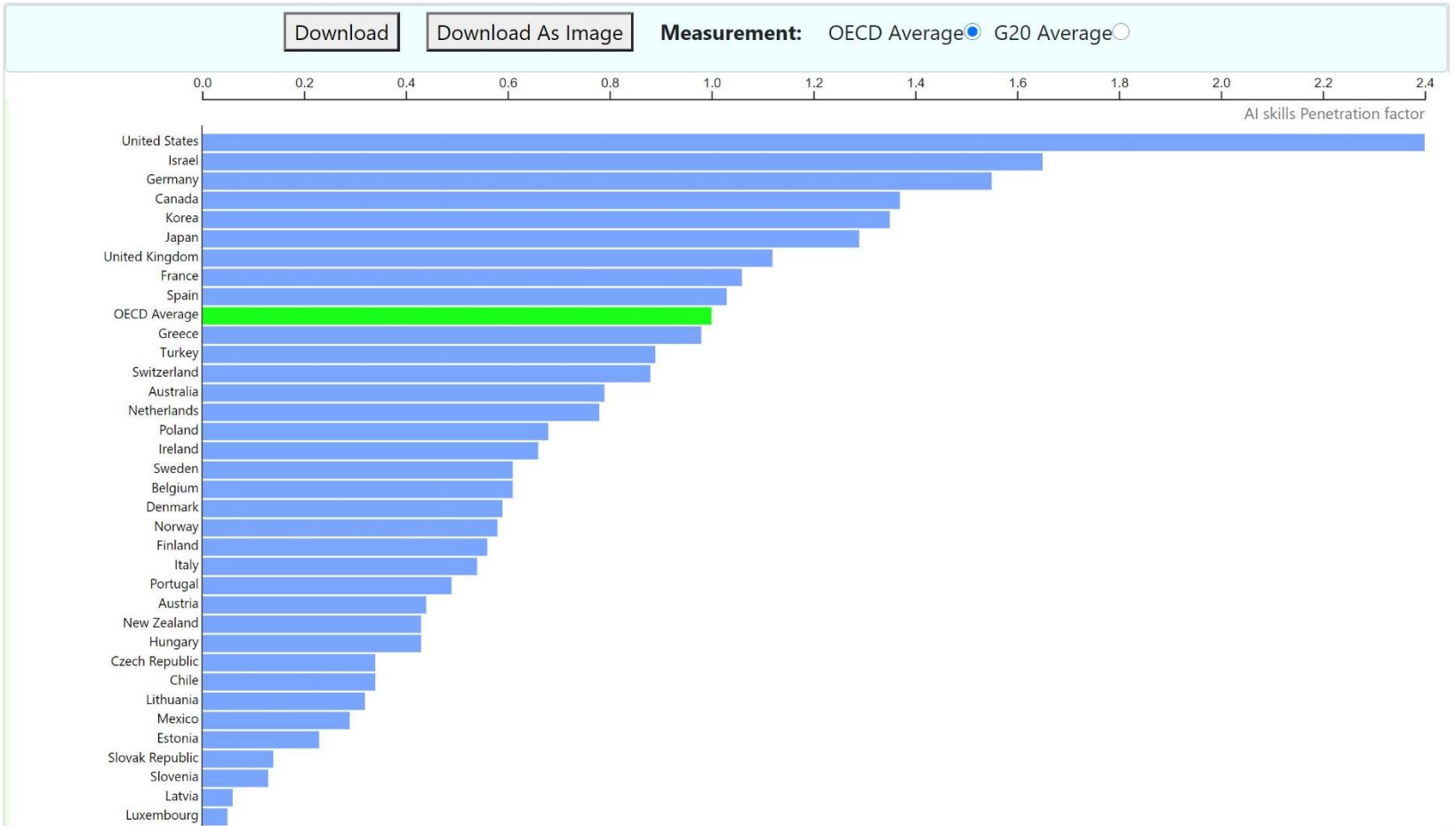


Live data from partners

This section leverages live data from partners to show timely trends about where, how and at what rate AI is being developed and used, and in which sectors.

AI news | AI research | AI jobs and skills

AI skills penetration

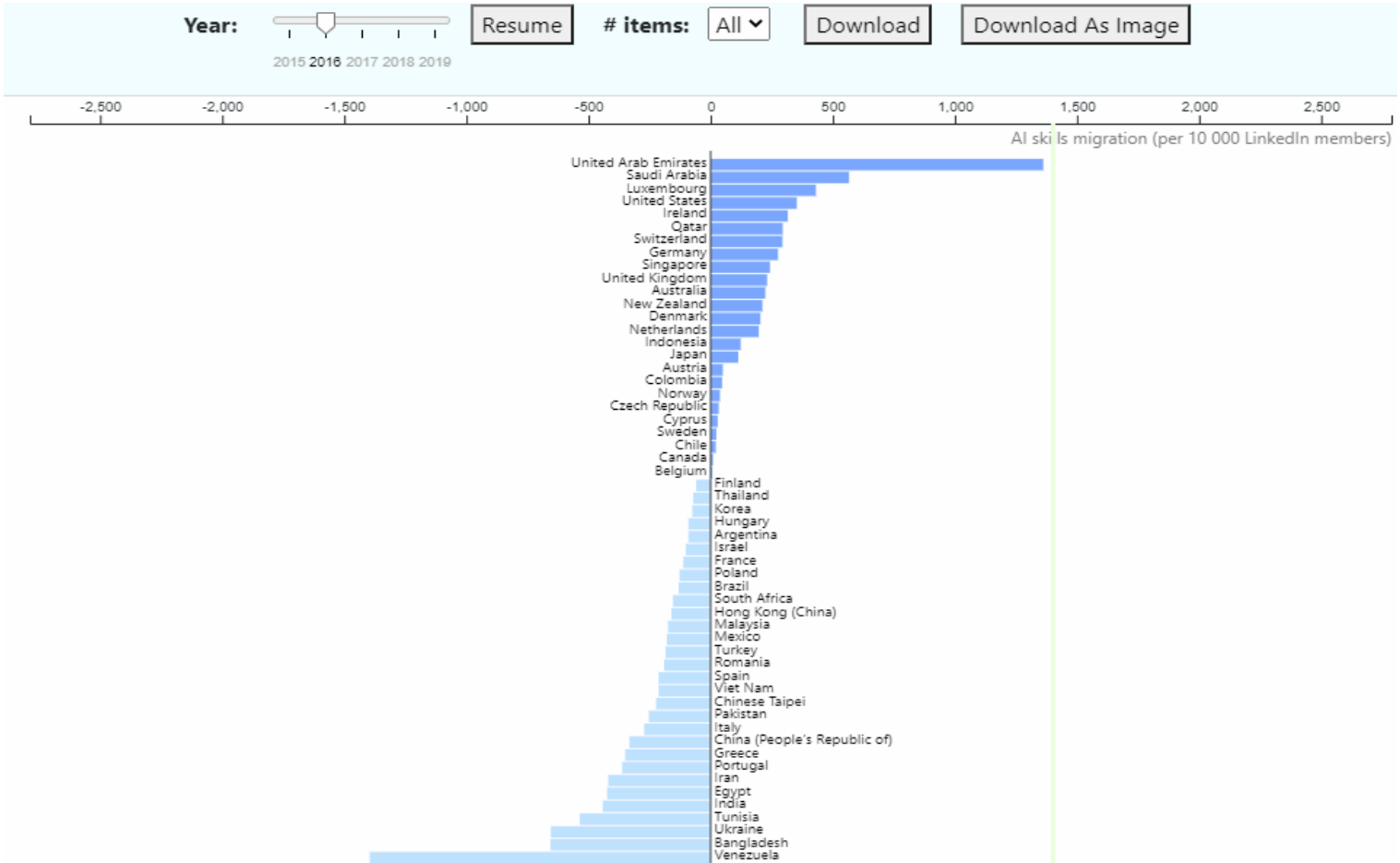


Live data from partners

This section leverages live data from partners to show timely trends about where, how and at what rate AI is being developed and used, and in which sectors.

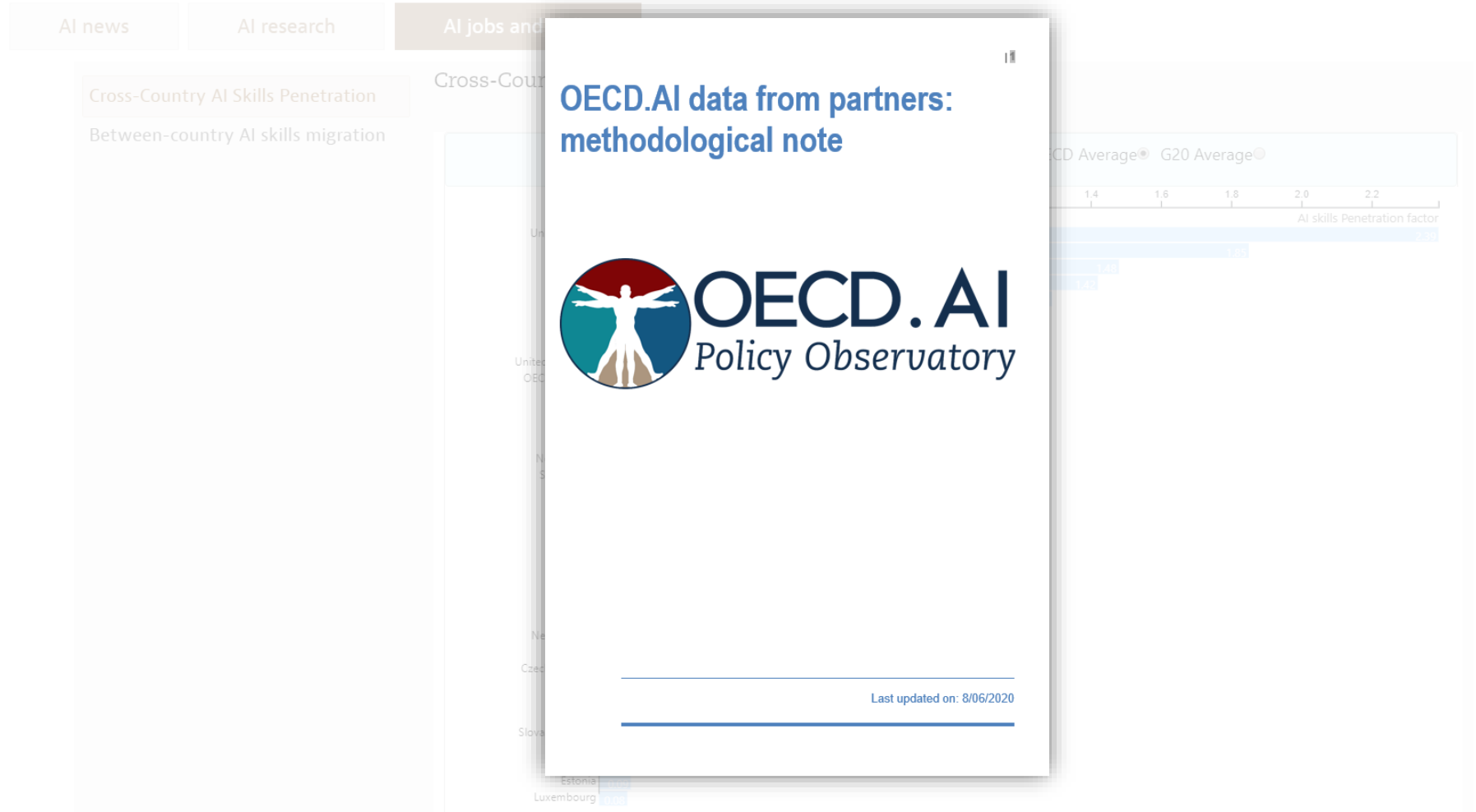
AI news | AI research | AI jobs and skills

AI skills migration



Live data from partners

This section leverages live data from partners to show timely trends about where, how and at what rate AI is being developed and used, and in which sectors.

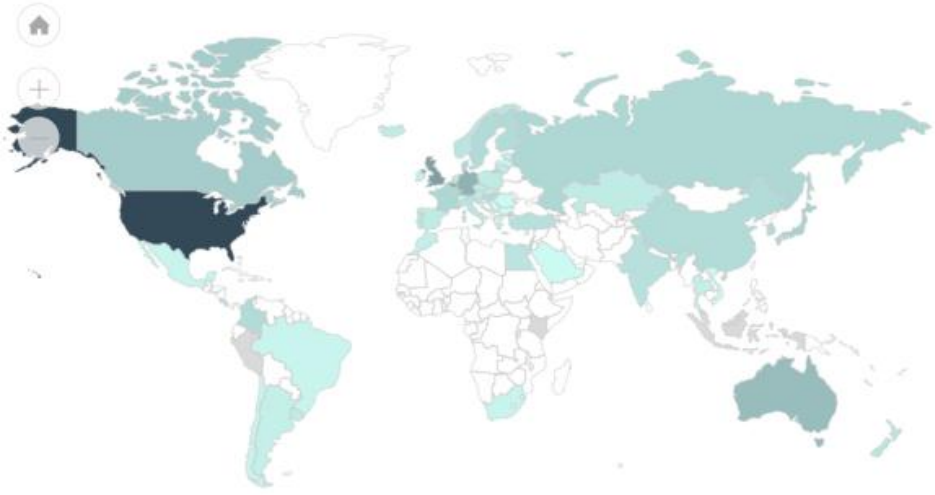


National AI policies & strategies

This section provides a live repository of over 300 AI policy initiatives from 60 countries, territories and the EU. Click on a country / territory, a policy instrument or a group targeted by the policy.

Countries & territories | Policy instruments | Target Groups

Choose visualization: By initiative count



European Union (22)

60
Countries, territories and the EU

300+
National AI policies, initiatives and instruments

Regional disclaimer

National AI policies & strategies

This section provides a live repository of over 300 AI policy initiatives from 60 countries, territories and the EU. Click on a country / territory, a policy instrument or a group targeted by the policy.

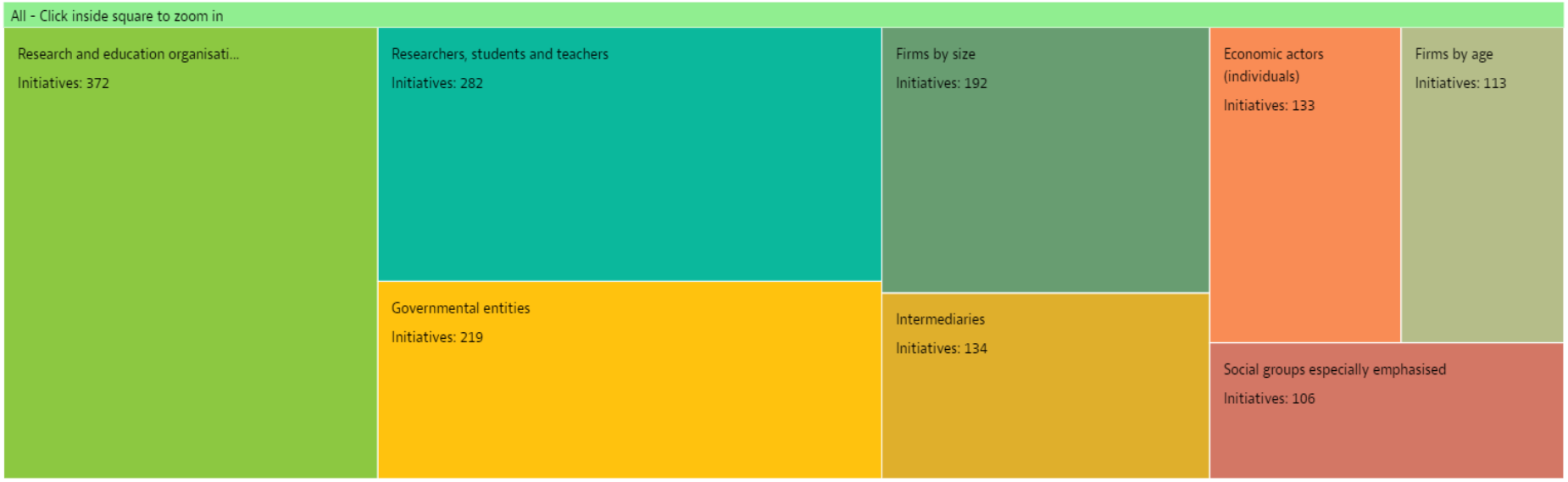
Policy instruments | Target Groups

National AI policies & strategies

This section provides a live repository of over 300 AI policy initiatives from 60 countries, territories and the EU. Click on a country / territory, a policy instrument or a group targeted by the policy.

Countries & territories | Policy instruments | Target Groups

Choose visualization: By initiative count

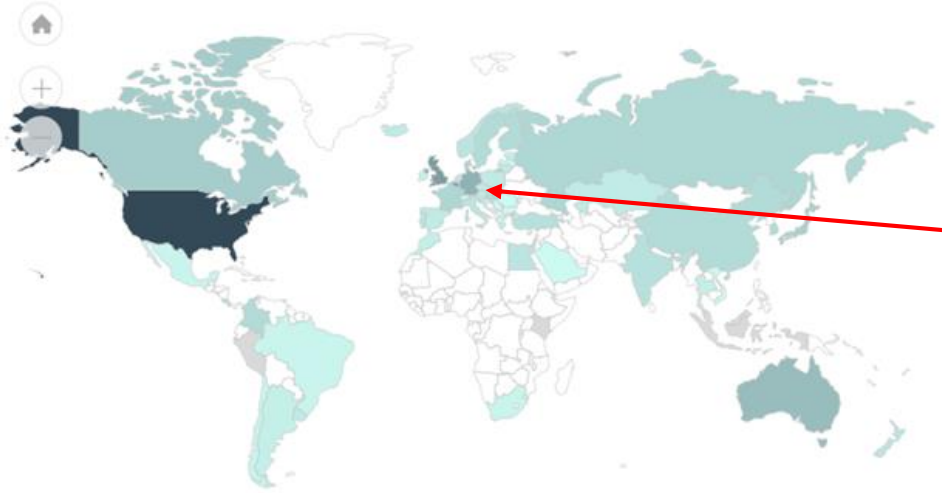


National AI policies & strategies

This section provides a live repository of over 300 AI policy initiatives from 60 countries, territories and the EU. Click on a country / territory, a po licy instrument or a group targeted by the policy.

Countries & territories | Policy instruments | Target Groups

Choose visualization: By initiative count



Select a country on the map / flags

AI in Germany

List of AI initiatives in Germany

See all 15 initiatives

Download AI policy initiatives

XML CSV

Please cite as: OECD.AI (2019), powered by EC/OECD (2019), STIP Compass database, accessed on 21/02/2020, http://oecd.ai.

Partner data on Germany

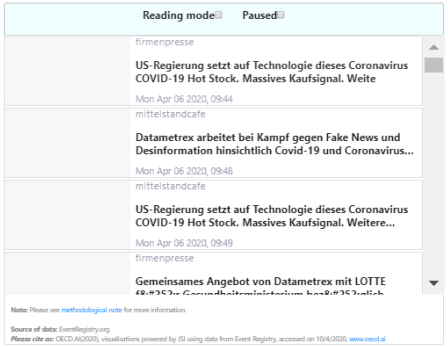
- Live AI news (EventRegistry)
- Collaborations
- Top AI research Institutions
- AI scientific publications
- Types of scientific publications

EC information on Germany

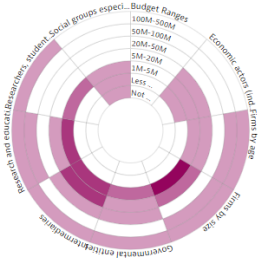
- Country summary

Policy instruments by category

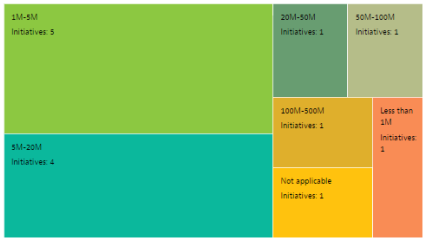
Related online news from EventRegistry



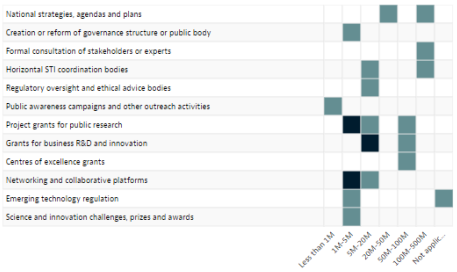
Groups targeted by the policy initiatives



Budget ranges

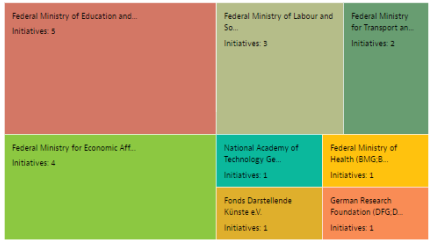


Policy instruments by number & budget



Responsible organisations

Choose visualization: By initiative count



Related OECD publications

Choose visualization: From newest to oldest

5 results

- 2020 - Adaptive Trees: a new approach to economic forecasting
- 2019 - Artificial Intelligence in Society: AI policies and initiatives
- 2019 - Hello, World: Artificial intelligence and its use in the public sector
- 2019 - The digital innovation policy landscape in 2019

Top AI research institutions

- Max Planck Society — 6349 publications
- Technische Universität München — 1880 publications
- RWTH Aachen University — 1048 publications
- Karlsruhe Institute of Technology — 922 publications

Future indicators (WIP)

Aggregate-level visualisations of:

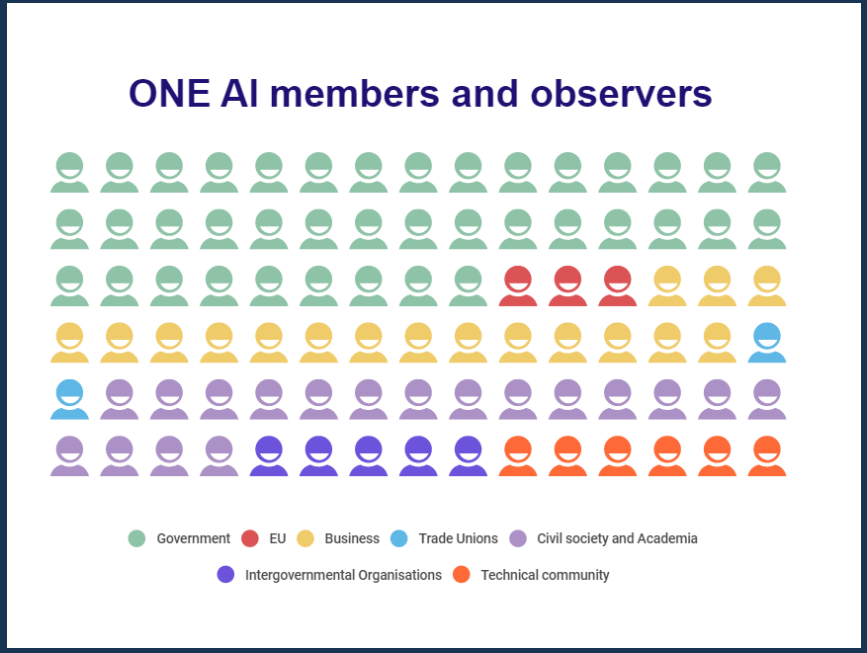
- AI trending search topics
- Venture capital investments
- Financial statements
- AI software development
- AI online education
- Hardware/compute data
- AI job adverts
- AI master’s degrees

ONE AI

A multi-stakeholder group of experts is helping the OECD CDEP develop practical implementation guidance.

3 Working Groups:

1. The classification of AI systems
2. Implementing trustworthy AI
3. National AI policies



ONE AI: from Principles to practice

OECD AI Principles

ONE AI - WG1
Classifying AI systems

Principles for responsible stewardship of trustworthy AI

1.1. Inclusive growth, sustainable development and well-being
1.2. Human-centred values and fairness
1.3. Transparency and explainability
1.4. Robustness, security and safety
1.5. Accountability

ONE AI - WG2
'Implementing trustworthy AI'

National policies and international cooperation for trustworthy AI

2.1. Investing in AI research and development
2.2. Fostering a digital ecosystem for AI
2.3. Providing an enabling policy environment for AI
2.4. Building human capacity and preparing for labour transition
2.5. International cooperation

ONE AI - WG3
'National AI policies'

OECD Network of Experts on AI
WG1 on Classification of AI systems

Goal: Develop a user-friendly framework to navigate policy implications of different types of AI systems

Approach: Explore AI system attributes via 4 different dimensions to develop the framework:

- **Context / sector** (e.g., transportation, healthcare, hiring/HR)
- **Output / task** that describe how the AI system interacts with the world (e.g., recognition, personalization, event detection etc.)
- **Input / data**
- **AI model / technological methods** that substantively inform other attributes (e.g., robustness, level of automation, explainability).

Co-Moderators:

Marko Grobelnik, AI Researcher & Digital Champion, AI Lab, Slovenia Jozef Stefan Institute

Dewey Murdick, Director of Data Science, Center for Security and Emerging Technology (CSET), School of Foreign Service, Georgetown University

Jack Clark, Policy Director, OpenAI

Monitor trustworthy AI systems?

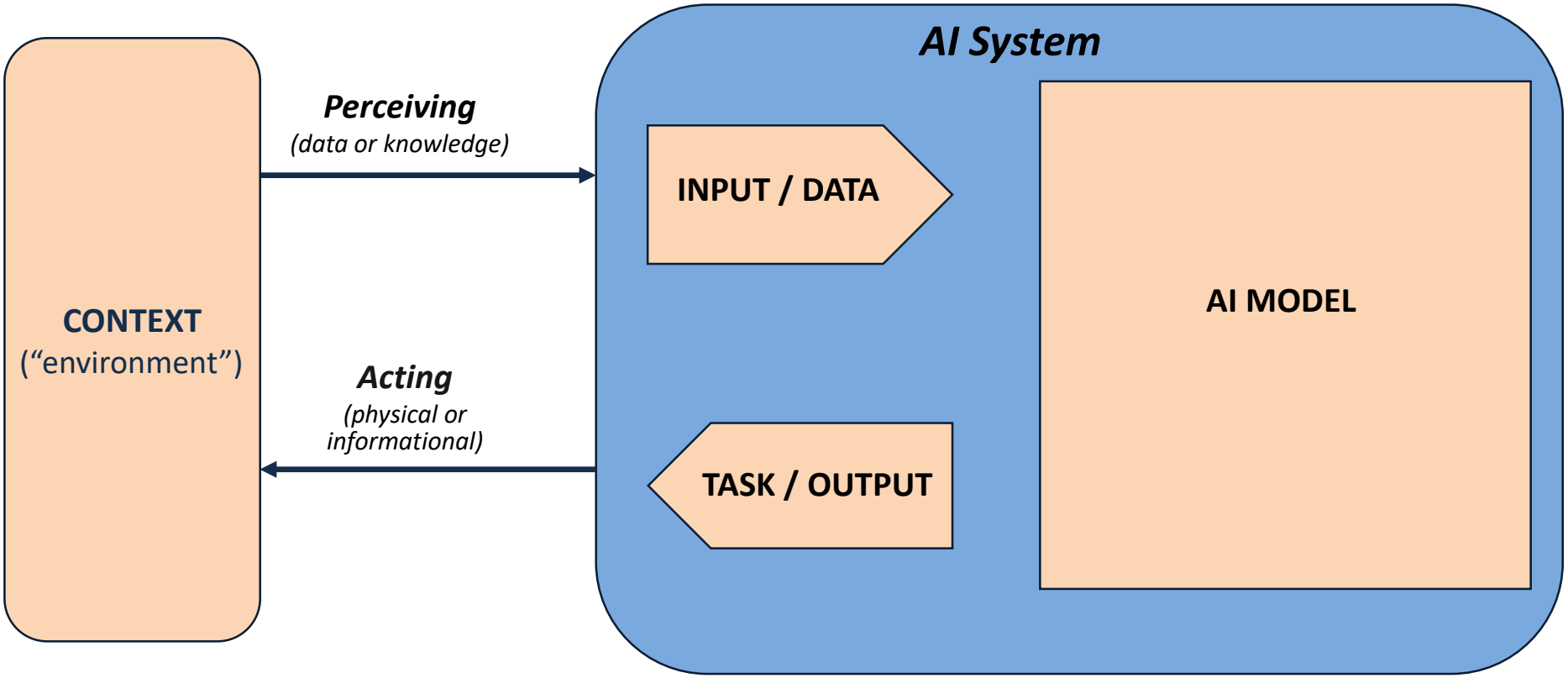
«Comment voulez-vous gouverner un pays où il existe 258 variétés de fromage !»

Charles de Gaulle, 1962

Lots of different cheeses!

Different types of AI systems in different contexts raise different policy considerations

Mapping of 4 dimensions for classification



An AI system is a machine-based system that is capable of influencing the environment by making recommendations or predictions for a given set of objectives. It uses inputs/data to: i)perceive environments; ii) abstract these perceptions into models; and iii) interpret the models.
AI systems are designed to operate with varying levels of autonomy.

OECD Network of Experts on AI
WG2 on Implementing trustworthy AI

Goal: Identify practical guidance and shared procedural approaches to help AI actors and decision-makers to implement effective, efficient and fair policies for trustworthy AI.

Approach: a short and practical framework serving as a reference for AI actors in their implementation efforts via analysis of a survey of initiatives – over 70 fairly detailed responses with many of the main initiatives covered:

- Codes of conduct/guidelines; Risk management frameworks; Corporate governance.
- Software tools; Technical research; Technical standard.
- Awareness building; Capacity building.

Co-moderators:

Adam Murray, ONE AI Chair and US delegate to CDEP

Carolyn Nguyen, Director of Technology Policy, Microsoft

Barry O'Brien, Government and Regulatory Affairs Executive, IBM

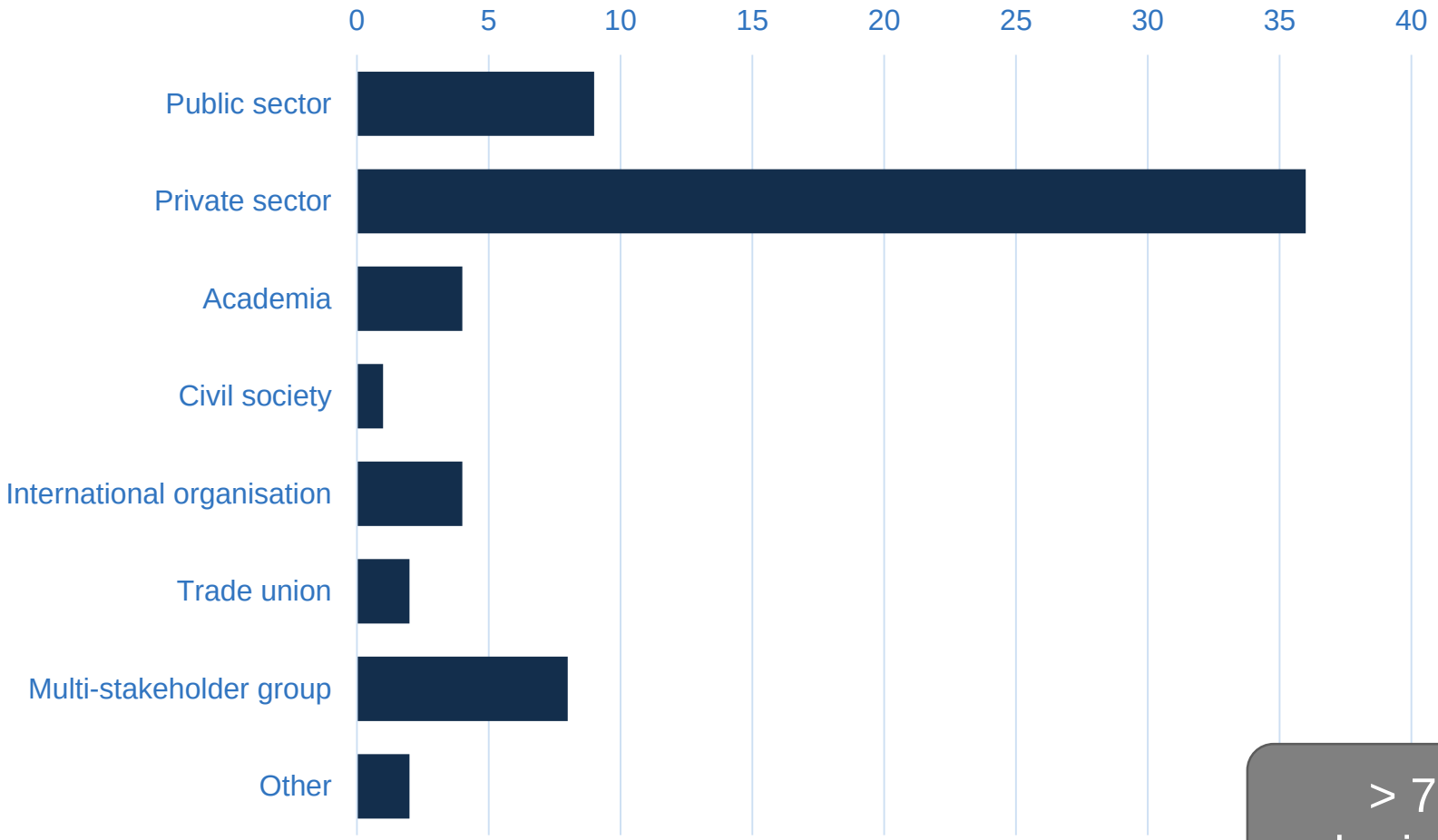
WG2 Survey

https://oecd.ai/survey

OECD.AI Policy Observatory

Summary

By stakeholder type



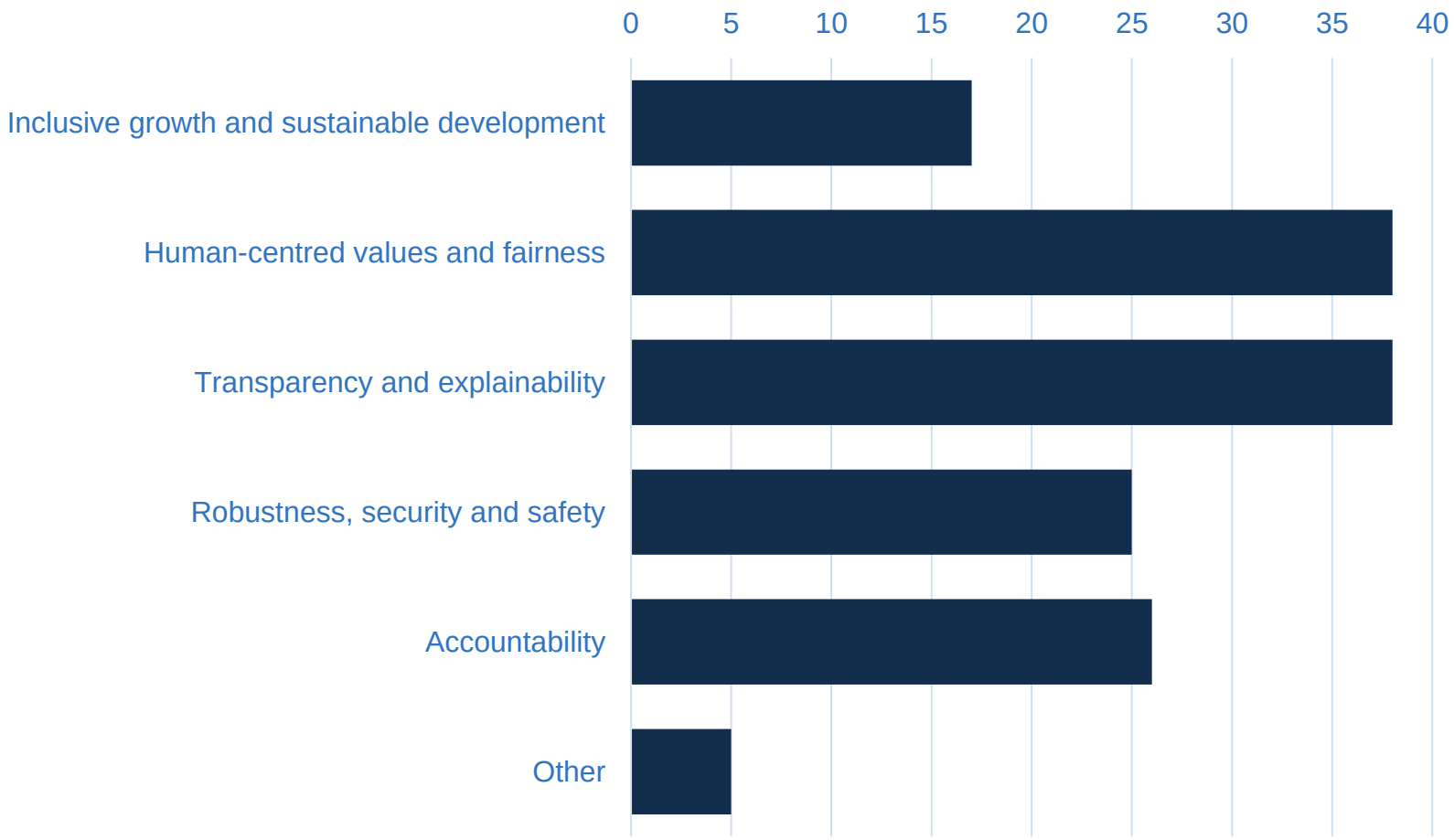
> 70 submissions

OECD

OECD.AI Policy Observatory

Summary

By AI Principle



OECD

OECD.AI Policy Observatory

Analysis

1 Group similar tools/frameworks

Group 1 (37 use cases)	Group 2 (33 use cases)	Group 3 (21 use cases)
• Codes of conduct • Risk management frameworks • Corporate governance	• Software tools • Technical research • Technical tools	• Capacity building • Awareness building

2 Criteria for analysis

- Rank most relevant (by AI Principle)
- Find common strengths
- Find common weaknesses
- Find gaps
- Provide ideas for assessment
- Assess possible international co-operation

OECD

OECD Network of Experts on AI
WG3 on national AI policies

Goal: Identify good practices for implementing the 5 recommendations to policy-makers contained in the AI Principles:

1. Investing in AI R&D
2. Fostering a digital ecosystem for AI
3. Shaping an enabling policy environment for AI
4. Building human capacity and preparing for labour market transformation
5. International co-operation for trustworthy AI

Deliverable: A practical guidance report containing a set of good practices to implement these 5 recommendations to policy makers

Co-moderators:

Andras Hlacs, Counsellor, Permanent Delegation of Hungary to OECD

Mike Selitto, Deputy Director, Stanford Institute for Human-Centered AI (HAI)

OECD Network of Experts on AI
WG3 on national AI policies

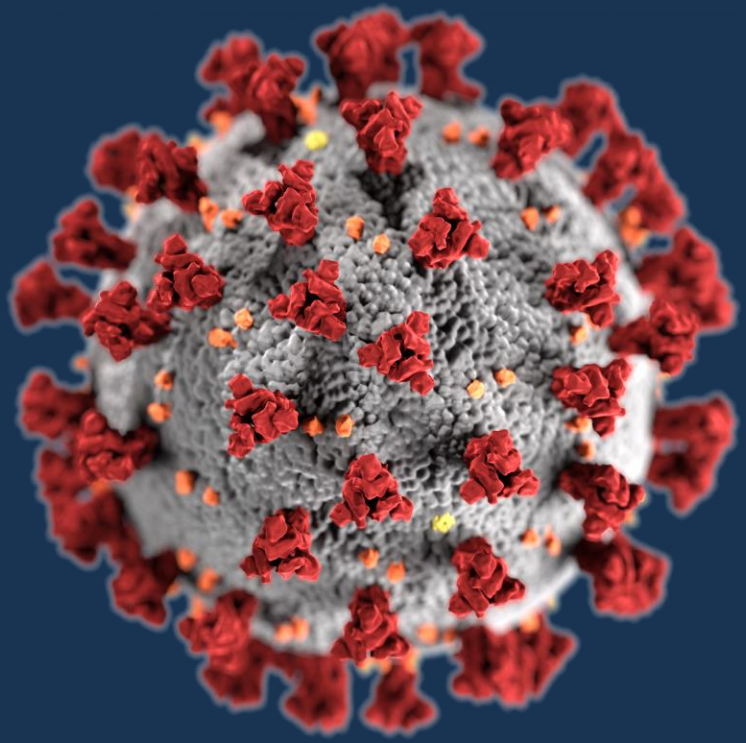
A. Policy design
governance, processes used to formulate national AI strategies and policies

B. Policy implementation
of the 5 recommendations

C. Policy Intelligence
to monitor implementation

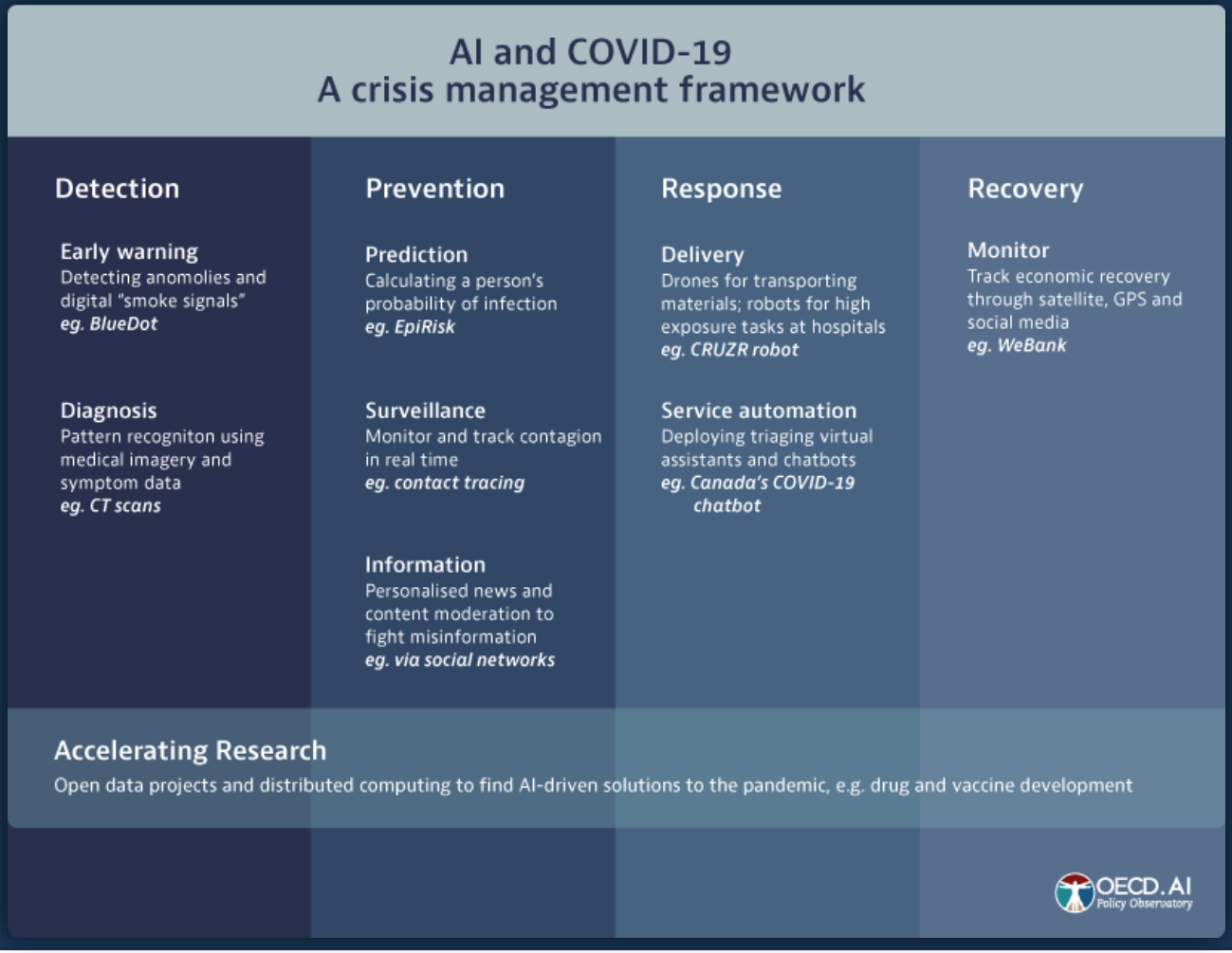
D. International multi-stakeholder co-operation
good practices by other IGOs

COVID-19 Resources



COVID-19 Resources

"*Using artificial intelligence to help combat COVID-19*"
Policy brief



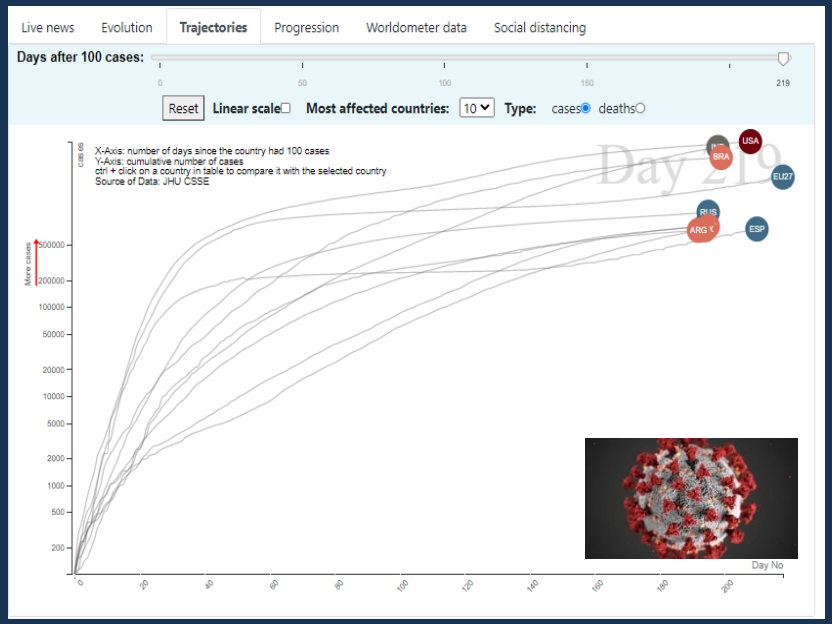
English Portuguese Spanish French

OECD

COVID-19 Resources

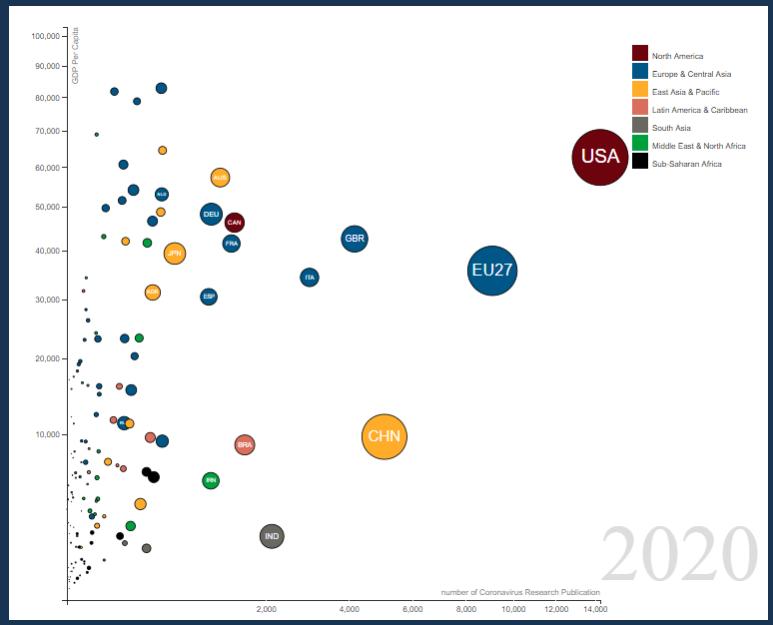
AI-powered COVID-19 tracker

Follow the latest COVID-19 developments in your country in real time



COVID-19 research

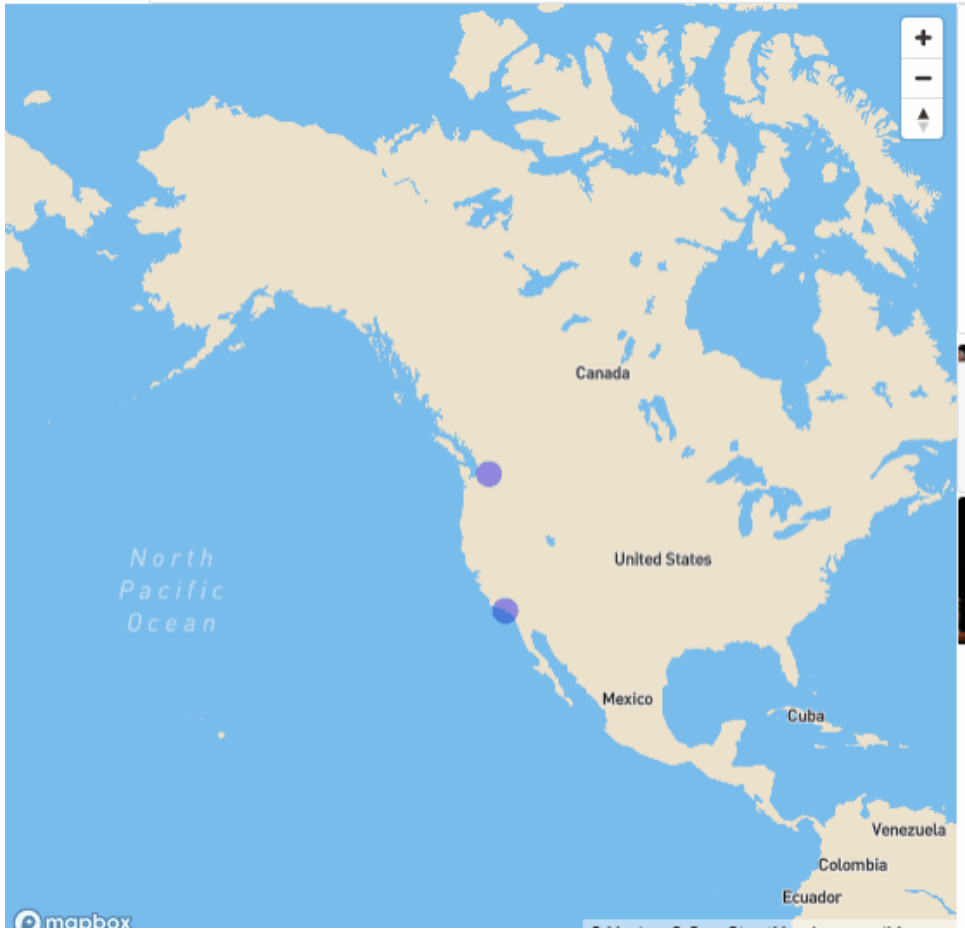
Live data on COVID-19-related publications (MAG)



AI-powered COVID-19 watch

Stay safe, stay informed: follow the latest COVID-19 developments in your country in real time with this AI-powered tool (click on your country's name to zoom in).

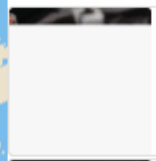
Live news | Evolution | Trajectories | Progression | Worldometer data | Social distancing



Tue Sep 29 2020, 10:51:00 PM

To UN, Israeli Prime Minister says 'no doubt' more Arab countries will soon...

While telling the UN General Assembly on Tuesday there was "good news" to report about the "expanding circle of peace" between Israel and some Arab countries, Prime Minister Benjamin Netanyahu also accused Hezbollah militants of storing weapons in a residential area of Beirut. Opening his video address, pre-recorded due to the coronavirus pandemic, on a positive note, Mr. Netanyahu said that while the Middle



Washington Examiner

New York voters receive absentee ballots with...

Tue Sep 29 2020, 10:51:00 PM

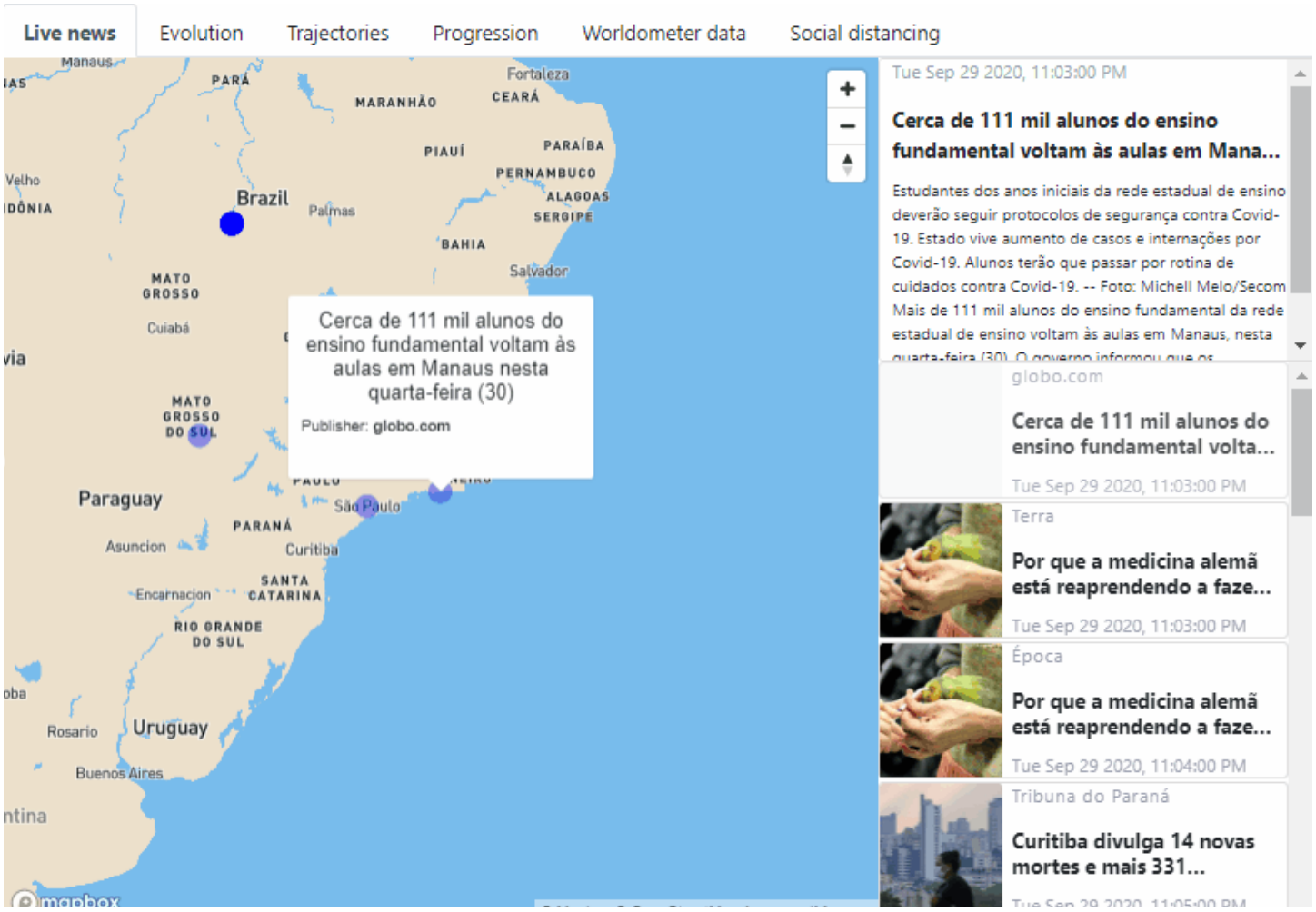
Yahoo Sports

Commissioner Goodell sends COVID-19 message to all N...

Tue Sep 29 2020, 10:51:00 PM

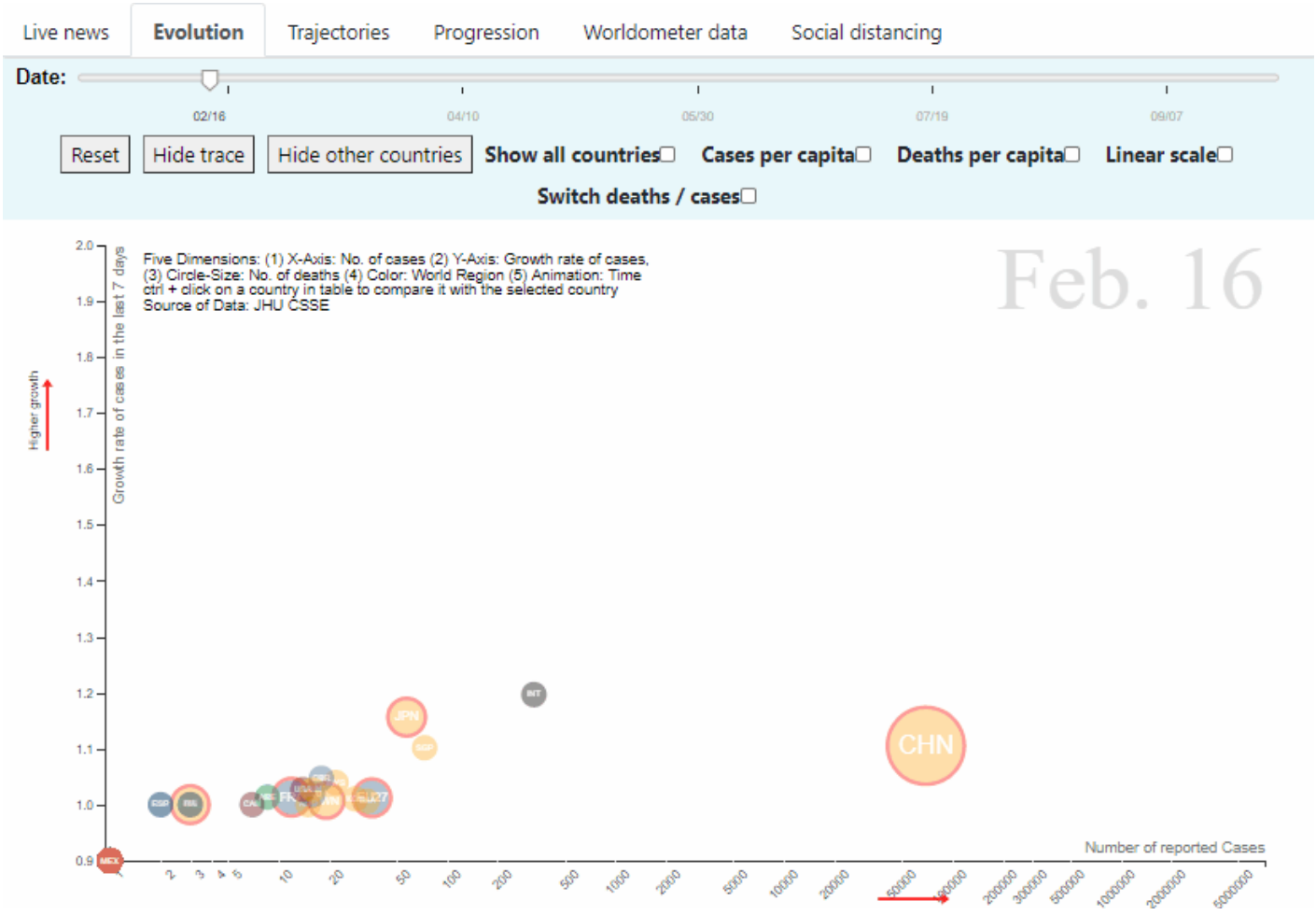
AI-powered COVID-19 watch

Stay safe, stay informed: follow the latest COVID-19 developments in your country in real time with this AI-powered tool (click on your country's name to zoom in).



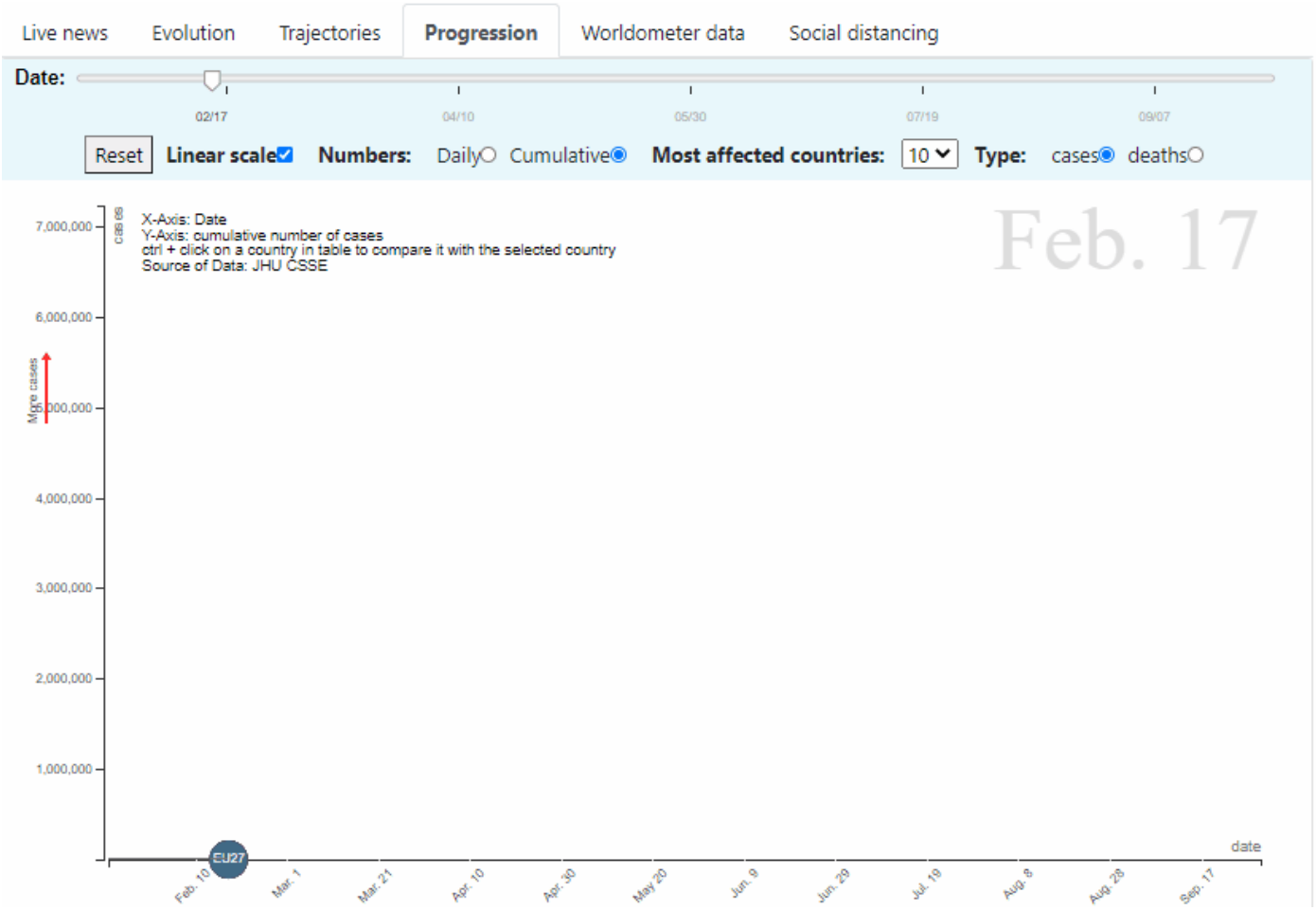
AI-powered COVID-19 watch

Stay safe, stay informed: follow the latest COVID-19 developments in your country in real time with this AI-powered tool (click on your country's name to zoom in).



AI-powered COVID-19 watch

Stay safe, stay informed: follow the latest COVID-19 developments in your country in real time with this AI-powered tool (click on your country's name to zoom in).



AI-powered COVID-19 watch

Stay safe, stay informed: follow the latest COVID-19 developments in your country in real time with this AI-powered tool (click on your country's name to zoom in).

Live news Evolution **Trajectories** Progression Worldometer data Social distancing

Live data from partners

This section leverages live data from partners to show timely trends about where, how and at what rate AI is being developed and used, and in which sectors.

AI news | AI research | AI jobs and skills | COVID-19 research

Live data from partners

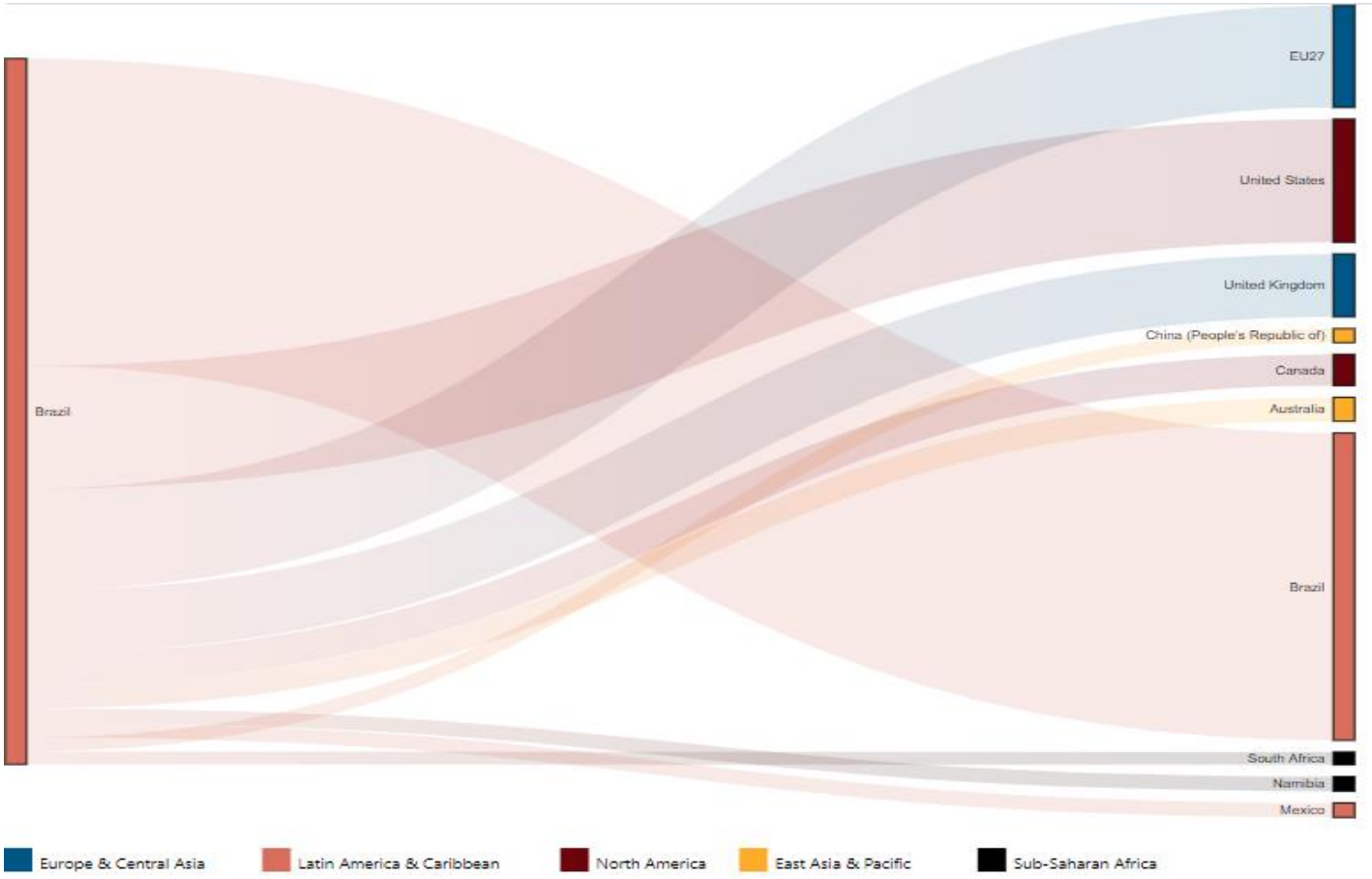
This section leverages live data from partners to show timely trends about where, how and at what rate AI is being developed and used, and in which sectors.

AI news | AI research | AI jobs and skills | COVID-19 research

Live data from partners

This section leverages live data from partners to show timely trends about where, how and at what rate AI is being developed and used, and in which sectors.

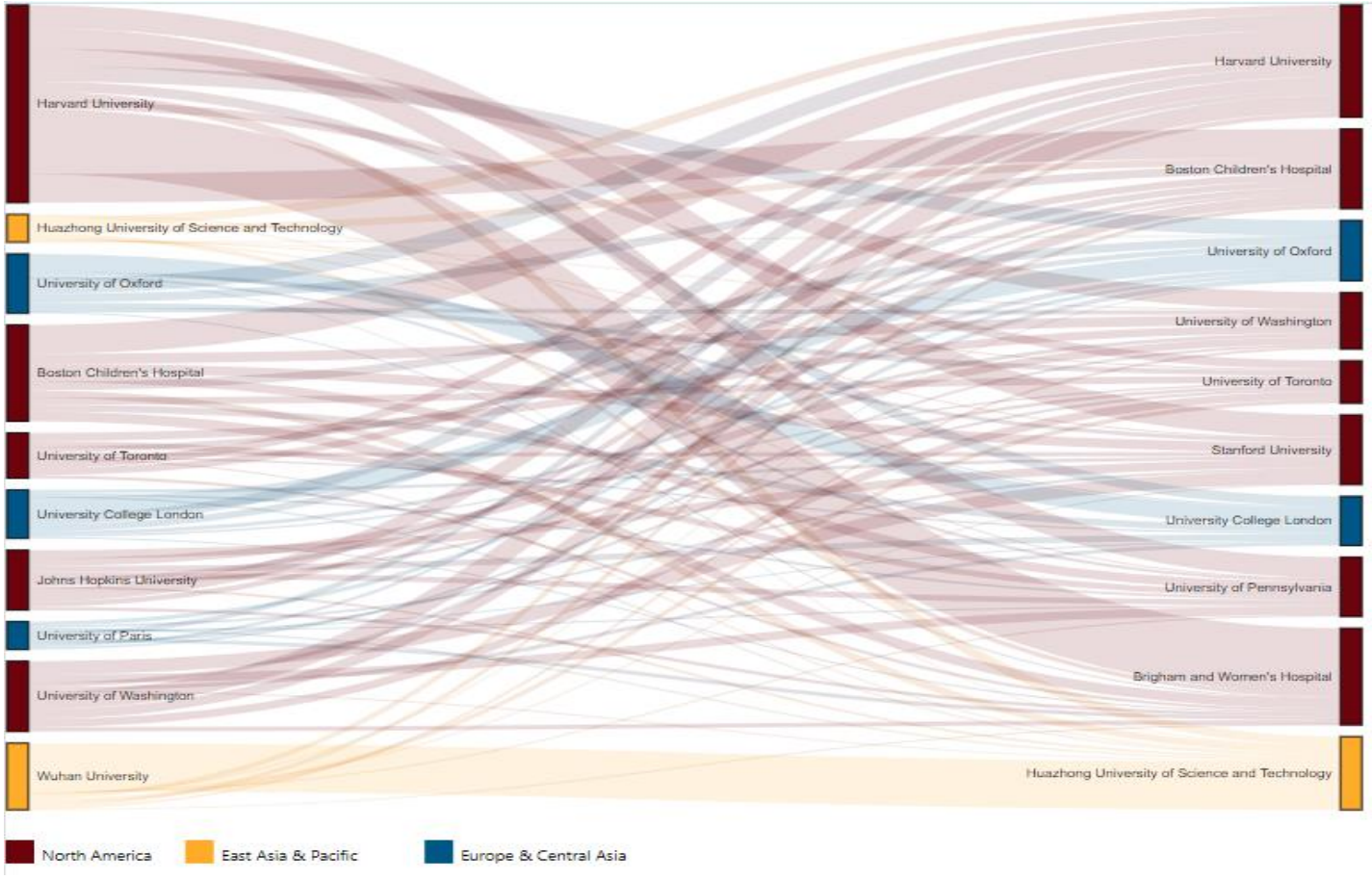
AI news | AI research | AI jobs and skills | COVID-19 research



Live data from partners

This section leverages live data from partners to show timely trends about where, how and at what rate AI is being developed and used, and in which sectors.

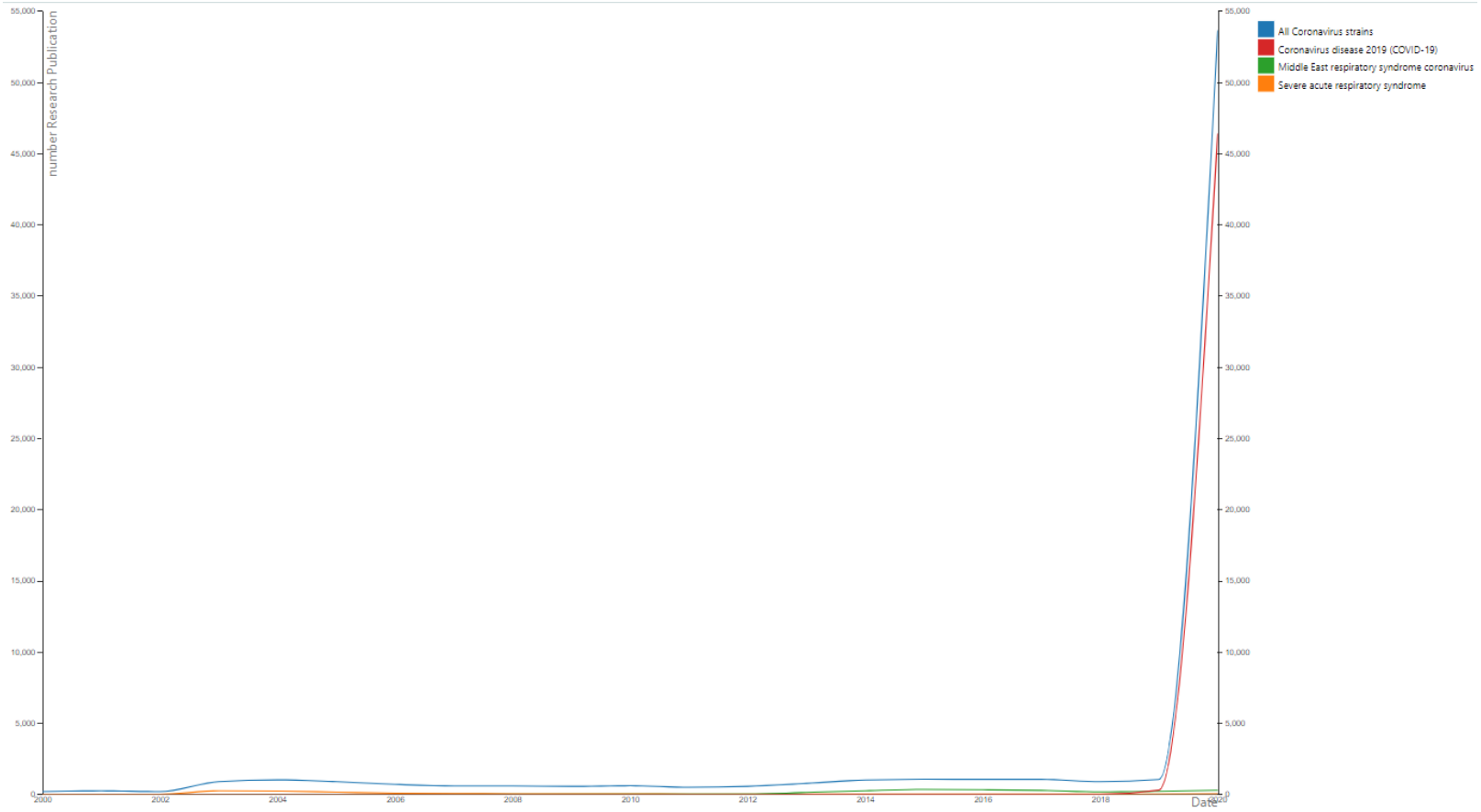
AI news | AI research | AI jobs and skills | COVID-19 research



Live data from partners

This section leverages live data from partners to show timely trends about where, how and at what rate AI is being developed and used, and in which sectors.

AI news | AI research | AI jobs and skills | COVID-19 research



The AI Wonk

Not all intelligence is artificial. Keep yours real with the AI Wonk blog.

Intergovernmental

Artificial intelligence in health still needs human intelligence

COVID-19 has shown that AI can deliver benefits, but it has also exposed its limits, often related to having the right data.

Technical community

Three habits to cultivate when converting ethical AI principles into ethical AI practice

May 11, 2020 — 4 min read

Intergovernmental

Harnessing Artificial Intelligence for Development

July 29, 2020 — 4 min read

Intergovernmental

The IDB is bringing responsible and ethical AI to Latin America and the Caribbean

June 3, 2020 — 4 min read

Government

Singapore's model framework balances innovation and trust in AI

To sustain a trusted AI ecosystem, Singapore has to be proactive about providing guidance for AI and responding to industry realities.

June 24, 2020 — 5 min read

Business

Can AI combat cognitive capacity issues and information overload?

Cybersecurity, viral pandemics and climate change make fostering international co-operation and access to knowledge more urgent than ever.

June 15, 2020 — 3 min read

An introduction to the Global Partnership on AI's work on Responsible AI

The Global Partnership on AI (GPAI) has a mission to "support the development and use of AI based on human rights, inclusion, diversity, innovation, and economic growth, while seeking to address the U...

September 1, 2020 — 6 min read

An introduction to the Global Partnership on AI's work on data governance

Jeni Tennison, Co-Chair of GPAI's Working Group on Data Governance, introduces her working group and its mission.

August 21, 2020 — 6 min read

Intergovernmental

Harnessing Artificial Intelligence for Development

Governments can help balance opportunities and risks linked to AI.

July 29, 2020 — 4 min read

THANK YOU

Visit the **OECD AI Policy Observatory (OECD.AI)** for more, including:

- Overview of the OECD AI Principles
- Latest research in AI policy areas
- AI-powered COVID-19 watch
- Trends and data
- Interactive database of country's AI initiatives
- The AI Wonk blog