



Center for AI and
Digital Policy

Artificial International and Democratic Values: AI Social Contract Index 2020

The Background



- First comparative study of national AI policies based on common metrics
- First numeric evaluation of national AI policies
- First ranking of nations based on numeric evaluation
- Based on global norms for AI and democratic values

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The Numbers



=> The Study

- 30 countries
- 12 metrics
- Scores from 10.5 (Germany) to 2.5 (Kazakhstan)
- Grouped in 5 tiers

=> The Research

- 100,000+ words, 1,000+ footnotes
- 20+ researchers, a dozen countries (Bios at CAIDP website)
- 25 outside reviewers (comments in press release)

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The Findings: General

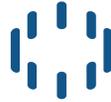


- OECD/G20 AI Guidelines are influential
- AI policy safeguards build on data protection law
- There are “red lines” for AI (facial surveillance in schools and public spaces, criminal sentencing, scoring of citizens)
- AI policy is in early days but pace is accelerating

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The Findings: Specifics



- Germany in Tier I - robust safeguards, AI leadership, public participation, strong data protection infrastructure
- Tier II - Canada, France, Korea, Japan, and others
- US in Tier III - opaque policy process, absence of privacy law
- China in Tier IV - widespread use of AI techniques (scoring and face surveillance) for tracking minorities (Uyghers) and political opponents (Hong Kong)

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The Recommendations

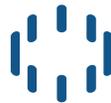


1. Countries must establish national policies for AI that implement democratic values
2. Countries must ensure public participation in AI policymaking and also create robust mechanisms for independent oversight of AI systems
3. Countries must guarantee fairness, accountability, and transparency in all AI systems
4. Countries must commit to these principles in the development, procurement, and implementation of AI systems for public services
5. Countries must halt the use of facial recognition for mass surveillance

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Future Plans



- Provide report to key decision makers at EU, Council of Europe, UN, White House and Congress, G20, other national governments, and international organizations
- Promote democratic values in AI policy
- Update *AI and Democratic Values* during 2021 at CAIDP
- Publish AISCI-2021 in December 2021. Review country ratings and rankings

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References



AISCI-2020

Dec. 12 Event - bostonglobalforum.org

Report and related materials- caidp.dukakis.org/AISCI-2020/

Team bios - caidp.dukakis.org/about-2/team/

#AISCI2020

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