

## Cambrian Group Announces New Index of Countries' AI Readiness

*Report provides key insights and benchmarks for national strategies, R&D and commercial deployment of artificial intelligence*

BERKELEY, Calif. (June 14, 2019) — The United States and China have separated themselves as clear leaders in artificial intelligence development, but a new index of national AI readiness shows that an array of national strategies and R&D environments across 13 of the world's leading economies will play a critical role in shaping a future of global AI.

The Cambrian AI Index, the first benchmark of national AI competitiveness in key countries, confirms the vast lead held by the U.S. and China. However, an examination of different countries' strategies and their financial, technological and research resources reveals critical strengths and influences wielded by each of the key global players.

"The U.S. still leads across most factors for AI R&D and deployment, but China is poised to close that gap in the coming years, if it can avoid a global backlash," said Olaf Groth, managing partner of the [Cambrian Group](#) and co-author of the report. "However, this Index reveals unexpected strengths in other countries, such as South Korea, and it shows key European countries mired mid-field at best."

The English version of the index and study was developed by the Cambrian Group for the [Konrad Adenauer Foundation](#) (KAS).<sup>1</sup> It was designed to provide an initial, comparative review of plans and resources across 13 countries with national AI strategies. The significant differences between leading nations, both in attitudes toward these issues and in their approach to solving them, has started opening deeper divides in how to regulate and govern the development and deployment of AI around the world, Groth explained.

Because of the global nature of commerce and technology, these different values and strategies will create friction and raise considerable potential for economic, social and geopolitical conflict. As already evidenced by China's rapid expansion of its

### The Cambrian AI Index™

Country	Score
United States	1.00
China	0.62
Japan	0.30
United Kingdom	0.27
South Korea	0.25
Germany	0.25
Canada	0.23
India	0.23
Israel	0.23
France	0.22
Finland	0.19
Singapore	0.18
United Arab Emirates	0.11

**Source:** Cambrian Group; Konrad Adenauer Foundation

<sup>1</sup> KAS published the initial German versions in two parts, on Nov. 15 and Jan. 23.

international influence and the European Union's [General Data Protection Regulation](#) (GDPR) and the [OECD's recent endorsement of AI principles](#), decisions made in one country or region can reshape the governance and acceptance of AI technologies around the world.

"Governments, companies and individuals need to begin taking an active role in shaping not only domestic regulation, but global frameworks for AI as well," Groth said.

To develop the index, the Cambrian group compared and benchmarked 13 leading countries based on more than more than two dozen individual factors, incorporating each country's preconditions for AI development, its research and development environment and its degree of AI commercialization.

The English version of the two-part study, which includes the Cambrian AI Index and individual country discussions can be found at:

[www.cambrian.ai/post/new-index-of-countries-ai-readiness](http://www.cambrian.ai/post/new-index-of-countries-ai-readiness)

*The Cambrian Group is a Berkeley-based consulting firm that delivers clarity and strategy for the human machine economy. Through the experience of its partners and its global network of thought leaders, Cambrian provides a unique bridge between commercial, academic and government interests in artificial intelligence and other deep technologies.*

*The Konrad Adenauer Foundation is committed to peace, freedom and justice through political education, both nationally and internationally. We promote and maintain liberal democracy, the social market economy and the development and consolidation of value consensus.*

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