DATA RULES

HOW TO GOVERN ARTIFICIAL INTELLIGENCE AND THE TORRENT OF DATA FLOWING ACROSS THE GLOBE

A cross-sector Science|Business initiative to inform the EU and global dialogue on policies for fast-developing data and AI technologies – in healthcare, energy, finance and transport.

The story so far

In February 2020, the European Commission proclaimed that "data will reshape the way we produce, consume and live," as it launched a new digital strategy. Indeed, detailed data about how the world works, together with massive investment - US$37.5 billion a year - is driving the rapid development of machine learning and artificial intelligence (AI). At the same time, large sums of money are flowing into massive data infrastructure projects – "data spaces", cloud services and 5G networks. The opportunities – for improved healthcare, better urban management, greener and faster transport, and economic growth generally – are exciting and enormous.

But how do you govern a technology developing as quickly as AI? How do you apply it during unprecedented crises, such as COVID-19, or manage the torrent of data flowing across the globe on all manner of subjects? Who gets to write the rules, and who benefits?

Those questions are now under debate in world capitals – and their answers require open dialogue among industry and academia, policymakers and innovators, from Europe to the Americas and Asia, from North and South.

This Science|Business initiative is led by an expert **Steering Committee** of partner organisations from around the world to inform the EU and global dialogue on policy for fast developing data and AI technologies with online consultations, high-level roundtables, public conferences, and high-impact policy white papers. Topics include:

- *Harnessing AI and data infrastructure in healthcare, energy, transport and finance*
- *Mandatory data sharing versus data sovereignty*
- *Making AI fully transparent and the implications for liability or responsibility*
- *How the rise of edge computing/5G will change data analytics and policy*
- *North v. South: Will the new technologies worsen the digital divide?*

- **26 May 2020– AI: the new reality** *(webcast conference)*
- **30 June 2020– Real world data: Transforming the future of European health** *(webcast conference)*
- **13 October 2020– How will real-time data reshape our cities?** *(webinar)*
- **02 December 2020– Mandatory data-sharing versus data sovereignty** *(webinar)*
- **25 February 2021– AI: Who is liable?** *(webinar)*
- **8 June 2021– AI and the individual** *(webinar)*
- **15 September 2021– The great global data divide** *(webinar)*
- **1 December 2021– What real-time data means for AI** *(webinar)*
- **22 March 2022– Globalisation: Will an international consensus on AI emerge?** *(webinar)*

Upcoming events

- **15 July 2022– Breaking down the data bottlenecks in healthcare** *(hybrid session at ESOF 2022 in Leiden, The Netherlands)*
- **19 September 2022–The impact on advanced computing on AI** *(hybrid workshop in Brussels, Belgium)*
- **1 December 2022– Management by algorithm: Is it a good thing?** *(hybrid workshop in Brussels, Belgium)*

Data Rules partnership benefits:

- Designate a representative to the steering committee that sets strategy for all activities, operating by consensus
- Contribute ideas and recommendations for the white papers
- Speaking opportunity in at least one event per year
- Logo visibility on all Data Rules marketing materials

STEERING COMMITEE MEMBERS

Barcelona Supercomputing Center Centro Nacional de Supercomputación · CERN · ETH Zürich · GÉANT Networks · Services · People

Karolinska Institutet · Microsoft · NOVARTIS · OECD · Québec Fonds de recherche – Nature et technologies / Fonds de recherche – Santé / Fonds de recherche – Société et culture

SORBONNE UNIVERSITÉ · TOYOTA · UNIVERSITY OF AMSTERDAM · UNIVERSITY OF TWENTE.

SCIENCE|BUSINESS BY THE NUMBERS

17 years
since our founding by senior journalists as a Brussels- and London-based media and networking company focused on R&D policy and investment

70+ members
in the Science|Business Network. In conferences and roundtables, we provide a forum for debate on the EU's Horizon R&D programme, health data technologies, science cloud services, digital skills and more

1.7 million unique pageviews
of our live, open-access news service, monthly, in 2021. With 20K+ registrants for our twice-weekly newsletters

9,000 participants
in online conferences in 2021

90 expert white papers
on R&D policy topics we have written and published, in healthcare, energy, R&D programmes, IP, ICT, entrepreneurship and many other areas

25,000+ social media followers