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AD HOC COMMITTEE ON ARTIFICIAL INTELLIGENCE (CAHAI)

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**Addressing the challenges and opportunities arising from the
development of AI – information on work undertaken by other
organisations, member and observer states, and academia**

This document provides a non-exhaustive overview of different contributions coming from other international organisations than the Council of Europe, initiatives in member and observer states, and academia, regarding different aspects of artificial intelligence and in particular how to address the challenges and opportunities it raises for our societies and for the human rights, democracy and the rule of law. It intends to provide background information for agenda item 11.

International organisations

[Governance of the Artificial Intelligence Strategy for Europe](#)

Council of the European Union

[Artificial Intelligence for Europe](#)

European Commission

[Ethics guidelines for trustworthy AI](#) and [Policy and Investment Recommendations](#)

Independent High-Level Expert Group on Artificial Intelligence set up by the European Commission

[Liability for Artificial Intelligence and other emerging digital technologies](#)

Expert group on liability and new technologies – New technologies formation

[Statement on Artificial intelligence, robotics and 'Autonomous' Systems](#)

European Group on Ethics in Science and New Technologies

[Data quality and artificial intelligence – mitigating bias and error to protect fundamental rights](#)

Fundamental Rights Agency

[#BigData: Discrimination in data-supported decision making](#)

Fundamental Rights Agency

[Facial recognition technology: fundamental rights considerations in the context of law enforcement](#)

Fundamental Rights Agency

[Opinion about AI](#)

European Economic and Social Committee

[Human-centered Artificial Intelligence](#)

G20

[Principles on AI](#) and [Recommendation of the Council on Artificial Intelligence](#)

OECD

[Preliminary study on the technical and legal aspects relating to the desirability of a standard-setting instrument on the ethics of artificial intelligence](#)

UNESCO

[Report of the Special Rapporteur to the General Assembly on AI and its impact on freedom of opinion and expression](#)

United Nations – Special Rapporteur on the promotion and protection of the right to freedom of opinion and expression

[The Age of Digital Interdependence](#)

United Nations – Secretary-General's High-level Panel on Digital Cooperation

[White paper on artificial intelligence – A European approach to excellence and trust](#)

European Commission

[Defining Artificial Intelligence: towards an operational definition and taxonomy of artificial intelligence](#)

Joint Research Centre (European Commission)

[Non-paper on the impact of artificial intelligence and freedom of expression](#)

OSCE – Representative on Freedom of the Media

[Fundamental Rights Report 2020](#)

EU Fundamental Rights Agency

National level

[Comment permettre à l'Homme de garder la main ? Rapport sur les enjeux éthiques des algorithmes et de l'intelligence artificielle / The ethical matters raised by algorithms and artificial intelligence: how can humans keep the upper hand?](#)

France – Commission nationale informatique et libertés

[Donner un sens à l'intelligence artificielle / For a meaningful AI](#)

France – Mission led by Cedric Villani (member of Parliament)

[Opinion of the Data Ethics Commission](#)

Germany – Federal Government's Data Ethics Commission ("Datenethikkommission")

[Artificial Intelligence Strategy](#)

Germany – Federal Government

[AI at the service of Citizens](#)

Italy – Agency for Digital Italy

[Artificial intelligence and Privacy](#)

Norway – Datatilsynet (Data protection authority)

[Nationell inriktning för artificiell intelligens](#)

Sweden – Regeringskansliet (Government offices)

[AI in the UK: ready, willing and able?](#)

United Kingdom – House of Lords, selected Committee on Artificial Intelligence

[A guide to using Artificial Intelligence in the public sector](#)

United Kingdom – The Government Digital Service (GDS) and the Office for Artificial Intelligence (OAI)

Academia

[Artificial Intelligence: the global landscape of ethics guidelines](#)

Anna Jobin, Marcello Ienca, Effy Vayena – Health Ethics & Policy Lab, ETH Zurich

[AI Governance by Human Rights-Centred Design, Deliberation and Oversight: An End to Ethics Washing](#)

Karen Yeung, Andrew Howes, and Ganna Pogrebna – University of Birmingham

[AI Ethics – Too Principled to Fail?](#)

Brent Mittelstadt – Oxford Internet Institute

[Artificial Intelligence & Human Rights: Opportunities & Risks](#)

Filippo A. Raso, Hannah Hilligoss, Vivek Krishnamurthy, Christopher Bavitz, Levin Kim – Berkman Klein Center for Internet & Society at Harvard University

[Neurons Spike Back / La revanche des neurones](#)

Dominique Cardon, Jean-Philippe Cointet and Antoine Mazières – SciencePo Medialab

[Constitutional democracy and technology in the age of artificial intelligence](#)

Paul Nemitz, European Commission – Published by The Royal Society

[AI and Big Data: A blueprint for a human rights, social and ethical impact assessment](#)

Alessandro Mantelero – Polytechnic University of Turin

[Prolegomena to a White Paper on an Ethical Framework for a Good AI Society](#)

Josh Cowls and Luciano Floridi – University of Oxford - Oxford Internet Institute

[No One Should Trust Artificial Intelligence](#)

Joanna Bryson – University of Bath

[Critiquing the Reasons for Making Artificial Moral Agents](#)

Aimee van Wynsberghe and Scott Robbins – Technical University of Delft

[Counterfactual Explanations Without Opening the Black Box: Automated Decisions and the GDPR](#)

Sandra Wachter and Brent Mittelstadt - University of Oxford – Oxford Internet Institute ; Chris Russell – University of Surrey

[Algorithmic governmentality and prospects of emancipation / Gouvernamentalité algorithmique et perspectives d'émancipation](#)

Antoinette Rouvroy– University of Namur ; Thomas Berns – Université libre de Bruxelles

[The Issue of Bias. The Framing Powers of MI](#)

Mireille Hildebrandt – Vrije Universiteit Brussel

[The role of artificial intelligence in achieving the Sustainable Development Goals](#)

Ricardo Vinuesa, Hossein Azizpour, Iolanda Leite, Madeline Balaam, Virginia Dignum, Sami Domisch, Anna Felländer, Simone Daniela Langhans, Max Tegmark & Francesco Fuso Nerini

Other sources

[Taking Stock of Automated Decision-Making in the EU](#)

Algorithm Watch

[Human Rights in the Age of Artificial Intelligence](#)

AccessNow

[Mapping Regulatory Proposals for Artificial Intelligence in Europe](#)

AccessNow

[The Toronto Declaration: Protecting the right to equality and non-discrimination in machine learning systems](#)

Amnesty International, AccessNow, Human Rights Watch and Wikimedia Foundation

[Ethically Aligned Design, first edition - A vision for prioritizing human well-being with autonomous and intelligent systems](#)

IEEE

[Déclaration de Montréal pour un développement responsable de l'intelligence artificielle](#) [French only]

Initiative from University of Montreal (Canada)

[Guidelines for AI procurement](#)

World Economic Forum