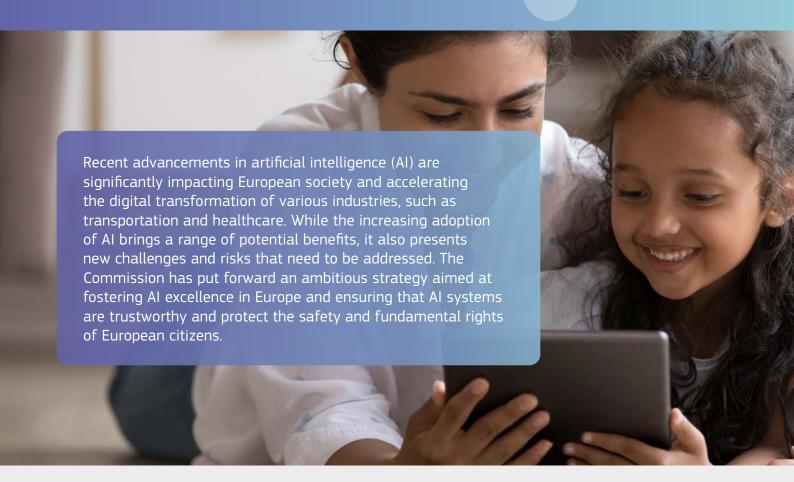


JRC PORTFOLIO 15

# TRUSTWORTHY ARTIFICIAL INTELLIGENCE FOR A FAIR AND DEMOCRATIC EUROPE



## The portfolio aims to:

Provide scientific and technical support to horizontal European Union (EU) policies on AI such as the AI Act, and their sectorial applications in domains such as transport, healthcare, education or science

Host the European Centre for Algorithmic Transparency, providing technical assistance and carrying out scientific research and foresight to support the implementation of the Digital Services Act Advance frontier research on Trustworthy Artificial Intelligence, to further push the interdisciplinary knowledge and foresight on the challenges brought by new AI developments such as foundation models

Joint Research Centre

# Delivering on anticipation, integration and impact of EU policies

- providing scientific support to horizontal and sectoral Al-related policy initiatives in different stages of the policy cycle,
- ▶ hosting of the European Centre for Algorithmic Transparency, which is instrumental to the Commission's enforcement function foreseen by the Digital Services Act.
- providing economic analyses related to the implementation of the Digital Services Act (for example, supporting secondary legislation on the designation of very large online platforms and search engines),
- providing technical and scientific support for the negotiation and implementation of the AI Act and the Coordinated Action Plan on AI, as well as the revision of the Product Liability Directive and the proposal for the AI Liability Directive.

### Time frame

The portfolio will coordinate the JRC efforts to address the multidisciplinary scientific and policy challenges brought by the increased uptake of AI across all sectors, within both a short- and a long-term perspective. In the short term, the scientific projects of the portfolio will focus on supporting the Commission's efforts regarding trustworthy AI through multidisciplinary contributions and input. The forward-looking ambition of the portfolio aims to continue to contribute to the consolidation of the scientific knowledge in the field.

## Main partners

#### Partner DGs

AGRI, CNECT, COMP, DEFIS, DIGIT, EAC, EEAS, EMPL, ENER, ESTAT, GROW, HOME, HR, JUST. MOVE, RTD, SANTE, TAXUD

#### Selected stakeholders

Al-related research institutes. CEN/CENELEC, ECDC, ELLIS/ CLAIRE within Europe, ENISA, ETSI, OECD, UNECE, UNESCO

Digital society

**Digital services** 

Artificial intelligence

Recommender systems

Trustworthy Al

Cybersecurity

Privacy and data governance

**Digital Services Act** 

Artificial Intelligence Act

**Transparency** 

**Accountability** 

Diversity, non-discrimination & fairness

Human oversight

**Transparency** 

Social and environmental well-being

European Centre on **Algorithmic Transparency** 

### Find out more



TRUSTWORTHY ARTIFICIAL INTELLIGENCE FOR A FAIR AND DEMOCRATIC EUROPE

https://joint-research-centre.ec.europa.eu/jrc-research-portfolios/trustworthy-ai

Science for policy Joint Research Centre

joint-research-centre.ec.europa.eu

The Joint Research Centre provides independent, evidence-based knowledge and science, supporting EU policies to positively impact society.



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