

Smart
Information
Systems

Artificial
Intelligence

Big
Data

Ethics

Privacy

Bias

Security

Human
Rights

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and innovation programme
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Partners

The SHERPA consortium has 11 partners from 6 European countries representing academia, industry, civil society, standard bodies, ethics committees and the visual arts.

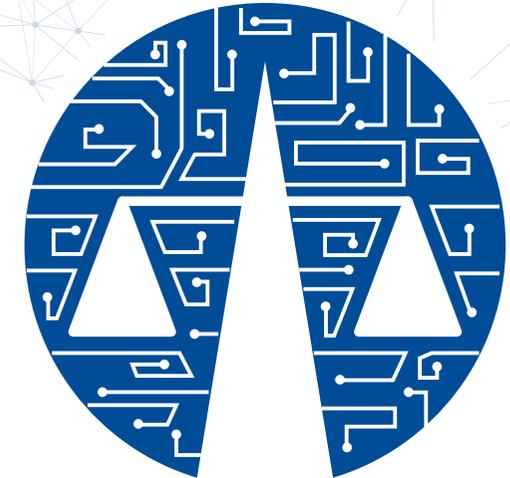


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SHERPA

Advocating for Ethical AI

Shaping the ethical dimensions
of smart information systems (SIS)
– a European perspective

**A Horizon 2020
project 2018-2021**

About the SHERPA Project

In collaboration with stakeholders, the SHERPA project will investigate, analyse and synthesise our understanding of the ways in which smart information systems (SIS; the combination of artificial intelligence and big data analytics) impact ethics and human rights issues.

Over the course of three years, SHERPA will develop novel ways of understanding and addressing SIS challenges, evaluate these approaches with stakeholders, and advocate the most desirable and sustainable solutions to policymakers.

Over the course of three years, SHERPA will

- Conduct qualitative research through 10 case studies in the areas including smart cities, IoT, telecommunications and cybersecurity.
- Investigate and develop future projections by way of scenarios to explore how AI will impact every day, education, defence, law enforcement and more.
- Develop and publish a workbook on responsible development of SIS,
- Present technical and regulatory options
- Validate and prioritise the proposals, through multi-stakeholder focus groups, and
- Advocate, promote and implement the most promising solutions through targeted dissemination and communication activities

SHERPA is currently

- Running a large survey which seeks to gain informed opinions about the ethical and human rights issues relating to SIS. The survey will inform the exploration of possible options for addressing ethics and human rights issues related to SIS
- Conducting a Delphi study using 60 experts in a three-step survey to identify issues likely to emerge from future technologies and provide potential solutions
- Using project outputs such as the case studies and scenarios to inform an advocacy approach to present policymakers with policy recommendations

Key tools and results

- 10 Case Studies
- 5 Scenarios
- Online Survey
- Delphi Study
- Workbook on responsible development of SIS
- Technical and Regulatory Proposals
- Videos
- Technological Artworks
- Focus groups

What do you want the future of AI and big data to look like?

