SHERPA PROJECT

Shaping the ethical dimensions of information technologies – a European perspective (SHERPA) - Recommendations

AI, Ethics and Human Rights - Designing a Better World

Prof. Bernd Carsten STAHL, De Montfort University, Leicester, UK
26th National Ethics Council Forum, 19.11.2020

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement no. 786641

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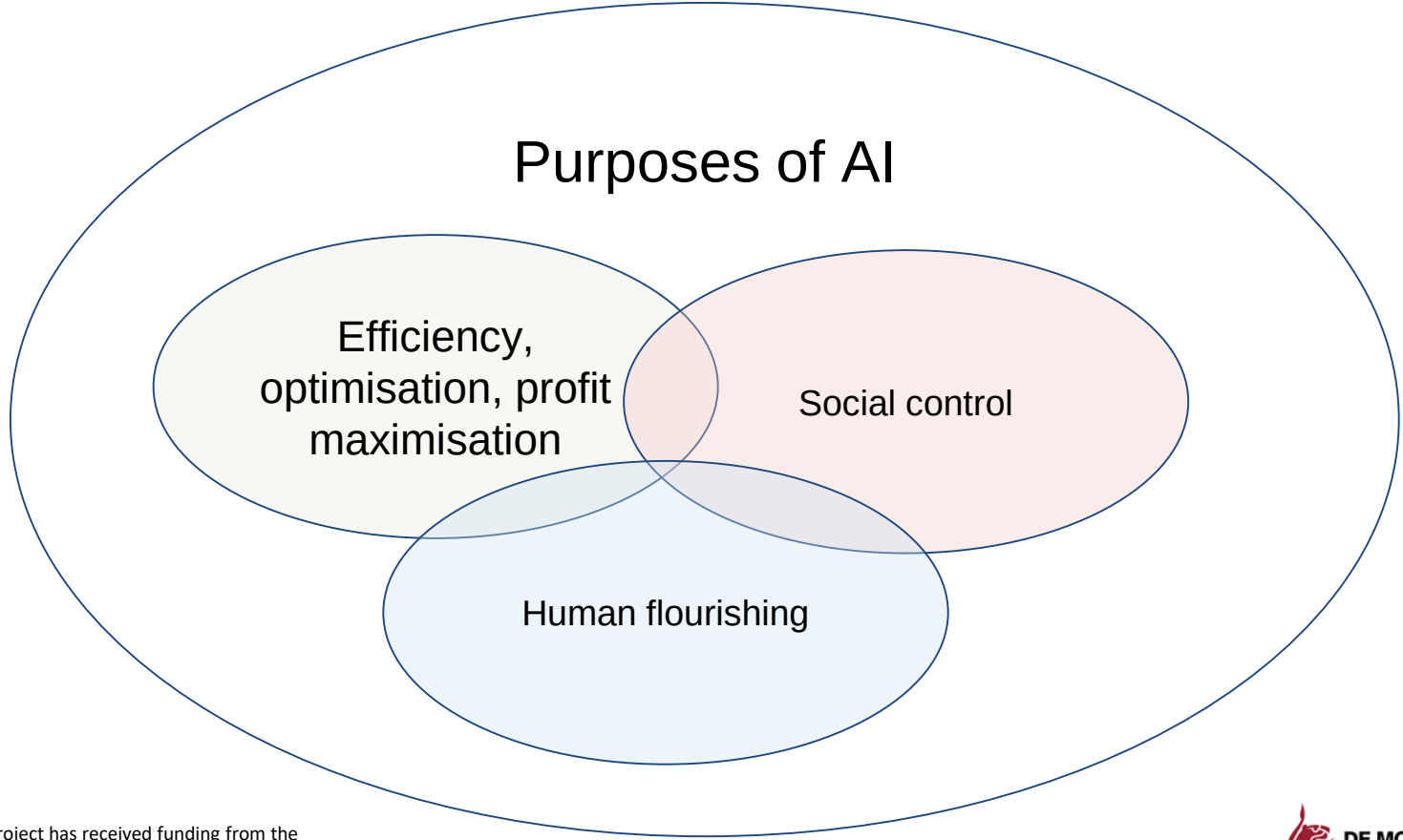

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AI Definitions

- AI is a collection of technologies that combine data, algorithms and computing power. (European Commission, White Paper)

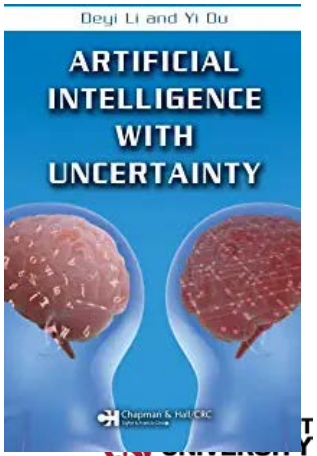
EUROPEAN COMMISSION

Brussels, 19.2.2020
COM(2020) 65 final

WHITE PAPER

On Artificial Intelligence - A European approach to excellence and trust

- AI combines a variety of intelligent behaviors and various kinds of mental labor, known as mental activities, … [to] include perception, memory, emotion, judgement, reasoning, proving, identification, understanding, communication, designing, thinking and learning, etc. (Li and Du 2007)



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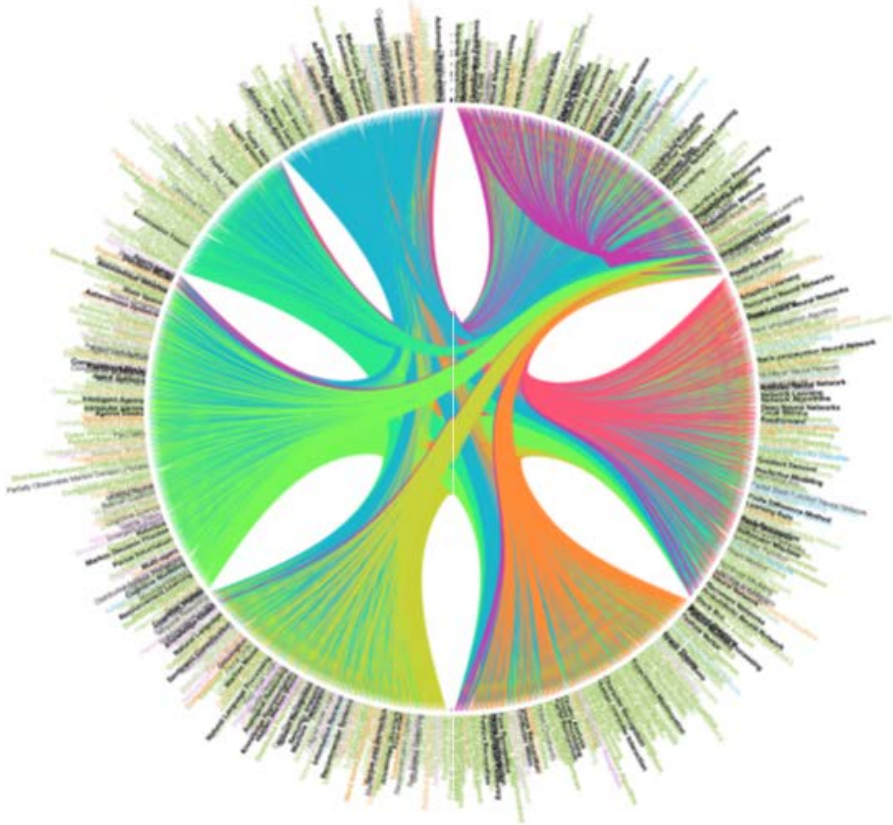
Artificial Intelligence

https://www.elsevier.com/?a=827872



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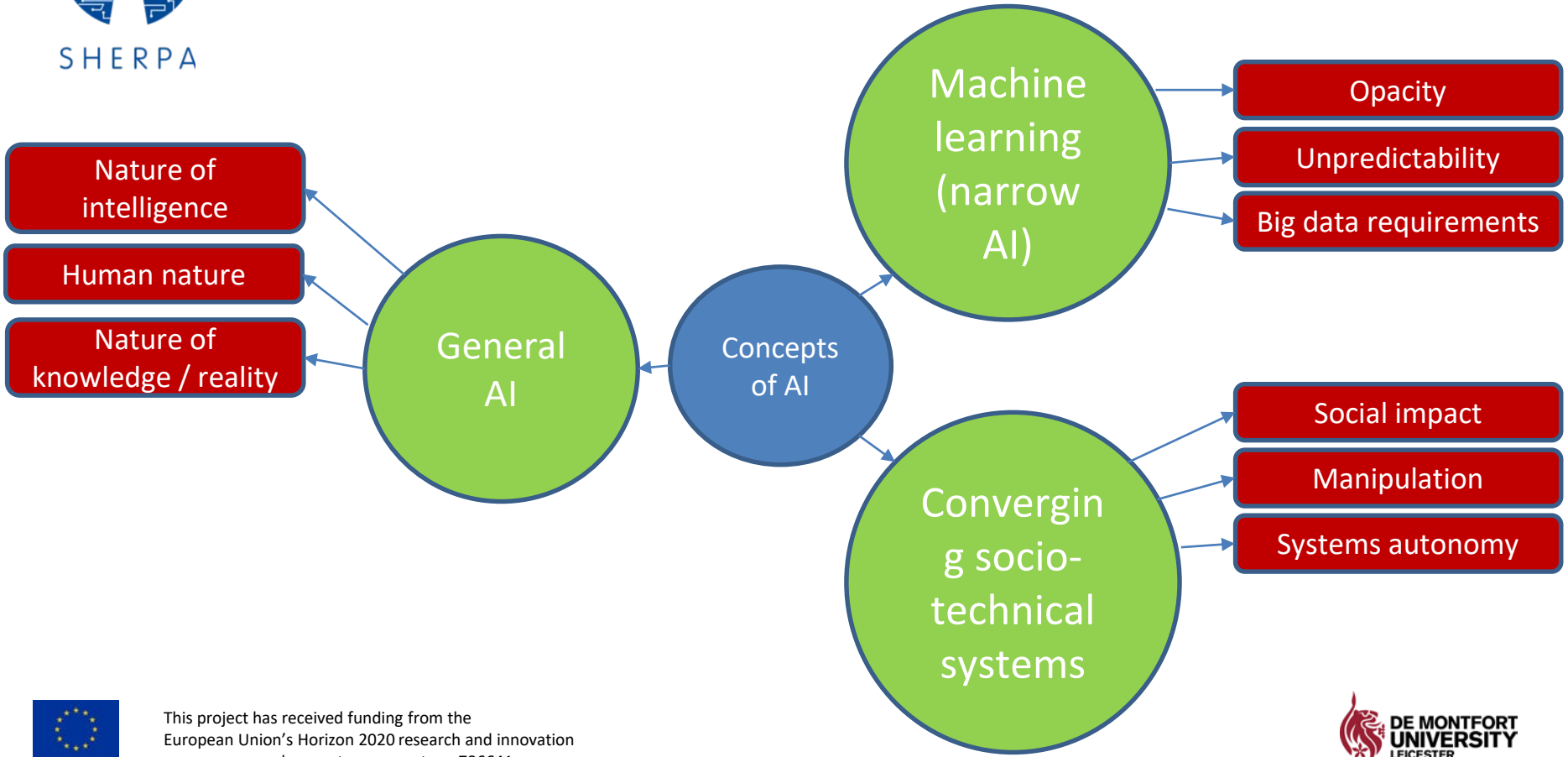
Concepts of AI in use



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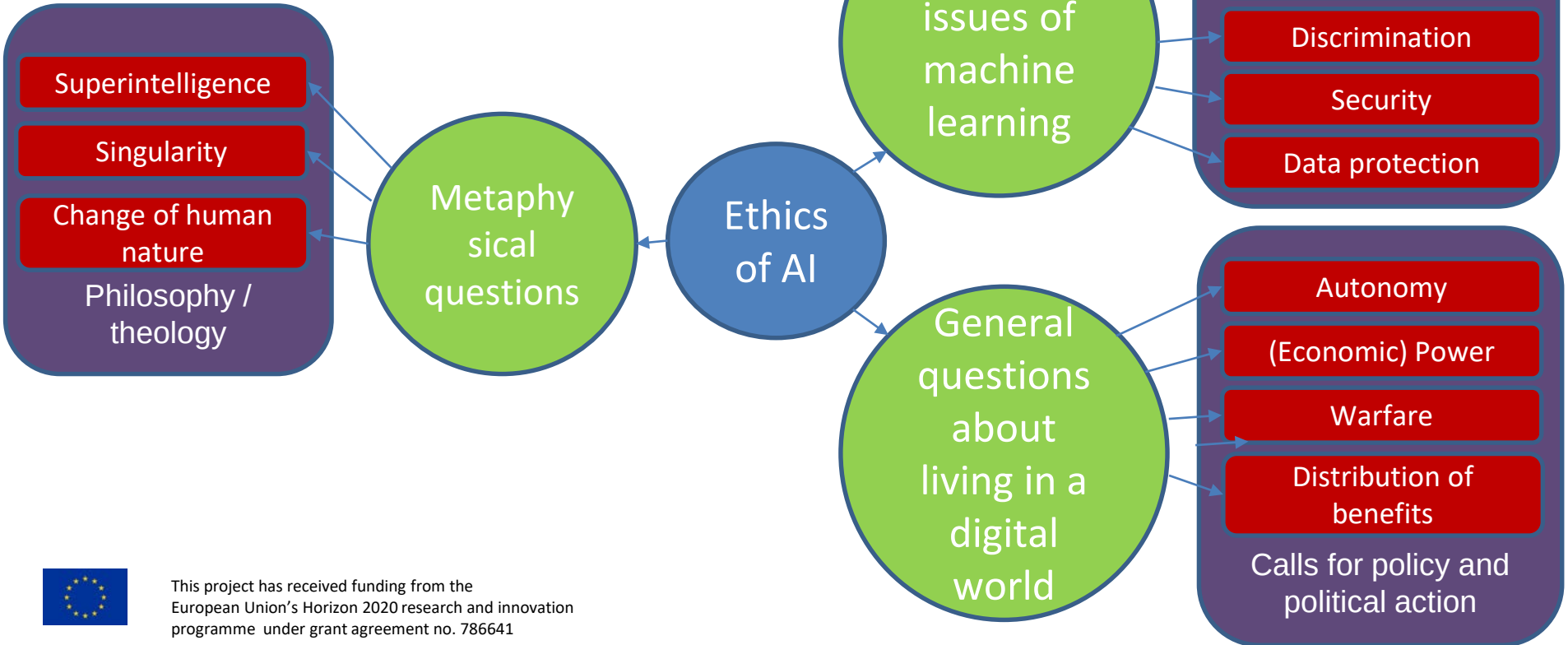
Classification of issues



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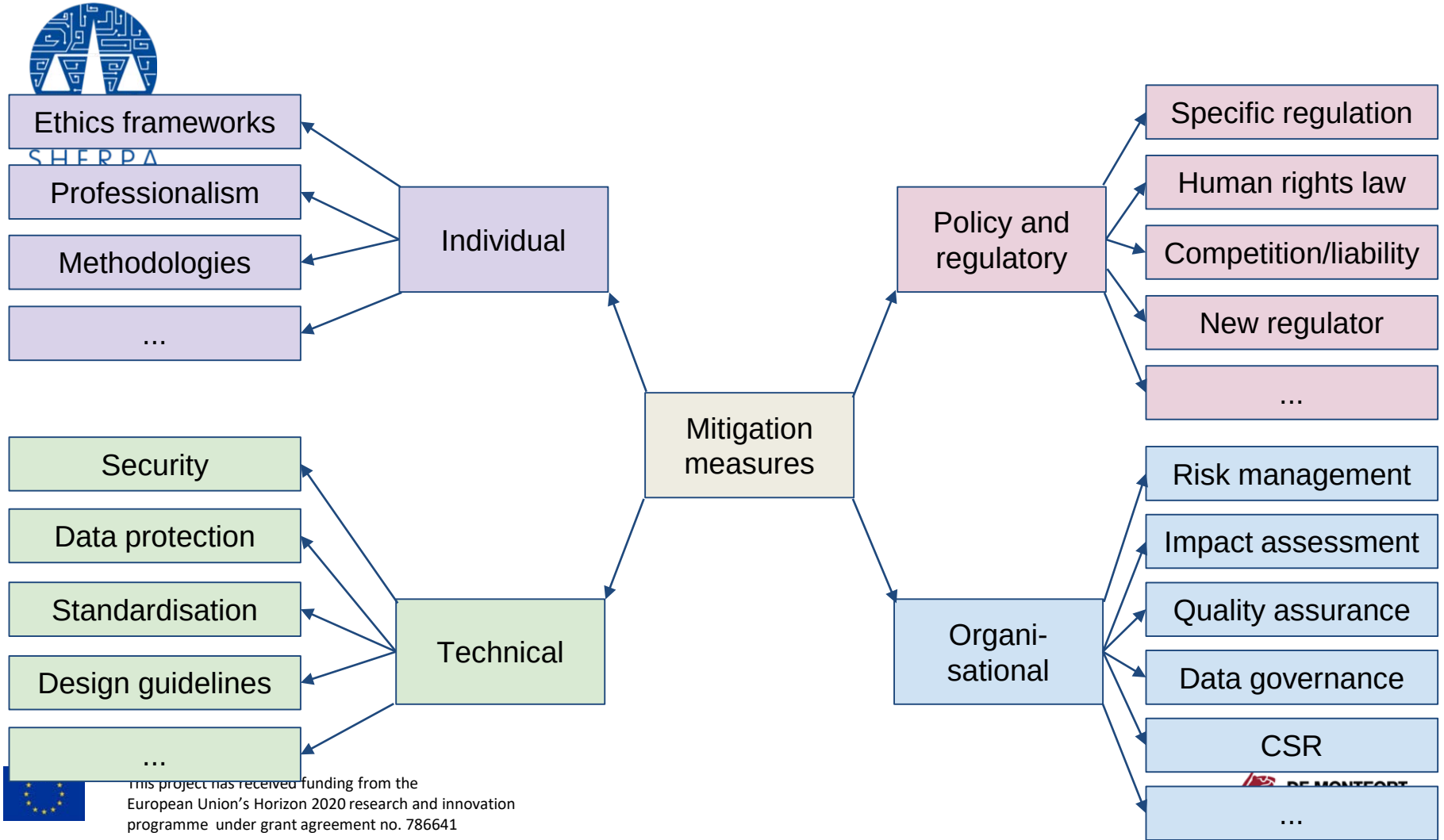

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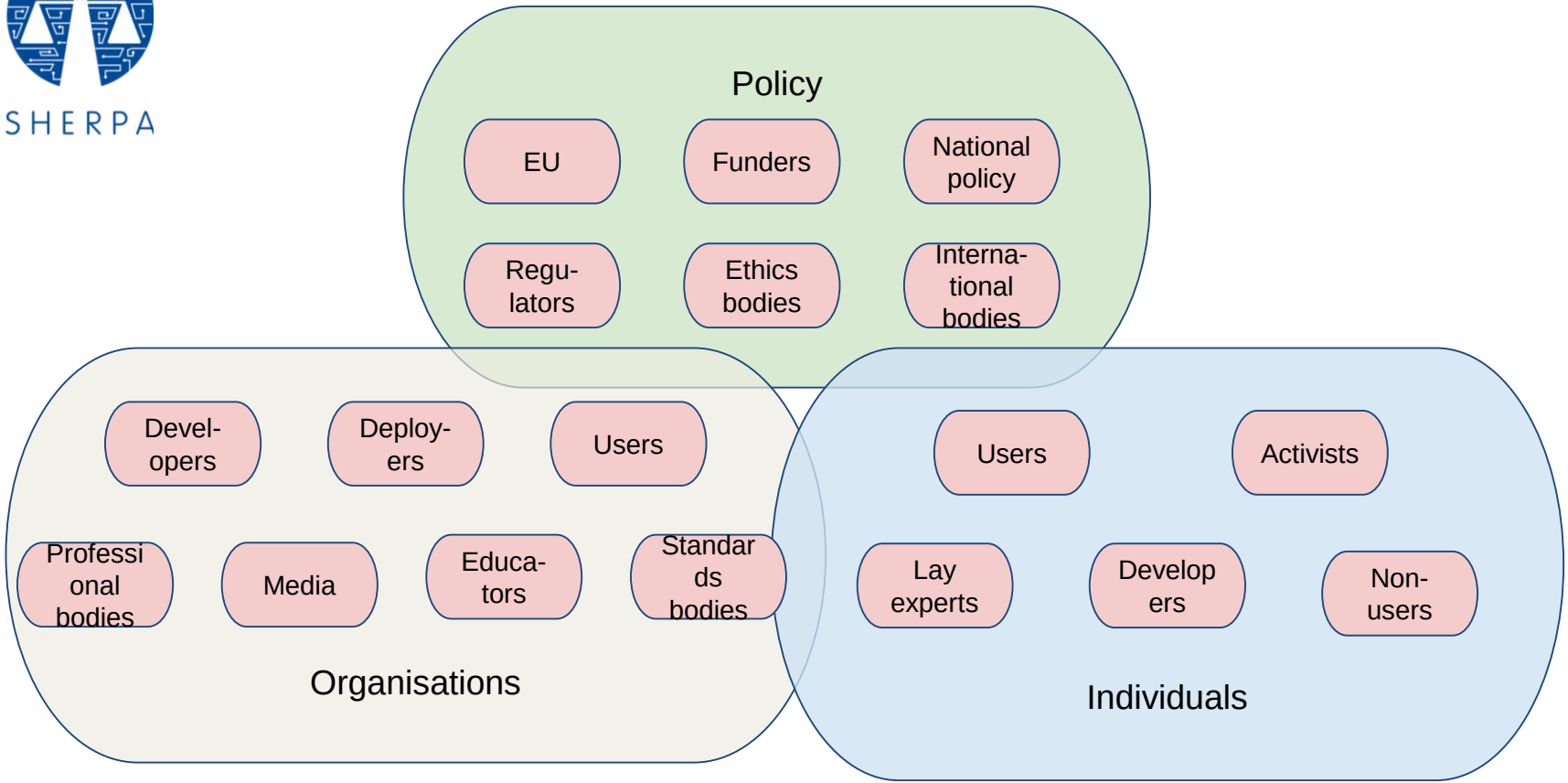

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Insights so far

- There is no magic bullet
  - epistemic complexity
  - distribution of responsibility
  - technical progress
- What is required is an intelligent mix of options
- The metaphor of an ecosystem is appropriate.

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Towards an Ecosystem of Artificial Intelligence for Human Flourishing

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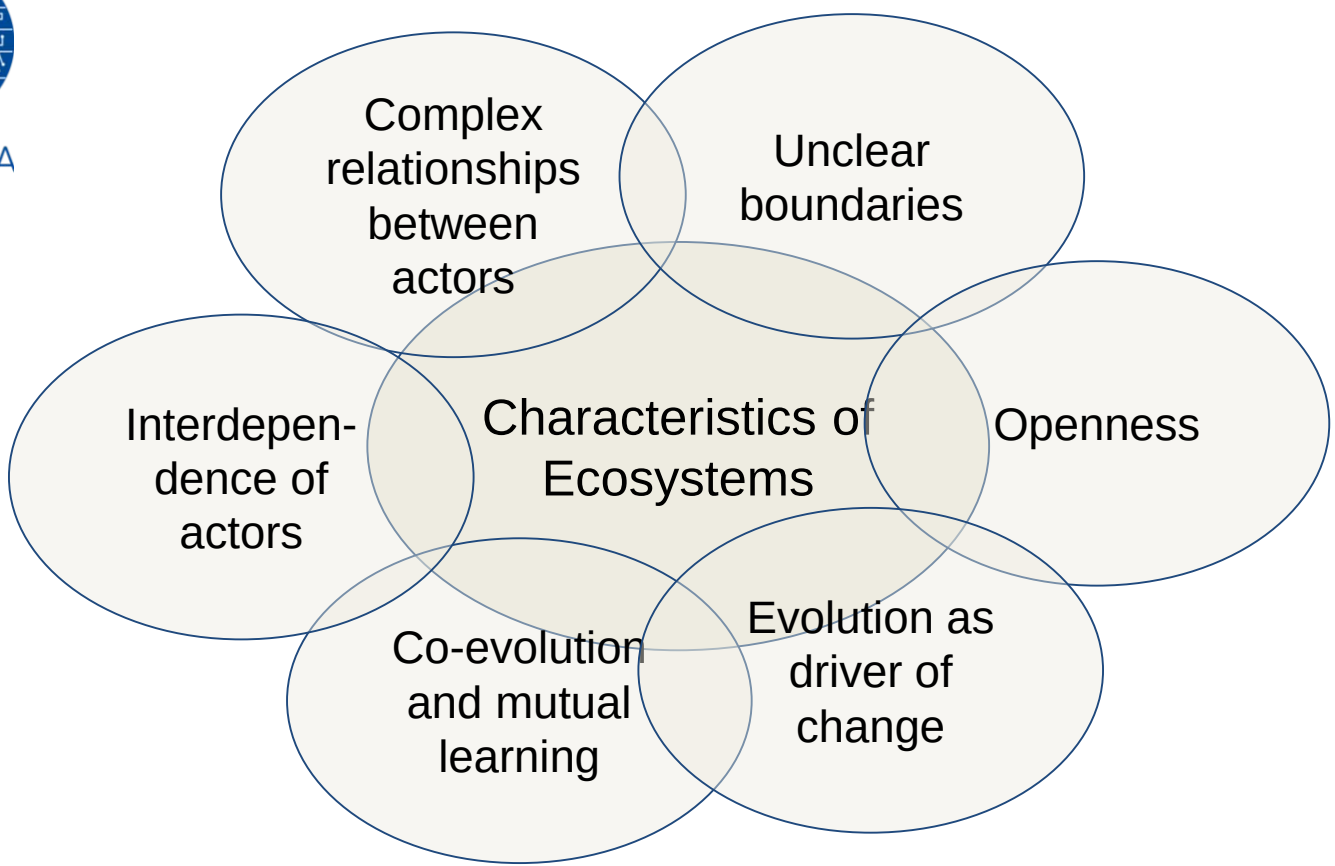

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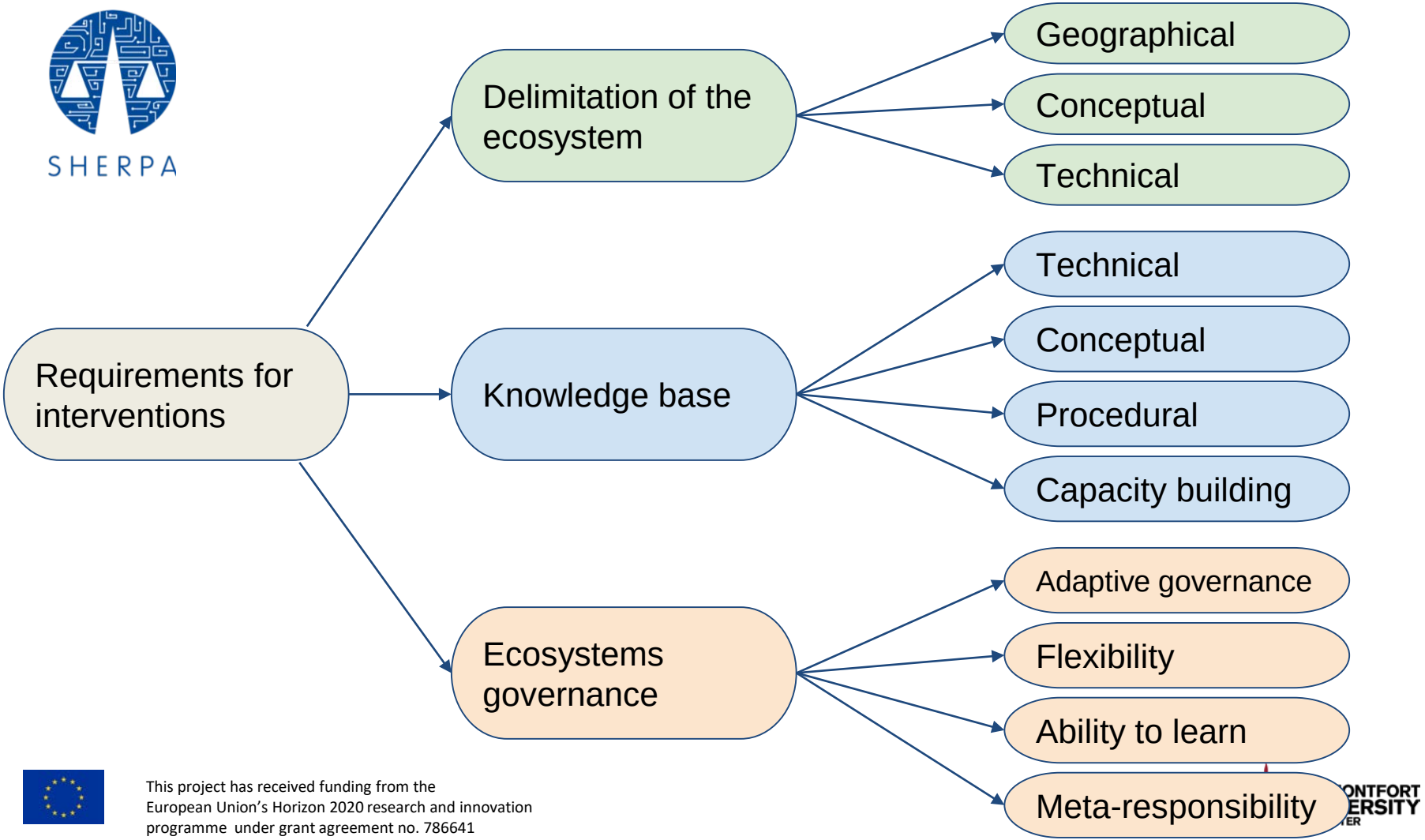

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Recommendations

Measures to support AI ecosystems to promote human flourishing

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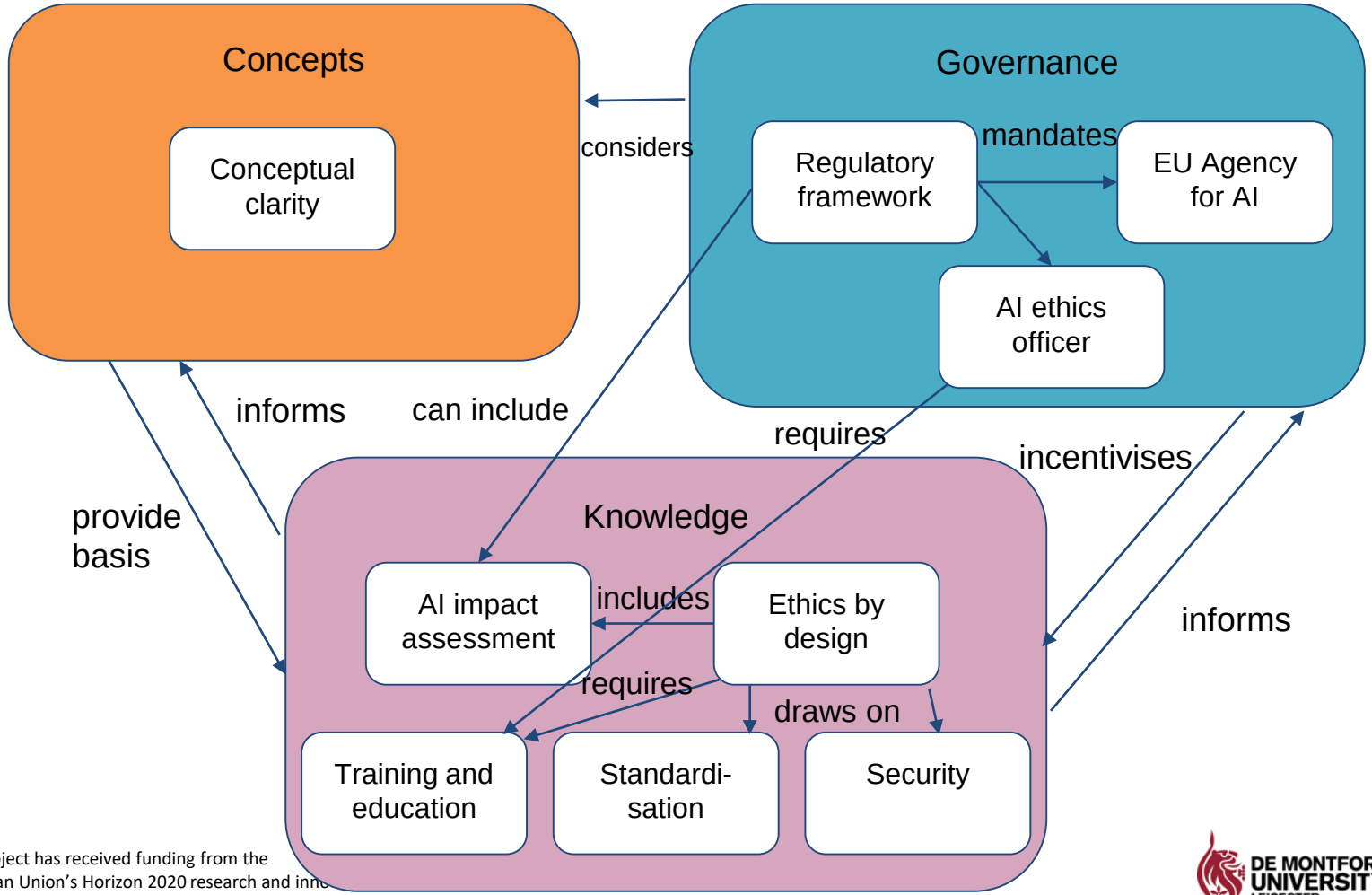

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The SHERPA Vision

Ethics as integral to excellence in AI

A world where excellent AI and smart information systems support human flourishing by

- integrating ethical concerns by design and
- safeguarding human rights

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