

# Law, AI and Data Science

## Research Agenda for eLaw-SAILS

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Leiden University

Kick-off meeting SAILS  
May 24<sup>th</sup> 2019, 14h00 – 17h00



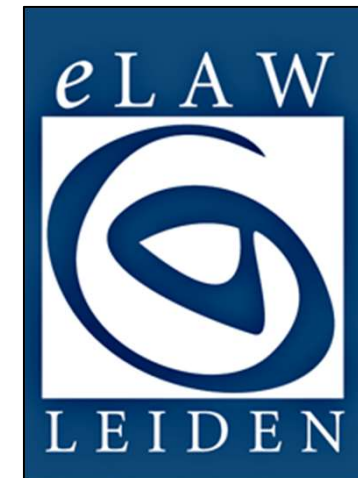
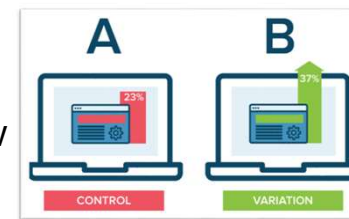
Universiteit Leiden

# Current research eLaw



## eLaw – Center for Law and Digital Technologies

- Regulating AI and data science
  - Public law  
Criminal law, Administrative/constitutional law, Human rights law, Data protection law, Non-discrimination law
  - Private law  
Company law, Property law, Liability/tort law, Consumer law, Competition law, Data protection law
- AI and data science in legal research
  - Quantitative Legal Predictions
  - Accelerating Legal Research
  - Improved Regulation
- Ethics
  - Transparency
  - Trust
  - User acceptance, public acceptance



### Major projects:

- CONSENT (informed consent on social media)
- EUDECO (EU data economy)
- EU data protection comparison
- e-SIDES (ethical/societal impact of data science)
- INFORM (data protection law training program)
- SCALES (responsible AI/data science innovation)
- Gamechangers (privacy in health games for kids)
- Marie Curie (health care robotics and AI)

# Research agenda 2020-2023

Focus on opportunities

Law is sometimes considered as restrictive, but regulation can significantly contribute to trust and (legal) certainty

If thought out well...

This is not allowed, that is not allowed...

...and compliance/ enforcement (value sensitive design, privacy by design)

Central research theme is finding a 'regulatory balance' between:

- Socio-economic benefits (of AI, data, analysis tools, etc.)
- Legal protection, trust, legal certainty

Elaborated via better understanding of societal impact of AI on the different research areas (property law, liability/tort law, etc.)

# Planning/approach

## Output

- 3 PhD candidates
- 1 postdoc researcher/assist. professor
- 3 international publications /yr
- Media-attention 3-4 times /yr
- Conference presentations 1-2 /yr

## ■ Required budgets:

- 0.5 Professor (funded by SAILS)
- 3 PhD candidates (3 x ~200K)
- 1 Postdoc/assistant professor (~250K)

Total ~850K in four years, via 2-3 successful research proposals

## Continuity after 4 years:

- SAILS researchers acquire their own funding
- Implementation of these topics in other (non-SAILS) research institutes in the faculty of law
- Strong links with other faculties

## ■ Potential funding:



Horizon 2020  
European Union Funding  
for Research & Innovation

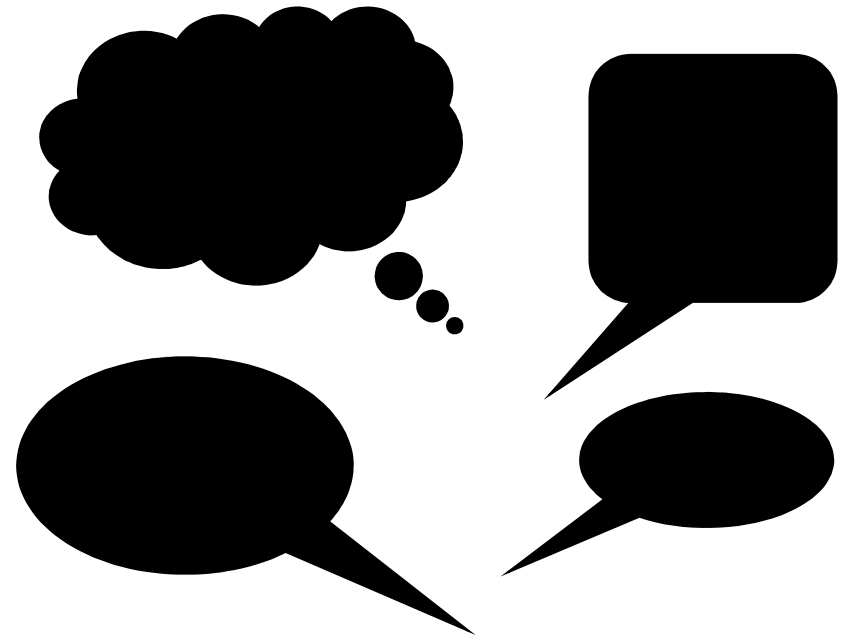


## ■ Focus is on collaboration

- Across departments in the faculty of law (SAILS and non-SAILS)
- Across faculties involved in the SAILS project  
(extend current eLaw collaborations with LUMC, LIACS/LCDS and FGGA)

4 years:  
2020-2023

# Questions?



Thank you for your attention!

Or contact me later: [b.h.m.custers@law.leidenuniv.nl](mailto:b.h.m.custers@law.leidenuniv.nl)