Project idea/ Field of expertise:

Ecosystems for responsible AI: Real-world applications for AI governance

Organisation Name:

University of Turku, Finland

Digital Economy and Society Research Group

Addressed topic(s):

Human-centric AI

Trustworthy AI

AI ethics

AI governance

Responsible AI ecosystem

Information systems

XAI

Digital Economy & Society Research Group (DES)

https://des.utu.fi/

University of Turku, Finland, is a multidisciplinary research institution.

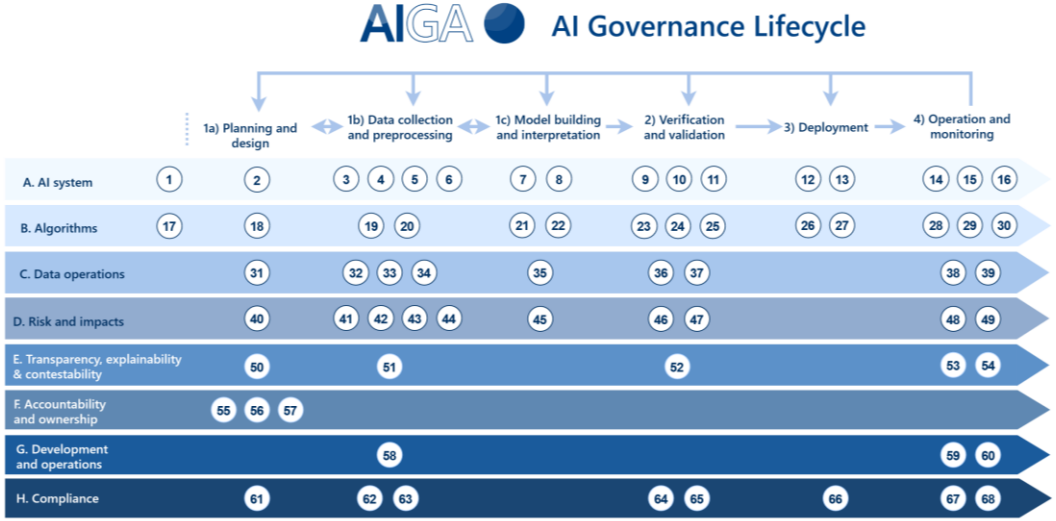
DES **key research themes**:
1) Responsible artificial intelligence
2) User behavior in digital environments
3) Socio-technical systems

Ecosystems for responsible AI: Real-world applications for human-centric AI governance

DES research group has **a proven track record on industry collaborations and scientific publishing**. See e.g.:
https://ai-governance.eu/publications/
https://des.utu.fi/publications/

What we offer?

- partnership in future HE calls
- roadmap to competitive and socially acceptable AI
- tested and validated AI governance framework for organizational AI governance



List of AI Governance tasks

T1	AI system repository and AI ID	T19	Algorithm use case design	T37	Data health check design	T54	TEC health checks
T2	AI system canvassing	T20	Algorithm technical environment design	T38	Data quality monitoring	T55	Head of AI
T3	AI system use case design	T21	Algorithm deployment metrics design	T39	Data health checks	T56	AI system owner
T4	AI system user design	T22	Algorithm operational metrics design	T40	AI system harms and impacts canvassing	T57	Algorithm owner
T5	AI system operational environment design	T23	AI system version control design	T41	Algorithm risk assessment	T58	AI development
T6	AI system technical environment design	T24	Algorithm performance monitoring design	T42	AI system health, safety and fundamental rights impact assessment	T59	AI operations
T7	AI system deployment metrics design	T25	Algorithm health checks design	T43	AI System non-discrimination assurance	T60	AI governance integration
T8	AI system operational metrics design	T26	Algorithm verification and validation	T44	AI system impact minimization	T61	Regulatory canvassing
T9	AI system version control design	T27	Algorithm approval	T45	AI system impact metrics design	T62	Regulatory risks, constraints, and design parameter analysis
T10	AI system performance monitoring design	T28	Algorithm version control	T46	AI system impact monitoring design	T63	Regulatory design review
T11	AI system health check design	T29	Algorithm performance monitoring	T47	AI system impact health check design	T64	Compliance monitoring design
T12	AI system verification and validation	T30	Algorithm health checks	T48	AI system impact monitoring	T65	Compliance health check design
T13	AI system approval	T31	Data sourcing	T49	AI system health checks	T66	Compliance assessment
T14	AI system version control	T32	Data ontologies, inferences and proxies	T50	TEC expectation canvassing	T67	Compliance monitoring
T15	AI system performance monitoring	T33	Data preprocessing design	T51	TEC design		
T16	AI system health checks	T34	Data quality assurance	T52	TEC monitoring design		
T17	Algorithm ID	T35	Data quality metrics design	T53	TEC monitoring		
T18	AI system canvassing	T36	Data quality monitoring design				

Contact details

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