A journey in standardisation from an SME R&D lens
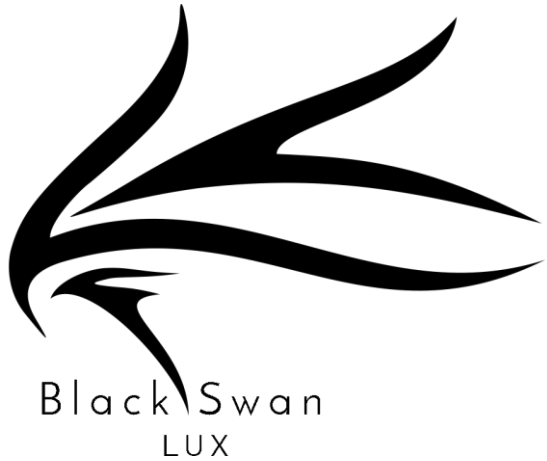
Dr. Emilia Tantar

Emilia.tantar@blackswanlux.com

- Black Swan LUX spined-off in 2015 from University of Luxembourg with a focus on Artificial Intelligence R&D

- My standardisation activities are focused mainly on Artificial Intelligence and started in 2018

- Objectives:
  - Develop and deploy responsible AI for anomaly detection
  - Support the EU AI responsible AI with concrete tools coming from standardisation
  - Reduce (our) costs as SME by creating AI conformity assessment with clear specifications and easy to follow

Our SME strategy in engaging with standards

Luxembourg National Mirror Committee

National level

CEN and CENELEC JTC 21
(since June 2021)

European level

CEN/CLC Focus Group on AI (2020-2021)

ISO/IEC JTC1/SC 42
IEC SEG 10 (2020-2021)

International standards

Our strategy:
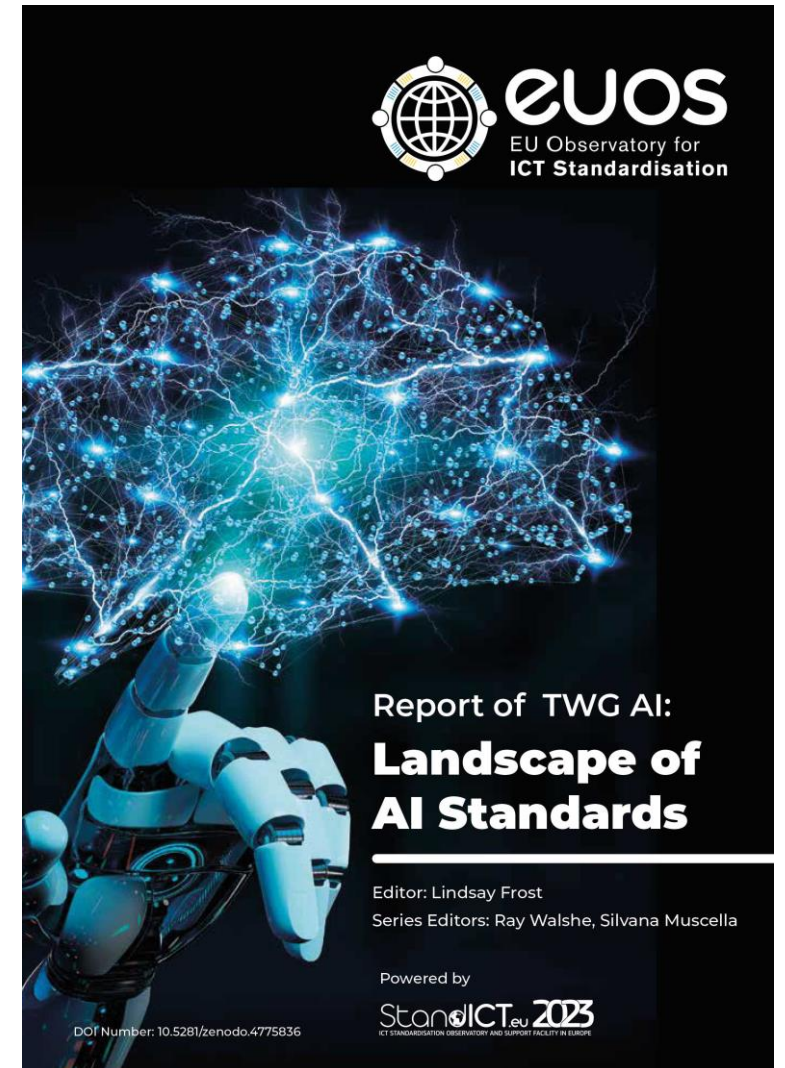*Select 3-4 relevant standardisation initiatives and actively engage.*

Head of delegation Luxembourg, president of *National Mirror Committee AI and expert contributor* **ISO/IEC JTC1/SC 42 and CEN/CENELEC JTC 21**

Convenor *CEN and CENELEC JTC 21 WG2 "Operational aspects"* (Since June 2021)
Editor **TR "AI Conformity assessment"**
(since June 2022)

Convenor **CEN/CLC FGAI** Ad-hoc on AI conformity assessment (2020-2021)

Expert Contributor **EU Observatory of ICT Standards (2021)**

Report of TWG AI:
Landscape of AI Standards

Editor: Lindsay Frost
Series Editors: Ray Walshe, Silvana Muscella

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ICT STANDARDISATION OBSERVATORY AND SUPPORT FACILITY IN EUROPE

DOI Number: 10.5281/zenodo.4775836

Vectors of support for standardisation activities

National support in Luxembourg: *participation in standardization is free of charge*

Individual expert grant from StandICT
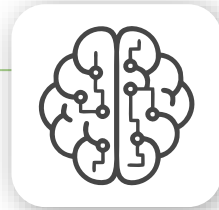
Specific support for SMEs experts in standardisation
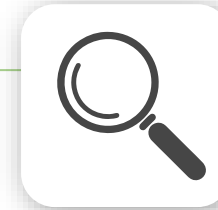
Choose Focus area

Standardisation requires continous support for a given contribution

European specifcity and international dimension of standards

Take aways

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ICT Standardisation Observatory and Support Facility in Europe

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