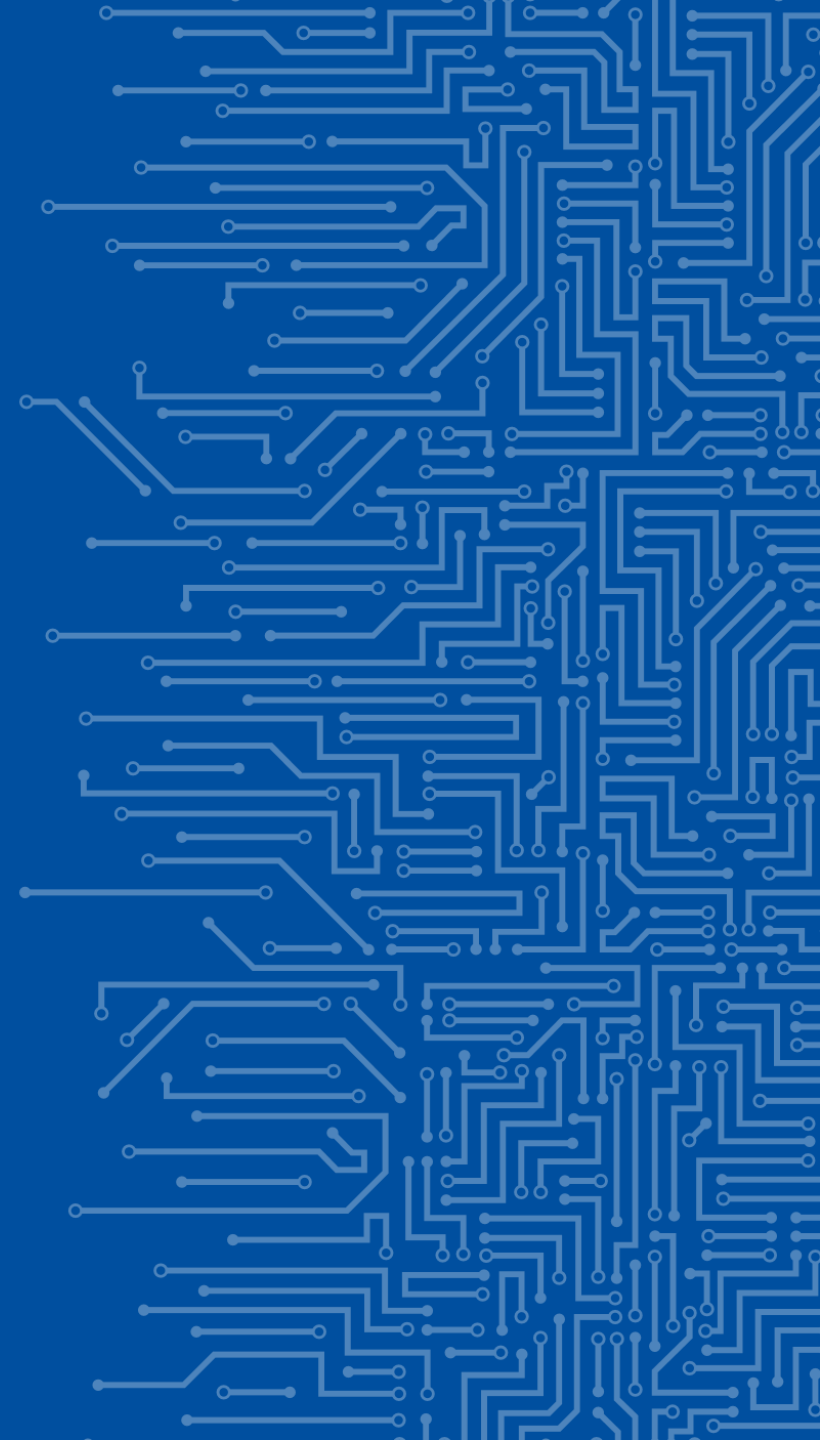
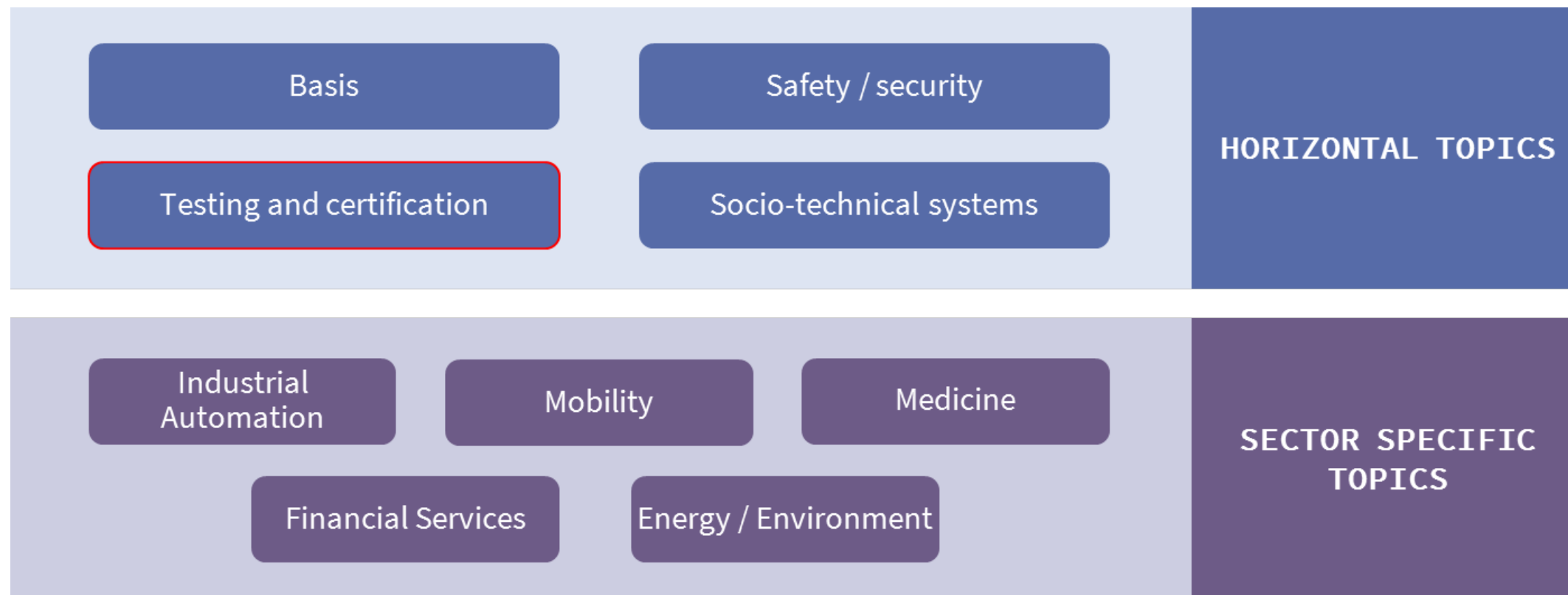


TOWARDS AI CERTIFICATION: GERMAN ROADMAP – POLICY, ACTIONS, CHALLENGES

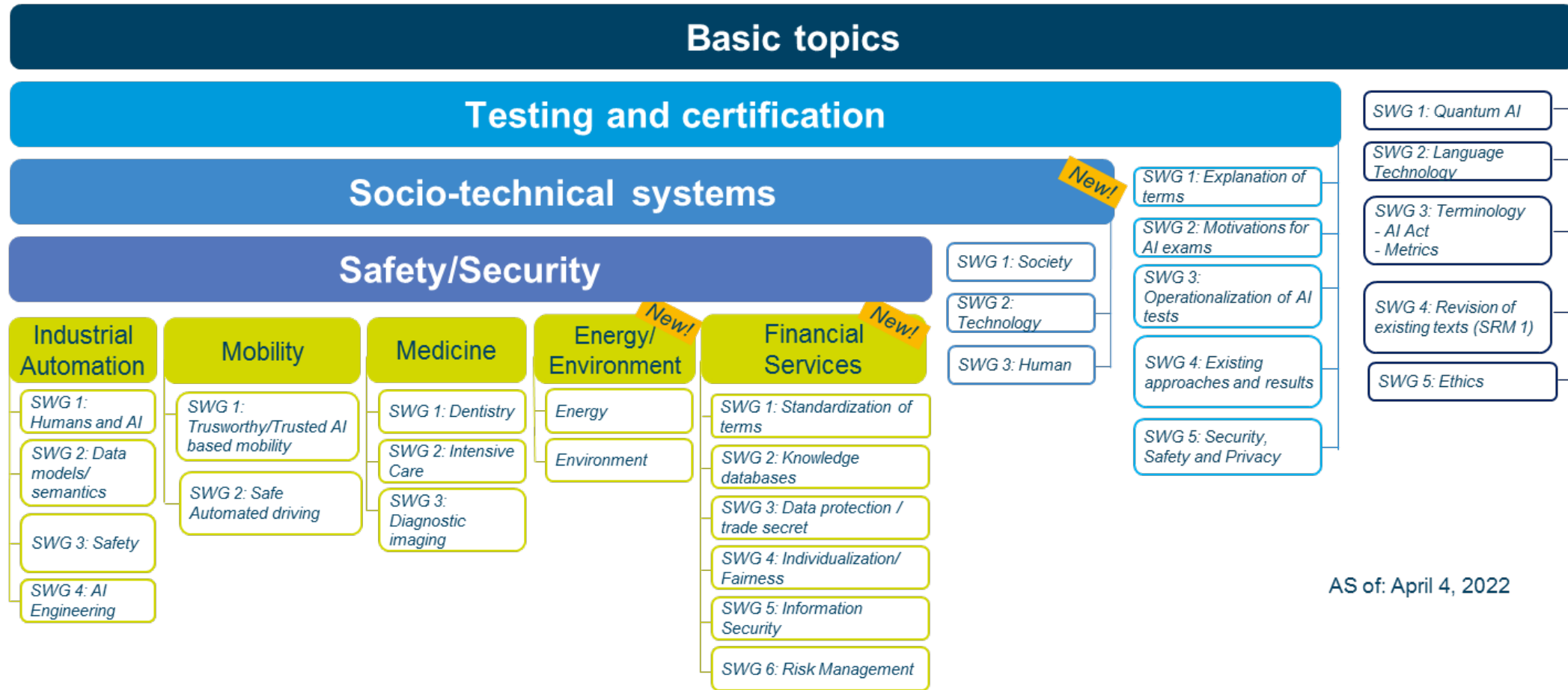




GERMAN AI STANDARDIZATION ROADMAP

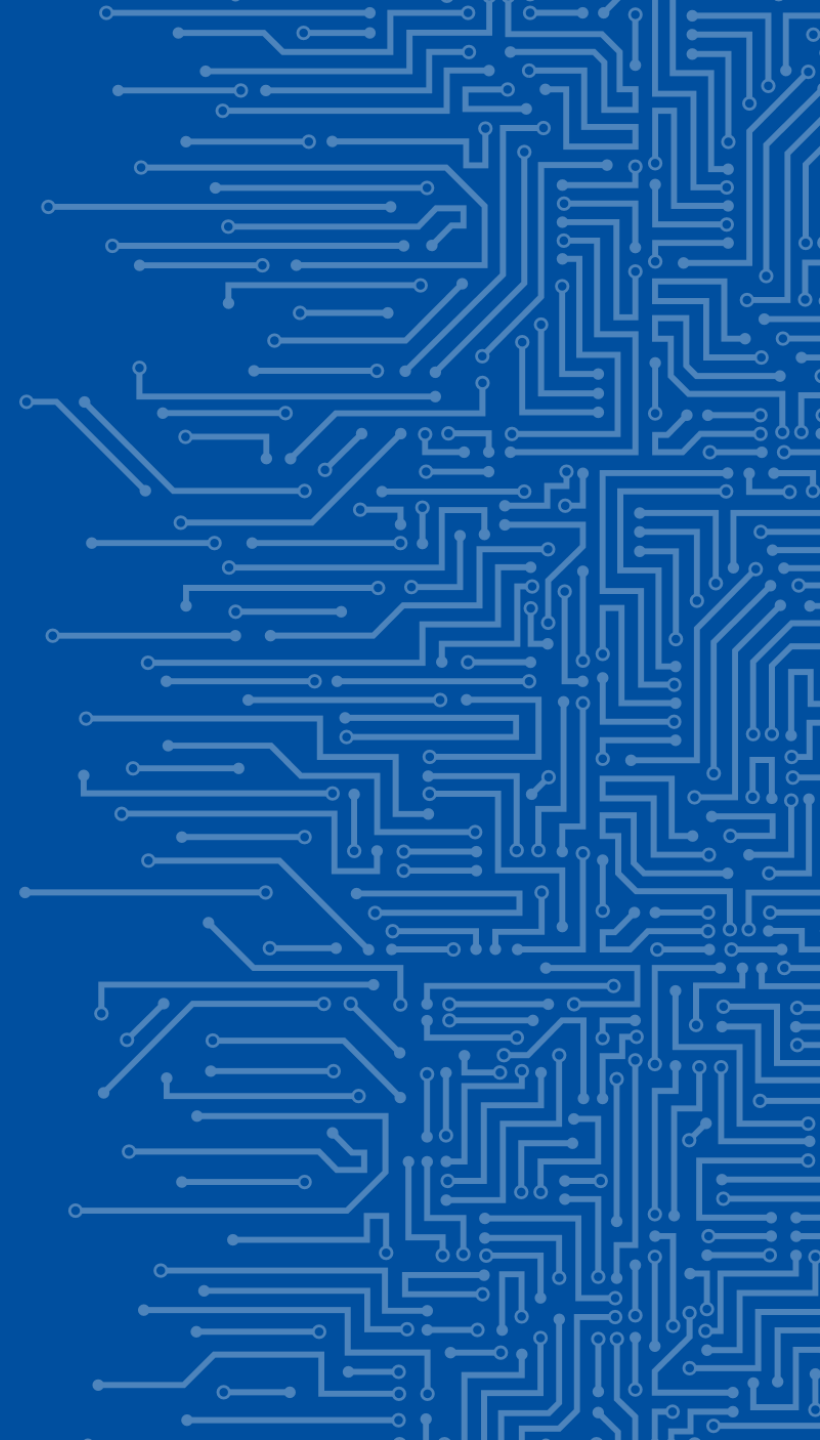


ROADMAP WORKING GROUPS DUE TO AI ACT



AS of: April 4, 2022

**WHAT ARE THE CHALLENGES
ON THESE TOPICS?**



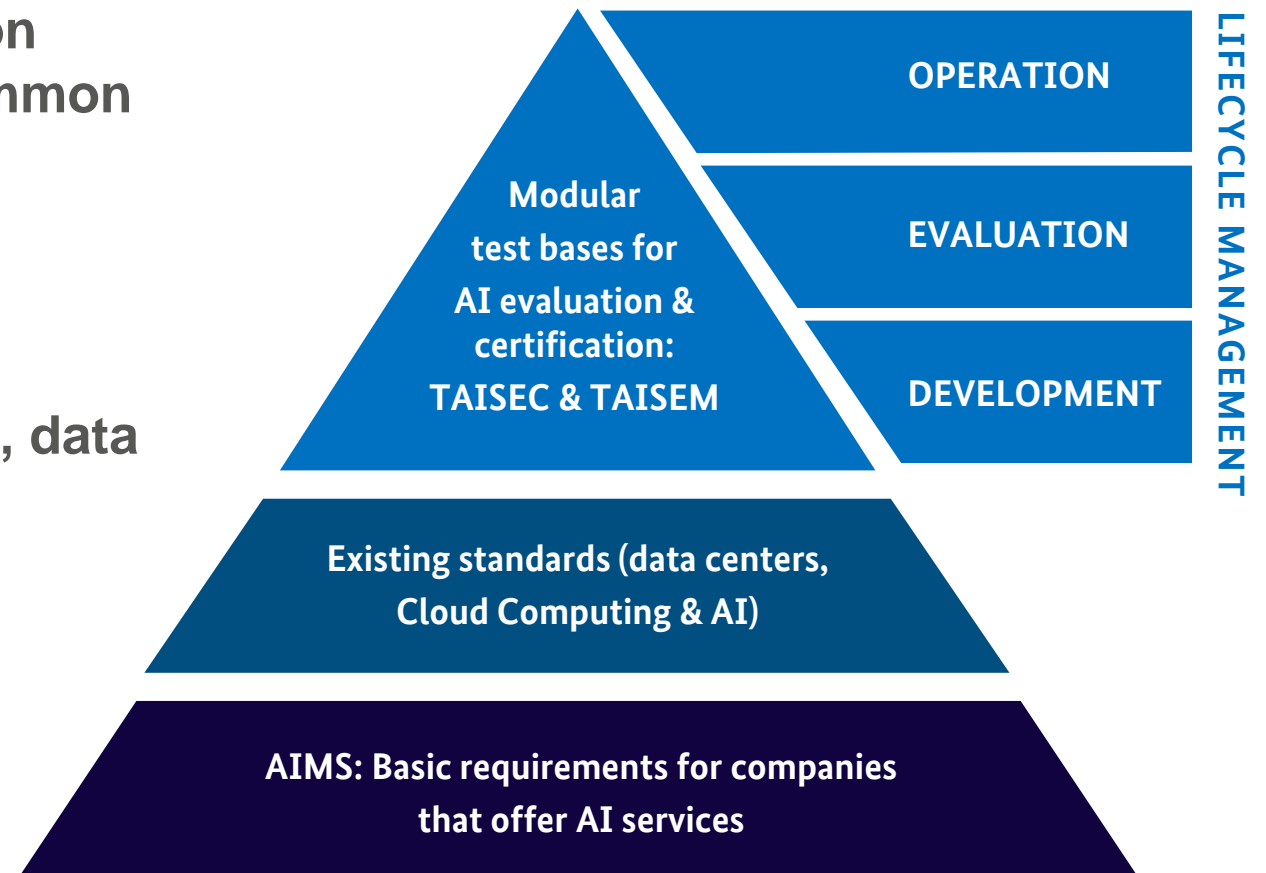
AI QUALITY CRITERIA FOR TECHNICAL EVALUATION

Horizontal vs. vertical Standards: solution approach conceptually integrated in Common Criteria Evaluation Philosophy

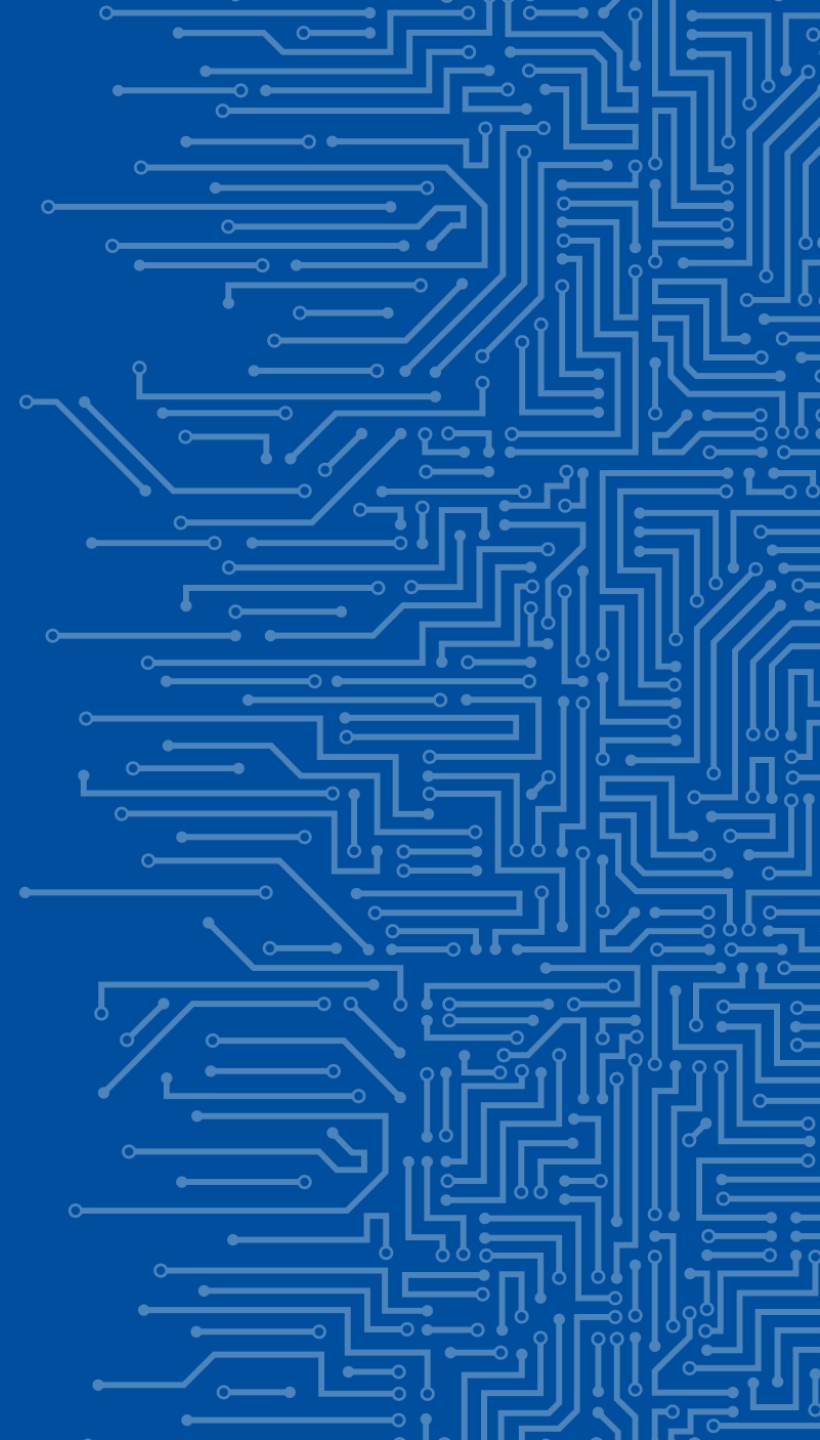
SRs are NOT independent, cooperation between Tasks Groups is absolutely necessary. From the security angle Cybersecurity SR comprises robustness, data quality, data governance, monitoring & logging ...

Embedded AI & CE, NLF: composition problem, usage & reference to other CA results, TEFs

Re-Evaluation and Life Cycle



ON WHICH TOPICS IS
COLLABORATION NEEDED
MOST



BRINGING POLICY INTO PRACTICE: AI ACT EVALUATION FRAMEWORK

Standardization requests may lead to separated harmonized standards – no market acceptance

Horizontal AI evaluation criteria and evaluation methodology is needed

Compatibility to other Certification schemes (Common Criteria)

Clear conceptual hierarchy of SRs and standards: technical, normative, ethical trustworthiness

Technical level is harmonizable and worldwide approach

TEFs & infrastructure must be build on CC evaluation facilities: expertise, accreditation, education programmes

Information needed, intellectual property, stakeholders, competences and responsibilities

AI Certification scheme

