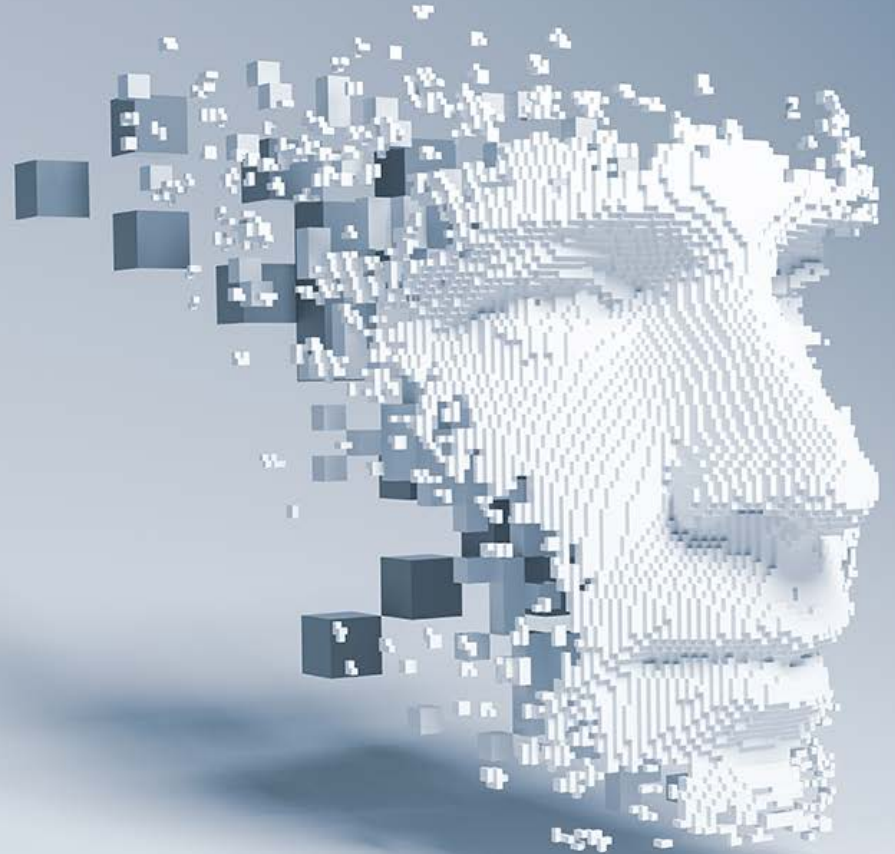# Zusammenspiel AI Act und Normung
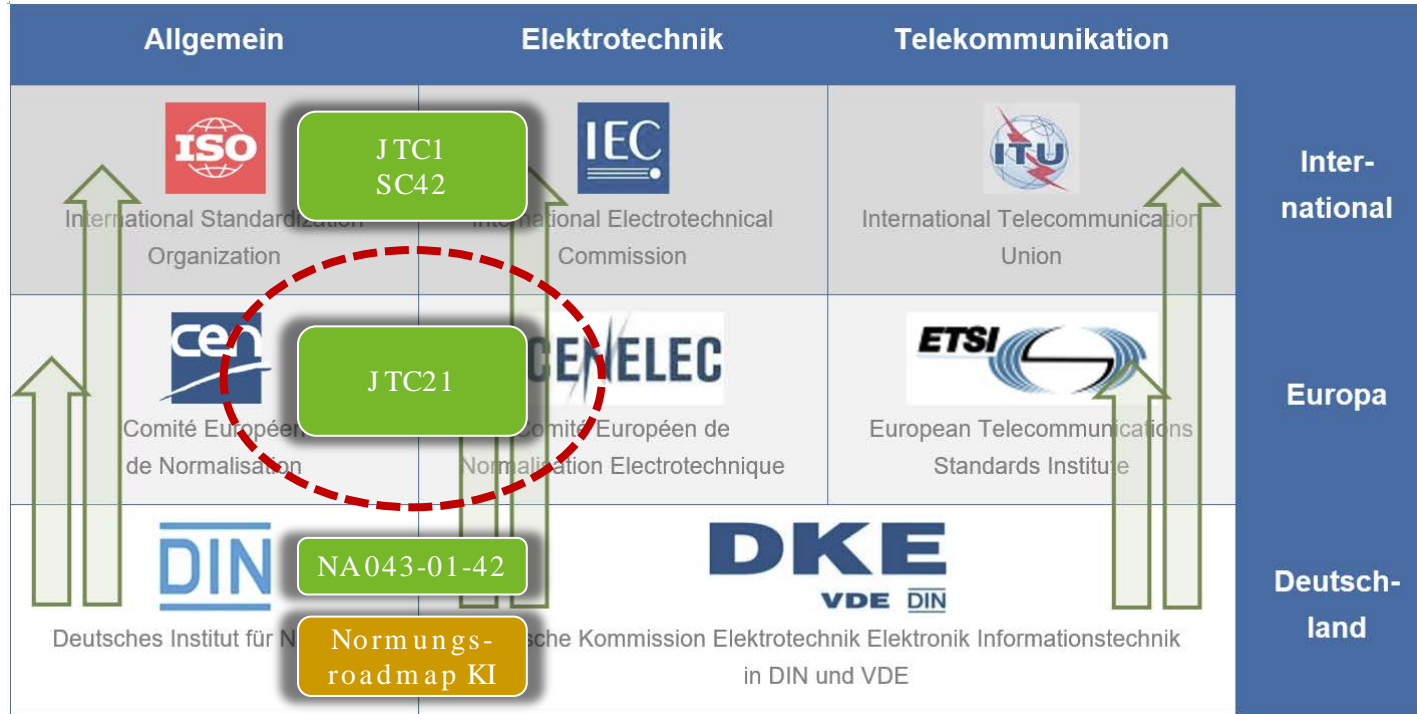
Dr. Sebastian Hallensleben
Vorsitzender CEN/CENELEC JTC 21
„Artificial Intelligence"

Aufgaben des JTC 21

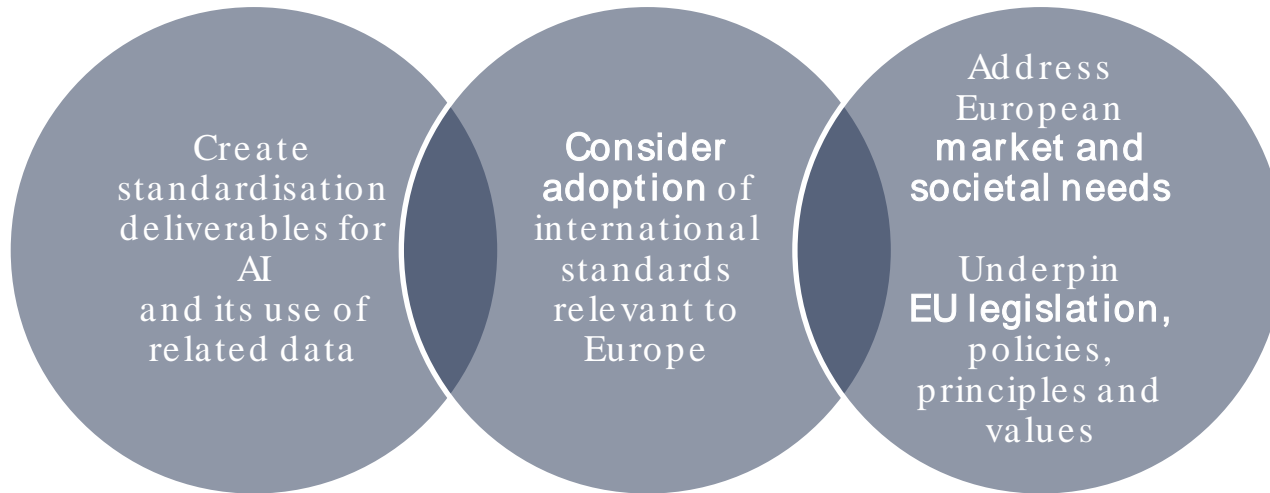

Create standardisation deliverables for AI and its use of related data

Consider adoption of international standards relevant to Europe

Address European market and societal needs

Underpin EU legislation, policies, principles and values

~ 130 participants
~ 22 countries

Standardisation Request der EU-Kommission (Dezember 2022)

1.	European standard(s) and/or European standardisation deliverable(s) on risk management system for AI systems
2.	European standard(s) and/or European standardisation deliverable(s) on governance and quality of datasets used to build AI systems
3.	European standard(s) and/or European standardisation deliverable(s) on record keeping through logging capabilities by AI systems
4.	European standard(s) and/or European standardisation deliverable(s) on transparency and information provisions to the users of AI systems
5.	European standard(s) and/or European standardisation deliverable(s) on human oversight of AI systems

6.	European standard(s) and/or European standardisation deliverable(s) on accuracy specifications for AI systems
7.	European standard(s) and/or European standardisation deliverable(s) on robustness specifications for AI systems
8.	European standard(s) and/or European standardisation deliverable(s) on cybersecurity specifications for AI systems
9.	European standard(s) and/or European standardisation deliverable(s) on quality management system for providers of AI systems, including post-market monitoring process
10.	European standard(s) and/or European standardisation deliverable(s) on conformity assessment for AI systems

6th JTC 21 Plenary Meeting 16./17. Januar 2023

Normungsroadmap Künstliche Intelligenz (Ausgabe 2)

Einige der Work Items (in Arbeit oder in Erwägung)

Not yet allocated to a WG	WG 2: Operational Aspects Emilia Tantar (LU) Ansgar Koene (UK)	WG 3: Engineering Aspects James Davenport (UK) Anders Kofod-Petersen (DK)	WG 4: Foundational and Societal Aspects Laurence Devillers (FR) Secretariat: AFNOR (FR)
prCEN/TS 12791 **Treatment of unwanted bias in classification and regression machine learning tasks** (ISO/IEC TS 12791 - AWI) prCEN 25059 **Systems and software Quality Requirements and Evaluation (SQuaRE) Quality model for AI systems** (ISO/IEC 25059 - DIS)	TR **AI Conformity Assessment** (Emilia Tantar, LU) PWI (TR) **AI Risks – Check List for AI Risks Management** (Renaud Di Francesco, IT) PWI (EN) **Adoption of ISO/IEC 42001 AI Management system** (Martha Janczarski, IE)	TR **Overview of AI tasks and functionalities related to natural language processing** (Lauriane Aufrant, FR) PWI (TR) **Data Governance and data quality for AI in the European context** (Domenico Natale, IT) prCEN 24029-n **Assessment of the robustness of neural networks** (ISO/IEC 24029-n DIS)	prEN ISO/IEC 22989 **Artificial intelligence concepts and terminology** (ISO/IEC 22989:2022) prEN ISO/IEC 23053 **Framework for Artificial Intelligence (AI) Systems Using Machine Learning (ML)** (ISO/IEC 23053:2022) PWI (EN) **AI trustworthiness characterization** (Agnes Delaborde, FR / Henri Sohier, FR) TR **Green/Sustainable AI** (Valerie Livina, UK)
prCEN/TR 24027 **Bias in AI systems and AI aided decision making** (ISO/IEC TR 24027:2021)	prCEN 23894 **Guidance on risk management** (ISO/IEC 23894 - FDIS)	prCEN 5259-n **Data quality for analytics and machine learning (ML)** (ISO/IEC 5259-n - CD)	EN **AI-Enhanced Nudging** (Laurence Devillers, FR) prCEN 12792 **Information technology – Artificial intelligence – Transparency taxonomy of AI systems** (ISO/IEC 12792 - AWI) – *Parallel adoption*

Wie kommen die Ergebnisse der Normungsroadmap in die europäische (und internationale) Normung?

- **National delegation mode**

  d.h. Mitwirkung über nationale Spiegelgremien

  In Deutschland: NA 043-01-42

- New work item proposals

  National contributions

- Im CEN-CENELEC JTC 21:

  - Strategic Advisory Group zur Strukturierung des Arbeitsprogramms

  - Working Groups, Task Forces in Expert mode

  - Project editorships

- Vergleichbare Rollen auf internationaler Ebene im ISO-IEC JTC1/SC42

Ihre Mitwirkung ist überall willkommen!