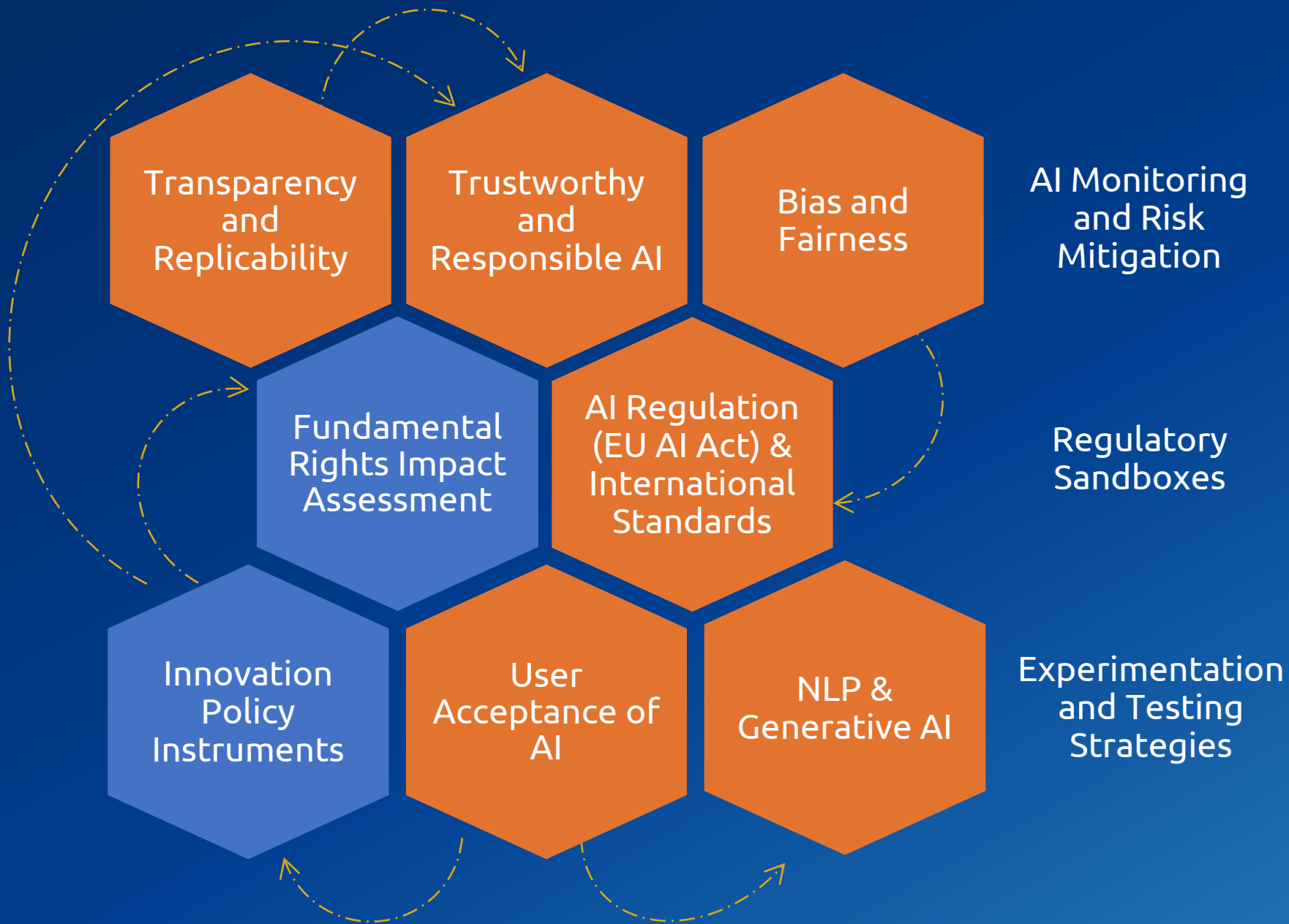# EU AI Act and Standards – a match made in CEN/CLC JTC21

HS Booster Workshop

11.07.2024

Rania Wazir, PhD

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leiwand.ai:
Our Topics &
Instruments

Transparency and Replicability

Trustworthy and Responsible AI

Bias and Fairness

AI Monitoring and Risk Mitigation

Fundamental Rights Impact Assessment

AI Regulation (EU AI Act) & International Standards

Regulatory Sandboxes

Innovation Policy Instruments

User Acceptance of AI

NLP & Generative AI

Experimentation and Testing Strategies

leiwand.ai – Examples of our work

RESEARCH

EU Fundamental rights Agency (FRA): *"Providing evidence on bias when using algorithms – simulation and testing of selected cases",* 2021[1].

FFG-funded multidisciplinary research project: *„fAIr by design",* 2021 – 2024[2].

Roadmap for Trustworthy AI Made Simple. Projektleitung, in **Kollaboration mit Plattform Industrie 4.0**. Gefördert von der Wirtschaftsagentur Wien und dem WWTF im Rahmen der Digital Humanism Initiative, 2022-2023.

Consortium partner of **FFG KIRAS Project:** *DESINFACT – Trustworthy Fake News Detection Platform,* 2024 - 2026.

PRODUCTS

STAIR - Smart and Trustworthy AI in Recruiting. **FFG funded,** ongoing.

ABRRA – Algorithmic Bias Risk RAdar. **FFG funded,** ongoing. AI as a tool to detect algorithmic bias.

CONSULTING & TRAINING

Project editor of the projects **ISO/IEC 12792** *"Transparency taxonomy of AI systems",* and **ISO/IEC 23282** *"Evaluation methods for accurate natural language processing",* laufend.

Participation in **Austrian (ASI), European (CEN/CENELEC) and International (ISO/IEC) committees** and Working Groups for *AI, NLP, and trustworthy AI.*

Social Media Monitoring **for Amnesty International Italy** *„Barometro dell'Odio"* Project, since 2018.

Online-Workshop *"Generative AI bei Springer Medizin",* 21.06.2023 for Springer Medizin Verlag GmbH Wien.

On-Site Workshop *"Trustworthy AI – Between Wild West and Digital Utopia",* 12.07.2023 for Mandel Foundation.

leiwand.ai 2024
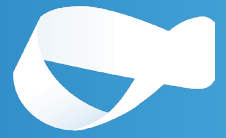
Challenges for SMEs

Clear

Simple

Effective

- High Level Regulation

- Is this about my product?

- What exactly has to be done?

- An over-simplified view of the AI value-chain

What are my existing quality control processes?

What are my requirements and *values*?

What is the novelty introduced by AI?

Some answers

- Communication & Transparency: internal and external (Standards)

- Testing (Standards)

- Life-cycle view (Standards)

- Responsibilities & Competences (Standards)

We are leiwand.ai

Rania

Co-founder and CTO

Gertraud

Co-founder and CEO

Thomas

Data Scientist – Head of MLOps

Silvia

Chief Strategist

Janine

Social Scientist

Mira

Data Scientist

Sarah

Data Scientist

Lene

Social Scientist

Patrick

Communications Manager