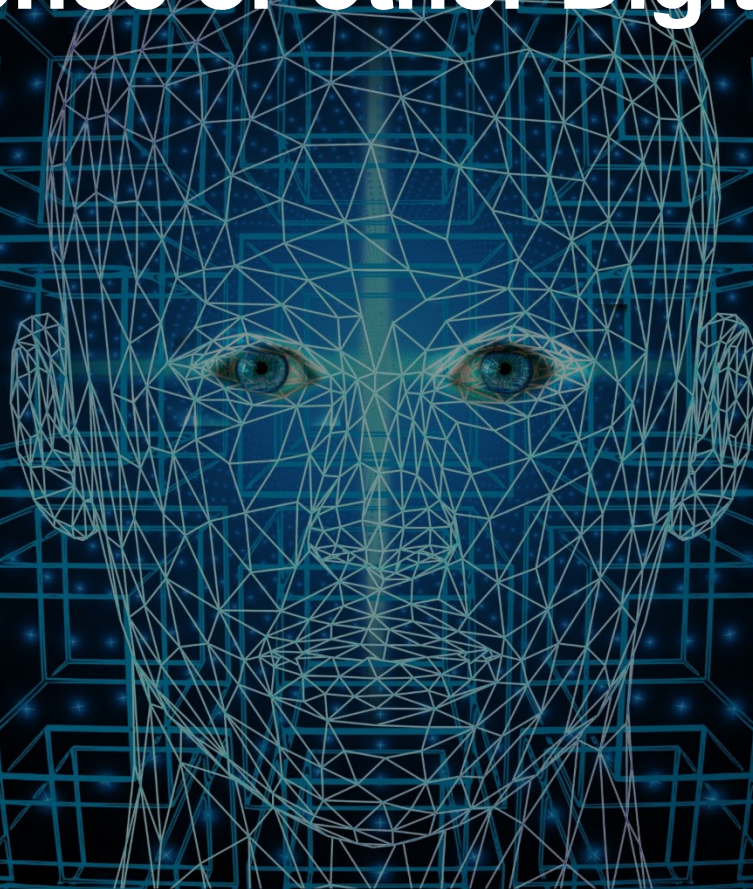


UN / UNECE WP.6 Bureau - Project Update

# Regulatory compliance of Products with embedded Artificial intelligence or other Digital technologies



**Markus Krebsz,**  
- Project lead -  
**UNECE WP.6**

22 May 2023 – UNECE WP.6 Second Forum – AI Product Compliance Project

# UNECE disclaimer

- The author and the speaker of this presentation confirm that they have authorization to use all photos and visual elements.
- The material is either copyright-free or the author / speaker holds the necessary copyright.
- The UNECE will remove any material from its events and supporting websites if there is unlawful use of copyrighted material.
- The author / speaker takes responsibility for any infringements on copyright and holds the UNECE harmless to this effect.

# Background

Nov 2020

Initial AI Discussion  
UNECE  
GRM

Jul 2021

Suggestion of  
a high-level  
UN Rec

Dec 2021

Mapping of  
International  
AI Regs

Apr 2022

Challenges &  
Responses  
Standards  
map

Apr 2023

Project  
Launch  
Session

June 2023

Public  
consultation

Experts

## UN Recommendation & guidance evolution

AiNR-Tech  
market &  
Regulatory  
initiatives

May 2021

AI Risk,  
Incidents &  
Way forward

Sep 2021

Analysis of  
UN recs to  
date &  
Gap analysis

Feb 2022

UN AI Rec

Project  
Proposal

Jan 2023

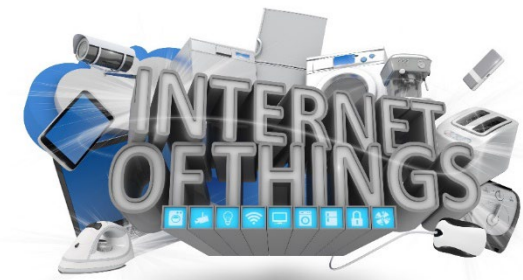
WP.6

WP.6

Project  
update

May 2023

# WP.6 - Horizontal AI Project



- **Title:** *“Regulatory compliance of Products with embedded Artificial intelligence or other Digital technologies”*
- **Reach:** Horizontally, across all four subgroups (GRM, GRS, MARS & START)
- **Aims:**
  - 1) UN Recommendation (ca. 3-5 pages) on “**Product compliance with integrated AI and other digital technologies**”
  - 2) UN Guidance document (ca. 20 pages) for **effective technical regulation, regulatory impact assessment & regulatory cooperation**
- **Deliverables:**
  - Clear **definition of Artificial intelligence** within a product context
  - Clear **definition of Software embedded into products**
  - Whole **product lifecycle** consideration within digital regulation context incl. *Risk Management, Standards, Conformity assessment, Surveillance, Metrology*
  - Provide **guidance** how **to balance** the multitude of **various regulatory objectives**
  - Consider **cross-sectoral impact assessments / horizontal digital frameworks**
- **More information:** [https://unece.org/trade/wp6/Projects#accordion\\_4](https://unece.org/trade/wp6/Projects#accordion_4)

# International team

## UNECE WP.6 Representation

- Global project working group
- From a selection of different sectors & countries
- With horizontal representation / reporting:
  - GRM
  - GRS
  - MARS
  - START
- Key areas of work:

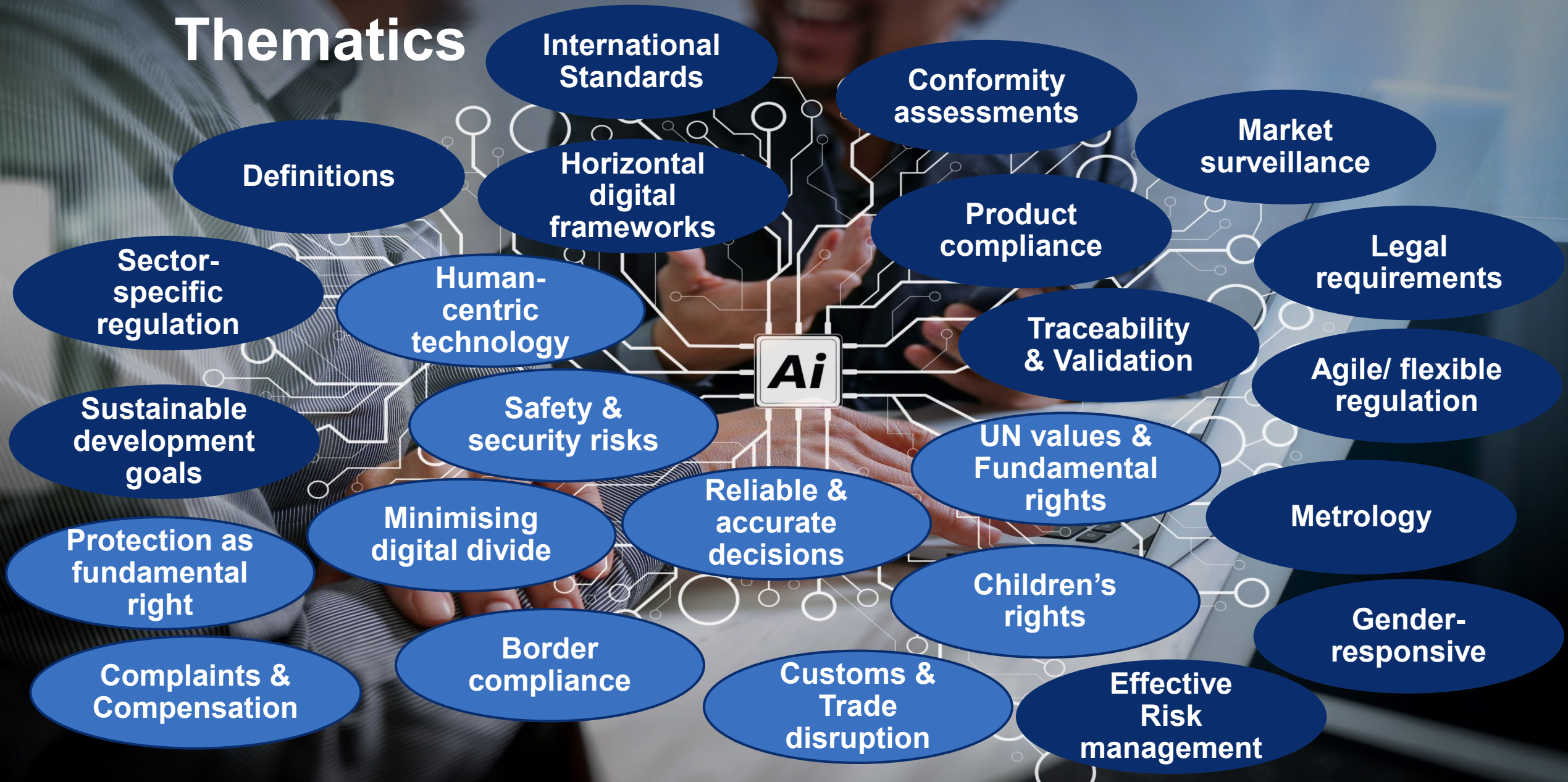


## External experts

- Informal / non-committal conversations with **Prof. Stuart Russell OBE**, specifically wrt. **definitions** (<https://cs.berkeley.edu/news/2021/06/stuart-russell-named-officer-most-excellent-order-british-empire>)

We will be identifying & reaching out to further experts as and when needed.

# Thematics



# Feedback

We received a total number of **72 comments**, thereof **69% were accepted** and **14% rejected**:

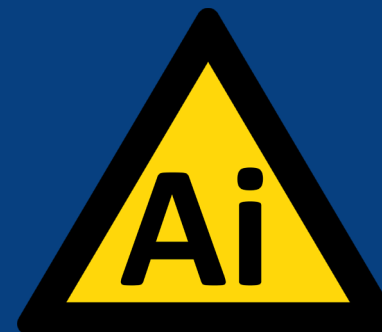
Nature of comments	Count	Accepted	Rejected
Language	21	14	6
Addition	13	11	2
Clarification	10	7	
Definitions	8	5	1
Terminology	7	7	
WP.6 action	6	2	
General comment	3	2	
Correction	1	1	
Deferred - after public consultation	1	1	
Order	1		1
Regulatory frameworks	1		
<b>Grand Total</b>	<b>72</b>	<b>50</b>	<b>10</b>

A small number of comments are subject to further review (7) and the remainder of comments (10) will be addressed in a guidance document.



# Thank you.

Prof. Markus Krebsz  
The Human Ai Institute  
Contact@Human-Ai.Institute  
Krebsz@web.de  
+44 (0) 79 85 065 045  
www.Human-Ai.Institute



**Artificial  
intelligence**



**NeuroTech**



**Robotics**