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Interoperability in AI Safety Governance, Ethics, Regulations, and Standards

UK

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Introduction – Two Interpretations

- UK Doing important and innovative work
- A few cracks appearing and the regulatory system could be said to be fragmented
- Let's take a look at the two perspectives

The Third Way: Promise and Risk

- What is the Third Way?
- Five high-level principles: safety, transparency, fairness, accountability, and contestability
- Promise:flexibility, adaptation, innovation
- Risk – Fragmentation
- The power to enforce
- UK's "third way" is not yet a stable equilibrium.

The Autonomous Vehicle Success: A Model and a Warning

- Automated Vehicles Act 2024 is, by international standards, genuinely good legislation

- It succeeded because of specific advantages

- Succeeds *despite* the broader UK governance model, not *because of it.*

Education: Principle and Powerlessness

- UK's response to education AI is actually quite principled

- It relies on guidance not enforcement

- A fragmented landscape

- This is a problem for interoperability

Cross-Border Data: The Sustainability Question

- UK's post-Brexit strategy reveals its deepest tensions
- Let the data flow (safely and securely)
- An uncomfortable reality
- Is it sustainable?

The AI (Safety) Security Institute: Impressive But Limited

- The establishment of the AI Security Institute

- No enforcement power

- Soft power

- Risk AISI becomes not a neutral global arbiter, but rather a tool of one geopolitical bloc or another

What Needs to Change: Urgency and Direction

- Sector-specific regulators need adequate funding and technical expertise

- Education AI needs to move from guidance to binding legislation

- The UK needs to clarify its post-Brexit data governance strategy

Why Interoperability Matters and Why It Is at Risk

- If it works then everyone is a winner
- If it fails then fragmentation increases
- How do we build credibility?

Conclusion: Three Futures

- What happens next?
- Short
- Medium
- Decision Point
- A work in progress
- Not a failure but not yet a success