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Data Governance

A policy perspective on data & data-driven technologies

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The global organization of national parliaments, founded on the principle of dialogue in 1889.



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Five points to consider

- Excessive Caution
- Rate of Technology Change
- Chilling Effect
- Data Accessibility
- Data Availability



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Excessive Caution

▶ Excessive Caution of Policymakers

- The culture of caution in government and its impact on policy change.
- The role of evidence in overcoming this caution.
- The Working Group toolkit to support engagement between science/academia and parliament.



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Working Group on Science and
Technology

Groupe de travail sur la
science et la technologie

Engagement between Parliament and Science

A practical guide for parliamentarians

Dialogue entre le Parlement et la science

Un guide pratique pour les parlementaires



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Rate of Technology Change

- ▶ **Rate of Technology Change vs Legislative Change**
 - The rapid pace of technology change compared to legislative change.
 - The approach taken in Ireland to regulate social media.
 - The IPU Charter on the Ethics of Science and Technology as a guiding framework.

IPU Charter on the Ethics of Science and Technology

Ethical key principles for regulating science and technology

- ▶ Article 1 – Duty, responsibility and rational decision-making
- ▶ Article 2 – Rule of law
- ▶ Article 3 – Preservation of research freedom and independence
- ▶ Article 4 – Transparency and accountability
- ▶ Article 5 – Data and privacy
- ▶ Article 6 – Risk assessment and management
- ▶ Article 7 – Continuous learning and adaptation
- ▶ Article 8 – Preservation of peace and harmony
- ▶ Article 9 – International cooperation
- ▶ Article 10 – Sustainability and environmental stewardship
- ▶ Article 11 – Social justice and equity





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Chilling effect

- ▶ **Risk Chilling Effect of AI regulation**
 - The potential chilling effect of AI regulation.
 - The issues with GDPR and its impact on data use.
 - The use of data trusts to manage data use.



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Data Accessibility

► Accessibility of Data

- The importance of efficient cross-border data flows and privacy protection.
- Lapsing patents.
- The challenges with data format.





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Data Availability

▶ Developing World

- The challenge of local data availability in the developing world.
- The use of AI and remote analysis to overcome this challenge.
- The UN DPPA innovation cell and its tool, Geoguard.



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Case Study to identify challenges

▶ Water – A Case Study

- The practical case study developed by using water and sanitation to engage evidence-based policy.



Thank you!



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Contact me

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