Data Governance
A policy perspective on data & data-driven technologies

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Inter Parliamentary Union
The global organization of national parliaments, founded on the principle of dialogue in 1889.
Five points to consider

- Excessive Caution
- Rate of Technology Change
- Chilling Effect
- Data Accessibility
- Data Availability
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.
Engagement between Parliament and Science
A practical guide for parliamentarians

Dialogue entre le Parlement et la science
Un guide pratique pour les parlementaires
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
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.
Data Accessibility

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

Contact me

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