AI and Land Registration

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AI: procedural and substantive use

- Procedure
  - Internal processes (administrative)
  - External processes (electronic deeds, information sharing with government agencies etc.)
- Substance
  - Analyse and generate data
  - Develop scenarios (predictions housing and mortgage market)

Impact of AI on land registration

- Different types of registry
- Sharing the same purpose
- Comparable processes
- AI, as such, has an impact irrespective of the registration system (think also of the impact on employment)
- ELRA working group: Principles and Frameworks

AI – ELRA Principles (draft)

- Principle 1: Human Responsibility
- Principle 2: Assistance, Not Substitution
- Principle 3: Clear Distinction
- Principle 4: Transparency
- Principle 5: Human Override
- Principle 6: Data Governance
- Principle 7: Verification
- Principle 8: Procedural Uses First
- Principle 9: Protection of Legal Judgement
- Principle 10: Legal Certainty by Design
- Principle 11: Cybersecurity
- Principle 12: Data Sovereignty
- Principle 13: Technological Independence
- Principle 14: Risk-Based Governance

AI – ELRA Frameworks (draft)

- 1. Fundamental Pillars
- 2. Legal Framework
- 3. Governance and Accountability Framework
- 4. Human Oversight Framework
- 5. Risk Management Framework
- 6. Data Governance Framework
- 7. Transparency and Explainability Framework
- 8. Technology and Security Framework
- 9. Vendor and Procurement Framework
- 10. Operational Framework
- 11. Ethics and Public Trust Framework
- 12. Continuous Improvement Framework

AI as the new universal land registry?

- When digitalisation began, it became clear that standardisation was necessary
- Standardisation creates a reality which is more abstract, less concrete and personal
- AI brings standardisation to a higher level

Questions for discussion

Is code really becoming law?

Could land registries, because of AI, all become ‘positive’?



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