HUMAN RIGHTS, DEMOCRACY AND THE RULE OF LAW

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DROITS DE L'HOMME, DÉMOCRATIE ET ÉTAT DE DROIT

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European Commission for the Efficiency of Justice

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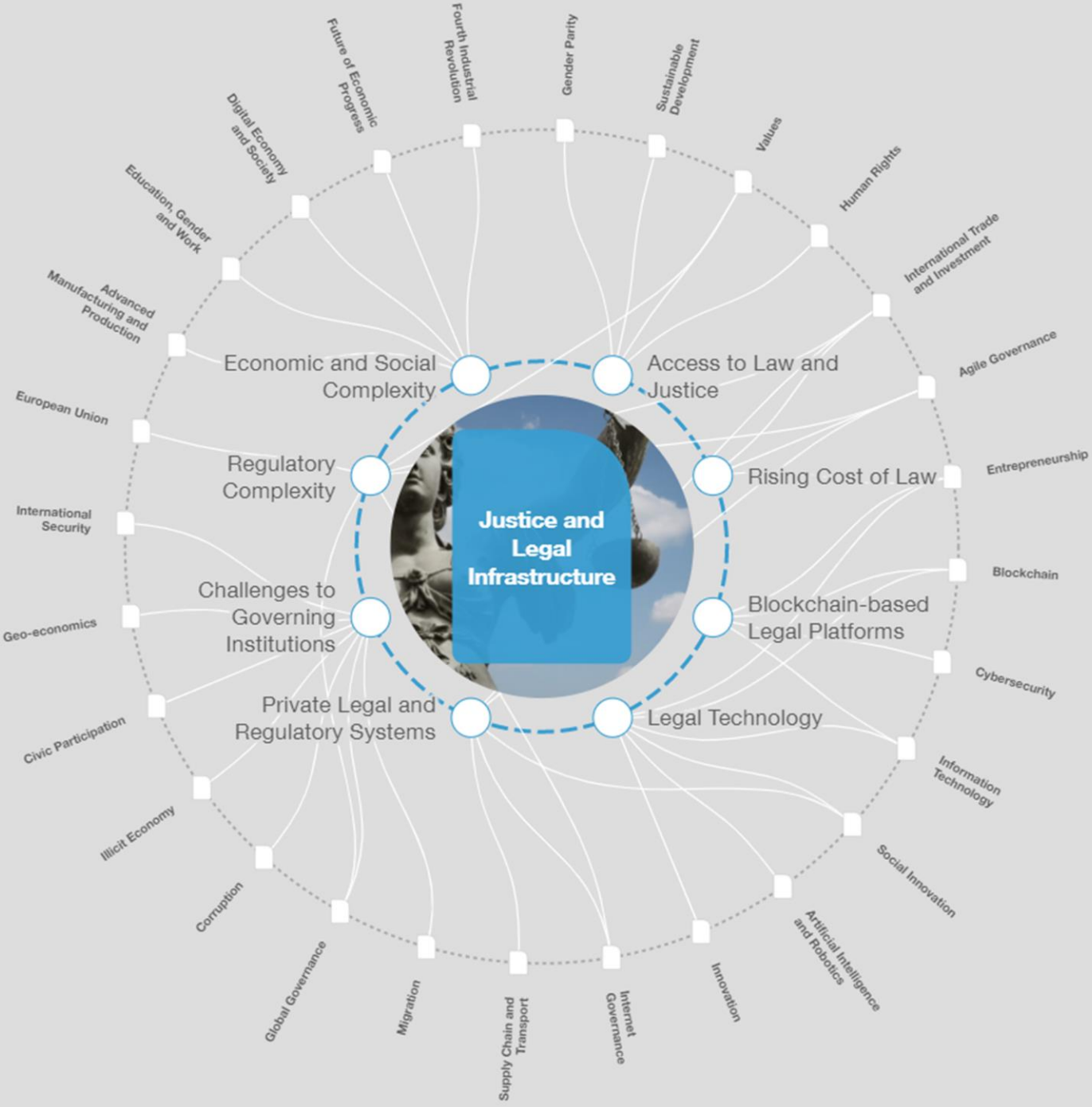
European Ethical Charter on the use of artificial intelligence in judicial systems and their environment


Justice and Legal Infrastructure
Economic and Social Complexity
Access to Law and Justice
Regulatory Complexity
Rising Cost of Law
Challenges to Governing Institutions
Blockchain-based Legal Platforms
Private Legal and Regulatory Systems
Legal Technology
Fourth Industrial Revolution
Gender Parity
Sustainable Development
Values
Human Rights
International Trade and Investment
Agile Governance
Entrepreneurship
Blockchain
Cybersecurity
Information Technology
Social Innovation
Artificial Intelligence and Robotics
Innovation
Internet Governance
Supply Chain and Transport
Migration
Global Governance
Corruption
Illicit Economy
Civic Participation
Geo-economics
International Security
European Union
Advanced Manufacturing and Production
Education, Gender and Work
Digital Economy and Society
Future of Economic Progress

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Søg...

news anchor robot - Google...

news anchor is really A.I.
cnbc.com

AI news anchor unveiled in China ...
theguardian.com

AI female news anchor ...
qz.com

Meet Erica the robot news anchor - YouTube
youtube.com

First Female Robotic News Anchor ...
ndtv.com

Xinhua unveils AI news anchor ...
cnn.com

Meet Erica, Japan's Next Robot New...
livescience.com

Xinhua agency unveils AI news presenter ...
bbc.com

Future of News: Will Robot Reader...
learningenglish.voanews.com

News Anchor Gives Human TV...
digitaltrends.com

Background - European Ethical Charter of the use of AI in judicial systems and their environment

AI in judicial systems – a growing phenomenon in Europe, mostly led by the private sector

Different AI applications:

- ✓ To support legal professionals in performing legal research
- ✓ To ensure a better predictability of court decisions
- ✓ To support registries' work and court administration
- ✓ To inform and advise citizens

Ensure that the design and implementation of artificial intelligence tools and services are compatible with fundamental rights.

Ensure that the design and implementation of artificial intelligence tools and services are compatible with fundamental rights.

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PRINCIPLE 1:

PRINCIPLE OF RESPECT FOR HUMAN RIGHTS

Ensure that the design and implementation of artificial intelligence tools and services are compatible with **fundamental rights.**

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PRINCIPLE 2:

PRINCIPLE OF NON-DISCRIMINATION

Specifically prevent the development or intensification of any discrimination between individuals or groups of individuals.

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PRINCIPLE 3:

PRINCIPLE OF QUALITY AND SECURITY

With regard to the processing of judicial decisions and data, use **certified sources** and **intangible data** with models conceived in a **multi-disciplinary** manner, in a **secure** technological environment

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PRINCIPLE 4:

PRINCIPLE OF TRANSPARENCY, IMPARTIALITY AND INTELLECTUAL INTEGRITY

Make data processing methods **accessible and understandable,** authorise **external audits**

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PRINCIPLE 5:

PRINCIPLE "UNDER USER CONTROL"

Preclude a prescriptive approach and ensure that **users** are i**nformed** actors and **in control** of the choices made

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IA applications

Artificial intelligence (AI) : possible use with case law

1 Search engines

2 Administration of justice

3 Chatbot

4 **Predictive justice**

Use of AI

- Legal research
- E-discovery
- Risk assessment in contracts
- Document discovery and review
- Checking large amounts of information accurately
- Evidence-based decision-making
- Determining the chances of success in litigation
- Predicting case outcomes
- Identifying precedents
- Conflict checks and due diligence
- Billing

Blockchain

- Smart contracts
- Verifying signatures on legal documents
- Simplifying conveyancing

Analytics

- Processing large amounts of legal data
- Analysing a judge's prior actions for strategic insights
- Text analytics for contracts

Technological solutions in the legal system

- **Automation**
- Contract management, IP, drafting
- Online production, negotiation and signing of contracts
- Archiving and retrieval
- Automated back office and shared services (e.g. scheduling)

- **Self-service for clients**
- Chat bots
- Online service portals, dispute resolution
- Tools connecting lawyers to clients

Virtual

- Virtual reality technology for remote participation
- Cloud-based services; rise of virtual law firms
- Virtual courts

Further applications

- Electronic billing and legal fee estimation
- Electronic case management
- Facial expression recognition
- Law education through gamification

International examples

- **Digital platforms & services**
- uitelkaar.nl (Netherlands): online divorce platform
- Augusta (Argentina): used by Supreme Court of Buenos Aires, allows users to find legal documents, files, etc.
- Online Dispute Resolution platform (EU)
- Internet courts, blockchain copyright protections of online evidence, online trial services, including on WeChat (China)
- Lex Machina (US): legal analytics
- ROSS Intelligence (US): legal researcher employed by law firms

Chat bots

- Eesti Oigusbüroo (Estonia) & Norton Rose Fulbright (Australia): law firms using chat bots

Upcoming

- AI judge (Estonia) — aims to adjudicate small claims disputes Online dispute resolution for motor accident claims (Singapore)
- Virtual courts could include remote video hearings, online pleas and video replay tools for jurors (UK)

Thank you !

Questions / Discussion

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