



# First Legally Binding International AI Treaty

For Prelims: [Artificial Intelligence \(AI\)](#), [European Union](#), [Convention on Biological Diversity](#)

For Mains: Key Facts about the Europe's AI Convention.

[Source: BS](#)

## Why in News?

According to the **Council of Europe**, the first legally binding **international treaty on Artificial Intelligence (AI)** will be open for signing by the participating nations, including **European Union members, the United States, and the United Kingdom.**

## Council of Europe (COE)

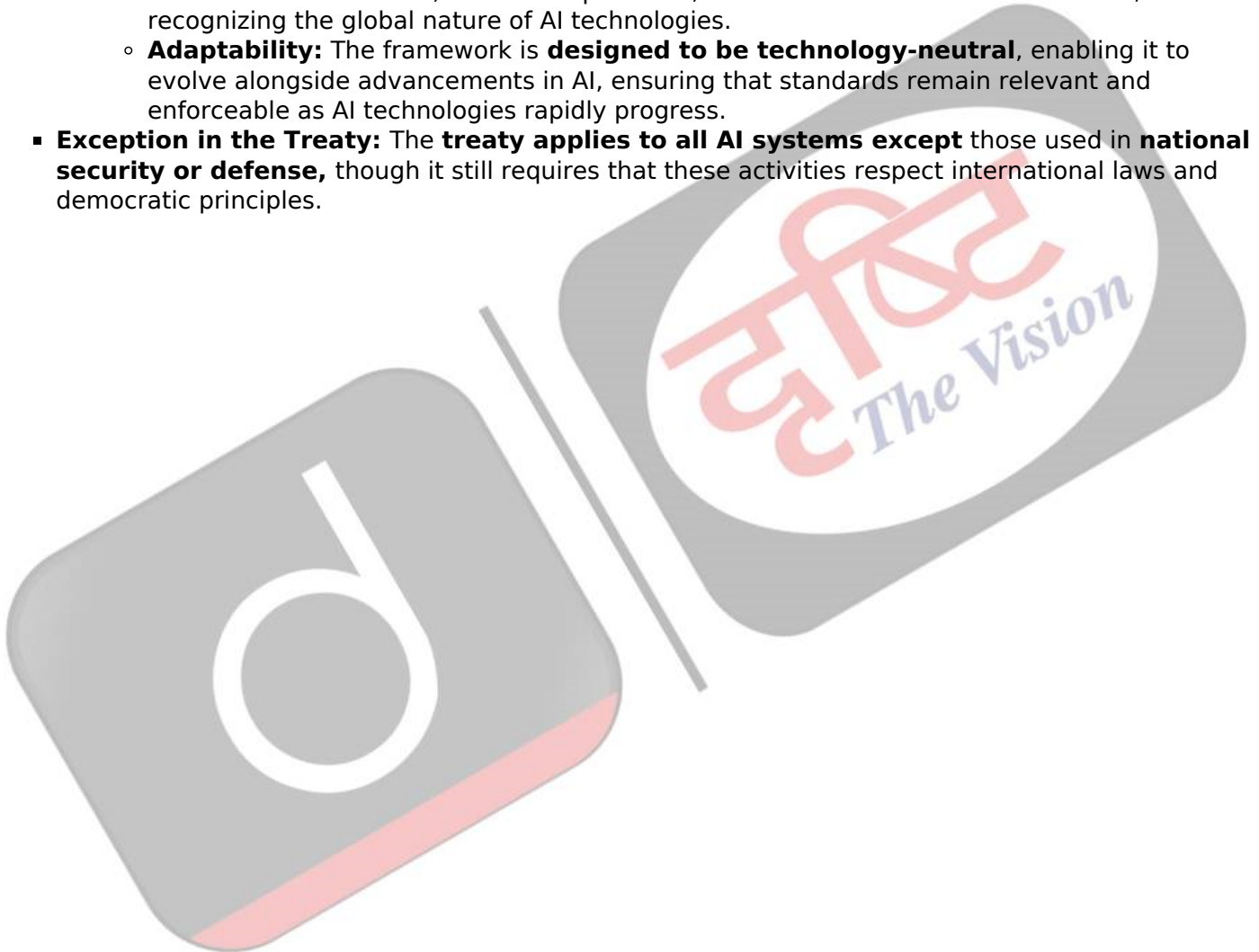
- The Council of Europe (COE) is an international organisation **founded in 1949** and **headquartered in Strasbourg, France.**
- It is distinct from the European Union (EU) and consists of **46 member states**, including most European countries.
- The COE's primary mission is to **uphold and promote democracy, human rights, and the rule of law** across its member states.

## What are the Key Facts about the AI Convention?

- **About:**
  - **“The Framework Convention on Artificial Intelligence and Human Rights, Democracy, and the Rule of Law”**, primarily emphasises the protection of human rights for individuals impacted by AI systems and operates independently of **the EU AI Act.**
    - The EU AI Act establishes comprehensive regulations **governing the development, deployment, and use of AI** systems within the EU's internal market.
  - The AI Convention has been **under development for several years** and was **adopted in May 2024** following deliberations among 57 countries.
  - It aims to **mitigate the risks associated with artificial intelligence** while fostering responsible innovation.
- **The Conditions for the Treaty:**
  - **Human-Centric AI:** The treaty mandates that **AI systems** must be designed and operated **in alignment with human rights principles**, ensuring they support and uphold democratic values.
  - **Transparency and Accountability:** The treaty stipulates that AI systems, particularly those interacting with humans, must **operate transparently.**

- It also **requires governments to provide legal recourse when AI systems** infringe on human rights.
- **Risk Management and Oversight:** The treaty establishes frameworks for assessing and managing the risks associated with AI, along with oversight mechanisms to **ensure adherence to safety and ethical standards.**
- **Protection Against Misuse:** The treaty incorporates safeguards to **prevent AI from being used to undermine democratic processes**, including the preservation of judicial independence and ensuring public access to justice.
- **Key Enforcement Mechanisms:**
  - **Legal Accountability:** Signatory nations are required to **enact legislative and administrative measures** to ensure AI systems adhere to the treaty's principles like human rights and accountability in AI deployment.
  - **Monitoring and Oversight:** The treaty establishes **oversight mechanisms to monitor compliance** with AI standards.
  - **International Cooperation:** The treaty promotes **collaboration among signatories** to harmonise AI standards, share best practices, and address transnational AI issues, recognizing the global nature of AI technologies.
  - **Adaptability:** The framework is **designed to be technology-neutral**, enabling it to evolve alongside advancements in AI, ensuring that standards remain relevant and enforceable as AI technologies rapidly progress.
- **Exception in the Treaty:** The **treaty applies to all AI systems except** those used in **national security or defense**, though it still requires that these activities respect international laws and democratic principles.

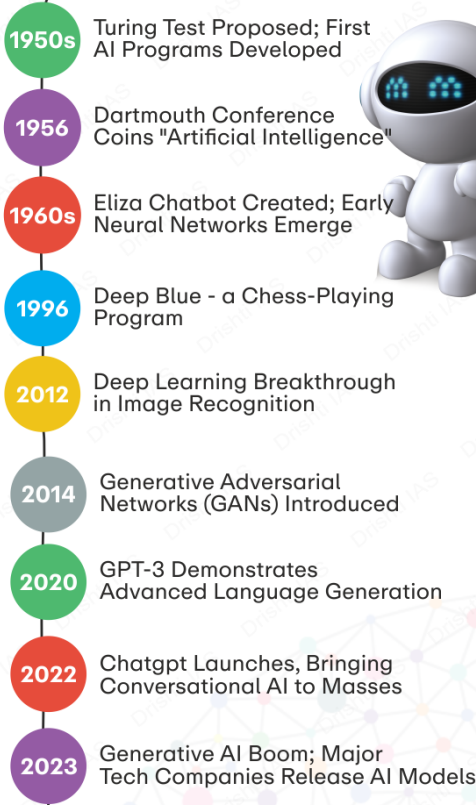
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# Artificial Intelligence (AI)

AI is the simulation of human intelligence in machines programmed to think and learn like humans, capable of problem-solving, reasoning, and adapting to new information.

## AI Timeline - Major Milestones



## Applications of AI

- ↳ **Healthcare:** Personalised medicine
- ↳ **Finance:** Algorithmic trading
- ↳ **Transportation:** Autonomous vehicles
- ↳ **Marketing & Customer Service:** Targeted advertising, chatbots
- ↳ **Education:** Adaptive learning systems, personalised tutoring
- ↳ **Agriculture:** Crop monitoring
- ↳ **Cybersecurity:** Threat detection
- ↳ **Energy:** Smart grid management, consumption forecasting

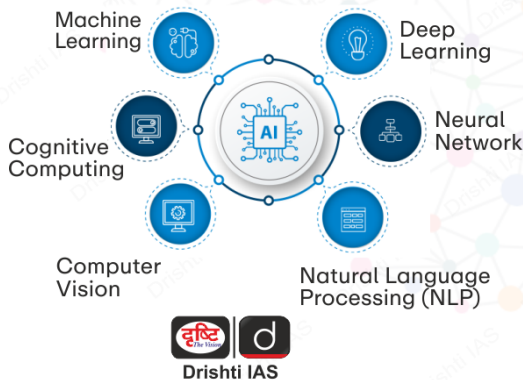
## Concerns

- ↳ Deepfakes & misinformation
- ↳ Algorithmic bias
- ↳ Automation & job displacement
- ↳ Privacy issues
- ↳ Data ownership & liability issue
- ↳ Ethical decision-making complexes

## Regulating AI

- ↳ **Global Partnership on AI (GPAI)** launched in 2020
- ↳ **Bletchley Declaration (2023):** Enhance Global Collaboration on AI
- ↳ **G20 New Delhi Leaders' Declaration (2023):** Harnessing AI responsibly for good and for all
- ↳ **Hiroshima AI Process (2023)** by G7

## KEY COMPONENTS OF AI



## India and AI

- ↳ **National Strategy For AI 2018**
- ↳ **AI For All:** Self-learning online program
- ↳ **GPAI Summit 2023** hosted by India
- ↳ **IndiaAI Mission 2024**
- ↳ **US India Artificial Intelligence (USIAI) Initiative:** AI cooperation in critical areas
- ↳ **AIRAWAT** (AI Research, Analytics and Knowledge Assimilation Platform): Supercomputer

## What is the Significance of the AI Convention?

- **Comprehensive Drafting:** The treaty was **meticulously drafted adopting a risk-based approach** to the design, development, use, and decommissioning of AI systems.
- **Broad Applicability:** It **applies to AI systems across** both the **public sector, and the private sector**, with enforcement across various geographical regions.
- **Global Legal Standard:** The Framework Convention on Artificial Intelligence represents a **first-of-its-kind, globally binding treaty designed to** respond to the need for an international legal standard endorsed by states across different continents with shared values.
- **Balancing Innovation and Risk:** The treaty aims to **promote the responsible use of AI** by harnessing its benefits while effectively mitigating associated risks, ensuring that AI development aligns with human rights, the rule of law, and democratic principles.

## What are the Issues and Concerns of the AI Convention?

- **Concerns Over Enforcement:** Despite being labelled as "**legally binding**," the treaty has raised concerns due to its **lack of provisions for punitive sanctions, such as penalties or fines**, which weakens its deterrent effect from an enforcement perspective.
- **Reliance on Monitoring:** Compliance with the treaty is primarily ensured through "**monitoring mechanisms**," which **may not be sufficient to effectively enforce the treaty's provisions**.
- **Balancing Regulation and Innovation:** Striking the right balance between stringent regulations and fostering innovation is a critical concern. **Excessive regulatory burdens may stifle the development of AI technologies**, particularly for small and medium-sized enterprises (SMEs) and start-ups, thereby affecting competitiveness in the global AI market.
- **National Sovereignty vs. International Standards:** The convention's provisions may conflict with national laws, creating **tensions between state sovereignty**.
- **Addressing National Security Concerns:** While the convention attempts to balance AI governance with national security interests, the **intersection of AI with defense and intelligence activities presents challenges**. Ensuring that national security is not compromised while maintaining ethical AI practices requires a delicate balancing act, which the convention may struggle to achieve.

## Conclusion

"The Framework Convention on Artificial Intelligence and Human Rights, Democracy, and the Rule of Law" marks a **pivotal advancement in the global governance of artificial intelligence**. By engaging with the critical interplay between AI, human rights, democracy, and the rule of law, **it addresses a vital deficiency in current regulatory structures**. Its comprehensive scope, including provisions for national security considerations, establishes a benchmark for responsible AI governance, fostering **international cooperation and setting standards** that could resonate both regionally and globally.

### **Drishti Mains Question:**

Q. Discuss the key issues and concerns associated with Europe's AI Convention in the context of global artificial intelligence governance.

## UPSC Civil Services Examination, Previous Year Question (PYQ)

### **Prelims**

**Q. With the present state of development, Artificial Intelligence can effectively do which of the following? (2020)**

1. Bring down electricity consumption in industrial units
2. Create meaningful short stories and songs
3. Disease diagnosis
4. Text-to-Speech Conversion
5. Wireless transmission of electrical energy

**Select the correct answer using the code given below:**

- (a) 1, 2, 3 and 5 only
- (b) 1, 3 and 4 only
- (c) 2, 4 and 5 only
- (d) 1, 2, 3, 4 and 5

**Ans: (b)**

PDF Refernece URL: <https://www.drishtias.com/printpdf/first-legally-binding-international-ai-treaty>

