AI-Powered Legal Advisory System - **Lumiere**

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In this Presentation
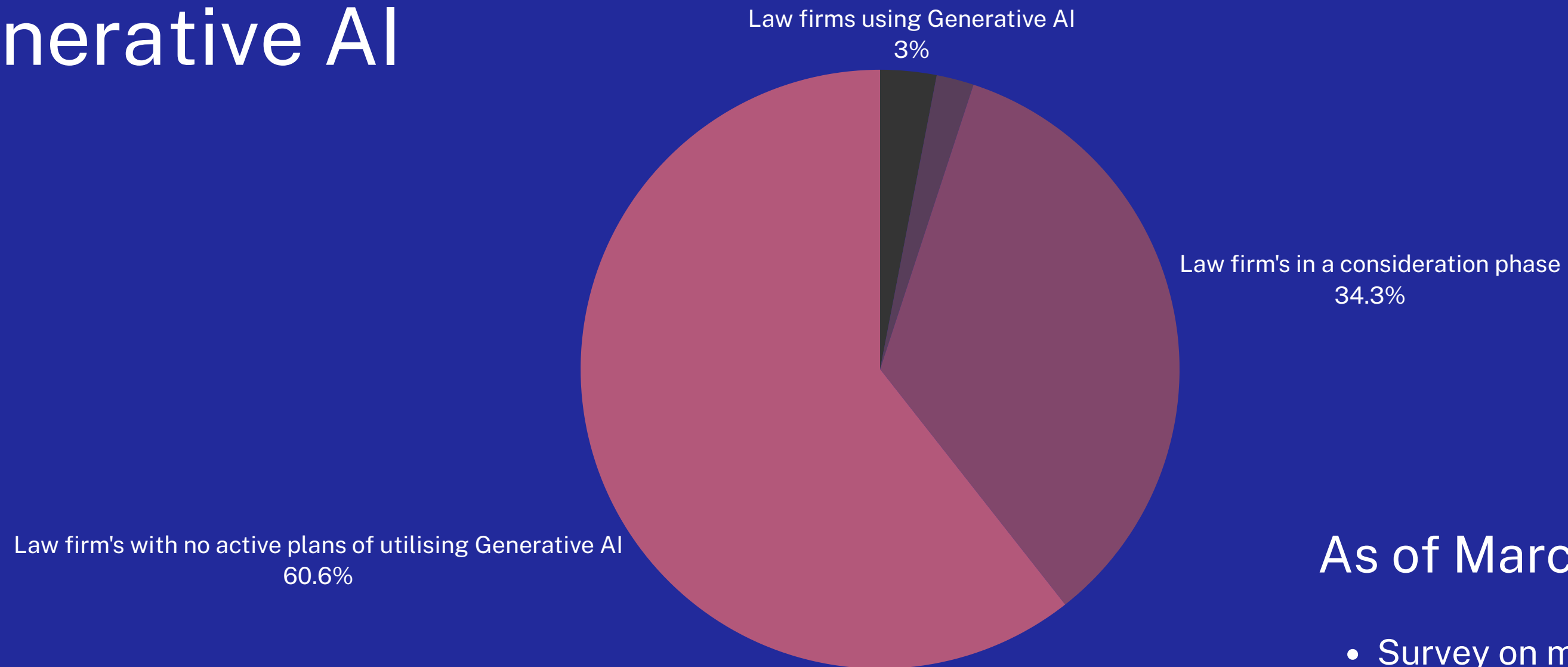
01 - What is AI?

Artificial Intelligence

Human New future

- Leverages computers + machines to mimic the problem-solving, and decision-making capabilities of the human mind
- Dates back to the 50s
  - Publication of Alan Turing's *Computer Machinery and Intelligence*
- Strong AI vs. Weak AI
- Enables law firms to- do legal research, document management, due diligence and litigation analysis.

Law firm's use of Generative AI

Law firms using Generative AI
3%

Law firm's in a consideration phase
34.3%

**Law firm's with no active plans of utilising Generative AI**
60.6%

As of March 2023

- Survey on midsize and large law firms located in the United States, United Kingdom, and Canada.
- 443 applicable survey respondents between March 21 and 23, 2023.

ChatGPT and Generative AI within Law Firms. (2023). Thomson Reuters Institute; Thomson Reuters.
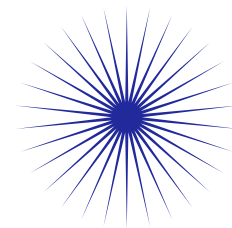
How can Generative AI optimise law firm's due diligence process?

Helping lawyers understand how incoming contracts meet compliance thresholds
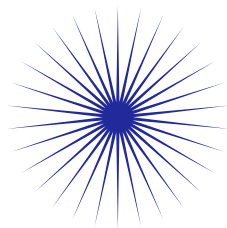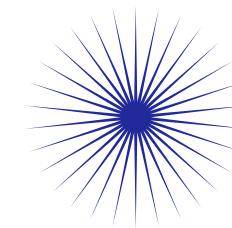
Time-efficiency

- Recognise specific clauses
- Points-out anomalies
- Identify absent key clauses

Reduced paperwork

- Decreased document review by as much as 80%
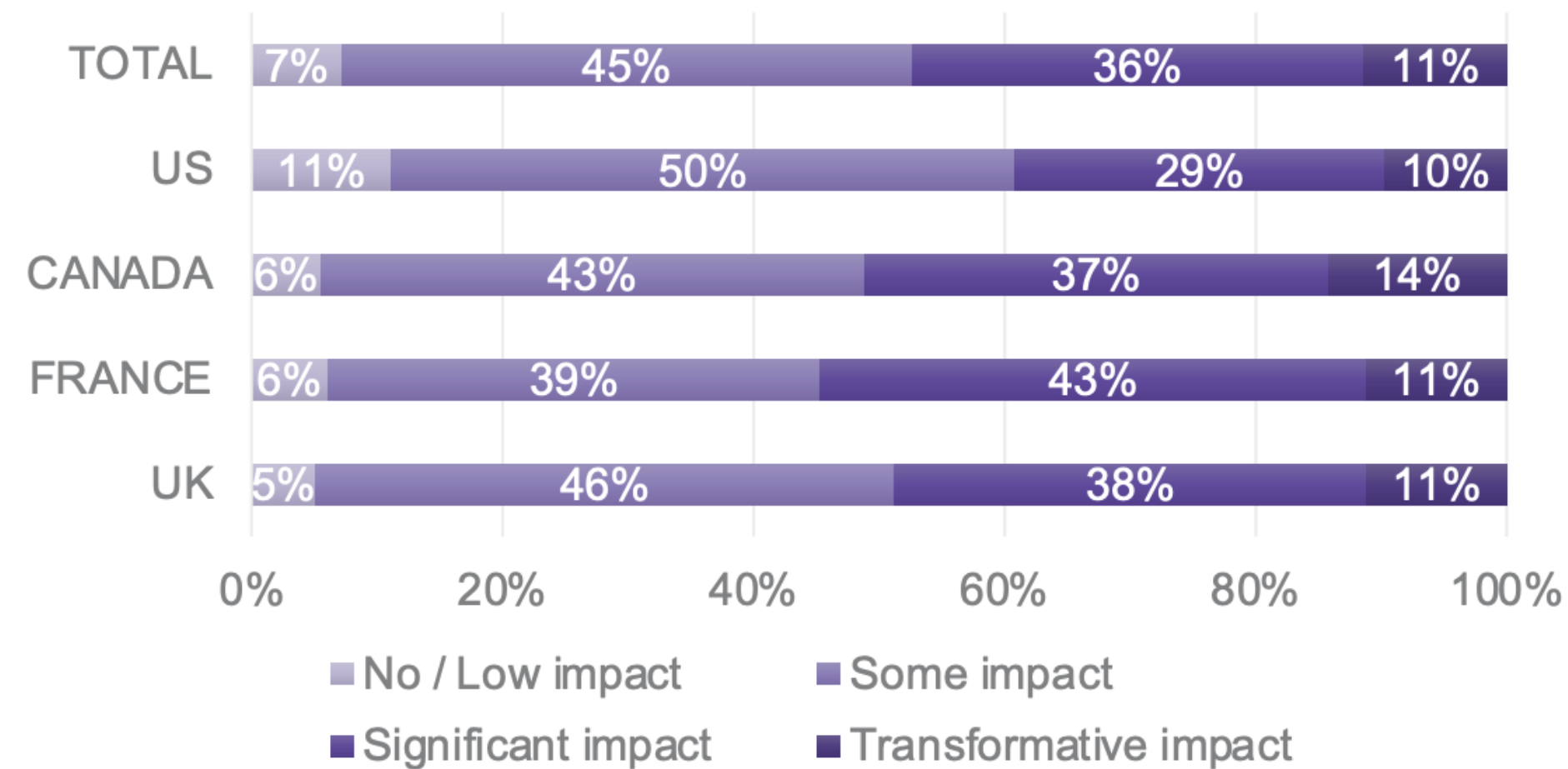- Lower client's fees
- Higher lawyer's demand

Court case predictions

- Time-to-trial
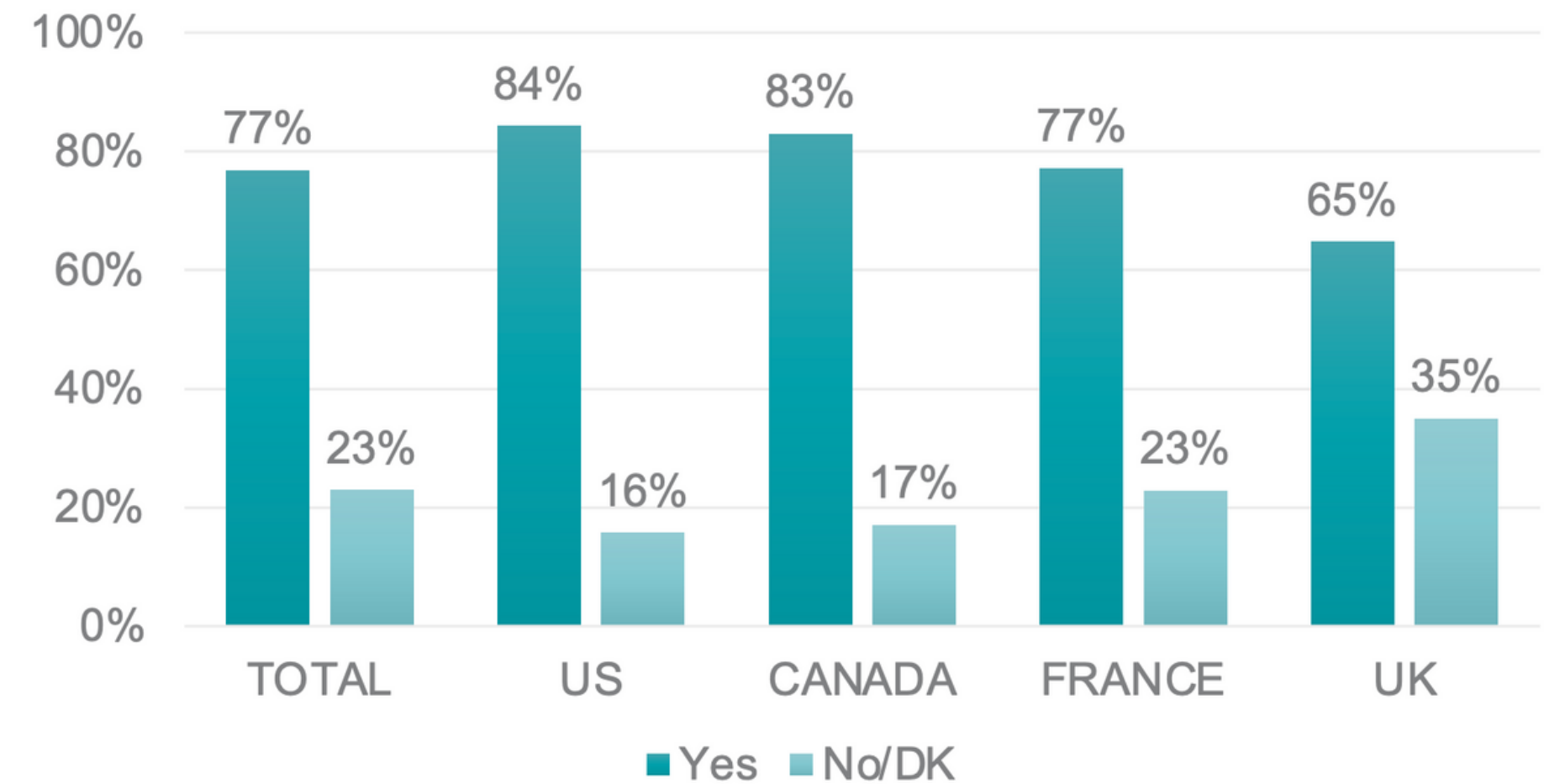- Likelihood of success
- Evaluate damages a case could win

According to Goldman Sachs, 44% of legal tasks could be performed by AI.

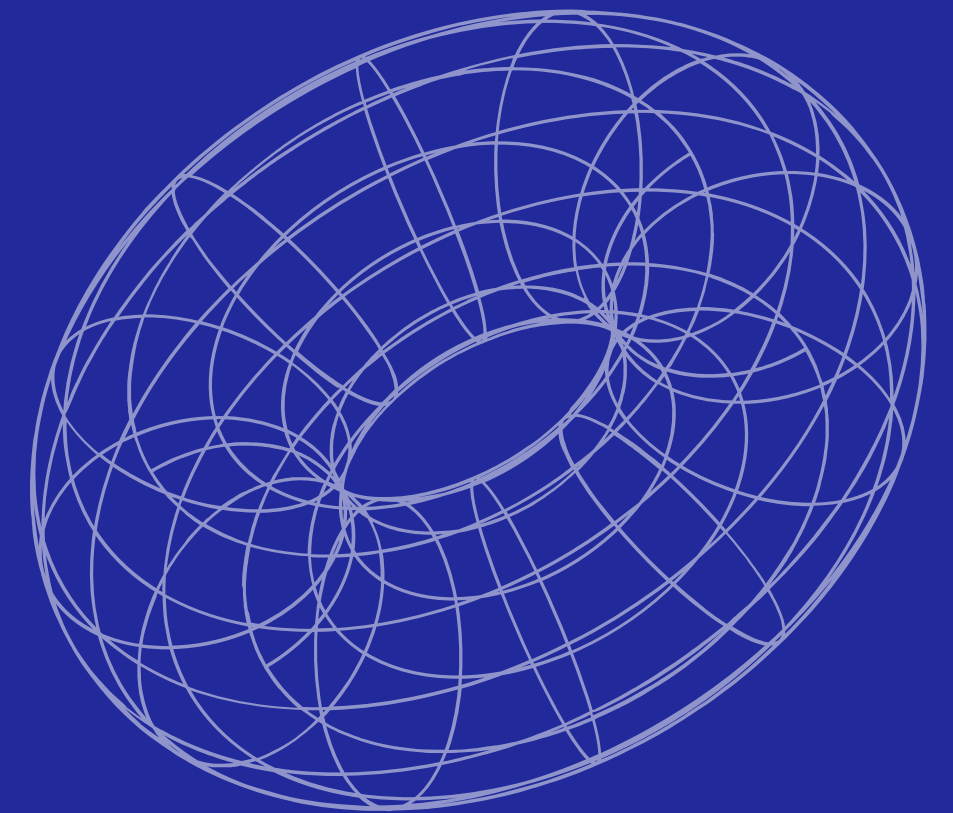# LexisNexis 2023, International Legal Generative AI Report

Impact of Generative AI on Law

	No / Low impact	Some impact	Significant impact	Transformative impact
TOTAL	7%	45%	36%	11%
US	11%	50%	29%	10%
CANADA	6%	43%	37%	14%
FRANCE	6%	39%	43%	11%
UK	5%	46%	38%	11%

Believe Generative AI Will Increase Efficiency

	Yes	No/DK
TOTAL	77%	23%
US	84%	16%
CANADA	83%	17%
FRANCE	77%	23%
UK	65%	35%

Proposed Project

Project aims

- ### AI System Infrastructure
  An advanced AI infrastructure capable of analysing legal documents with a vast database encompassing diverse jurisdictions and legal areas.

- ### User-friendly/Intuitive Interface
  Intuitive interface accessible to individuals without legal expertise by allowing users to easily upload their contracts or request the AI system to generate custom contracts based on their specific requirements.

- ### Contract Analysis and Recommendations
  Analyse contracts that are uploaded, pinpoint risks, potential loopholes or hidden/problematic clauses in order to minimise future legal issues.
  The system will also provide clear suggestions for rectifying or modifying problematic clauses to enhance the overall legal robustness of the contract.

- ### Educational Resources
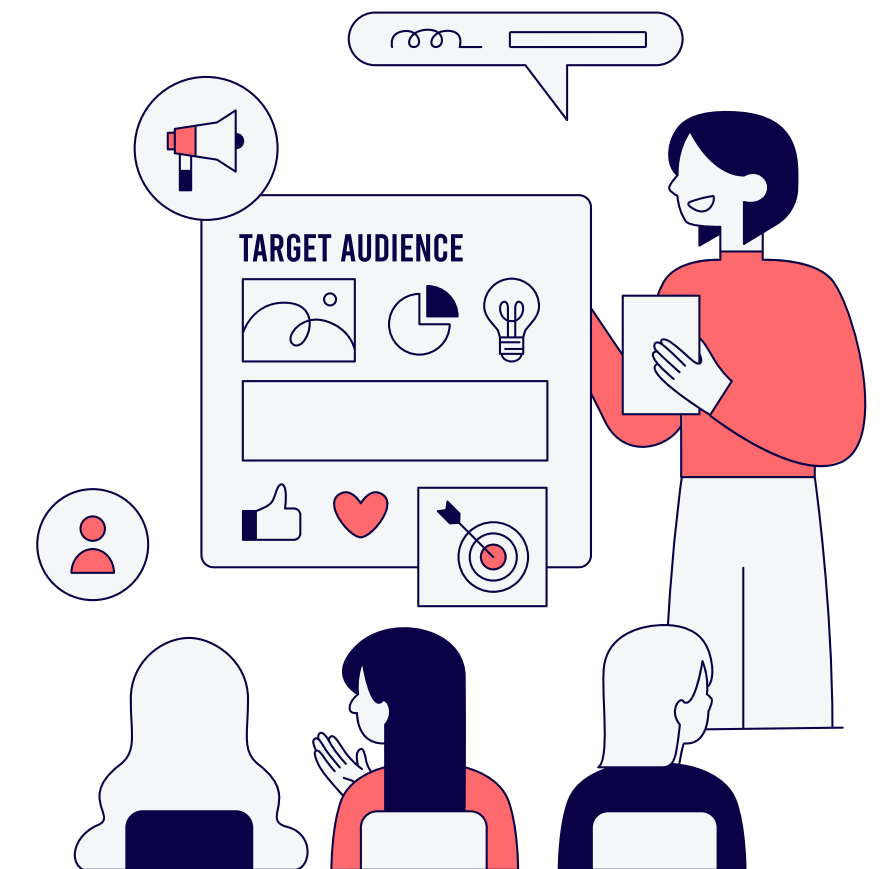 Explaining legal terms, concepts, and the reasoning behind recommended modifications
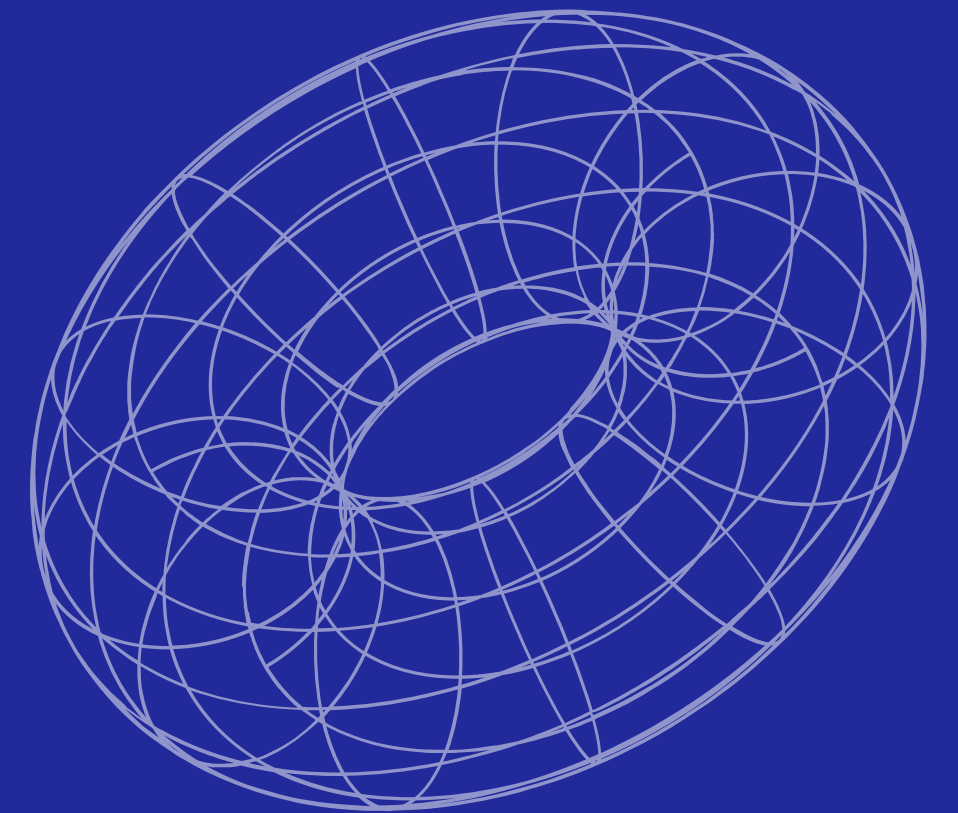
Target audience

- The goal is to enhance accessibility to legal assistance by being widely available

Special focus on:

- People without legal knowledge

- People with limited financial means or resources

Advantages of Lumiere

1	Increasing Accessibility		**6**	Consistency and Accuracy
2	Cost-effective		**7**	Added Educational Value
3	Efficiency and Effectiveness		**8**	Privacy and Confidentiality
4	24/7 Accessibility		**9**	Customization
5	Scalability		**10**	Community Impact

Disadvantages of AI in the legal field
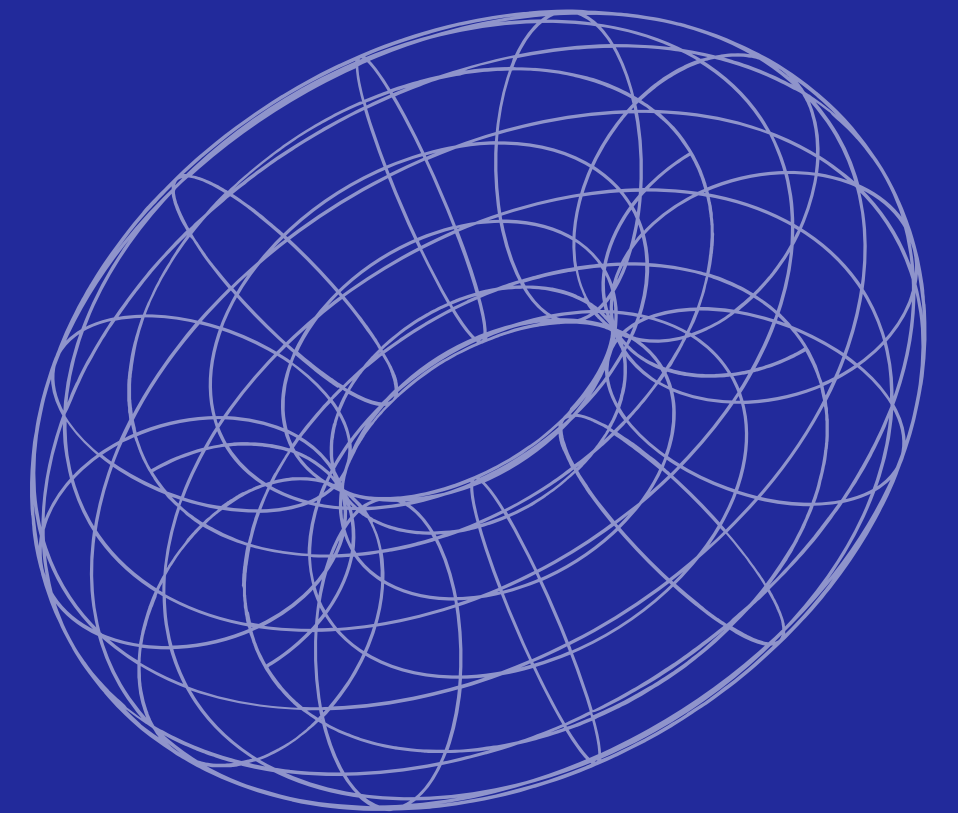
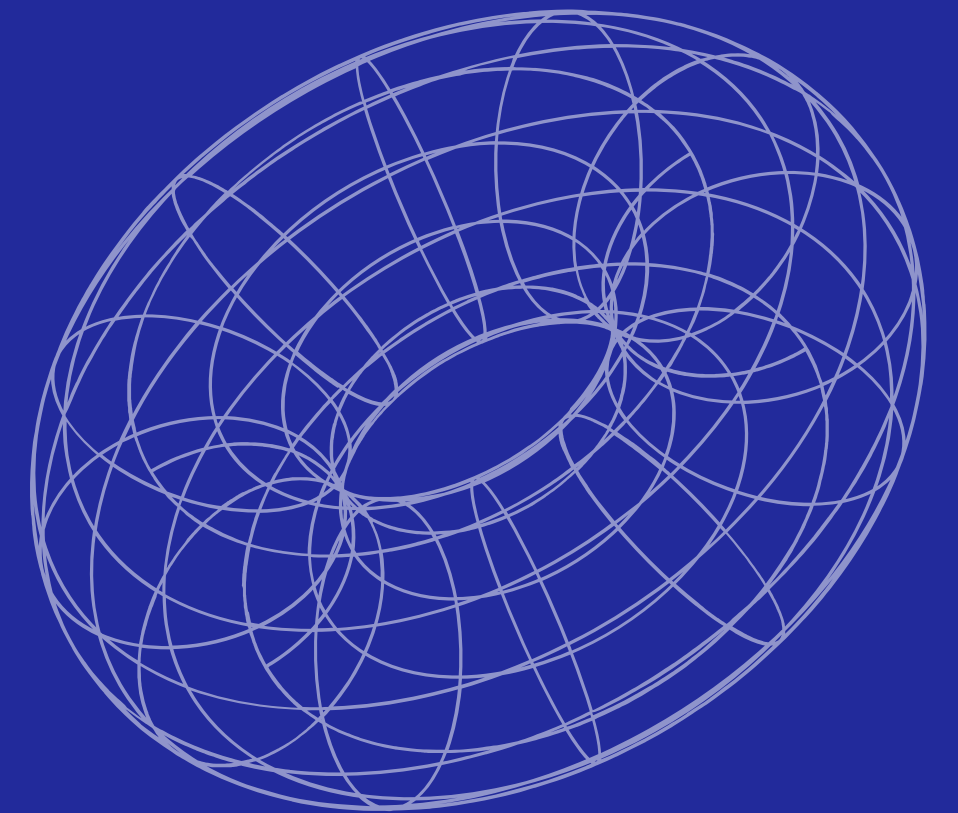**1** Dependence on technology

2 Ethical concerns

3 Lacks personal thought

4 Data privacy and security

This enables you to accept credit card payments.

5 Cultural challenges

Conclusion

Do you have any questions?