JUDICIAL TRAINING:

the right skills to embrace the digitalisation of justice

26, 27 & 28 April 2023

European Commission

JUDICIAL TRAINING

Guide on the use of AI-tools by lawyers and law firms in the EU:

the AI4Lawyers project by CCBE & ELF

dr Peter Homoki, Homoki Ügyvédi Iroda (lawyer, Hungary)
https://homoki.net https://www.linkedin.com/in/homoki/

European Commission

JUDICIAL TRAINING

OUTLINE

AI4Lawyers project of CCBE & ELF, co-funded by the European Union

Focusing on small firms and small languages and jurisdictions

Why is this important? (fragmented legal IT markets and suboptimal competence)

Conceptual foundations & major NLP areas of concern explained

Credible future scenarios of a small firm using AI

Deontology problems

Major changes since April 2022 & future plans

European Commission

JUDICIAL TRAINING

AI4Lawyers project (CCBE & ELF)

https://ai4lawyers.eu/

Co-funded by the EU Justice programme, finished in 31 March 2022

3 deliverables
(IT capabilities, NLP tools, the “Guide”)
in English and Hungarian

European Commission

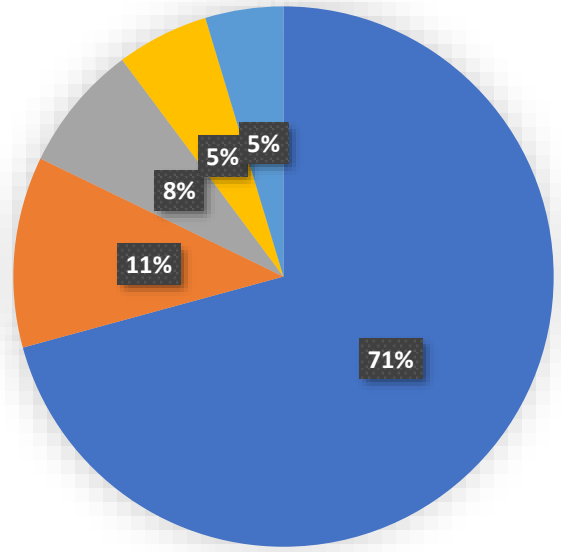
JUDICIAL TRAINING

Focusing on small firms and languages

European Commission

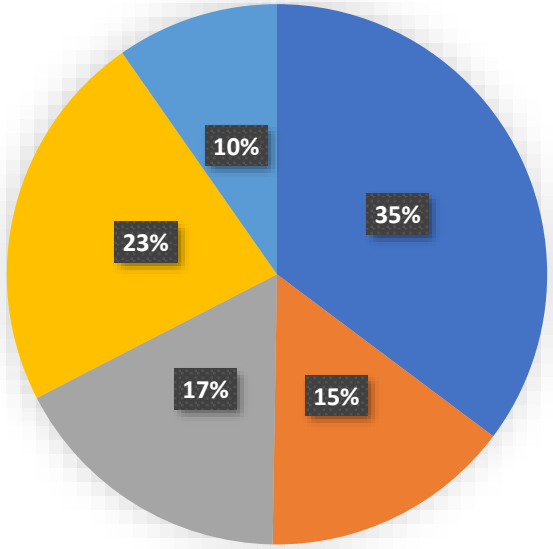
Total number of employees per size class

EU

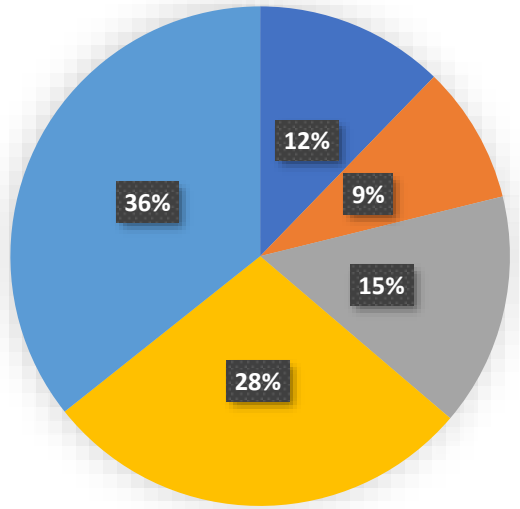


0-9 employees
10-19 employees
20-49 employees
50-249 employees
250+ employees

US



UK



2018 % of employees	EU employees	US employees	UK employees
Entities with 0 to 9 employees	71.44%	35.23%	12.25%
Entities with 10 to 19 employees	11.54%	15.03%	8.91%
Entities with 20 to 49 employees	7.69%	17.18%	15.08%
Entities with 50 to 249 employees	5.56%	22.86%	28.07%
Entities with 250+ employees	4.72%	9.71%	35.69%

JUDICIAL TRAINING

Why is this important?

Fragmented legal IT markets in EU (cross-border differences)

Hard to **change** how **lawyers** work

Competition between lawyers very strong,

BUT competition will *not* solve the lack of available tools

Lack of tools fixes the required IT competence at **suboptimal** level
→ effect on **digitisation** of **justice**

Better **awareness and knowledge** of lawyers may boost market demand,

& lawyers can retain their **independence**

European Commission

JUDICIAL TRAINING

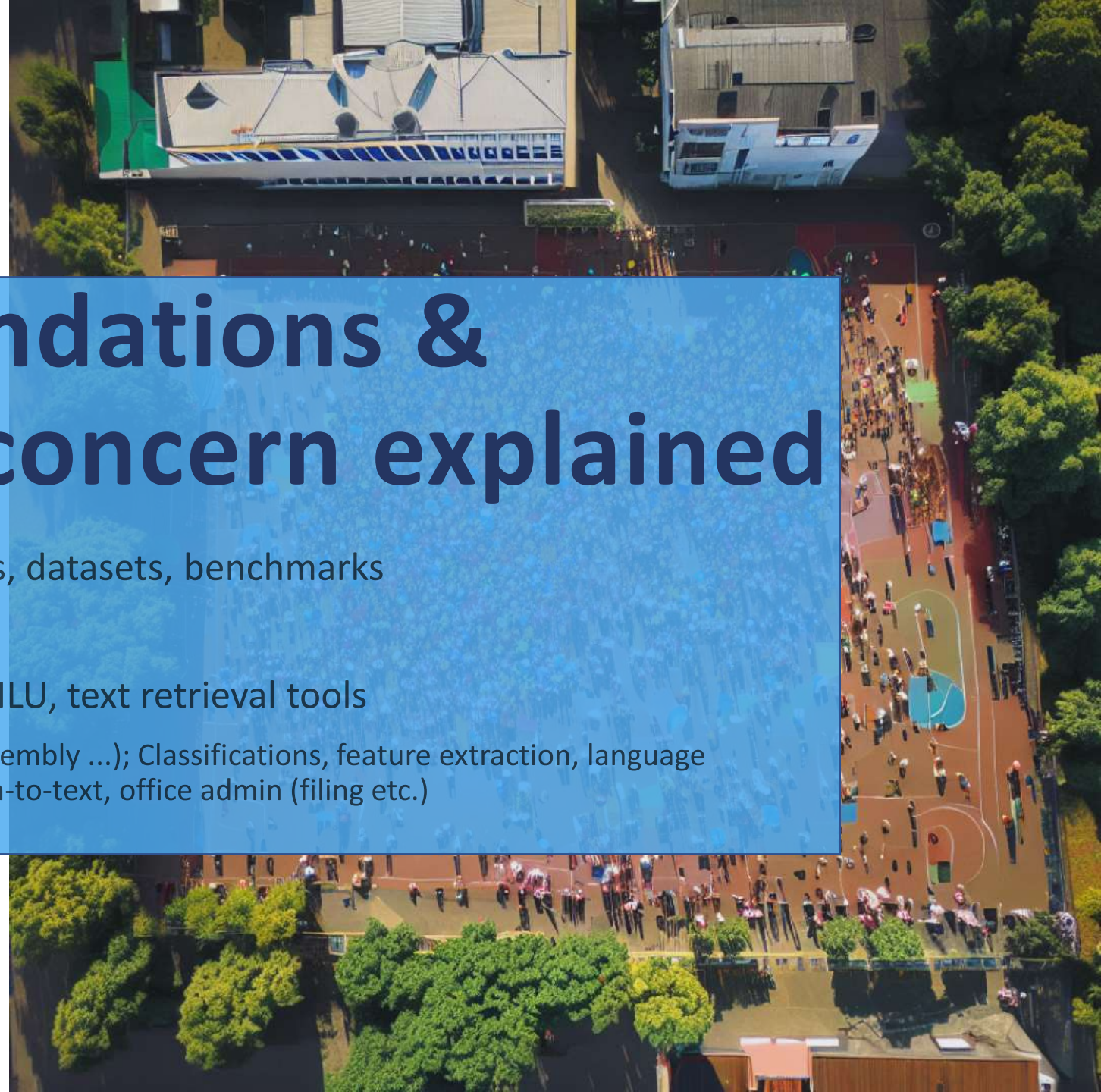
Conceptual foundations & major areas of concern explained

Basics: AI, machine learning, training, models, datasets, benchmarks

How to automate text-based tasks?

NLP areas presented and “explained”: NLG, NLU, text retrieval tools

Drafting support tools (writing assistance; document assembly ...); Classifications, feature extraction, language inference (arguments, knowledge graph); search; speech-to-text, office admin (filing etc.)



European Commission

JUDICIAL TRAINING

A small firm in 2030 using AI ...

6 scenarios as illustrations

European Commission

JUDICIAL TRAINING

Deontology problems

IT outsourcing (cloud computing and online platforms, AI tools):
- vendor lock-in (independence)

- access to data

- extraterritoriality

reliability of Large Language and AI (NN) models; human in the loop

privacy in LLMs: reuse of data, anonymisation, reverse engineering models

client confidentiality: client risks vs. cost savings

competence: using too early vs. not using when should

European Commission

JUDICIAL TRAINING

Major changes since ...

OpenAI

ANTHROP\C

European Commission

JUDICIAL TRAINING

Future work

Within CCBE, at bars and law societies etc.:

- CCBE update on 2012 cloud computing paper (with AI tools in mind)
- hands-on demos, new illustrations
  - [chatbots, retrieving from knowledge bases, document generation etc.]
- evaluations of current capabilities of Large Language Models (by lawyers, for lawyers):
  - how reliable are they for legal work?
  - how much human effort is needed for live use?
  - for which languages & jurisdictions?

ResearchGate article:
"Large Language Models and Their Possible Uses in Law"

European Commission

JUDICIAL TRAINING

THANK YOU

for your participation!

dr Peter Homoki, Homoki Ügyvédi Iroda (lawyer, Hungary)
https://homoki.net

https://www.linkedin.com/in/homoki/

European Commission

JUDICIAL TRAINING:

the right skills to embrace the digitalisation of justice

26, 27 & 28 April 2023

European Commission