



SEMIC 20 conference 23

Madrid  18 Oct
SAVE THE DATE

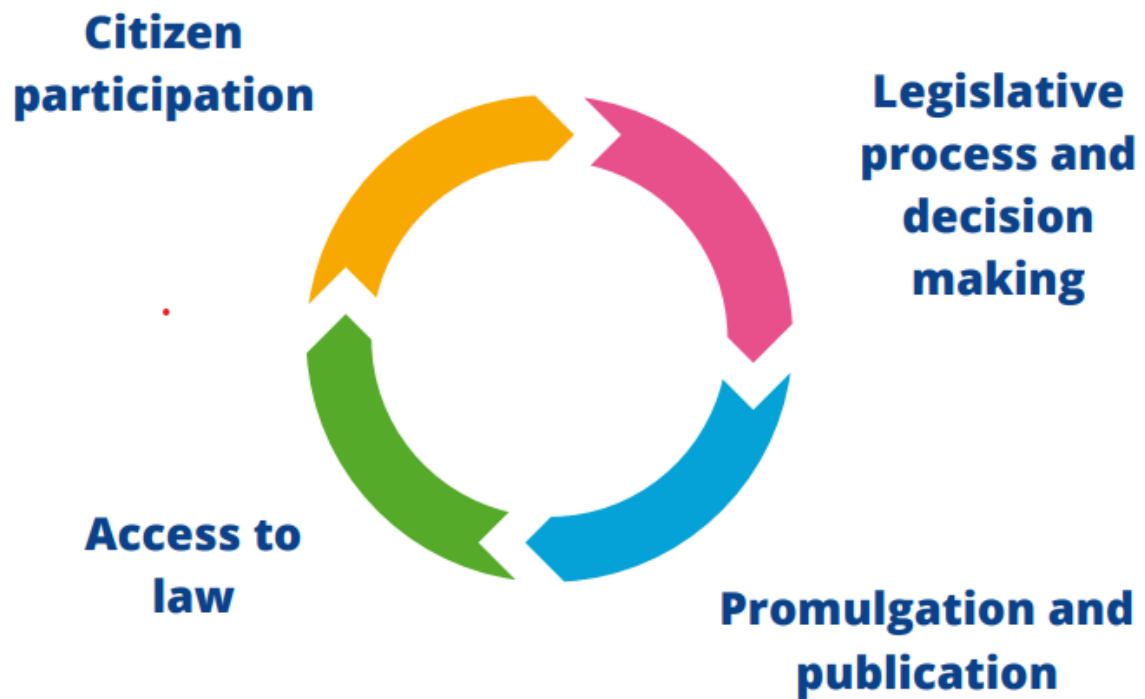
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europe
IN THE AGE OF **AI**

Legal data space

Christine KORMANN, Publications Office of the EU

SEMIC 2023: AI in digital-ready policy design and legal drafting

THE LEGISLATIVE CYCLE



THE LEGISLATIVE CYCLE

Citizen participation

Legislative process and decision making

Standards



EUR-Lex



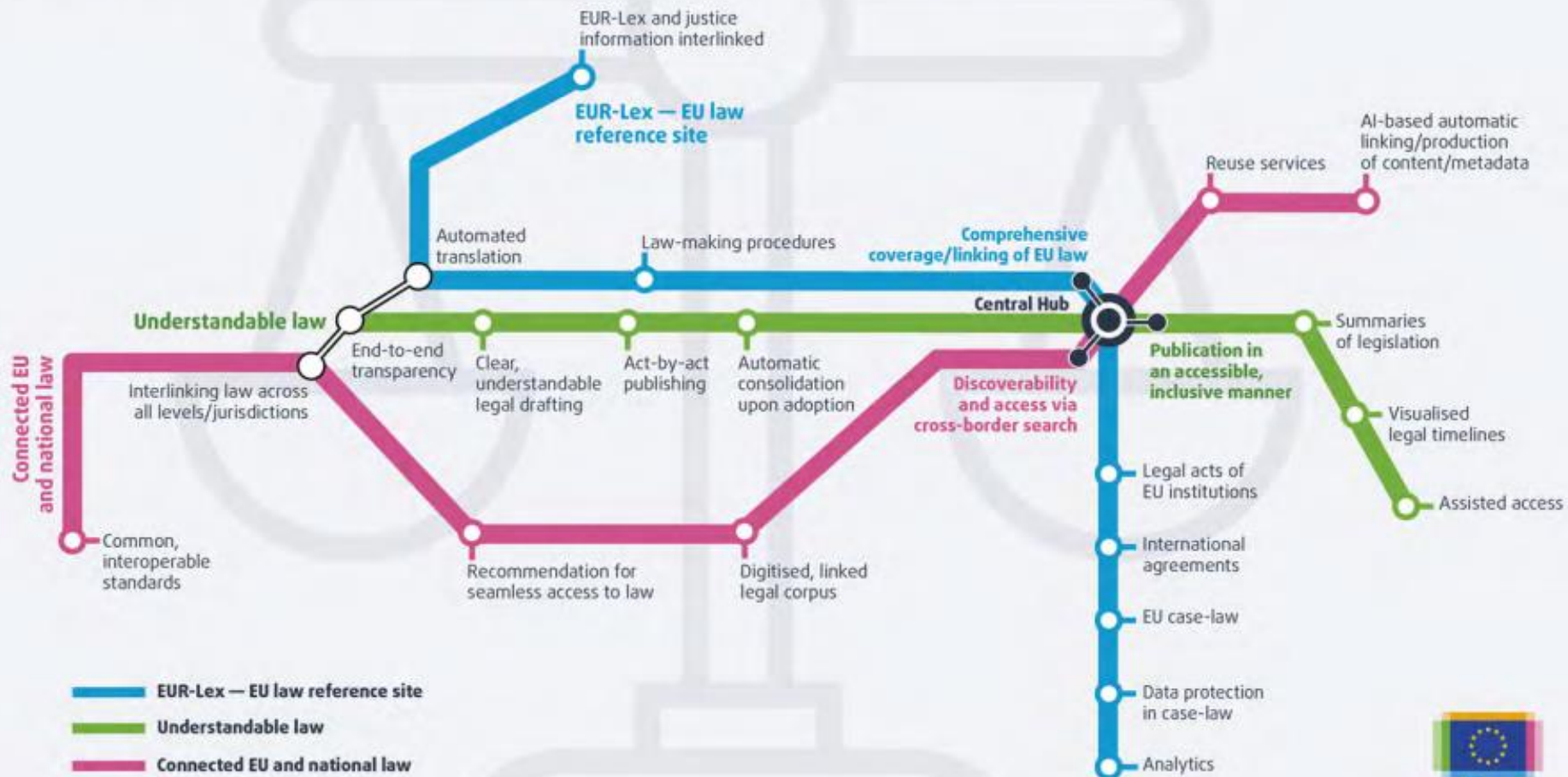
Access to law

Promulgation and publication

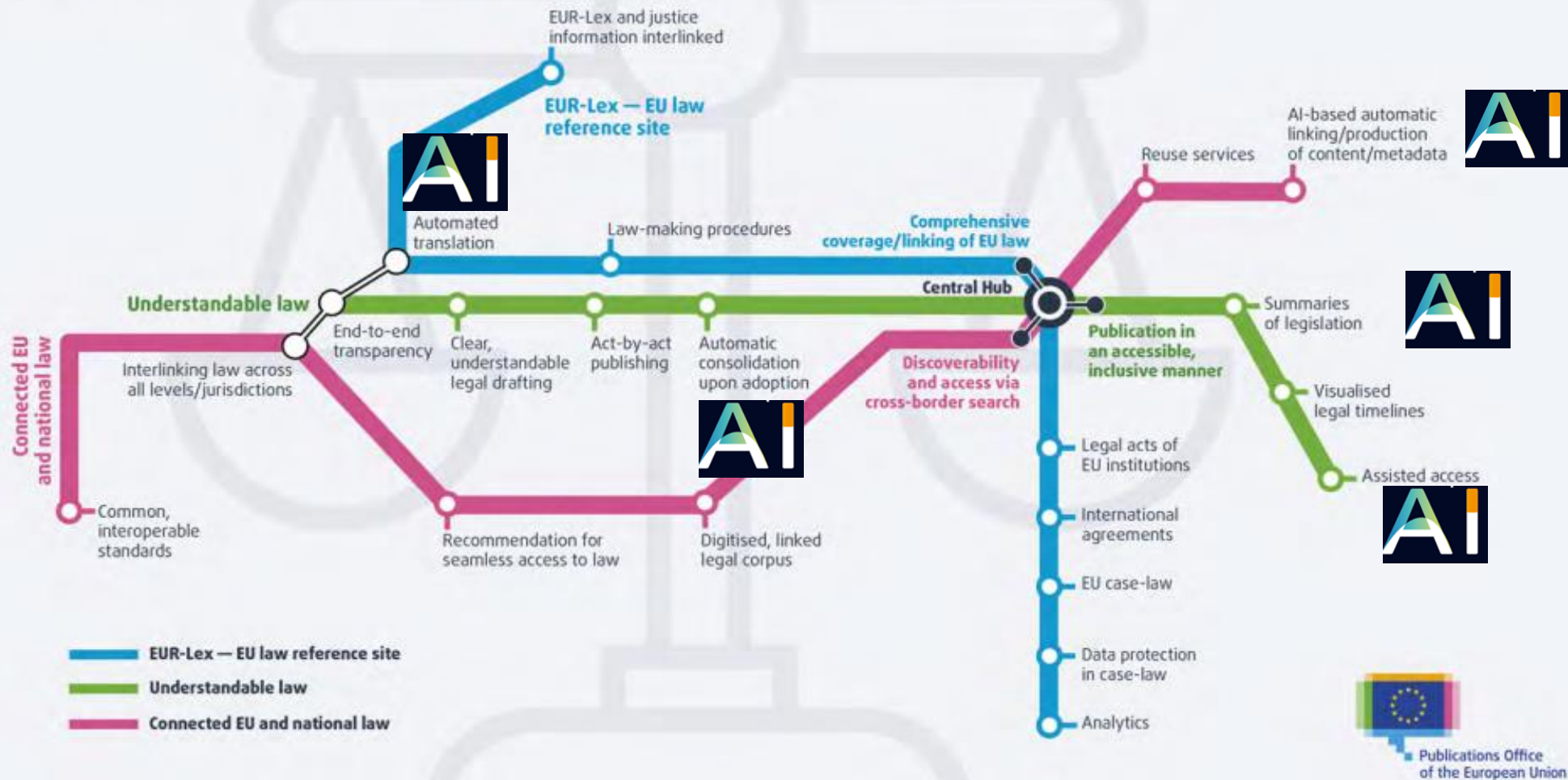
Authentic Official Journal



Mapping the Digital European Legal Space



Mapping the Digital European Legal Space



Reporting obligations

- SME Relief Package : Communication from the Commission (2023) 535 of 12.09.2023
- Rationalisation of reporting requirements resulting from EU legislation, aim to reduce by 25%
- Establishing across the Commission services standardised means of mapping reporting requirements in existing legislation or administrative arrangements and in new proposals

Reporting obligations

- Current work, analyse EUR-Lex data to identify mentions of reporting obligations in legislation and extract structured information on who is reporting to whom , by when and how frequently
- Support AI pilot project with JRC and DIGIT to create a benchmark of annotated corpus

Trustworthy AI

The EU expects AI to be trustworthy, meaning that AI must be

1. **lawful**, ie. comply with all applicable laws and regulations
2. **ethical**, ie. adhere to ethical principles and values
3. **robust**, ie fit for purpose from a technical and a social perspective

Transparency in practice: [Public explainability notice](#)

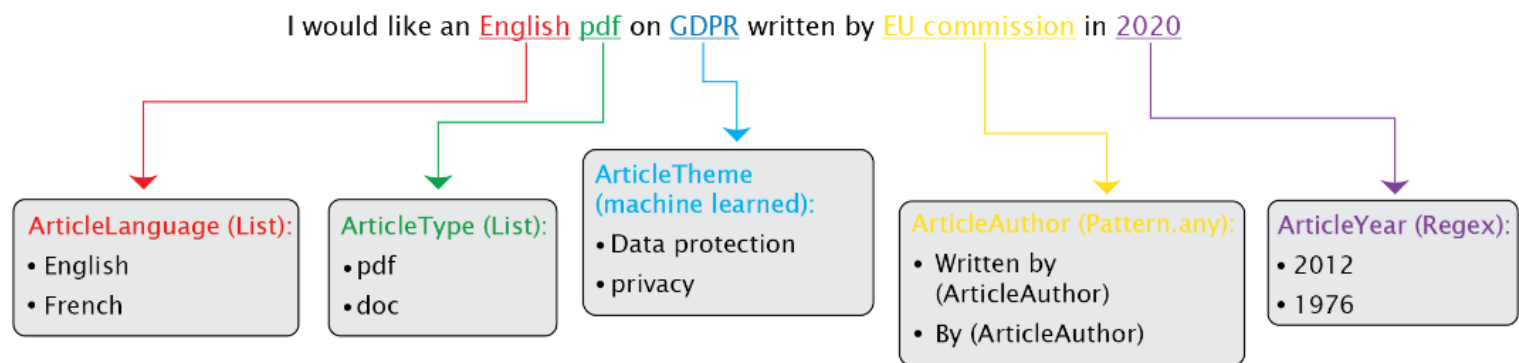
Publio is the Intelligent assistant of the Portal of the Publications Office of the EU

How does Publio analyse the question and propose results?

Publio does not use generative technology therefore is not in a position to generate or manipulate user content.

Publio uses a machine learning language model that is trained (trained language model) to learn how to recognise and respond to user inputs. This model is responsible for processing the user's message or query, identifying the intent of the message, and providing an appropriate response. The process of training Publio involves providing the machine learning model with a large amount of labeled training data which includes examples of user inputs and their corresponding intents and plausible responses.

Publio uses Natural Language Processing and the trained language model to understand user intent and to extract from the user question the recognized entities (for example search term, subject, author, document date, document format). Publio is using these entities to execute the search and to display the search result.





Thank you!



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