



AI4LEGS: AI FOR LEGISLATION

FIFTH EDITION

AI AND DELIBERATIVE ASSEMBLIES

Meeting with **Mr. Giovanni CICCONE**
and **Ms. Luciana SILO**



Italian Chamber of Deputies | December 8th 2025

Agenda

Goals

Chamber's Rules
of conduct and
IPU's Guidelines
for AI in
parliaments

#1 Amendments
Writing Machine

#2 depuChat

#3 Norma

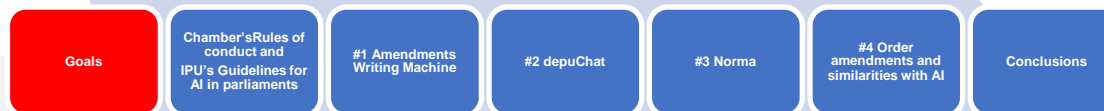
#4 Order
amendments and
similarities with
AI

Conclusions



Goals

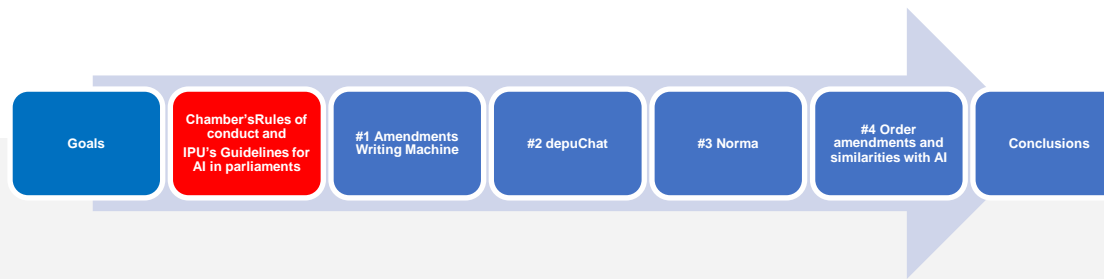
- Present the following:
- Chamber's Rules of conduct and IPU's Guidelines for AI in parliaments
- Some concrete examples of genAI successfully implemented and integrated.
 - #1Amendments Writing Machine
 - #2 depuChat
 - #3 Norma
- AI (ML) used to order amendments and compute similarity scores





Chamber's Rules of Conduct

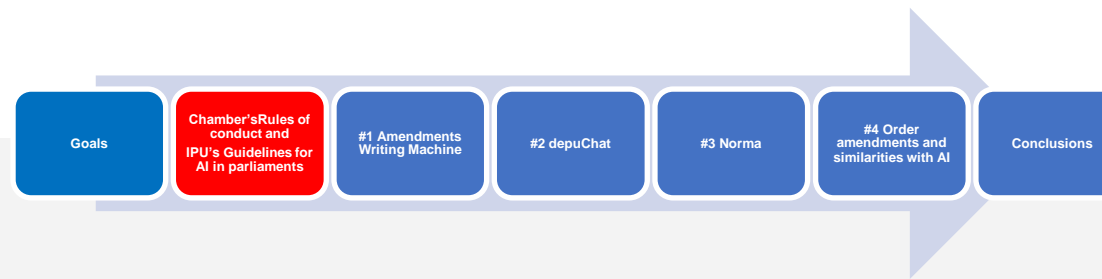
- Rules of conduct for the usage of tools based on Generative Artificial Intelligence at Italian Chamber of Deputies
- "Human in the loop" approach (support and not replace humans)
- Accountability and responsibility
- Users shall be informed on genAI usage through disclaimers
- Education and training on AI
- "Security by design" approach for solution development process





Chamber's Rules of Conduct

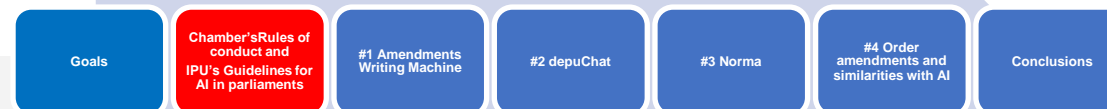
- They were published in April 2024
- Pillars: Fundamental human rights, ethics, privacy protection
- Confidentiality and integrity of data (data management)
- Sensitive data and data covered by professional secrecy shall not be used (risk assessment)
- IT services using GenAI shall be listed explicitly within IT Service Catalogue and technical ownership owned by IT department





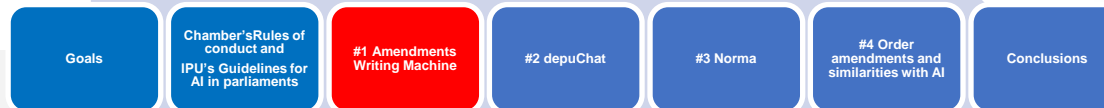
IPU's Guidelines for AI in parliaments

- The [Guidelines for AI in parliaments](#) offer a comprehensive framework for parliaments to understand and implement AI responsibly and effectively.
- They provide practical guidance on the importance of a strategic approach, strong governance, ethical considerations and risk management.
- The Guidelines underscore the importance of using AI to augment and enhance human capability rather than replace it, especially in democratic deliberation and decision-making.
- The Guidelines are published by the IPU in partnership with the Parliamentary Data Science Hub in IPU's Centre for Innovation in Parliament

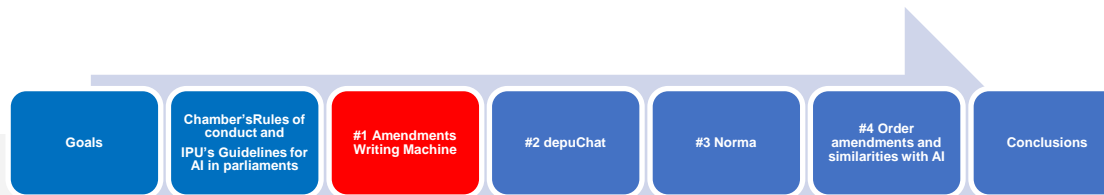
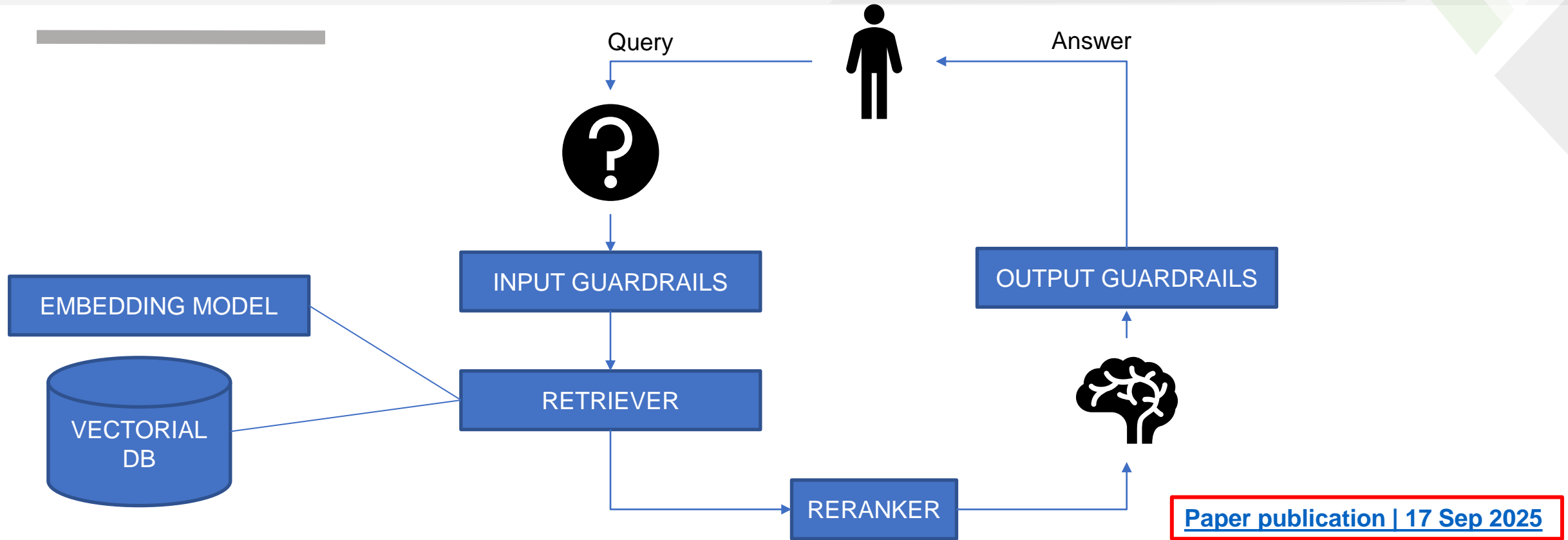


#1 Amendments Writing Machine: Overview

- Developed for MPs to support the drafting of amendments.
- Integrates seamlessly with existing digital tools, providing an intelligent and user-friendly writing assistant.
- Optimises the amendment drafting process by ensuring formal accuracy and compliance with parliamentary rules.
- AI-powered support tool that streamlines repetitive tasks, reduces errors, and enhances efficiency in legislative work.



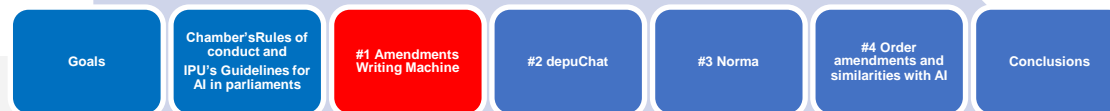
#1 Amendments Writing Machine: Architecture




#1 Amendments Writing Machine: Overview

The screenshot shows the 'Macchina Scrittura Emendamenti' web application. The top navigation bar is dark blue with the application logo, title, version 'ver. 1.8.3', a help icon, and a 'GC' button. Below this, a secondary bar shows 'Atto Camera 1367' and a home icon. The main interface is divided into three sections. On the left, the 'Articolato' sidebar lists a tree of articles and paragraphs, with 'Articolo 1' expanded to show 'Comma 1' through 'Comma 4'. The central workspace displays the content of 'Articolo 1', including a red 'Articolo' header, the text 'Art. 1', a green 'Rubrica' header with the subtitle '(Dote educativa)', and three numbered paragraphs under 'Comma 1', 'Comma 2', and 'Comma 3' respectively. Each paragraph has a visibility icon and a menu icon. The bottom bar contains 'Fonti', 'Ricerca documenti - Atto Camera 1367', and 'Domande suggerite'.

Articolato	Atto Camera 1367	I miei Emendamenti
<ul style="list-style-type: none">• Articolo 1<ul style="list-style-type: none">Comma 1Comma 2Comma 3Comma 4• Articolo 2• Articolo 3• Articolo 4• Articolo 5• Articolo 6• Articolo 7	<div>Articolo</div> <p>Art. 1</p> <div>Rubrica</div> <p>(Dote educativa)</p> <div>Comma 1</div> <p>1. Per garantire il diritto allo studio e alle pari opportunità di istruzione e formazione dei cittadini in tutto il territorio nazionale, a decorrere dall'anno scolastico 2023-2024, è istituita la dote educativa quale misura finalizzata al sostegno economico delle famiglie durante tutto il percorso educativo dei figli e al superamento delle disuguaglianze socio-culturali e territoriali, anche al fine di prevenire e di contrastare l'abbandono e la dispersione scolastica.</p> <div>Comma 2</div> <p>2. La dote educativa è un beneficio economico concesso su base annua, nel limite di spesa di cui all'articolo 4, tramite l'assegnazione di una carta elettronica nominale, di seguito denominata «Carta», dell'importo massimo di 500 euro, da utilizzare esclusivamente per le attività scolastiche ed extrascolastiche espressamente indicate all'articolo 3.</p> <div>Comma 3</div> <p>3. Le somme assegnate tramite la Carta non costituiscono reddito imponibile del beneficiario e non rilevano ai fini del computo del valore dell'indicatore della situazione economica equivalente (ISEE) del nucleo familiare.</p>	




#1 Amendments Writing Machine: Overview


 **Macchina Scrittura Emendamenti** ver. 1.8.3 ? GC


Fonti

► Dossier

▼ Memorie degli auditi

 01 Contributo UPI 15-10-2024-11-23-29.pdf

 19 Memoria ActionAid 28-10-2024-10-04-28.pdf

 RETE DEGLI STUDENTI MEDI 03-10-2024-13-28-47.pdf

Ricerca documenti - Atto Camera 1367

Quali sono i principali aspetti trattati dal provvedimento?

Recupero le informazioni sul provvedimento

Il provvedimento tratta i seguenti aspetti principali:
1. Istituzione della dote educativa (Art. 1-5):

- Misura di sostegno economico per le famiglie durante il percorso educativo dei figli, con l'obiettivo di garantire il diritto allo studio e contrastare le disuguaglianze (Art. 1).
- Consiste in un beneficio economico annuale erogato tramite una carta elettronica nominale ("Carta") del valore massimo di 500 euro, utilizzabile per attività scolastiche ed extrascolastiche (Art. 1).
- I beneficiari sono gli studenti residenti in Italia, iscritti alle scuole pubbliche, provenienti da famiglie con un reddito ISEE non superiore a 45.000 euro (Art. 2).

Digita la tua domanda

Invia

Pulisci

Domande suggerite

Quali sono i principali aspetti trattati dal provvedimento?

Quali sono le principali modifiche normative apportate dal provvedimento?

Vi sono aspetti di rilevanza costituzionale?

Il provvedimento prevede adempimenti per il Governo?

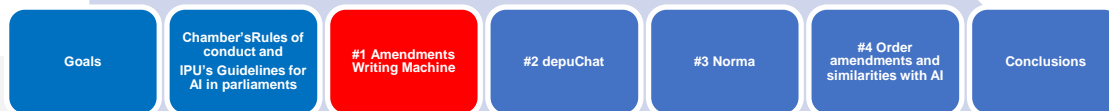
Quali sono i termini per gli adempimenti del Governo disciplinati dal provvedimento?

Il provvedimento prevede deleghe legislative al Governo?

Il provvedimento dà attuazione a norme dell'Unione europea?

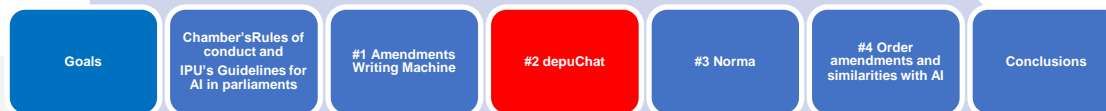
Risultati ricerca

Totale risultati: 0



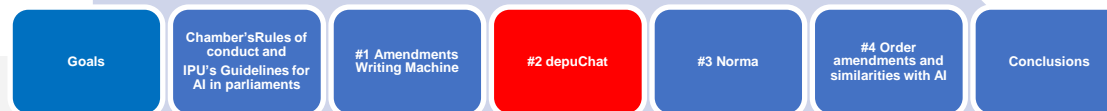
#2 depuChat

- As part of the testing by MPs of the applications developed on the initiative of the Committee on Documentation regarding artificial intelligence, on 10th December, depuChat will be presented
- It's an application aimed at promoting citizens' accessibility to, and understanding of, MPs' activities.
- The system provides responses using the official information relating to the parliamentary activity of MPs published on the official website of the Chamber.



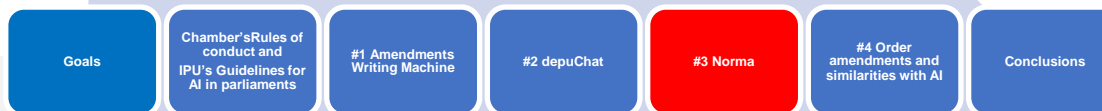
#2 depuChat

- Within the framework of the internal testing, the idea is to involve all Members and their specifically designated staff in evaluating the system so that, should it be assessed positively, it may be published on the institutional website and made available for citizens' use.



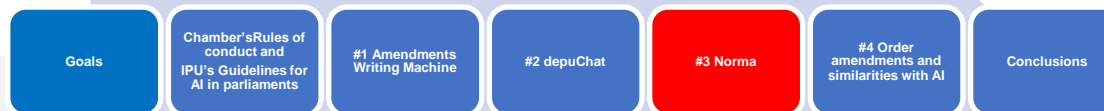
#2 Norma - Virtual Assistant for Legislative Analysis

- The project is part of a broader initiative to integrate AI tools in the workflows of the Chamber of Deputies, particularly to support the Legislative Observatory of the Research Department.
- The primary objective of the NORMA project is to automate the collection and analysis of data related to the Italian Parliament's legislative output, making this information easily accessible and searchable for internal staff, citizens, journalists, and interested policymakers



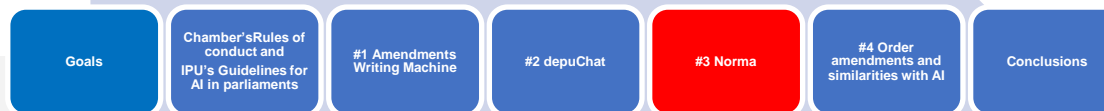
#2 Norma - Virtual Assistant for Legislative Analysis

- At the heart of the system is NORMA, the virtual assistant designed to facilitate analysis of legislative production via a conversational interface.
- Users can ask questions in natural language and receive answers in the form of text, tables, or charts. They can also access official sources directly, such as Normattiva and the Chamber of Deputies portal.

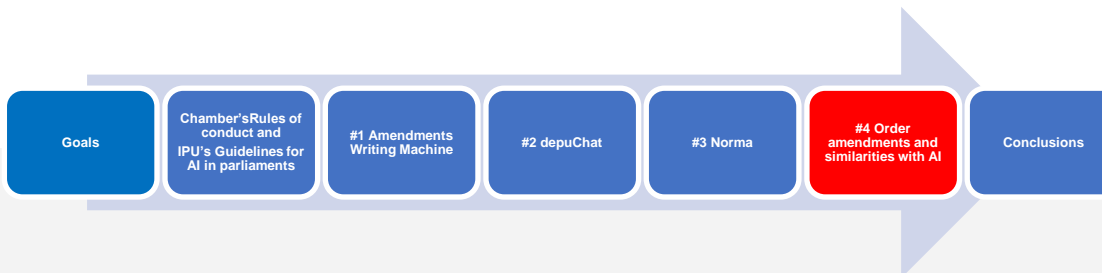
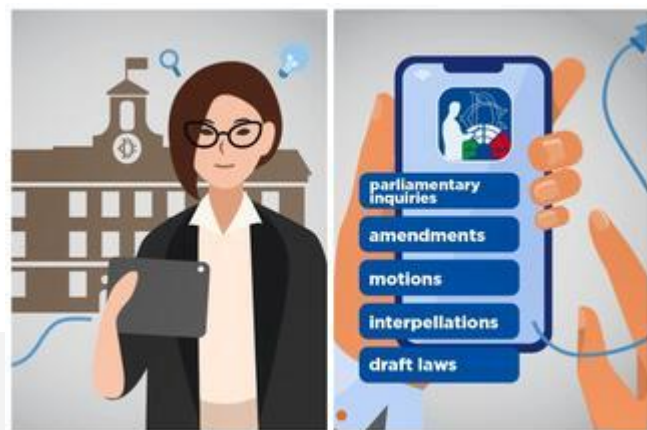
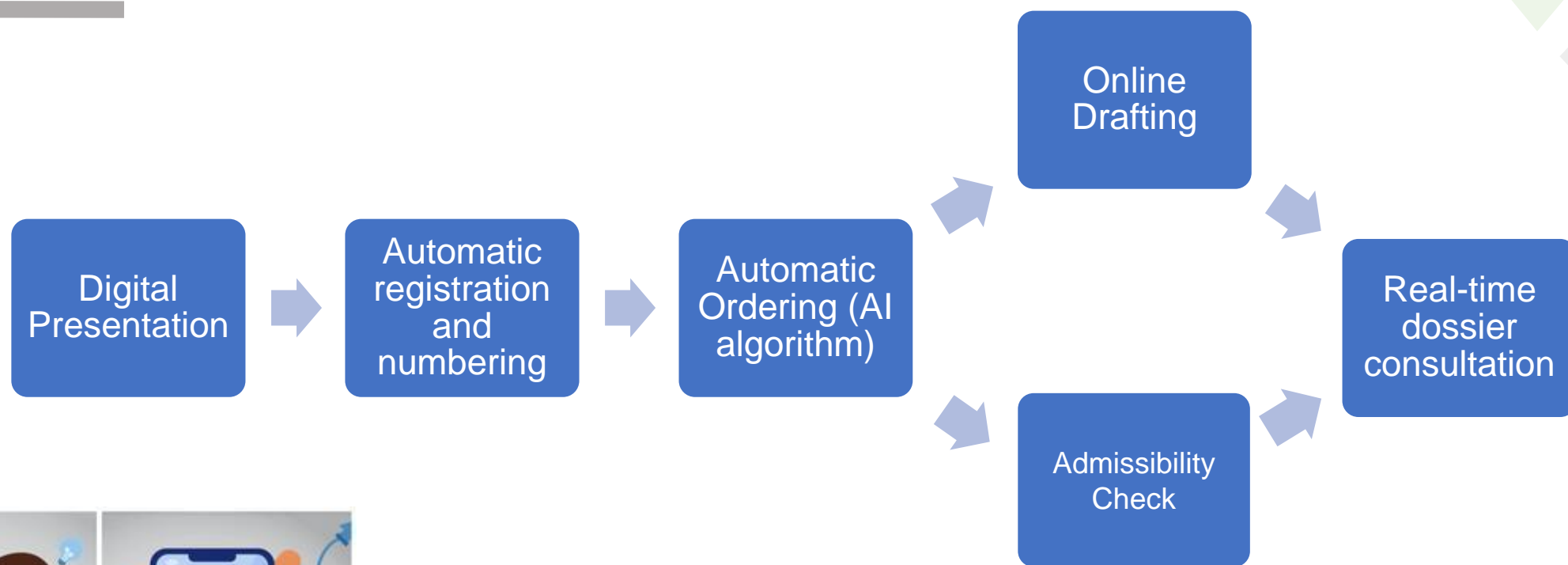


#2 Norma - Virtual Assistant for Legislative Analysis

- The solution also supports the drafting of reports and periodic monitoring documentation on legislative activity. It represents a significant step towards the digitalisation and automation of parliamentary processes, promoting innovation in an environment of transparency and democratic participation.

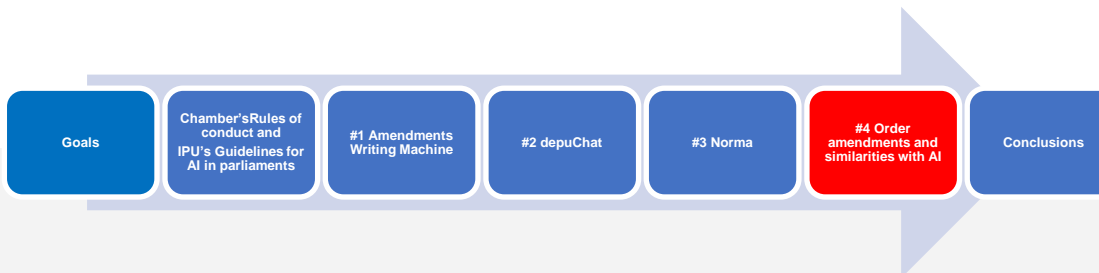
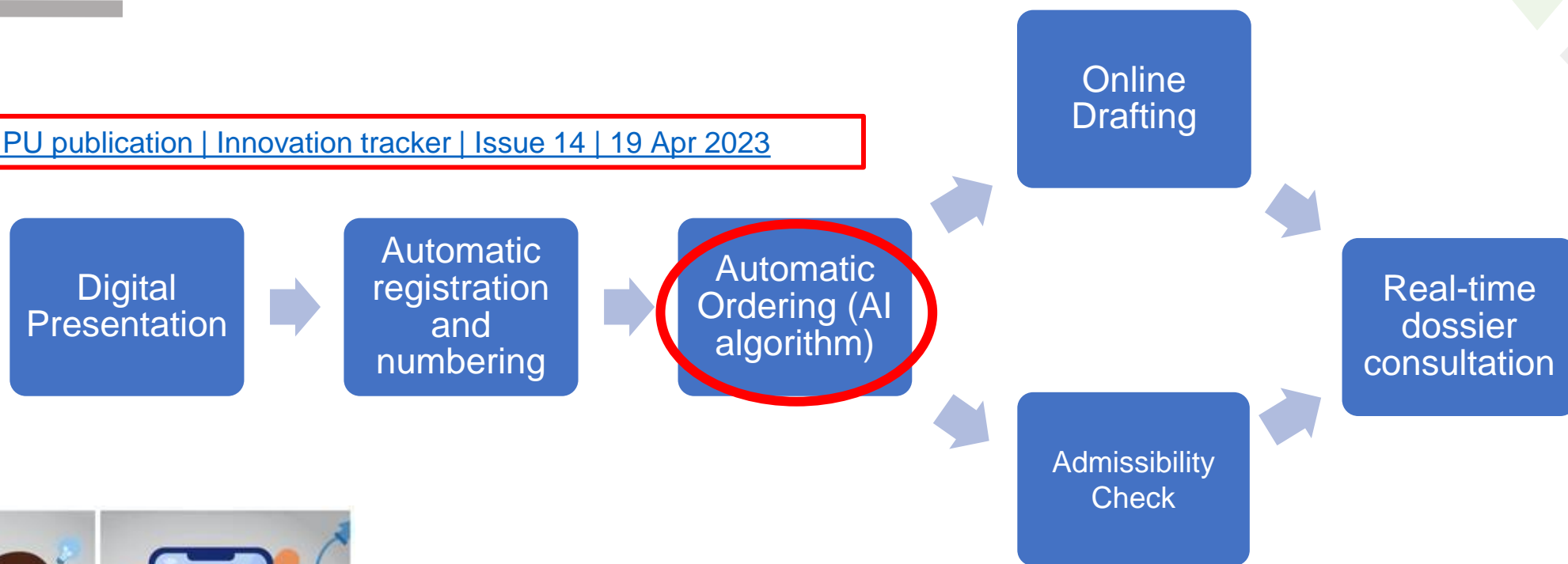


#2 Digital Platform for Amendments: Process Diagram



#2 Digital Platform for Amendments: Process Diagram

[IPU publication](#) | [Innovation tracker](#) | [Issue 14](#) | 19 Apr 2023



Ordering of amendments

- After amendments submission deadline expiration, the first dossier is processed by an artificial intelligence algorithm for textual drafting and ordering purposes

Composizione: FASCICOLO EMENDAMENTI PRESENTATI

doc uso interno doc TIP. *** EX NUMERI XLS XLS

Speech inammissibilità doc Calcolo ODV emendamenti Calcolo ODV subemendamenti

Gestione Firme Aggiungi Proposte Rinumerazione massiva Rinumerazione massiva sub.

Articolo 2 doc

Mostra solo Esame Ammissibilità non concluso No

Mostra solo Drafting non concluso No

Paginazione Si

Pagina 1 di 1

Esame Ammissibilità Concluso ☒ Drafting concluso ☐

Sostituire il comma 1 con i seguenti:

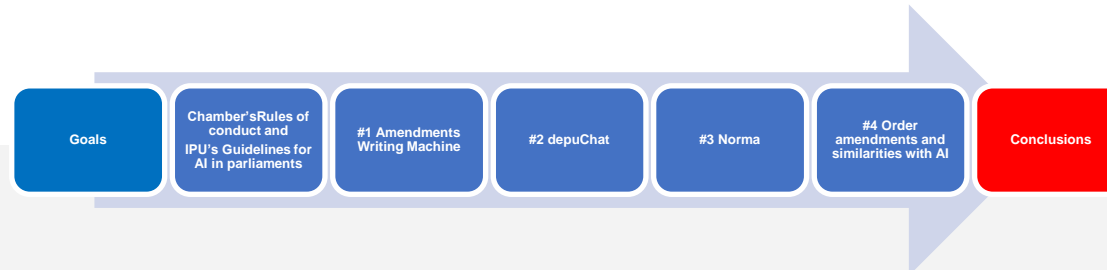
1. Per il primo trimestre del 2023, in via sperimentale, le imprese a forte consumo di energia elettrica di cui all'elenco per l'anno 2023 pubblicato dalla Cassa per i servizi energetici e ambientali ai sensi del decreto del Ministro dello sviluppo economico 21 dicembre 2017 e le imprese a forte consumo di gas naturale di cui all'elenco per l'anno 2023 pubblicato





Conclusions

- **Chamber's Rules of conduct and IPU's Guidelines for AI in parliaments**
- **Some concrete examples of genAI successfully implemented and integrated.**
 - **#1 Amendments Writing Machine**
 - **#2 depuChat**
 - **#3 Norma**
- **AI (ML) used to order amendments and compute similarity scores**



Thanks for your attention



Mr. Giovanni CICCONE
Ms. Luciana SILO

Chamber of Deputies of the Italian Parliament

