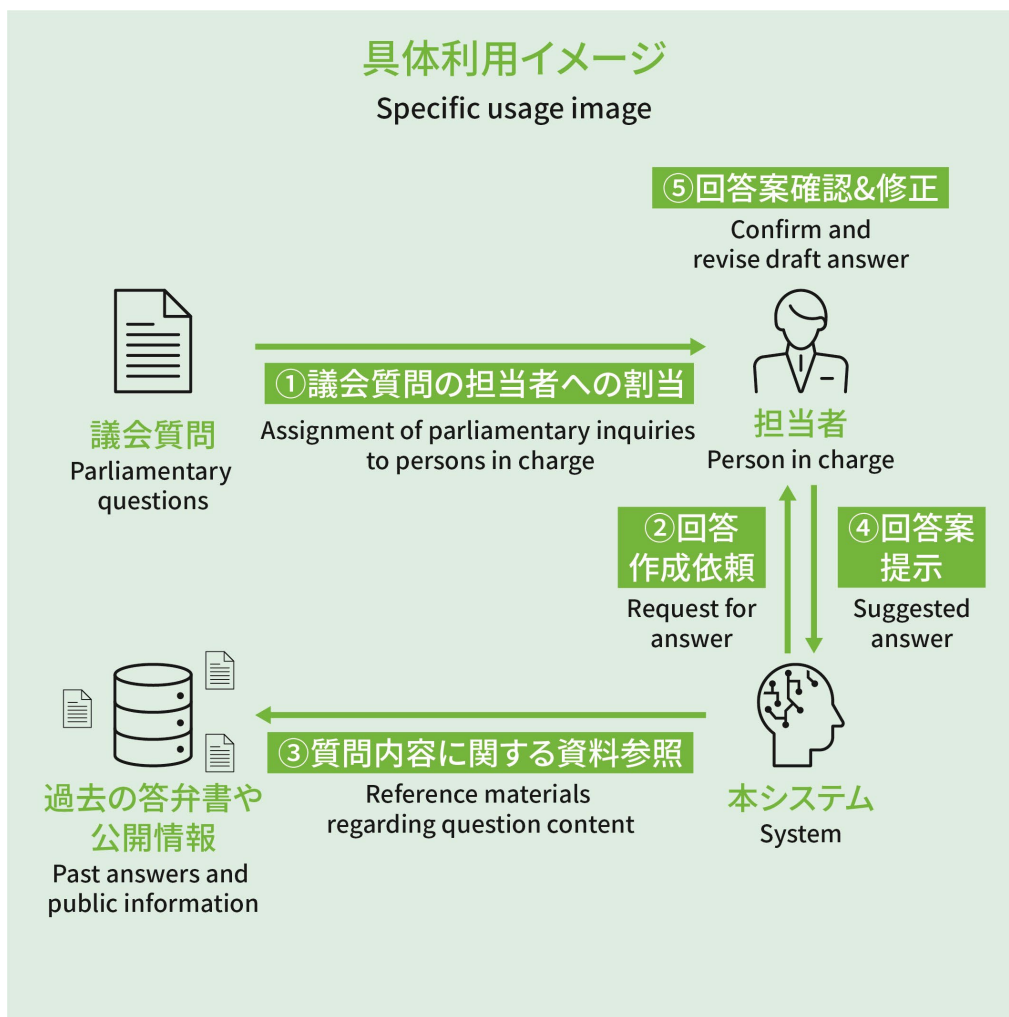## Assistive technology for writing parliamentary answers in municipalities

DOCOMO will improve the efficiency of council answer writing in municipalities through the use of LLMs and RAGs

#Productivity Improvement #Regional Revitalization

具体利用イメージ
Specific usage image

⑤回答案確認&修正
Confirm and revise draft answer

議会質問
Parliamentary questions

①議会質問の担当者への割当
Assignment of parliamentary inquiries to persons in charge

担当者
Person in charge

②回答作成依頼
Request for answer

④回答案提示
Suggested answer

過去の答弁書や公開情報
Past answers and public information

③質問内容に関する資料参照
Reference materials regarding question content

本システム
System

///Technical Issue

Insufficient balance of information references or misinterpretation of questions to produce appropriate answers to questions.

///Research Goal

We will put an LLM-based answer writing support system into practical use to improve the efficiency parliamentary response operations in local governments.

---Technology

- Utilize the Large-scale Language Model (LLM) (e.g. NTT's Large-scale Language Model 'tsuzumi', etc.).
- Combination of information judgment algorithms and search recommendation algorithms.

---Novelty

By combining an algorithm that understands the question and searches for the most appropriate information with an algorithm that allows the LLM to determine the usefulness and other aspects of the information, it is possible to create a human-like answer in a short period of time.

---Applicable Business

In the municipal field, we expect our system to be used for answer writing work in municipalities.
(2024/4Q: Service verification 2025/3Q: Service provision)[Market size: 200 billion yen]