AI strategy and tools in European Commission

eu-LISA Industry Roundtable
‘EU Justice and Home Affairs in the Age of AI: Fostering Innovations and Mitigating Risks’

Spyros Sarigiannidis
‘Data, AI & Web’ Unit, DIGIT, European Commission

15 minutes

12 November 2024

AI and the ire of gods

European Commission

Prometheus

1636 - 1637. Oil on panel.
Room 079

The mythological hero, Prometheus, was Jupiter´s son. He defied the gods by stealing fire from them and giving it to Humanity in order to improve their life on Earth. This story told by Hesiod in his *Theogony* is depicted in Ruben´s sketch. Here, the artist captures the moment when, fleeing from heavenly Olympus, Prometheus looks back. Behind him, the ire of the gods is insinuated by the sunbeams that shine through the clouds, later producing the terrible punishment the protagonist is to suffer. Rubens made this panel as a sketch for one of the paintings for the Torre de la Parada, which was executed by Jan Cossiers.

European Commission

European Commission

Firefly

Rubens
T.848.

Dall-E 3

AI@EC Strategic Vision

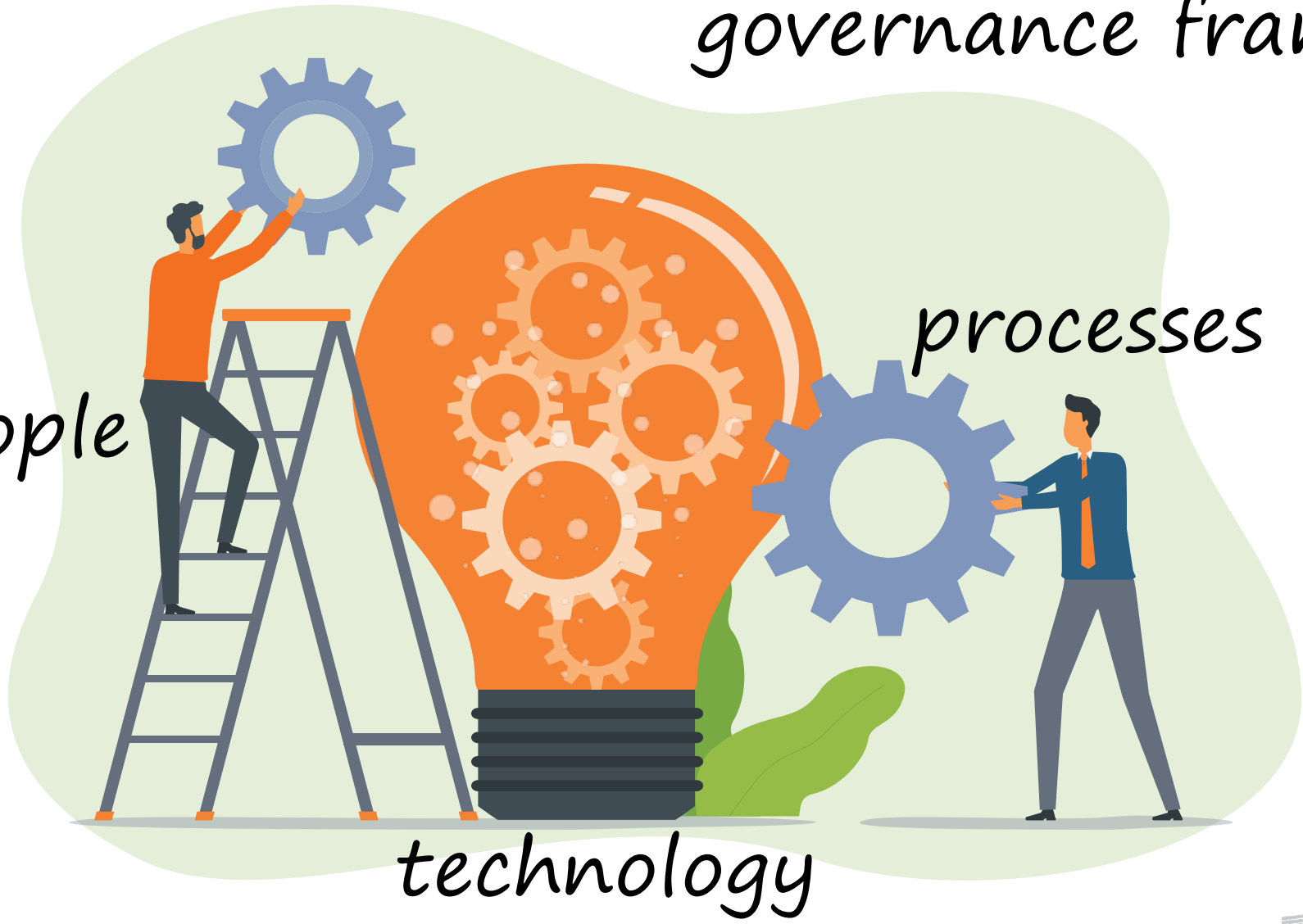
European Commission

foster the development and use of lawful, safe and trustworthy AI systems in the European Commission

Artificial Intelligence in the European Commission (AI@EC) Communication, C(2024) 380 final

European Commission

governance framework



European Commission

AI@EC governance

EC EDPS AI Network Correspondent

Corporate Governance (IMSB / ITCB)

Interservice Steering Group on AI (ISG-AI)

AI Community (AI@EC Network)

AI Office

IMSB- Information Management Steering Board
ITCB – Information Technology and Cybersecurity Board

AI@EC people and processes – Operational actions

Corporate AI register

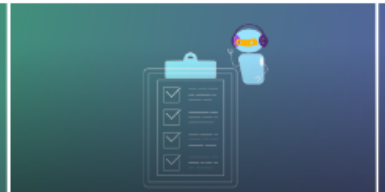
AI Act / EC rules

European Commission

Artificial Intelligence at the Commission - AI@EC

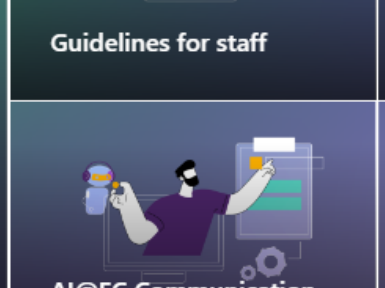
Welcome to the Commission's AI@EC portal for all staff. Here you will find guidelines, tools, learning resources and much more to get you started with artificial intelligence (AI) for your work.

AI tools in the EC

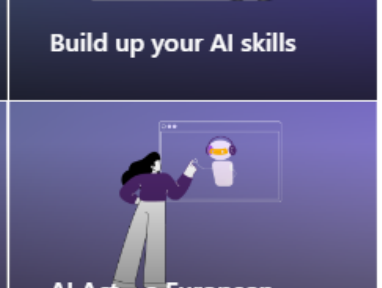


Guidelines for staff

Build up your AI skills



AI@EC Communication - our internal vision for AI



AI Act – a European approach to AI

AI resources (coming soon)

AI activities (coming soon)

AI@EC Network

News

DIGIT Media

SEMIC 2024: Digital-ready policymaking and semantic...

Embrace digital-ready...

3 days ago

DIGIT Media

eSurveillance webcrawler boosts consumer safety

The webcrawler has been...

5 June

DIGIT Media

Recording of CONNECT University on AI ACT now...

Have you missed the session?...

8 May

DIGIT Media

AI in the Commission – beyond the buzzword

Embracing the future by explorin...

12 April

AI Guidelines

		Target audience				
	Delivery date	AI user (General staff member)	Business owner/ AI solution owner	Data owner	AI solution provider	AI expert (ICT staff member)
Specific acceptable use rules	per tool	●				
Use of online available gen AI tools	✔	●				
Gen AI intellectual property and copyright	✔	●				
AI internal tools	✔	●				
AI@EC visual identity	✔				●	●
Prohibited use-cases & high-risk AI systems	✔		●		●	
European High Performance Computing for AI needs	✔				●	●
Security of SNC information in AI systems	✔	●	●	●	●	
AI software procurement	V1 ✔		●		●	
AI dev services procurement	V1 ✔		●		●	
Procurement of services delivered with AI	V1 ✔		●			
AI systems life cycle management, risk assessment & compliance	Q4/2024		●	●	●	●
Gen AI acceptable use policy	Q4/2024	●				
Recommendations on carbon and energy footprint	Q4 2024		●		●	●
Open-source AI models licensing	Q4 2024		●		●	
AI for SW developers	Q4 2024				●	●
Data quality & data governance for AI	Q4 2024		●	●	●	

AI

On this page, you will find training courses and other materials on AI and data

AI learning packages

Artificial intelligence basics

AI for generalists/policymakers

More AI learning solutions

AI@EC

Other Artificial intelligence courses

Data

Data literacy for everyone

Data for managers

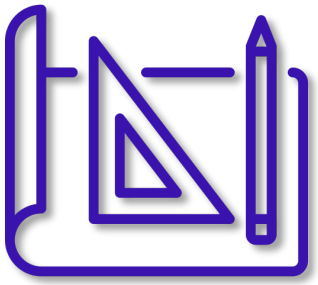
Evidence and data

Data for scientists

AI@EC Network – 3500+ members

Build and share knowledge

Identify AI opportunities and use cases



Facilitate the exploration of new projects

GRP-AI@EC Network

EC-AI-NETWORK@ec.europa.eu

European Commission

AI@EC Communication actions status September 2024

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

IMSB meetings

25/1 | 23/4 | 27/6 | 3/10 | 5/12

= on track
= re-baselined

OA-1 AI register
- Register of AI systems: 100%

OA-2 AI initiatives
- AI initiatives & needs to solutions: 100%

OA-3 General guidelines
- AI procurement guidelines: 33% → 40% → 100%
- Risk level assessment guidelines: 100%
- AI solution management guidelines: 75% → 100%

OA-4 Specific guidelines
- AI for software development: 33% → 60% → 100%

OA-5 AI-skilled workforce
- Guide on internal tools: 100%
- Learning packages: 66% → 100%
- AI policy for an AI skilled workforce: 33% → 100%

OA-6 Upskilling/reskilling needs
- Survey for mapping skills: 100%
- AI competency framework and skills definition: 45% → 100%

OA-7 Change management and communication
- Change management framework: 100%
- AI site and communication framework: 66% → 75% → 100%

OA-8 Data maturity
- Data maturity: 45% → 100%

OA-9 Development and use of AI
- Guides on EuroHPC / security of SNC: 33% → 100%
- Energy footprint: 33% → 100%

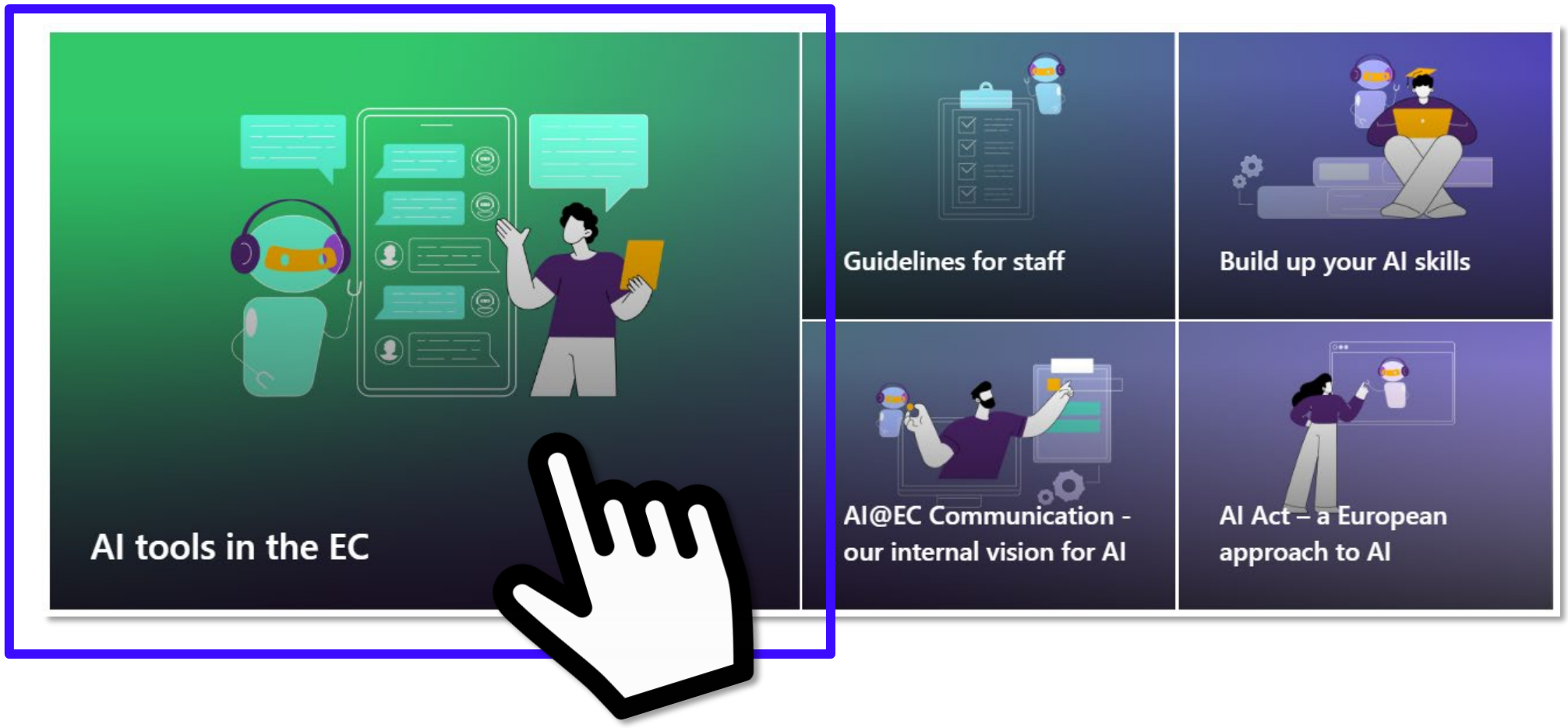
OA-10 Open-source AI
- Guide on Opensource AI: 33% → 75% → 100%

OA-11 Knowledge sharing and cooperation
- EUIBAs and Member States: 33% → 50% → 100%

AI@EC tools

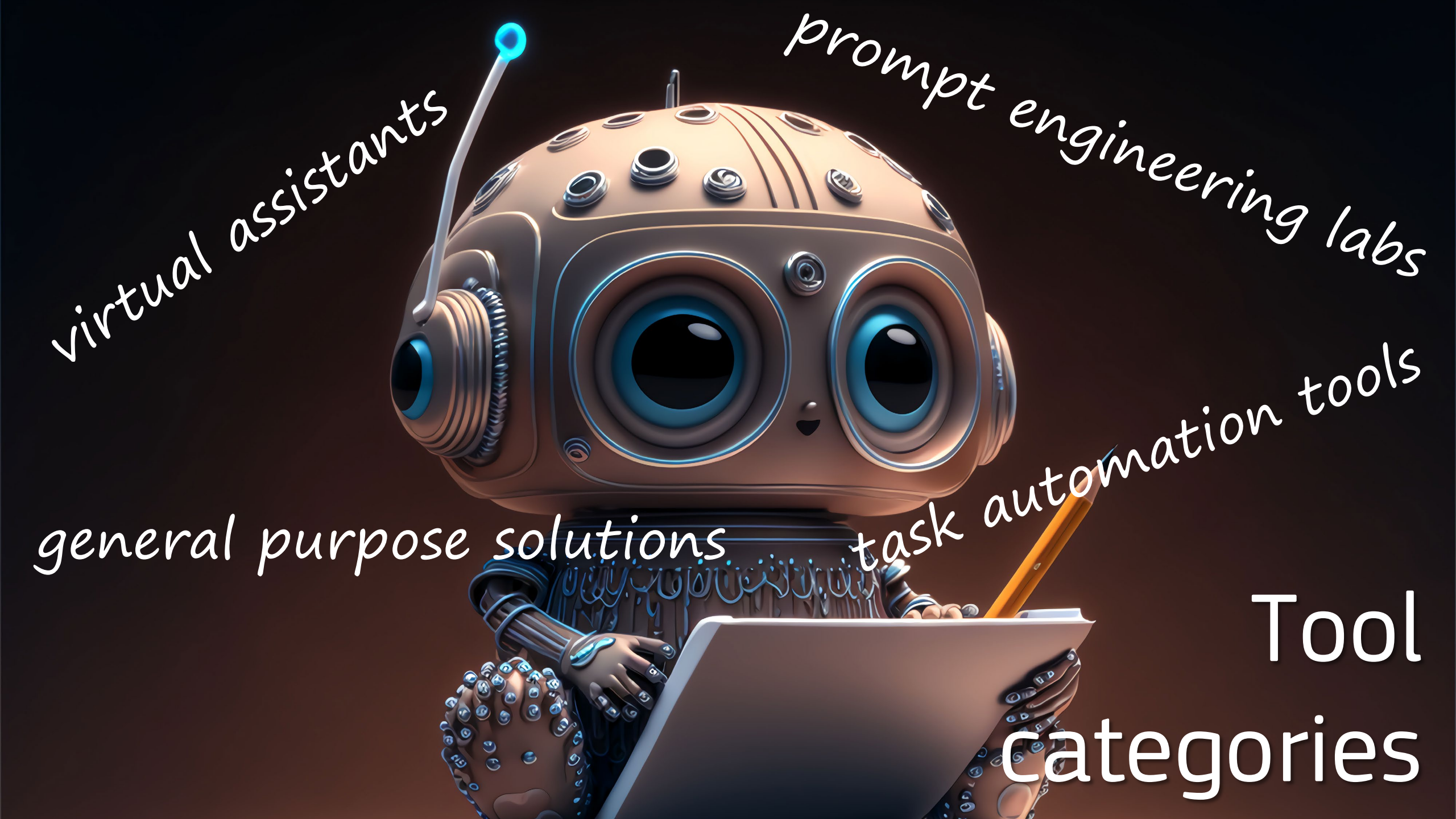
European Commission

Guide to internal AI tools



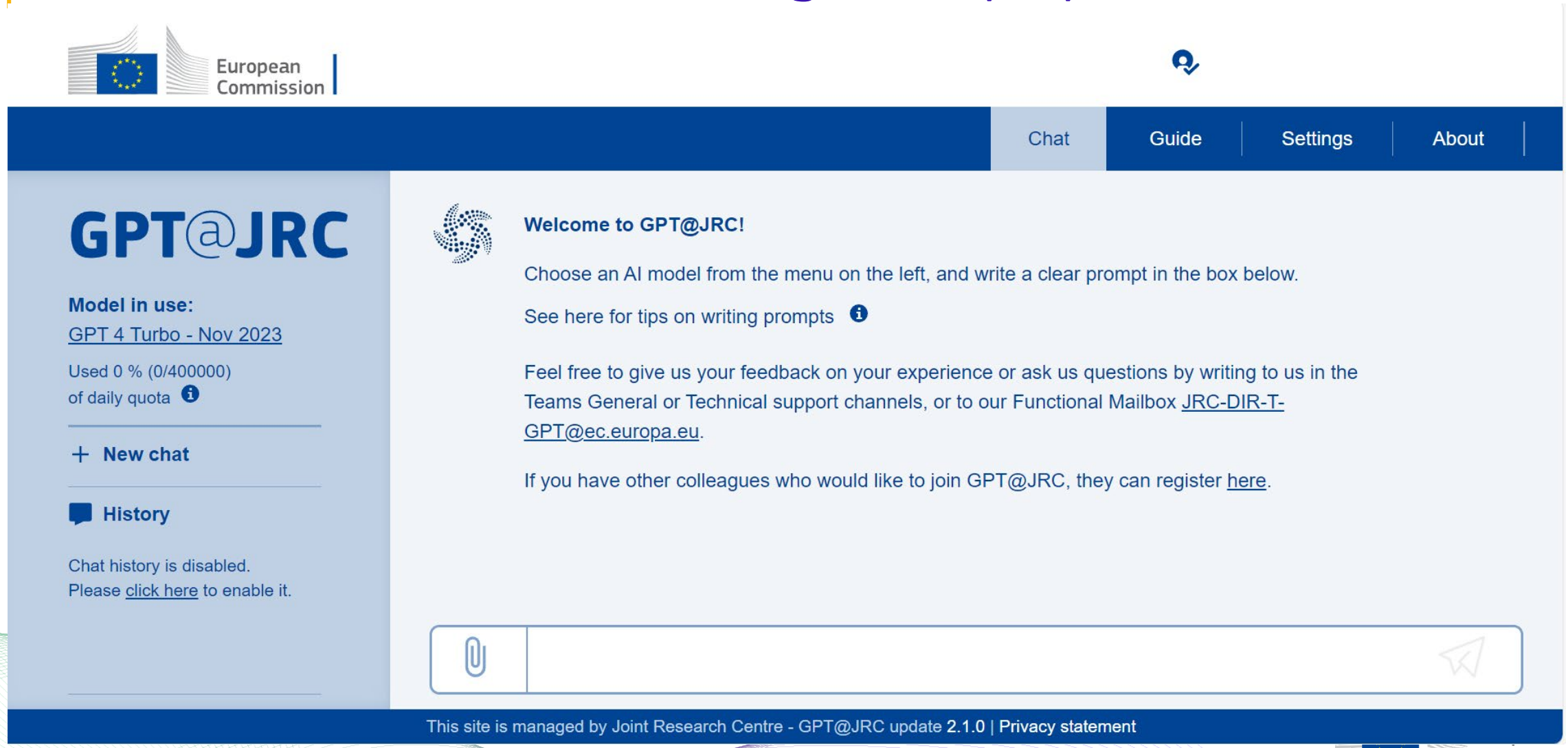
Artificial Intelligence at the Commission - AI@EC

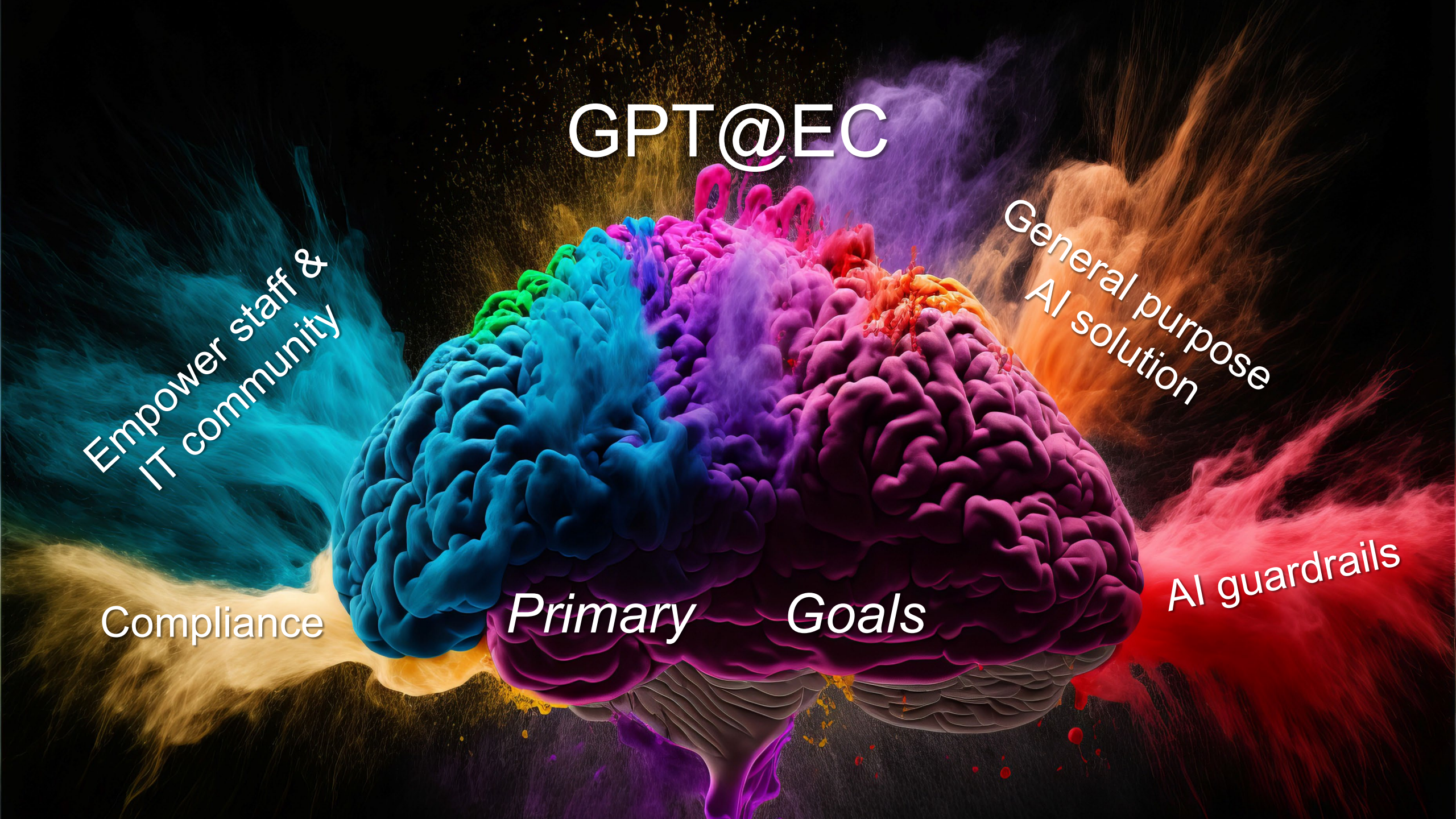
European Commission

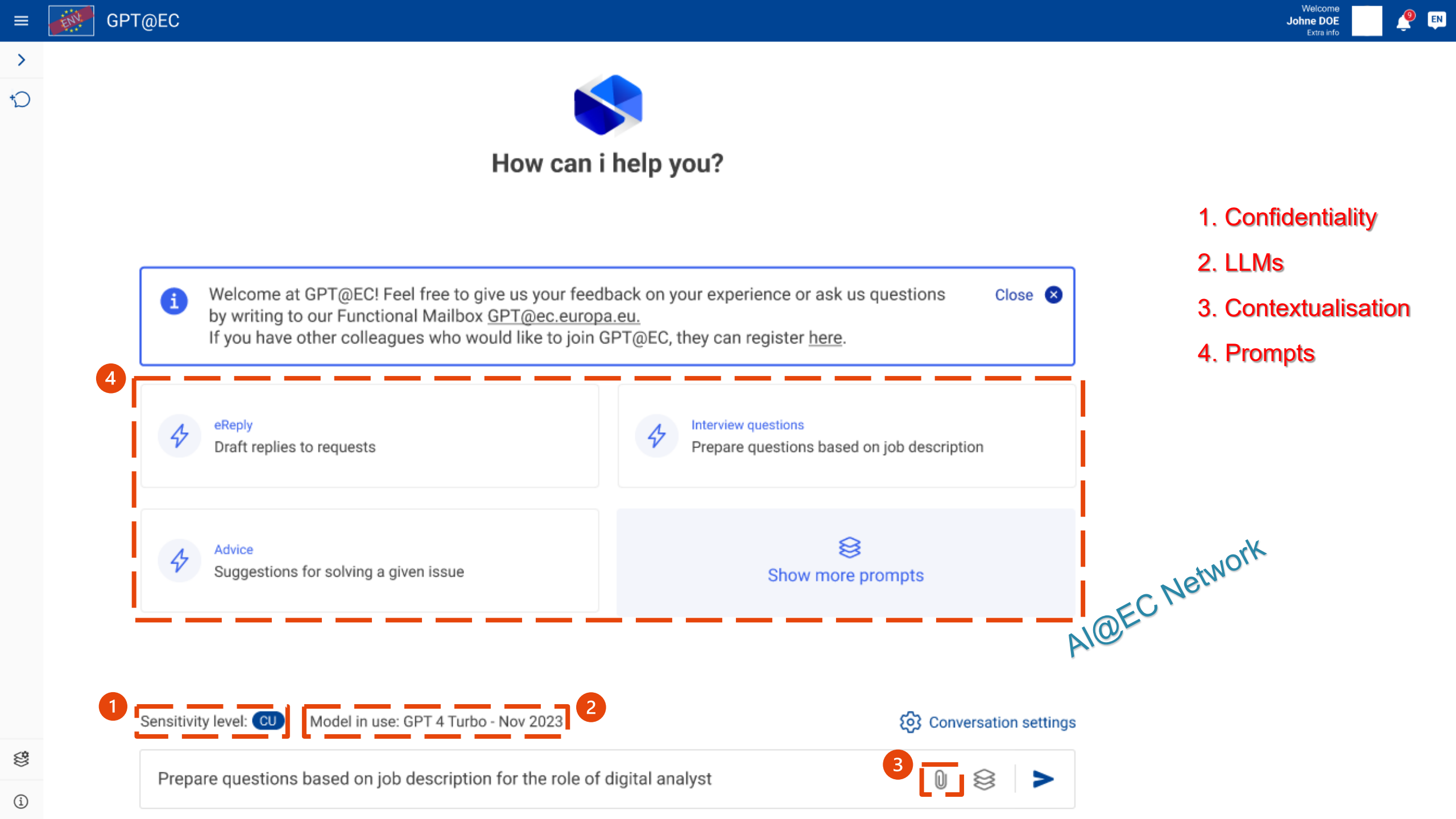

virtual assistants
prompt engineering labs
general purpose solutions
task automation tools
Tool categories

general purpose generative AI solutions

GPT@JRC – Scientific research general purpose AI solution




GPT@EC
Empower staff & IT community
General purpose AI solution
Compliance
Primary Goals
AI guardrails

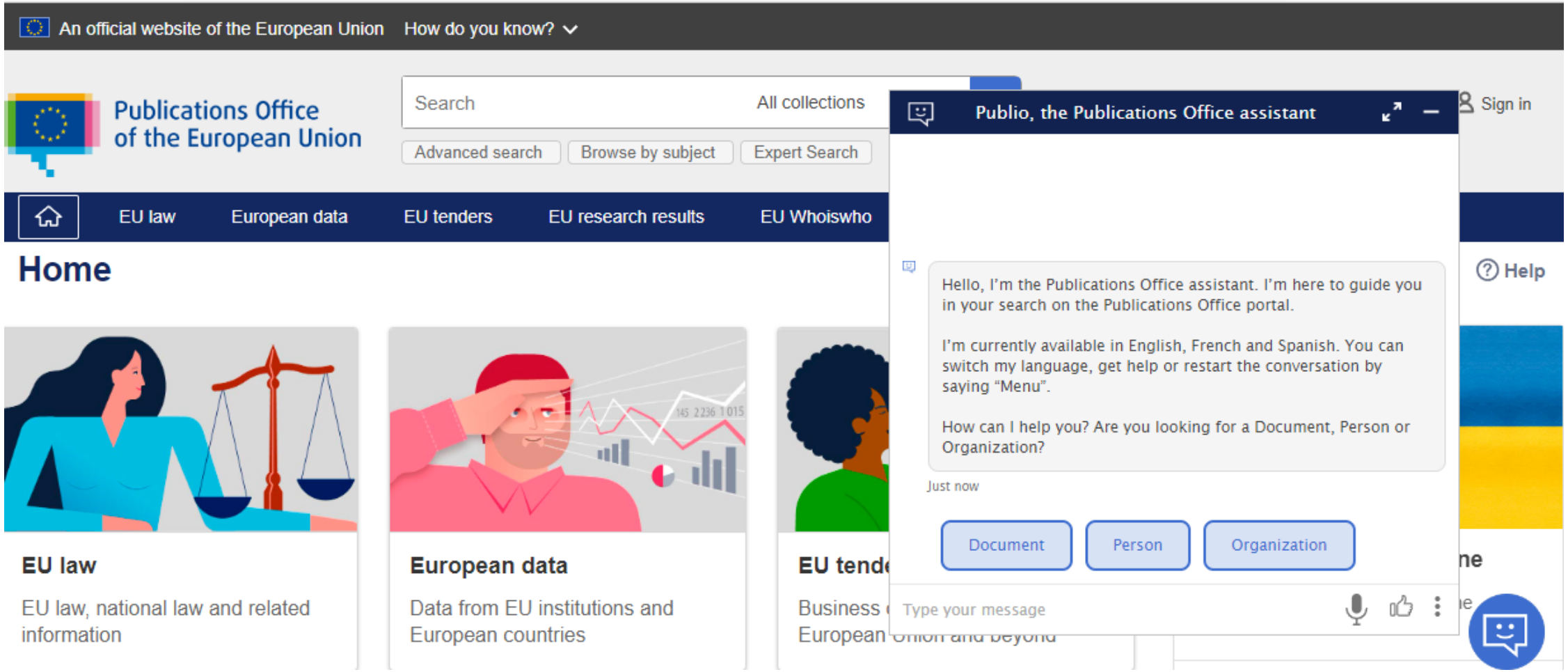

GPT@EC
Welcome
Johne DOE
Extra info
EN
How can i help you?
1. Confidentiality
2. LLMs
3. Contextualisation
4. Prompts
Welcome at GPT@EC! Feel free to give us your feedback on your experience or ask us questions by writing to our Functional Mailbox GPT@ec.europa.eu.
If you have other colleagues who would like to join GPT@EC, they can register here.
Close
4
eReply
Draft replies to requests
Interview questions
Prepare questions based on job description
Advice
Suggestions for solving a given issue
Show more prompts
AI@EC Network
1
Sensitivity level: CU
2
Model in use: GPT 4 Turbo - Nov 2023
Conversation settings
Prepare questions based on job description for the role of digital analyst
3

GPT@EC Pilot milestones
Q3 2024
Pilot phase 1
Q4 2024
Pilot phase 2

Specific tools designed for accomplishing predefined tasks

European Commission

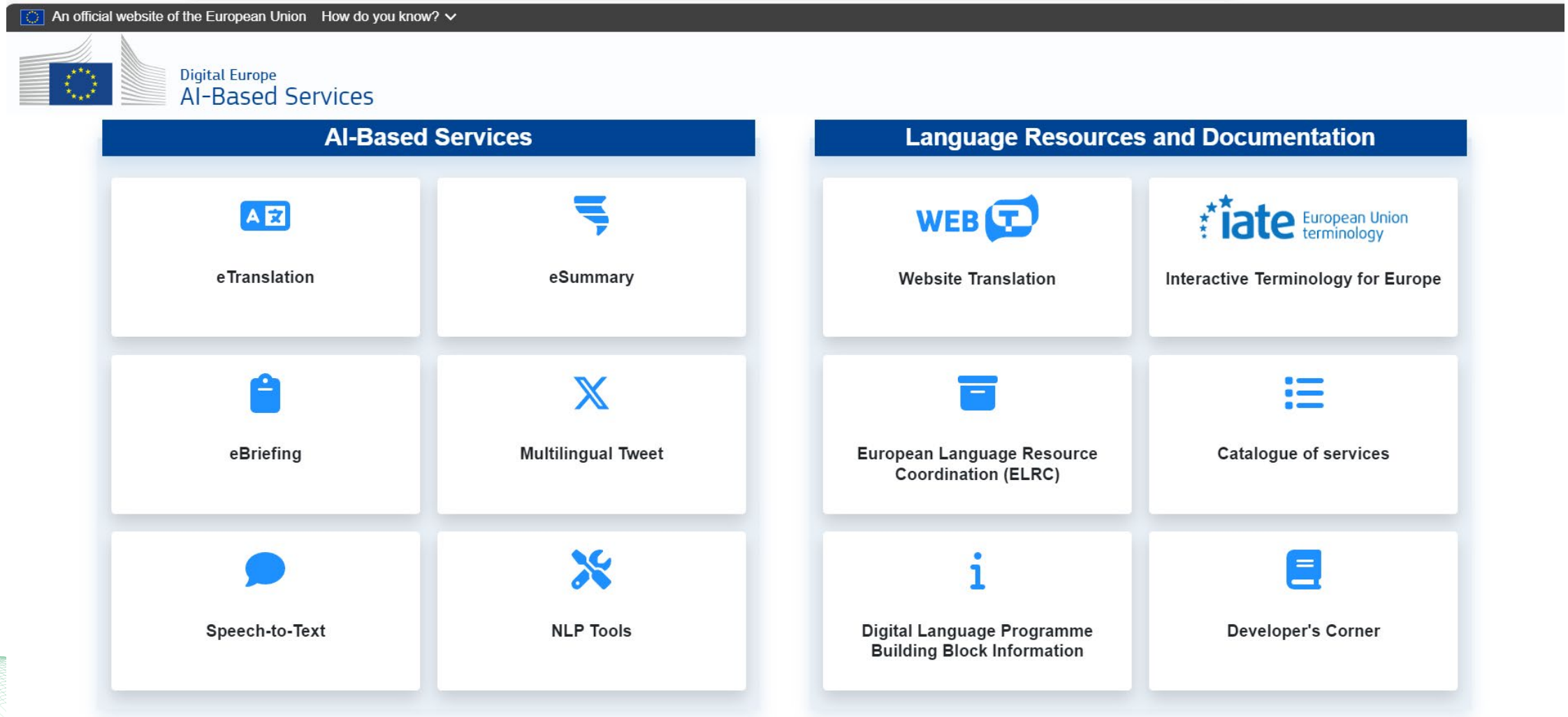
Publio (OP)



Home - Publications Office of the EU (europa.eu)

European Commission

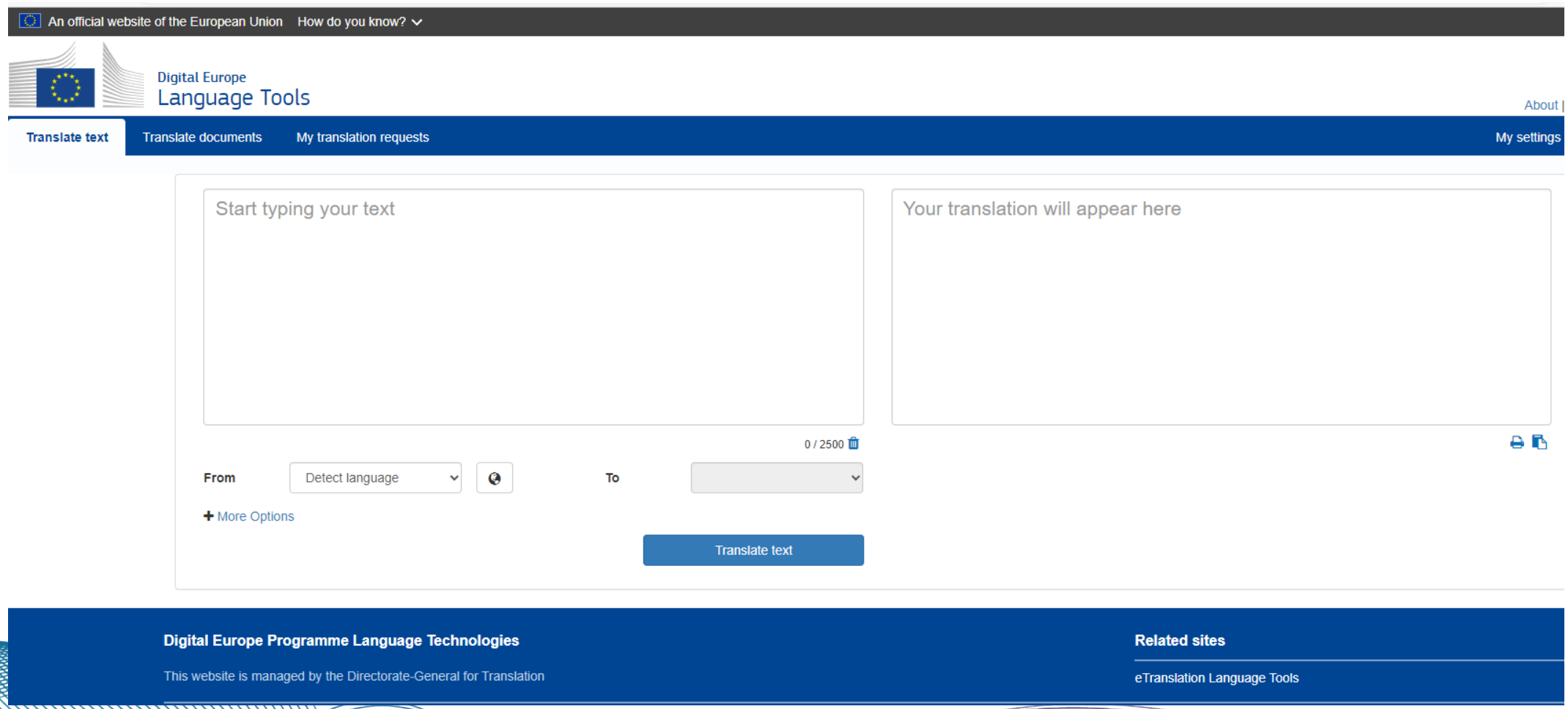
Language tools (DGT)



Digital Europe Programme Language Technologies (europa.eu) European public administrations, local and regional authorities, small and medium-sized enterprises, EU Freelance Translators, universities, non-governmental organizations and Digital Europe Programme projects

European Commission

eTranslation (DGT)



European Commission

Epilogue

European Commission