Search Engine of the European Commission
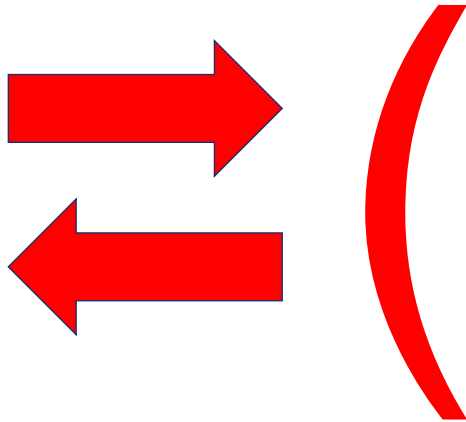
Use of Open Source

DISCLAIMERS

1. The information and views set out in this presentation are those of the presenter and do not necessarily reflect the official opinion of the European Union. Neither the European Union institutions and bodies nor any person acting on their behalf may be held responsible for the use which may be made of this presentation.

2. Free software and open-source software are synonyms

3. The presenter is not representative of the European Commission and

4. The presenter is not part of the European public service
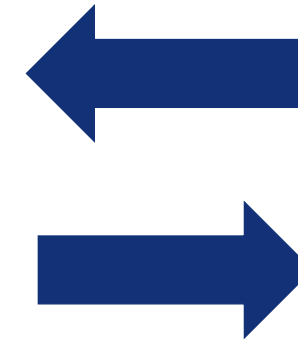
Create a Search Service

Ingestion Request

Search Request

- Ingestion service
- Data synchronisation service

- Search service
- Spell-checking service
- Autocomplete service
- Best bet service
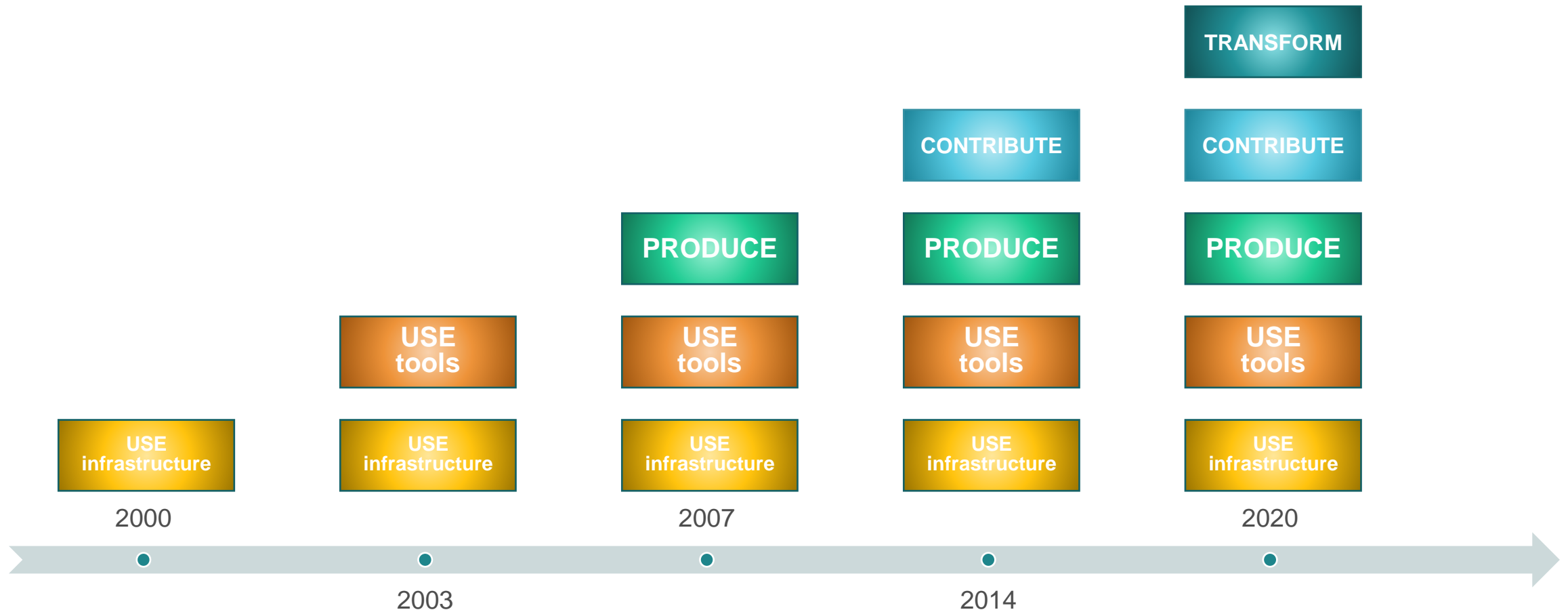- Preview service

Open source frameworks/projects in use by the Corporate Search Service

- Java

- Spring

- Apache Tomcat

- Elasticsearch*

- K8s

- Tensorflow

- Keras

- Apache Tika

Open Source in the European Commission

- Lower costs

- Flexibility

- Scalability

- Vendor independence

Open Source in the European Commission

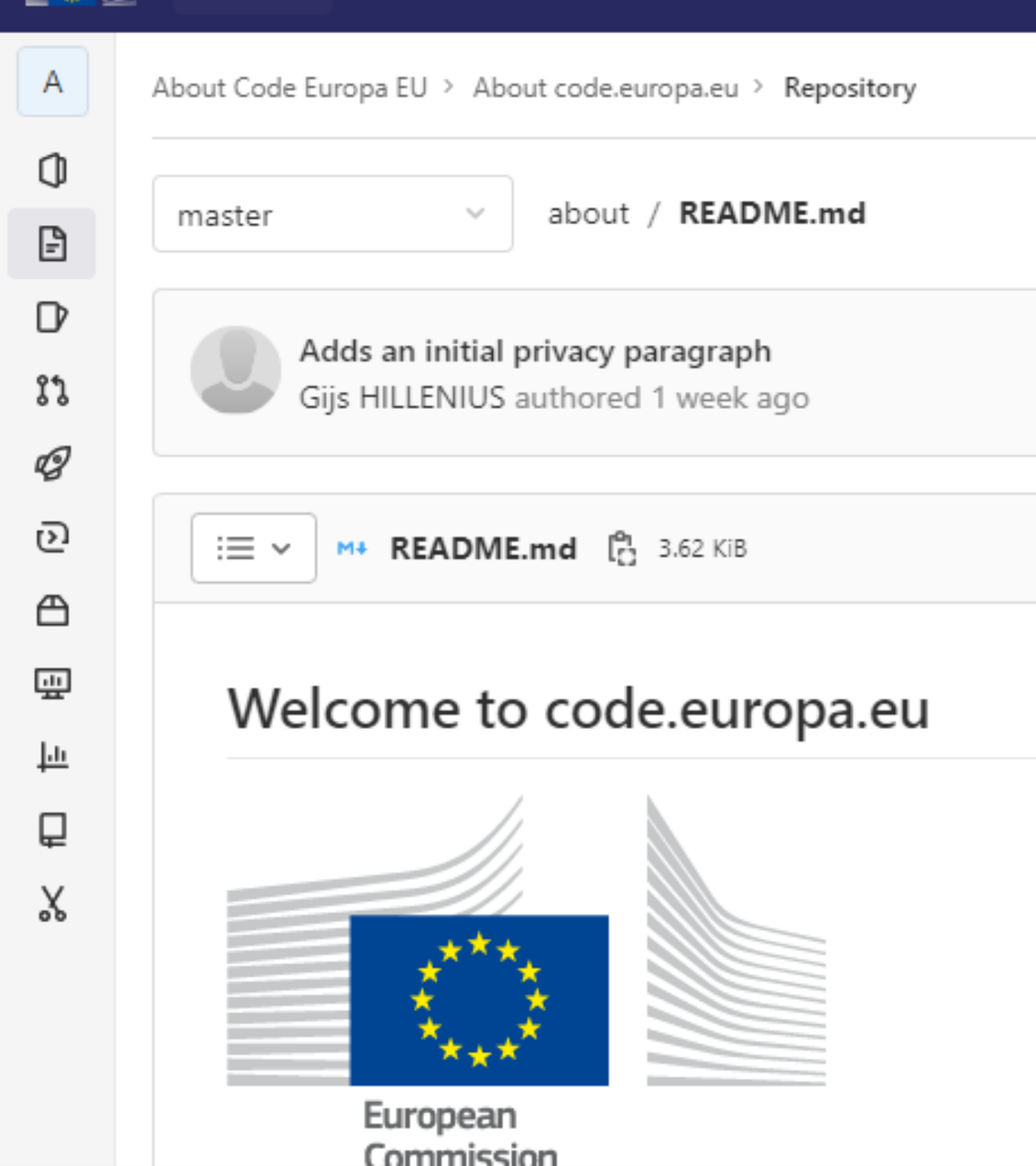European Commission
Open Source Strategy
2020 - 2023

Think Open

Different from previous versions

- It impacts not just the IT domain, but the entire organisation

- It links Commission policy goals to open source, making clear that a strategy encouraging open source is beneficial to the EC and the EU

- It establishes a programme office tasked with removing organisational barriers and commence a change management programme to establish an internal working culture based on the principles of open source

https://ec.europa.eu/info/departments/informatics/open-source-software-strategy_en

European Commission

code.europa.eu

- Unveiled on 16 September in Brno

- Share our software publicly

- Contribute to existing open source projects

Thank you

European Commission