



28 MARCH  
2023

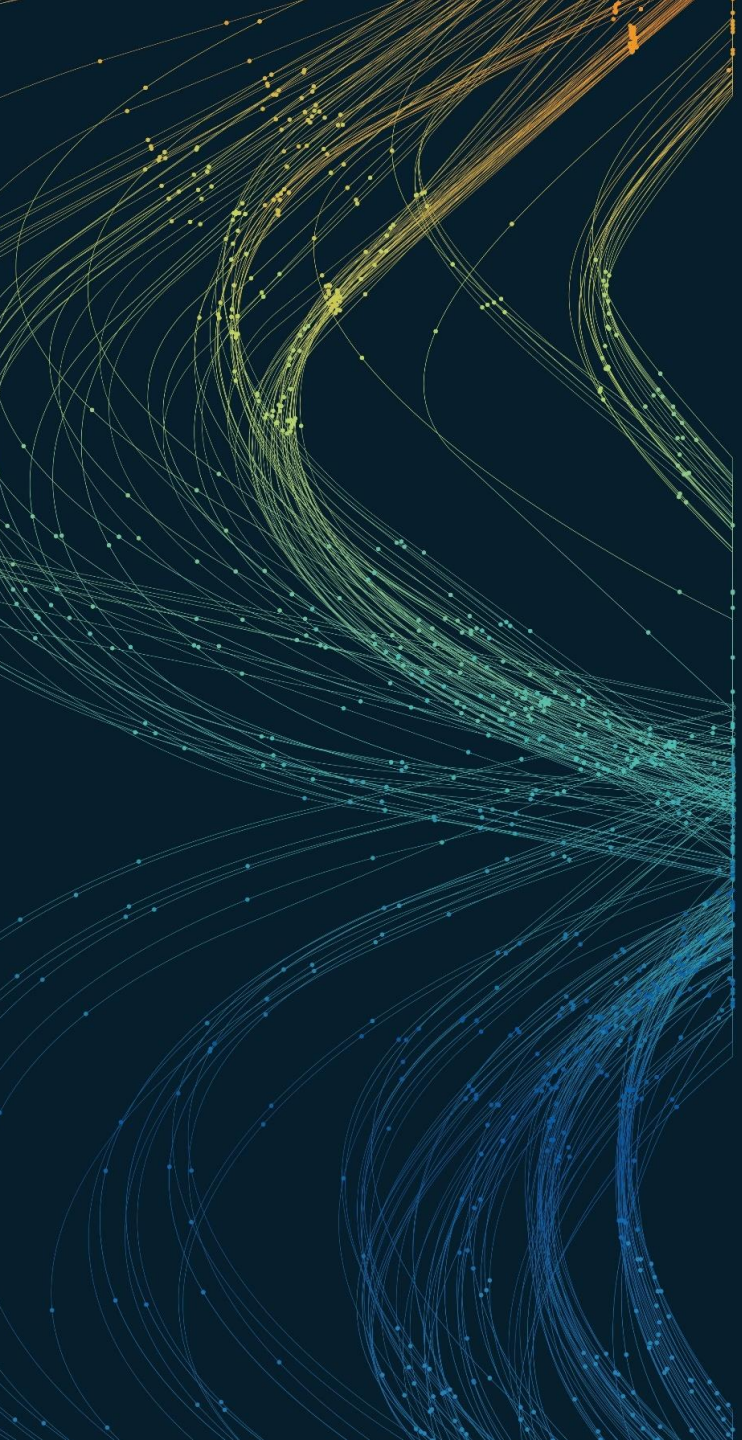


# Legislation Editing Open Software

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Community webinar #7

interoperable  
europe



## Ground rules



Participants



Chat

Start Video

Mute

Share

Leave



## AGENDA

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### **10.00 - Welcome and opening comments**

*By Nicolas Schricke, Deputy Head of Unit, Solutions for Legislation, Policy and HR, European Commission*



### **10.15 - Open-source LEOS**

*By Cristina Stanciulescu - Policy Officer Interinstitutional projects, European Commission and Alice Vasilescu and João Cartaxo, external consultant, LEOS team, European Commission.*



### **10.40 - LEOS updates**

*By Fernando Nubla, LEOS Project Officer - European Commission*



### **11.00 - Update by LEOS community member**

*By Ahmed Immoun, Head of IT at the European Data Protection Board.*



### **11.15 - Update by LEOS community member**

*By Carlos Fernández Cubero - Ministry of the Presidency, Relations with the Parliament and Democratic Memory – Spain.*



### **11.30 – Closing**

*By Willy Van Puymbroeck – (ASN) European Commission.*



# Welcome

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By Nicolas Schricke, Deputy  
Head of Unit, Solutions for  
Legislation, Policy and HR  
European Commission



**DIGITAL  
TRANSFORMATION**

Next Generation Digital Commission

**INTEROPERABILITY**

Regulation: Interoperable  
Europe Act

**DIGITAL  
PARTNERSHIP**

Open-source licensing and reuse of  
Commission software

LEOS  
flagship initiative



## Funding

Funding secured for 2023 - 2024



## New LEOS

LEOS MVP 2.0



## New open source repo

LEOS on code.europa.eu, the open source project repo from the EU institutions



## Usage

Use of LEOS gaining traction

## Progress made

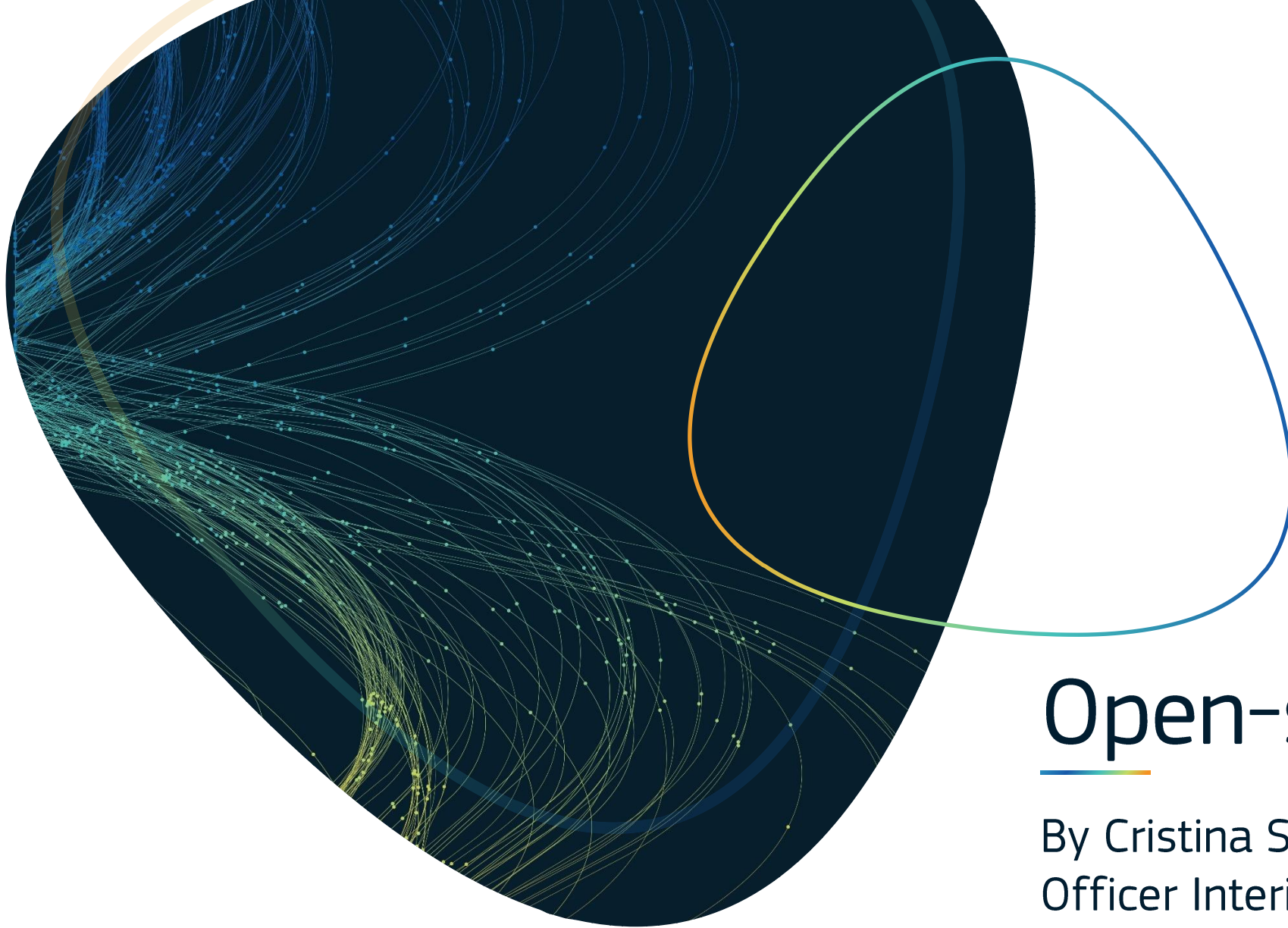
LEOS becoming even more relevant

# What is next? Investment coming to fruition

**Drafting is an  
ideal playground**

**Surf the  
innovation wave**

**A snowball effect  
will result**

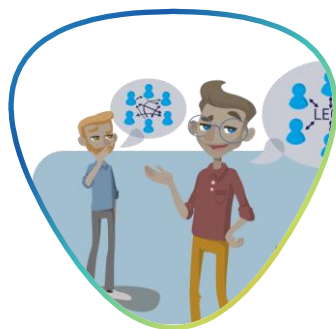


# Open-source LEOS

By Cristina Stanciulescu - Policy  
Officer Interinstitutional projects,  
European Commission



# Status @ European Commission and Council



## Pilots

Tool in pilot mode



## @European Commission

More than 20 real proposals being drafted  
with LEOS



## @Council

Revision of proposals



## Rollout

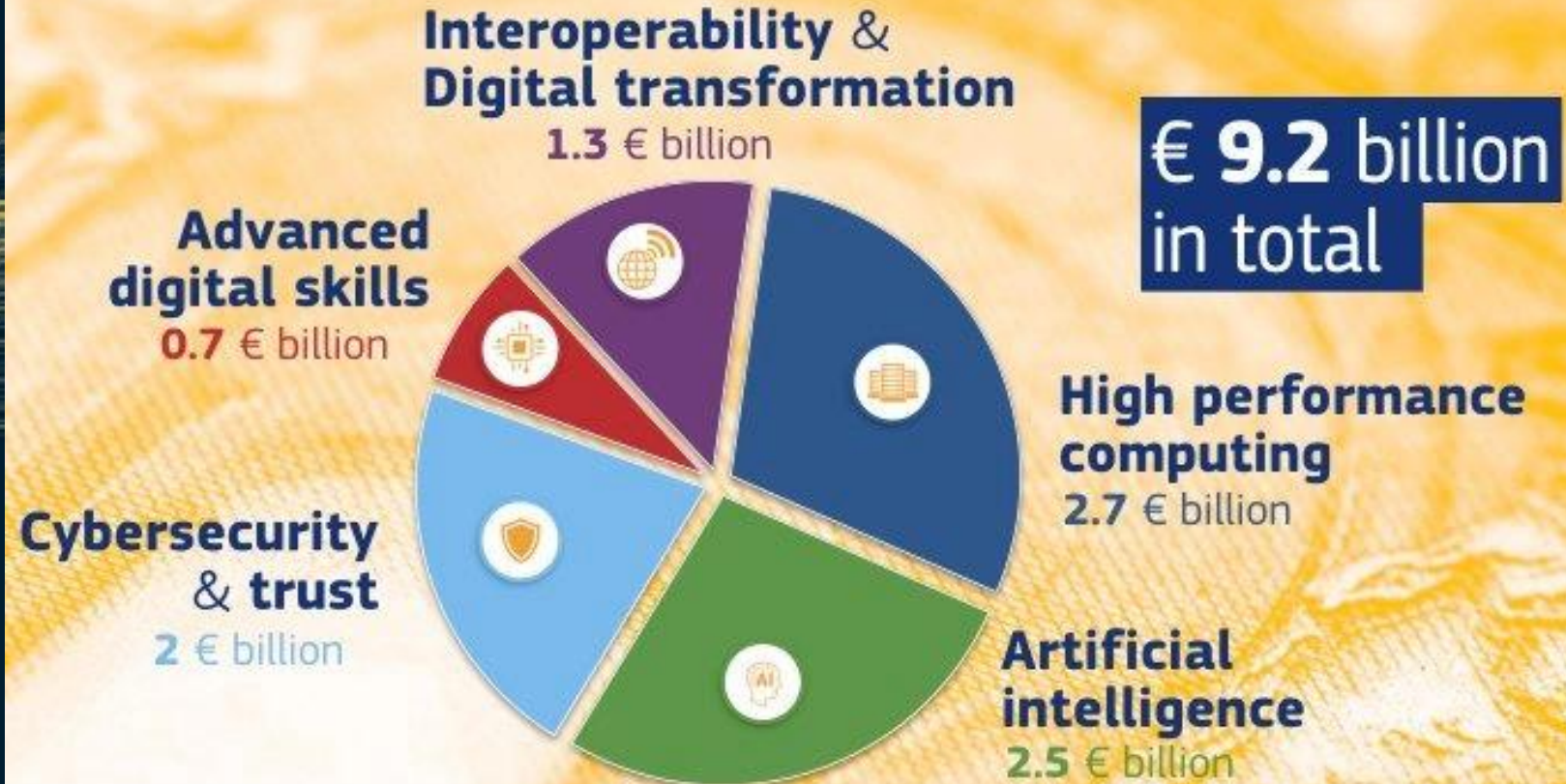
From 2024, LEOS as default drafting tool for  
Ordinary Legislative Proposals @ EC

# LEOS

Open Source Software for Drafting and  
Editing Legislation using AKN4EU  
(Akoma Ntoso for European Union)



## Investing in the future: **Digital Europe** Programme

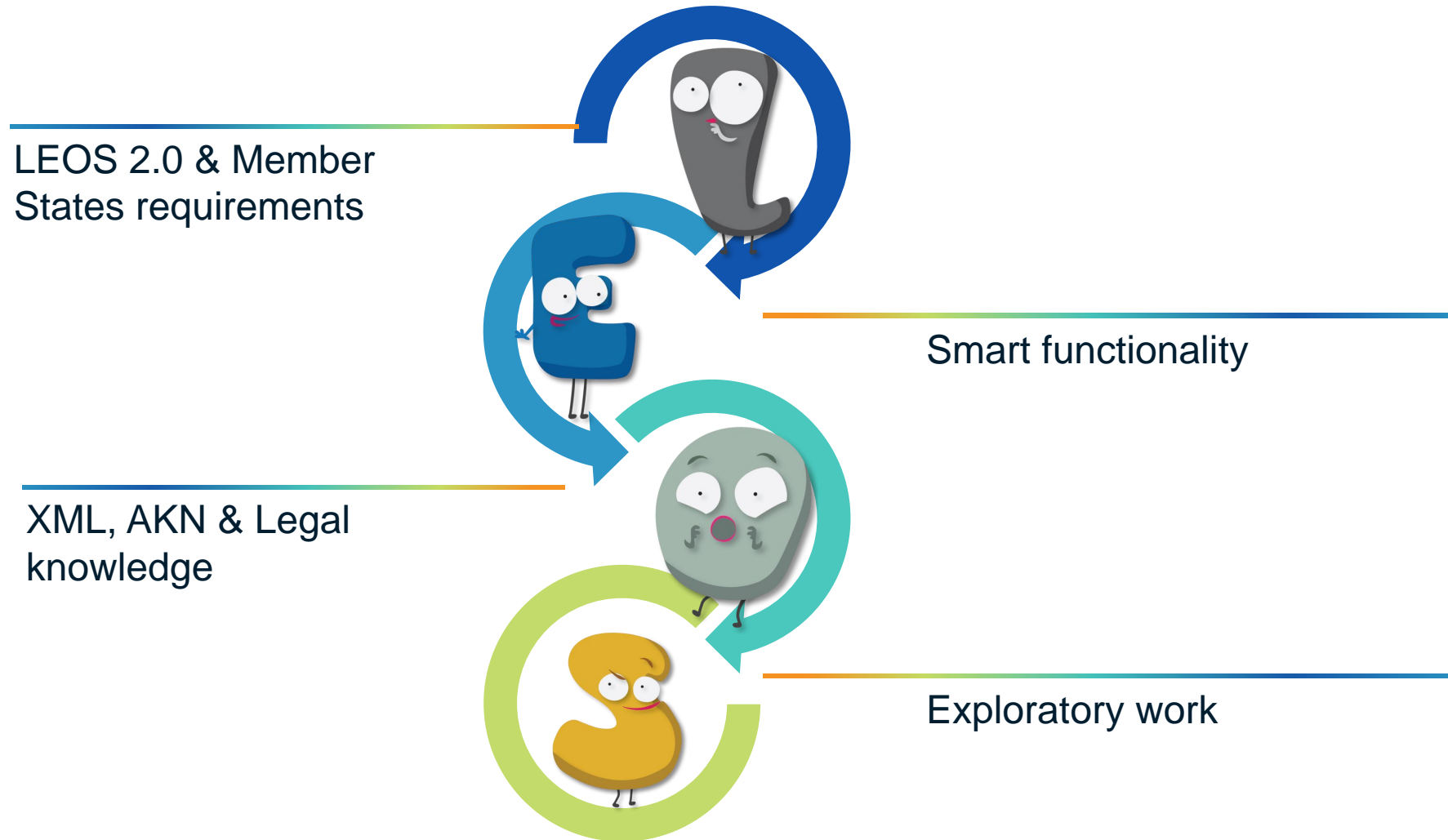


# Interoperable Europe Act – Drafted with LEOS



# LEOS as part of the Digital Europe Programme

## Augmented LEOS IT eco-system



# LEOS 2.0

Open-source  
development  
environment

Better track changes

Akoma Ntoso  
Configurable LEOS

Web usability and  
accessibility for all

Increased  
performance and  
security


Ease integration  
with law-making  
workflow systems

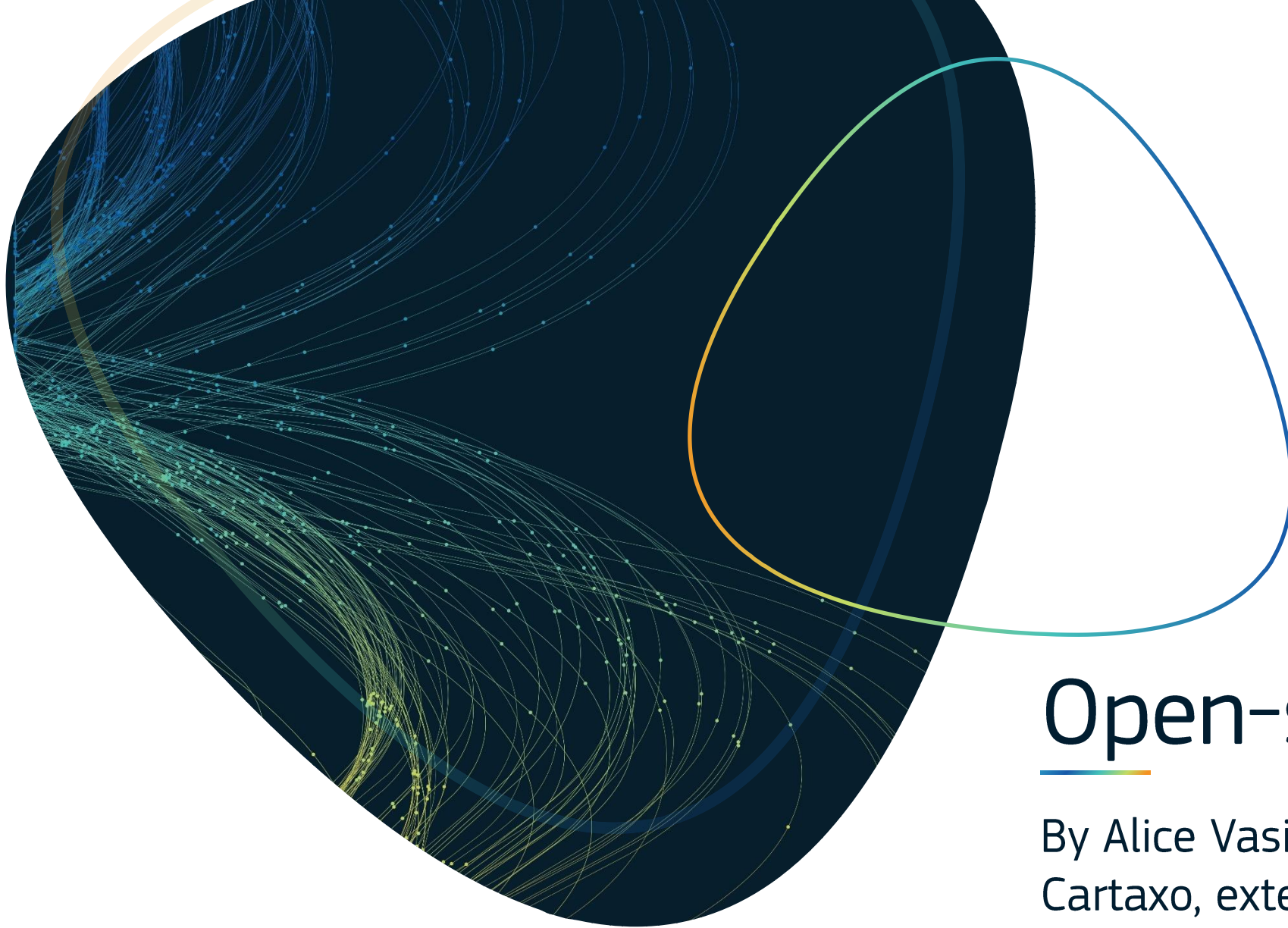
Multi-lingual LEOS

Dedicated support  
and maintenance

# Why LEOS for Member States

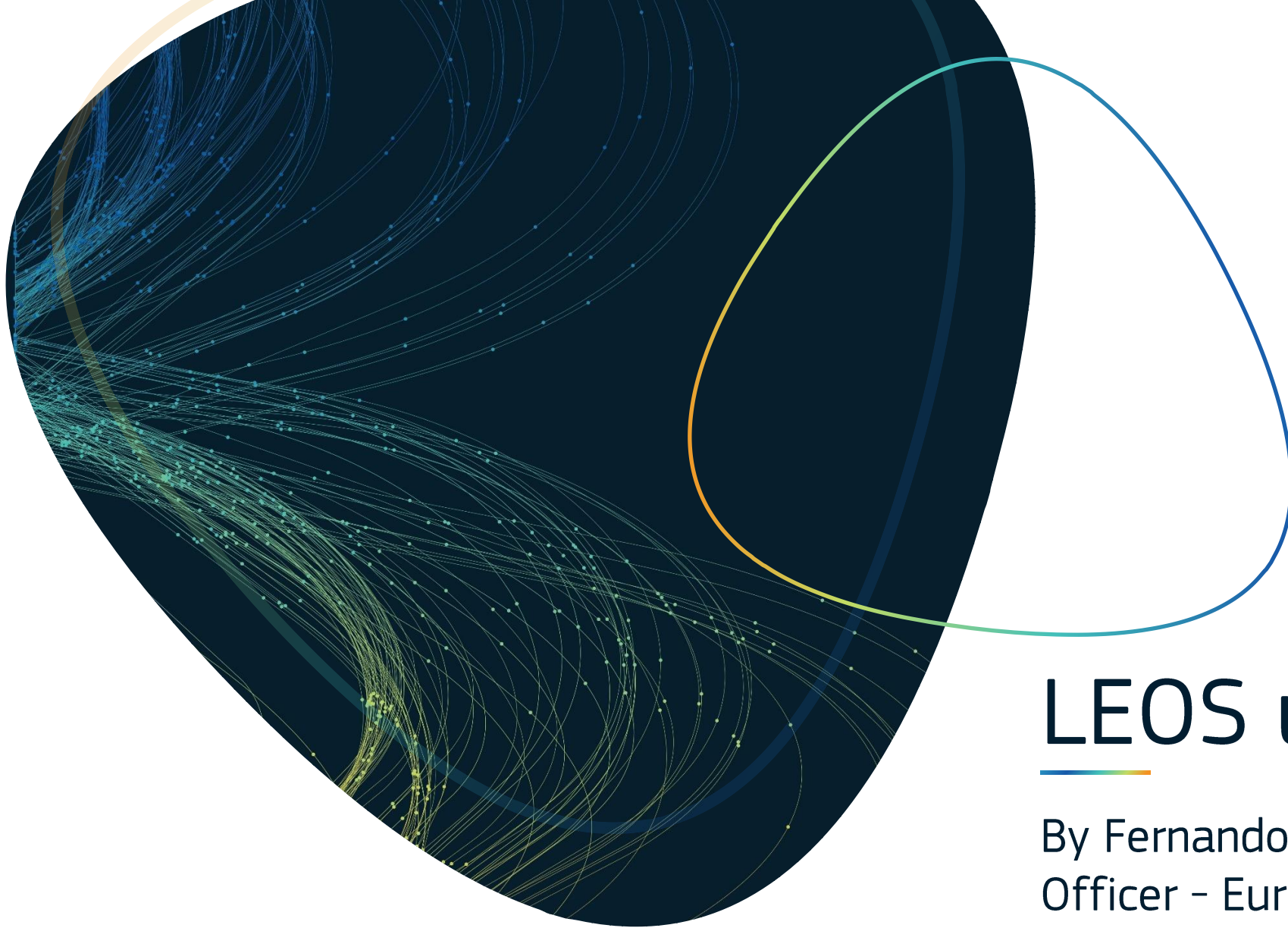


- **Address common and unique ‘law-making’ needs** – but allow flexibility
  - **Proven usefulness and efficiency gains** – successful piloting in the Commission
  - **Interoperability** - by design and through the use of open standards
  - **Open-source approach** - vendor neutral and capitalise on numerous proven available software
  - **Facilitate cooperation** inter alia with EUI in law-making
  - An **emerging community to share experiences and co-develop** in the domain of law-making
  - **Excellent experience in ‘on-boarding’** Member States, e.g Spain
  - **Techno-economic reality**: no single body can master it all
- 



# Open-source LEOS

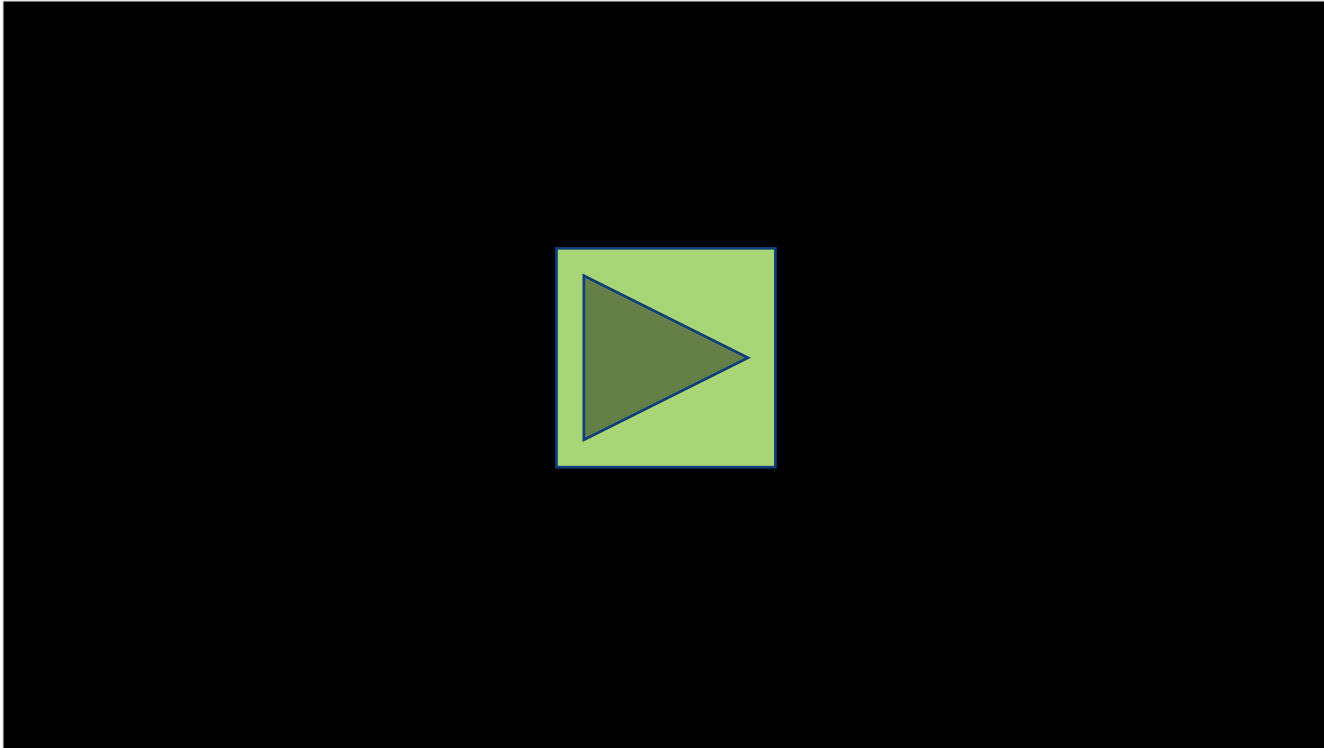
By Alice Vasilescu and João  
Cartaxo, external consultants,  
LEOS team, European  
Commission



# LEOS updates

By Fernando Nubla, LEOS Project Officer - European Commission.





### **Track changes**

Follow who does what and when



### **Angular eUI**

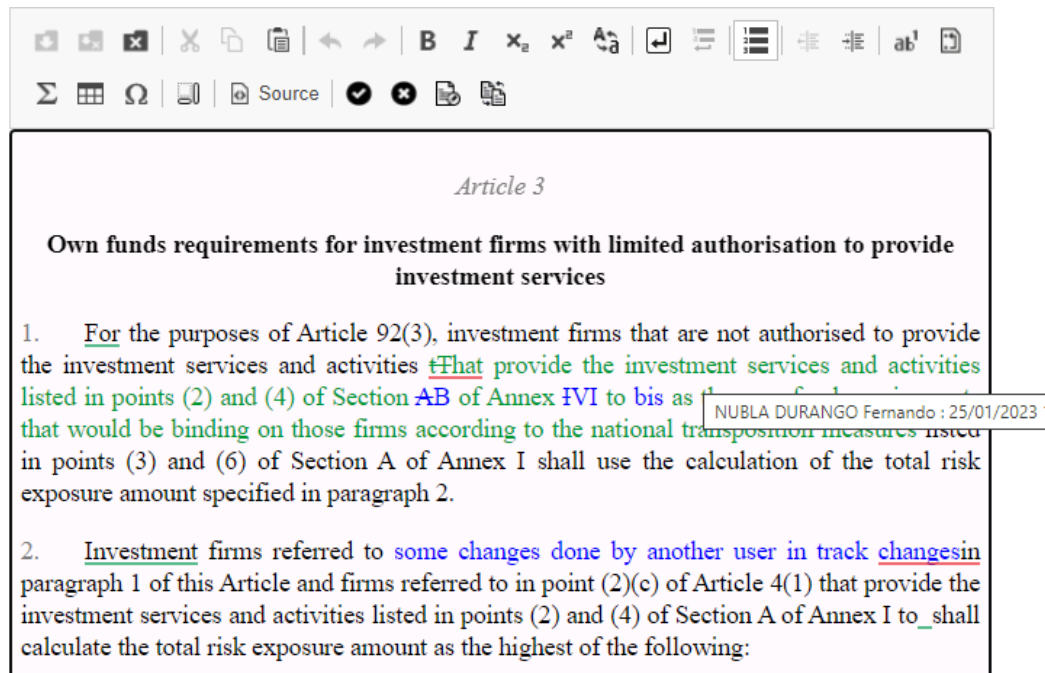
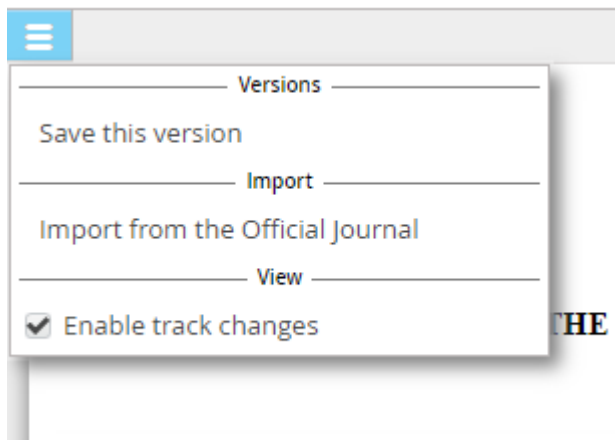
Enhanced usability and accessibility



### **New documents repository**

Better performance and robustness

# Track changes



## Features:

- Activate/deactivate at document level
- Different colours for different users
- Make track-changes over track-changes
- Show who did the track-changes and the timing
- 'Go to the next change'
- Accept/reject
- See clean version (simulate track-changes accepted) at document level
- View versions with track-changes, their authors and time



# Angular eUI migration

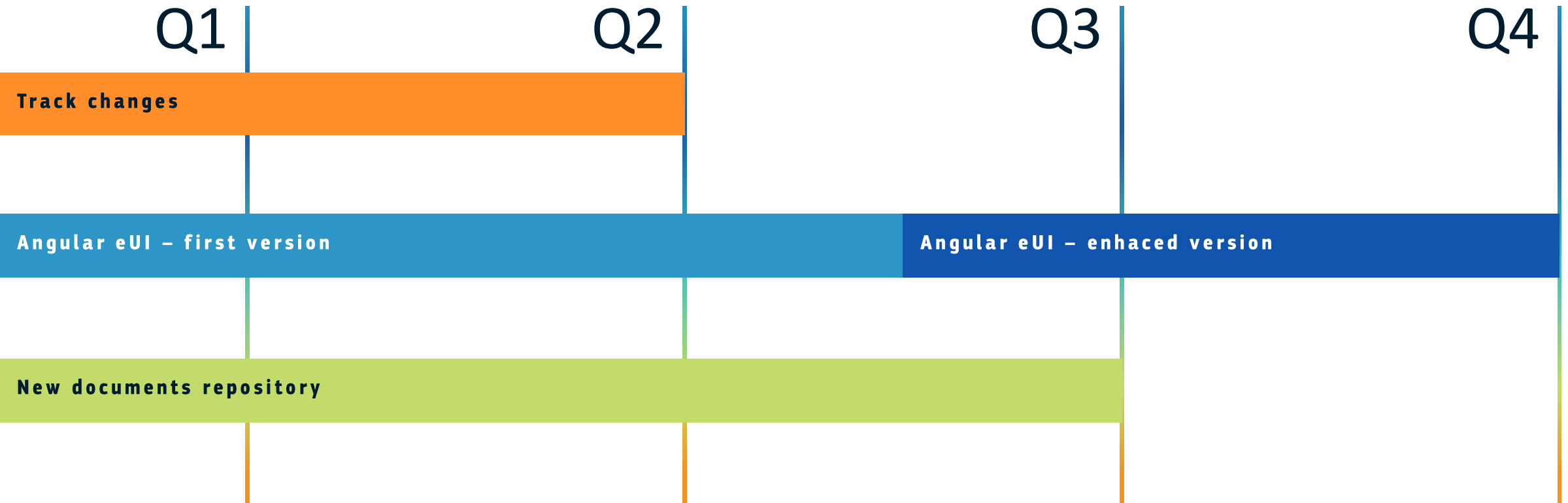
Live DEMO

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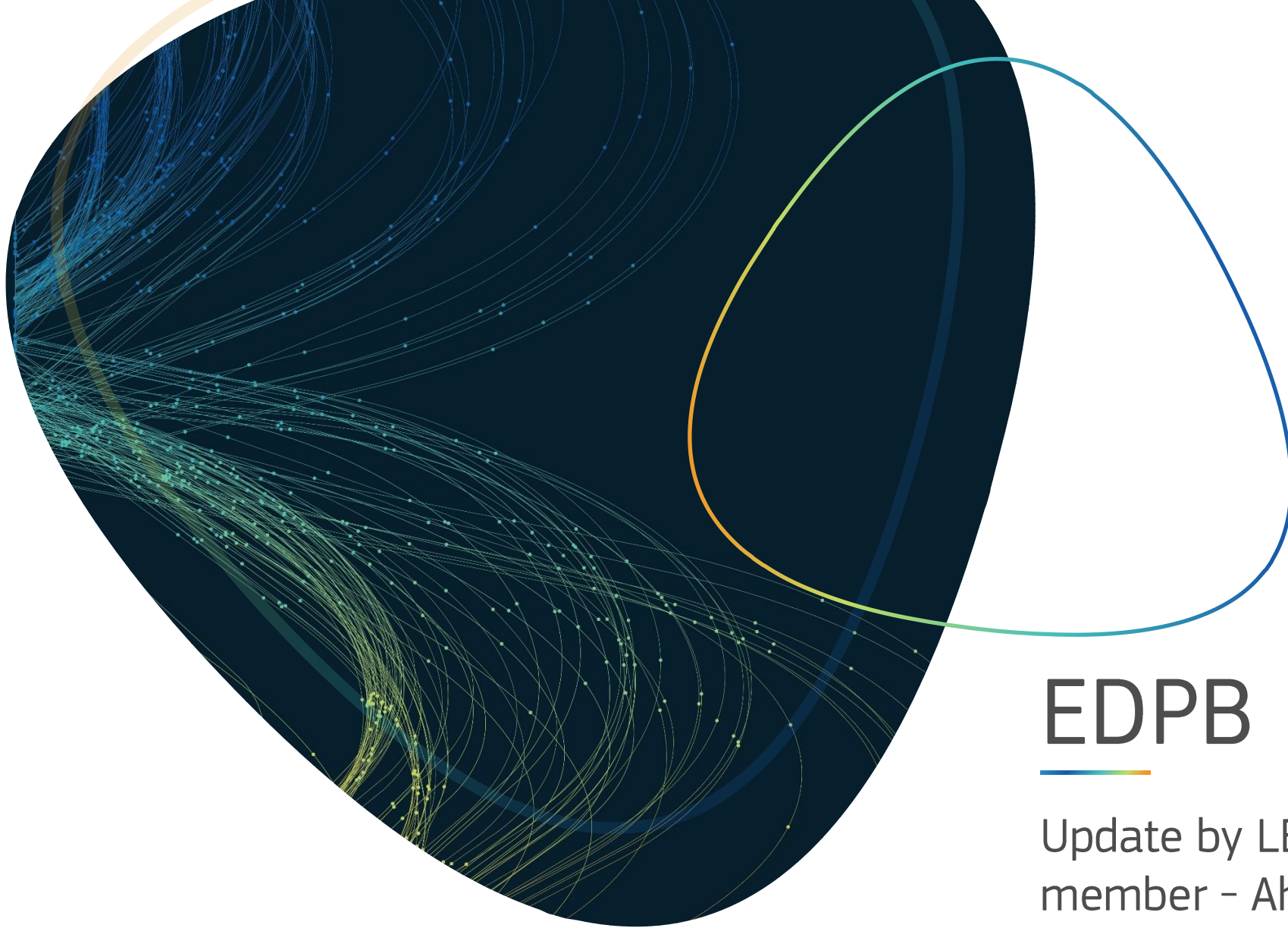


# New documents repository

# Tentative planning 2023



The development is currently happening on [code.europa.eu/LEOS](https://code.europa.eu/LEOS)



# EDPB

Update by LEOS community  
member - Ahmed Immoun, Head  
of IT at the European Data  
Protection Board

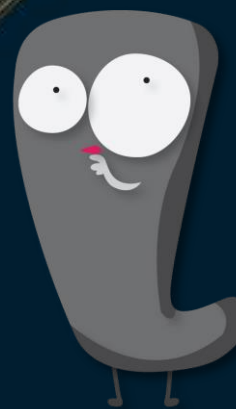
A large, dark blue circular graphic containing a complex network of thin, light blue and green lines connecting numerous small dots. The word "Spain" is written in white, sans-serif font in the center of the circle. A small horizontal bar with a color gradient (blue, orange, green) is positioned below the word. The background of the slide features abstract, flowing lines in blue, green, and yellow on the left side.

# Spain

Update by LEOS community member - Carlos Fernández Cubero - Ministry of the Presidency, Relations with the Parliament and Democratic Memory – Spain.



Thank you







LEOS powered by

# interoperable europe

innovation ∞ govtech ∞ community

Stay in touch



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[Interoperable Europe - YouTube](#)



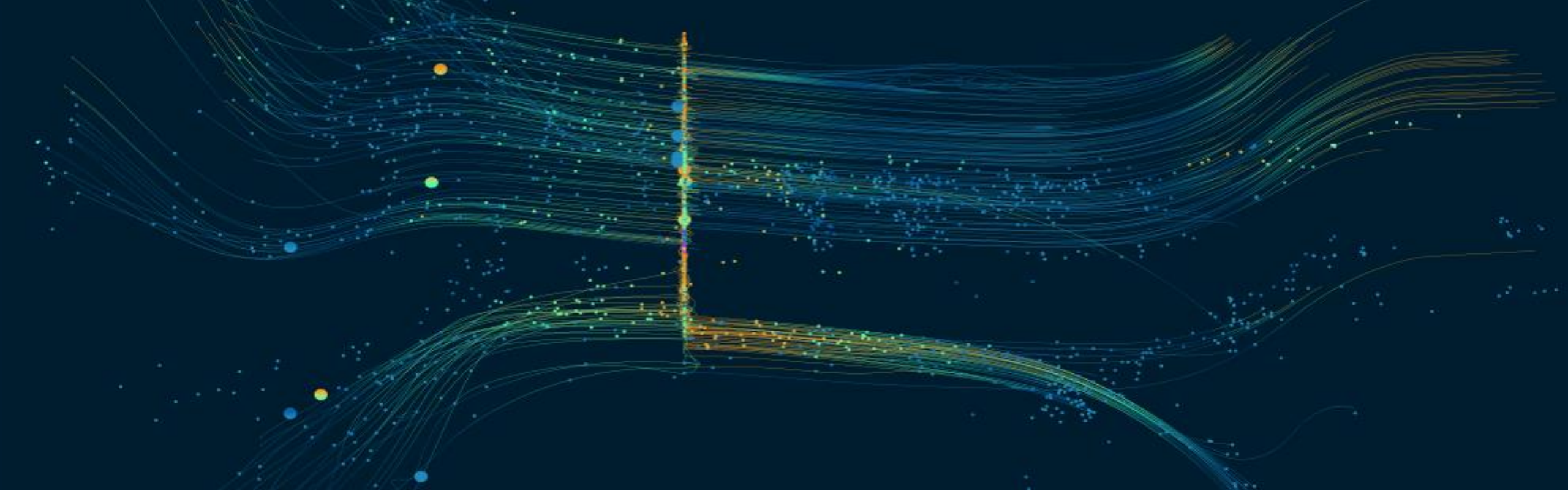
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[DIGIT-LEOS-FEEDBACK@ec.europa.eu](mailto:DIGIT-LEOS-FEEDBACK@ec.europa.eu)



<https://joinup.ec.europa.eu/collection/justice-law-and-security/solution/leos-open-source-software-editing-legislation/>



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