



# Alliance for Languages Technologies ALT EDIC Proposal

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#### What are EDICs?

- EDIC: European Digital infrastructure Consortiums
- A new European type of infrastructure derived from ERICs
- Enforces the Digital Decade programme and actions
- Focused on the Industry
- Proposed by at least three member states
- Initiated by the EU Commission
- Financing by member states and EU

# Financing the EDIC

#### **Member States**

- Direct financial support
- In-kind contributions (GPU, Premises, Personnel ...)
- Minimum total contribution between 50k€ and 500k€ per year depending on GNI

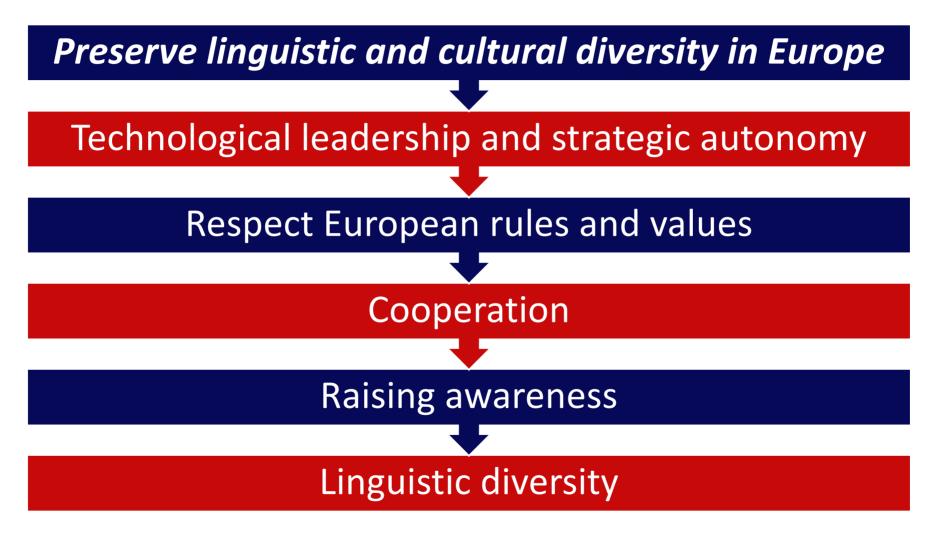
#### **European funding**

- DIGITAL programme (the LDS), eLangTech
- HORIZON research calls on LLM, ... (Cluster 2 & 4)
- EuroHPC JU.
- TEF, AI on demand Platforms, AI-EDiHs, ...
- DIGITAL EDIC dedicated topics.

#### **Ideally: a balanced mix of both sources**

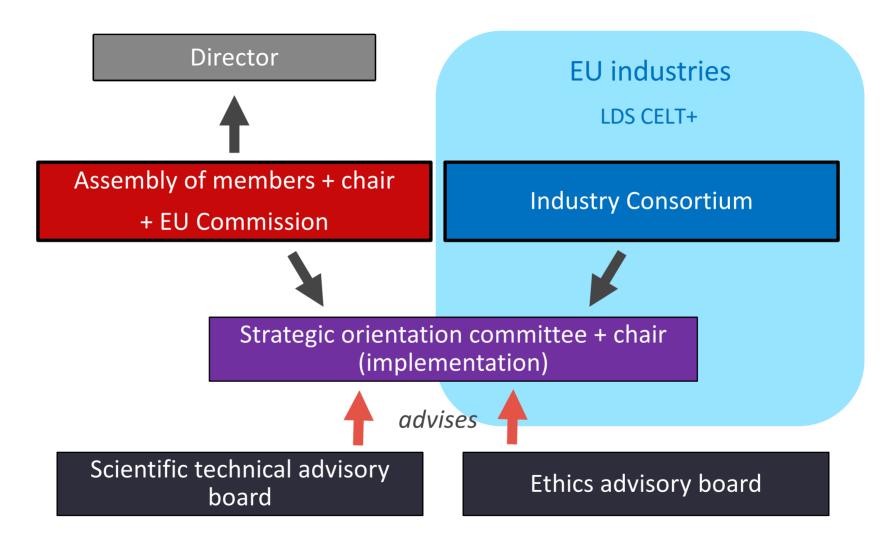


# **Main objectives**





#### **ALT EDIC Structure**



# Main thematic areas of action plan



European Language Equality 6

# **Area 1: Existing models**

Existing models

Gather existing open-source language models

Existing models

Fine-tuning existing models for SMEs

Existing models

 Reduce and optimize existing models (in particular bloom)

Existing models

 Provide evaluation, certification and normalisation methodologies

# **Area 2: Development of new models**

Development of models

 Launch new open-source model projects, including models with multimodal capabilities

Development of models

 Coordination of action of European sovereign supercomputer (Euro HPC)

Development of models

 Provide logistical and operational support for public and private experts

#### Area 3: Data

Data

• A central platform for European language resources

Data

 Collect quality data sets (continuity with the LDS, ELG, ELRC-SHARE, ... actions)

Data

 Creation of data (strategic for languages with few speakers)

## Area 4: Ecosystem



Host a start-up incubator



• Develop and foster relationships between **industry** and research



• Act as a key player of the European coordinated plan on Al



Bring together and strengthen the LT community



Provide dedicated support to institutions for investing in LTs



Cultural program based on AI for languages

#### **Timeline**

Expression of interest

Pre-notification to the Commission

Formal application of ALT EDIC

ALT EDIC preparation phase

February 2023

France + 23 members states interested in language technology

May 31<sup>st</sup>, 2023

France as coordinator, 10 MS participating, 7 MS observers

Draft statutes, budget, action and implementation plan

Autumn, 2023

France as coordinator

Working group meetings

Final statutes, budget, action and implementation plan

Late 2023 – early 2024

Setting up of the Industrial consortium

Initiation of the legal hosting entity

Obtaining the status of international organisation

ALT EDIC should be up and running before the end of 2024

### ALT EDIC possibly hosted in premises near Cité internationale de la langue française





50 min from Paris-Gare-du Nord station



40 min from Paris CDG
Airport





Restoration of the castle of François I<sup>er</sup> in Villers-Cotterêts Museum dedicated to the French language and the languages of France

Opportunity to create parallel projects on available premises



#### **European Language Equality**



# Thank you!



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