

Global leaders in Quantum-AI Solutions powered by Tensor Networks



MULTIVERSE
COMPUTING

300+

people

45+

nationalities

200+

patents

40+

research publications

25+

blue-chip clients

\$250M

Series B, June 2025

EUROHPC COMPUTE JOURNEY

Tensor networks move from efficient AI on HPC to hybrid quantum-AI workloads

EARLY 2024

Large AI Grand Challenge

EuroHPC winner and large-scale compute access

2024

CompactifAI

Tensor-network methods for LLM compression at scale

2025

Model analysis and trust

Layer profiling, hallucination and bias mitigation with TNs

2026

RL and AI for Quantum

ML models for QEM and QEC workflows

NEXT

Quantum LLM



Hybrid HPC + quantum hardware

www.multiversecomputing.com



EuroHPC
Joint Undertaking

EuroHPC resources underpin each stage

2M+

model
downloads
in total

- ✓ 4 Model sizes: 1.7B, 2.6B-A600M, 9B, 22B.
- ✓ All 24 EU official languages + 11 additional languages.
- ✓ 1.68M GPU-hours in MN5 (through an Extreme-Scale EuroHPC grant).

🚀 New: **SMURF4EU** – 1.9M GPU-hours in Jupiter

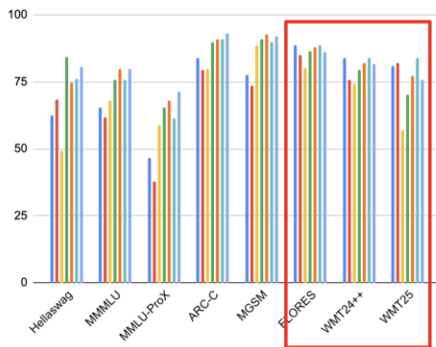
🚀 **Multimodal** (text, speech, vision, video) + **multilingual reasoning**

🚀 Expected release: **April 2027**



EuroLLM and Beyond: Open LLMs for Europe 🚀

André Martins



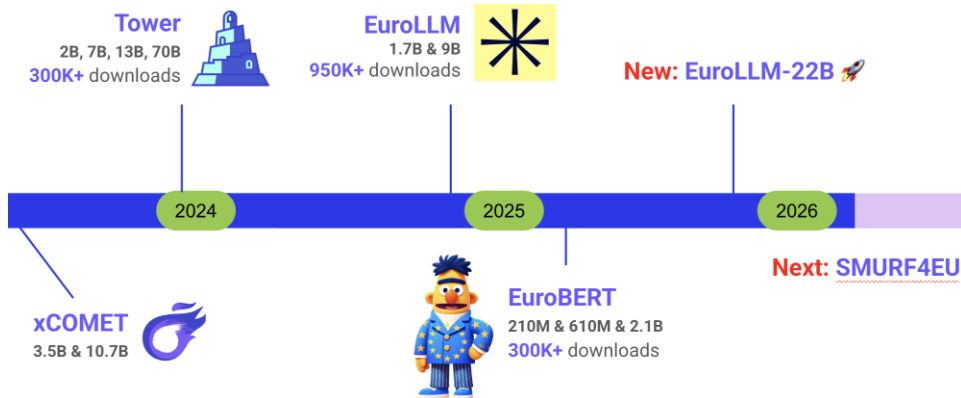
Legend:

- EuroLLM-22B
- Apertus-70B
- OLMo-3.1-32B
- Mistral-3.2-24B
- Llama-3.3-70B
- Gemma-3-27B
- Qwen-3-32B

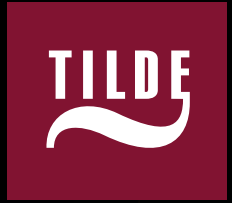
fully open

open weights

Still a considerable gap btw
fully open <=> open weights,
except for MT where
EuroLLM-22B is
state-of-the-art or close.



European AI that works in every European language



Andrejs Vasiļjevs

Co-Founder and Chairman of the Board | TILDE
Member of the EuroHPC RIAG

✉ andrejs@tilde.com

🌐 tilde.com

TildeOpen today

- Open 30B foundation model trained on LUMI
- 34 European languages
- Designed for smaller and morphologically rich languages

Our ambition for 2030–2035

- A family of efficient, multilingual European models
- Specialised AI agents for research, industry and public services
- A sovereign European stack connecting compute, trusted data, models and deployment

Ilja Rausch

AI Team Lead at the European Commission

DG Translation (DGT)

- ✓ helps the Commission communicate in all EU languages
- ✓ develops AI services and the EU institutional LLM

In 5-10 years, DGT will

- ✓ strengthen the role of linguists in AI
- ✓ help preserve the digital footprint of EU languages
- ✓ boost public sector GenAI



Joseph MCINERNEY



PhD Researcher

ABAIR, *Trinity College Dublin*

Best Paper Award at Language Models for
Low-Resource Languages 2026

EuroHPC JU Regular Access

- **ABAIR** is an Irish language (Gaelic) speech and language technology group at Trinity College Dublin.
- Our **vision** is to develop research-led AI for Irish that respects linguistic and dialectal variation, meeting the needs of the Irish-language community and accessible to all.
- In the **future** we will develop general purpose speech and text models (LLMs) for Irish that facilitate downstream applications.