

Challenges
proposed by



Transports Metropolitans
de Barcelona

BACKGROUND

connects
science meets business



Transports Metropolitans de Barcelona (TMB) is the leading public transport operator in Barcelona, managing the city's metro and bus networks as well as several mobility services across the metropolitan area.

AREAS OF INTEREST

ARTIFICIAL INTELLIGENCE

LANGUAGE TECH / AINA

Aina

 **Generalitat
de Catalunya**

CHALLENGE 1

TITLE

Real-Time Multilingual Video Conferencing

DESCRIPTION

How can we develop a solution capable of recognizing, transcribing, and translating multilingual conversations in real time – including Catalan – where participants may speak different languages simultaneously or switch between languages during the same meeting, while allowing users to view both the original transcript and translated versions in selected languages without losing accuracy, context, or speaker attribution, and ensuring seamless integration with leading video conferencing platforms such as Microsoft Teams?

KEY WORDS

AI · Teams · language tech · transcript



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This challenge focuses on language technologies; the solution you propose must incorporate the resources from the Aina project. Please find all of the Aina's resources linked here and on the website.



Transports Metropolitans de Barcelona

[Submit your proposal here](#)

[Aina Kit](#)



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