

An ITEA Smart mobility project

TAPCOP



Traffic AI Prediction of Common Operational Picture

Project summary

Congestion is the breakdown in traffic flow, increase of travel time, and increase in crowding that occurs when the capacity of public spaces is exceeded. There is a tipping point before this becomes problematic in terms of economic costs, pollution, safety incidents and discomfort. TAPCOP (2023-2026) aims at addressing these problems by realizing advanced situational awareness & data-driven management of mobility flows. The project investigates secure and privacy-aware fusion of multi-modal data sources in view of creating a more reliable and complete view of the mobility situation and predict overcrowding. TAPCOP offers proactive information delivery mechanisms to support the different involved stakeholders (i.e. drivers, pedestrians, passengers, stewards, officers, etc.) in effectively dealing and managing specific mobility situations.



SCAN ME

Project duration

October 2022 - April 2026

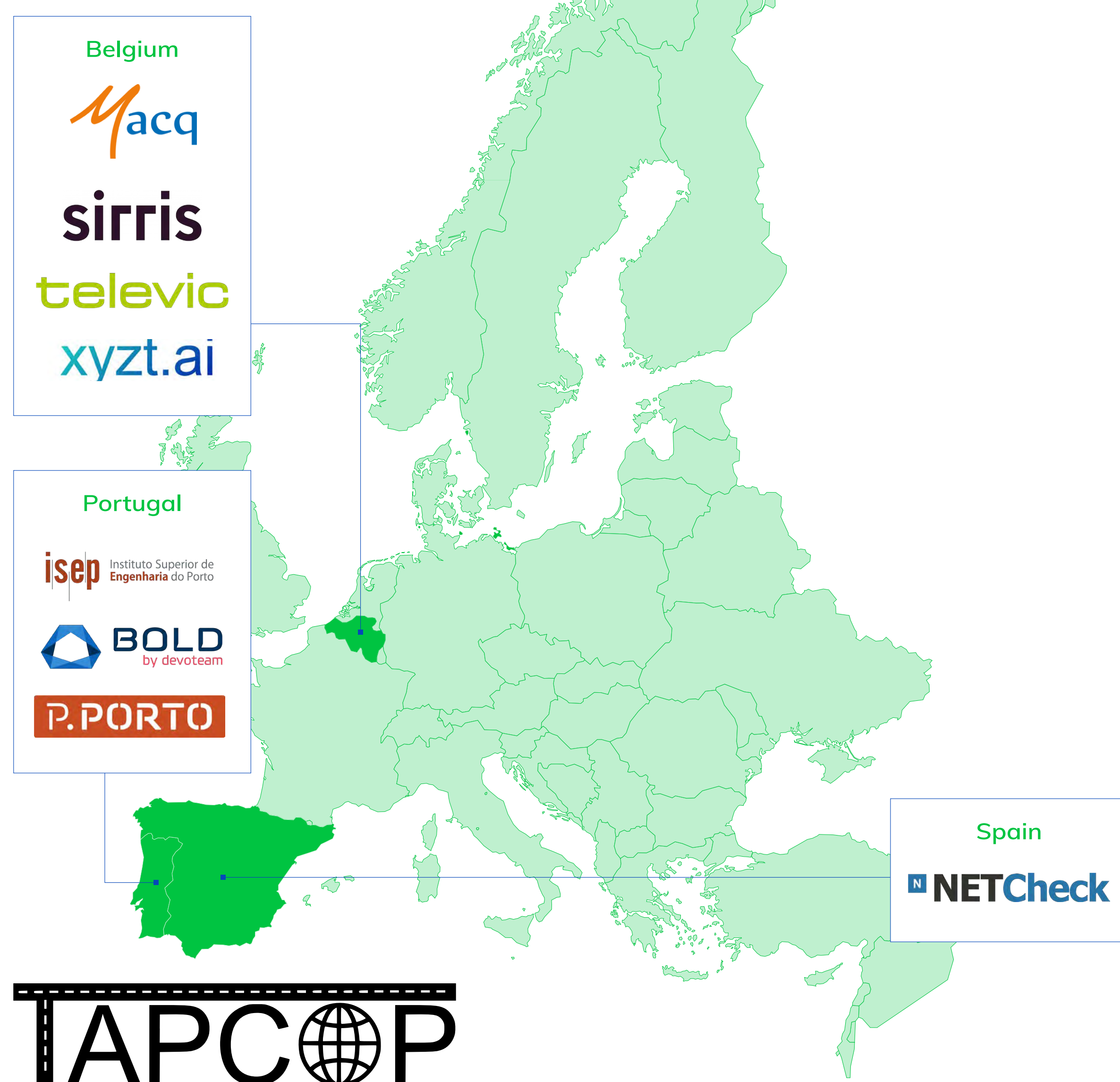
Project webpage

<https://itea4.org/project/tapcop.html>

Expected key results

- > **Reliable context understanding** and complete view on the current mobility situation;
- > **Predictions** on how that situation will likely evolve in the short-term;
- > **Proactive information delivery** supporting stakeholders in effectively managing specific mobility situations.

Consortium



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