DELIVERABLE 2.3

CLOUD-BASED VIRTUAL SCALABILITY PLATFORM

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Status	Complete

This simulation model, developed as part of the CSBO PILL project, provides a visual representation of the proposed physical internet framework. It showcases a network of transport operators and expeditors utilizing this framework to optimize their transportation routes.

The model allows users to experiment with two different routing protocols: FPIR (Fixed Path Intermodal Routing) and CPIR (Configurable Path Intermodal Routing). By selecting either protocol, you can observe how it influences route planning and efficiency within the simulated network.

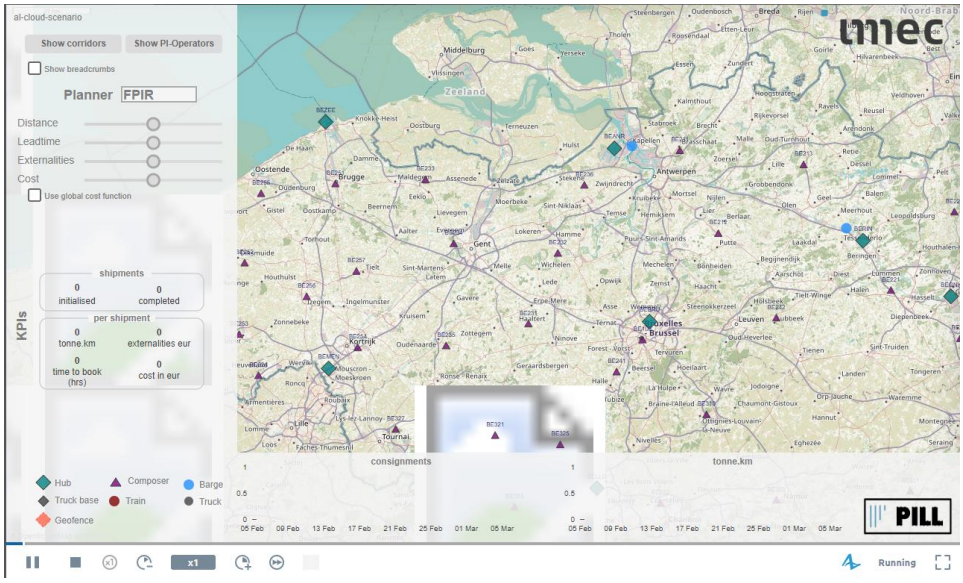

Figure 1: Visual of the Simulation model

Link to the AnyLogic cloud platform:

cloud.anylogic.com/model/4f874264-35c0-4f9b-b427-b561e32815f0

Developer: Vitor Lemos

Categories: Transportation and Logistics

Simulation methods: Agent Based Discrete Event

Model developed to test and measure different frameworks as part of the Physical Internet Living Lab project (https://www.imec-int.com/en/pill).

The model was created in: AnyLogic simulation software / Transportation and Logistics