

MultiModX

Integrated Passenger-Centric Planning of Multimodal Transport Networks



Acronym: MultiModX

Project budget: 1 300 000 €

Duration: 30 months

Project start date: 01/07/2023

Project end date: 31/12/2025

Partners: 6 partners from 5 countries

Project coordinator: Bauhaus Luftfahrt EV

Work programme: HORIZON-SESAR-2022-DES-ER-01

Grant agreement: n° 101114815

The vision of MultiModX is that of a multimodal European transport system in which air and rail networks are planned and managed in a coordinated manner to maximise the efficiency, predictability, environmental sustainability and resilience of the door-to-door passenger journey.



The project is supported by the SESAR Joint Undertaking and its members



Co-funded by
the European Union

MultiModX has been funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or of the SESAR JU. Neither the European Union nor the SESAR JU can be held responsible for them.



PROJECT OBJECTIVES

The goal of MultiModX is to develop a set of innovative multimodal solutions and decision support tools for the coordinated planning and management of multimodal transport networks. MultiModX develops a multimodal modelling and evaluation framework, including a set of key performance areas and indicators, that enable a comprehensive characterisation of the impact of multimodal transport systems and multimodal solutions for a range of stakeholders.

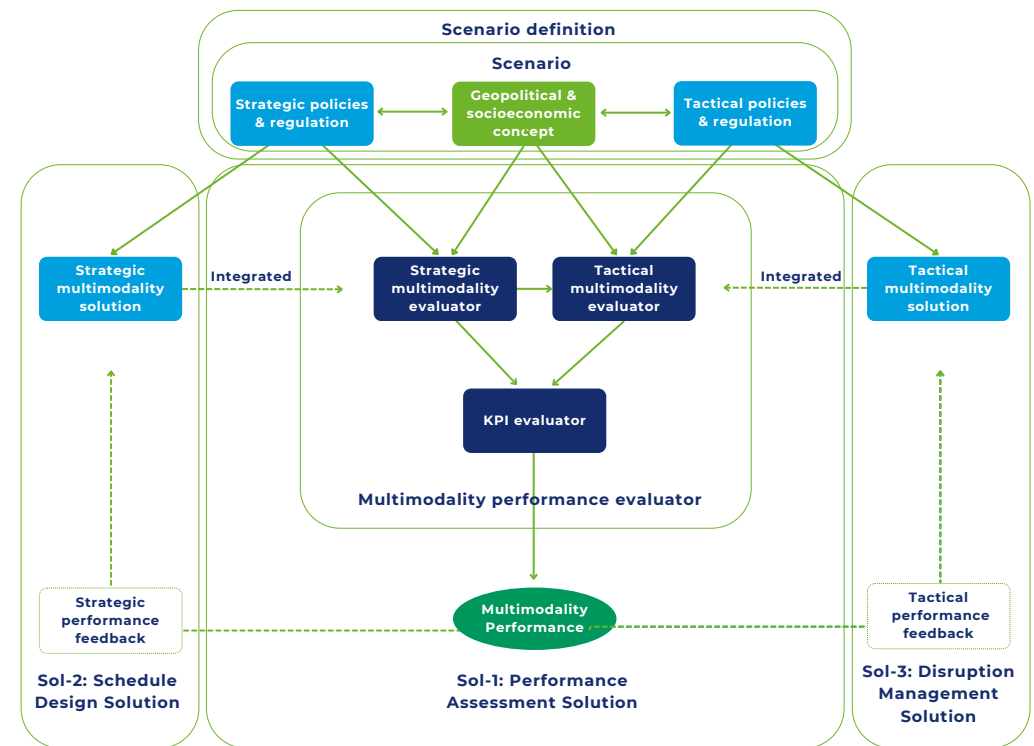
It will improve existing indicators and metrics and complements current frameworks by more meaningful passenger-centric metrics for better measures of significant disruption (e.g., longer delays, missed connections, denied boarding, cancellations).

MULTIMODX CONCEPT

The vision of MultiModX is that of a multimodal European transport system in which air and rail networks are planned and managed in a coordinated manner to maximise the efficiency, predictability, environmental sustainability and resilience of the door-to-door passenger journey.

The Schedule Design Solution will enable the coordinated design of air and rail schedules according to expected demand behaviour. The Disruption Management Solution will support decision-makers response to disruptive events in real time in order to minimise the impact on the passengers, profiting from the extension of the A-CDM concept to other transport modes. The MultiModX Performance Assessment Solution will support the design, implementation and evaluation of these (and other) multimodal solutions by enabling ex-ante assessment and ex-post monitoring of their impact on a comprehensive set of key performance indicators (KPI).

ORGANISATION



MultiModX

-  **Germany**
BHL
TUD
-  **France**
UIC
-  **Spain**
NOMMON
-  **UK**
UoW
-  **Belgium**
ARC



CONSORTIUM



NOMMON



**UNIVERSITY OF
WESTMINSTER**



MultiModX-project.eu - <https://sesarju.eu/projects/MultiModX>



info@MultiModX.eu



[MultiModX_eu](https://twitter.com/MultiModX_eu)



[@MultiModX_eu](https://www.linkedin.com/company/MultiModX_eu)



The project is supported by the SESAR Joint Undertaking and its members



Co-funded by
the European Union

MultiModX has been funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or of the SESAR JU. Neither the European Union nor the SESAR JU can be held responsible for them.