

MOBITIX: A GeoAI-enabled decision support tool for urban micromobility



AALBORG
UNIVERSITY

Modules for city planning



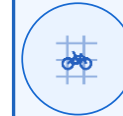
Routing suitability

Compare safe, fast and cargo-bike-aware route alternatives across the street network.



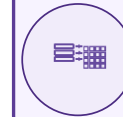
Reachability

Map 5, 10 and 15-minute service areas to reveal accessibility gaps and first/last-mile potential.



Bikeability & walkability

Score streets and areas using comfort, safety, connectivity accessibility and more indicators.



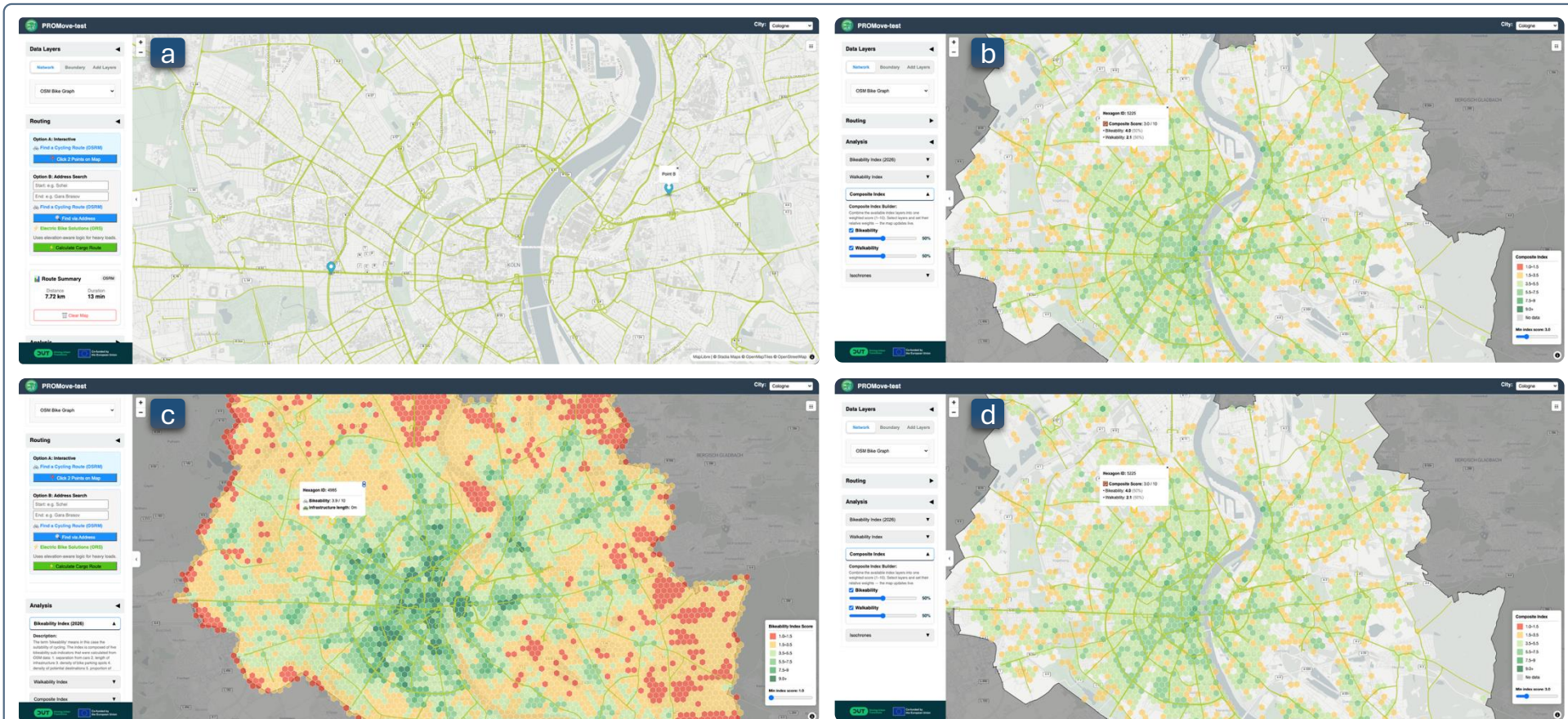
Composite prioritisation

Combine weighted indicators to identify intervention hotspots and test planning scenarios.

Suitable for future DUT pilots

City data → indicators → scenarios → planning priorities

Try at mobilitix.xyz



Mobilitix is a modular geospatial decision-support environment for analysing and planning urban micromobility. It integrates routing, accessibility, spatial indicator analysis and more to support evidence-based planning and scenario assessment. Demonstrated functionalities include: (a) routing analysis; (b) 5, 10, and 15-min isochrones; (c) bikeability assessment; and (d) an integrated bikeability-walkability index for identifying and prioritising areas for intervention.

