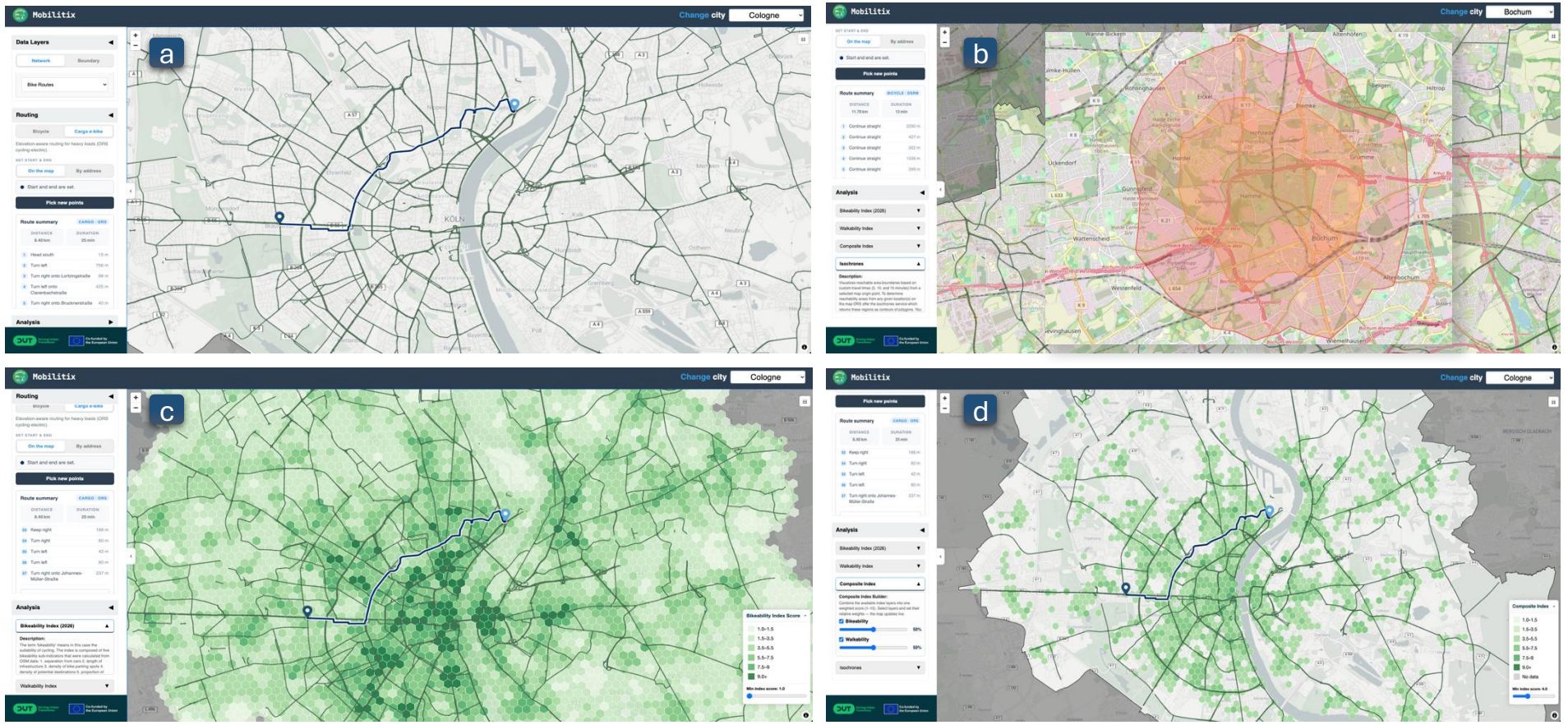
MOBILITIX: A GeoAI-enabled decision support tool for urban micromobility

AALBORG UNIVERSITY



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.

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

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