ENHANCE

Enhancing Sustainable Travel in Small Cities and Outer Metropolitan Areas

Project Overview

- Research-oriented approach (ROA)
- 15mC Transition Pathway
- Strengthen the mix of urban functions and services

Project keywords

Multi-modal accessibility; Transport inequality; Travel behaviour; Scenario modelling

Land-use planning

Challenges

1. Urban outskirts

- Greater car dependency
- Struggling local retail centers
- Disintegrated housing developments
- Weaker active travel infrastructure

2. Disadvantaged groups

- Physical impairments
- Families with children
- Elderly people

Three key approaches

1. Developing 15mC-accessibility indicators

   - Automobile
   - Public Transportation
   - Cycling

   Accessible basic healthcare services via 15 minutes' travel time in the Netherlands

2. Analysing 15mC travel behaviour

   - Built Environment
   - Socio-demographics
   - Other associated factors
   - Weather / Temporal index

3. Modelling 15mC scenarios

Case cities

- Alkmaar, Netherlands
- Bath, UK
- Oeiras, Portugal

Project Partners

VU
VRJE UNIVERSITEIT AMSTERDAM
UCL
NOVA
Birkbeck
University of London
Prospective
Labs
Transport
for London

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DUT
Driving Urban Transitions

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