Korea-EU Horizon Europe Researchers Networking Forum

on Energy & Advanced Mobility

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Urban Mobility
Autonomous Driving
Travel Behavior

KERC Korea-EU Research Centre
NRF National Research Foundation of Korea
Ministry of Science and ICT
KIST Europe

1. Seoul National University of Science and Technology

National university in Korea with strong focus on Science & Engineering

Enrolled Students
14,595

Faculty
846

International Students
1,002

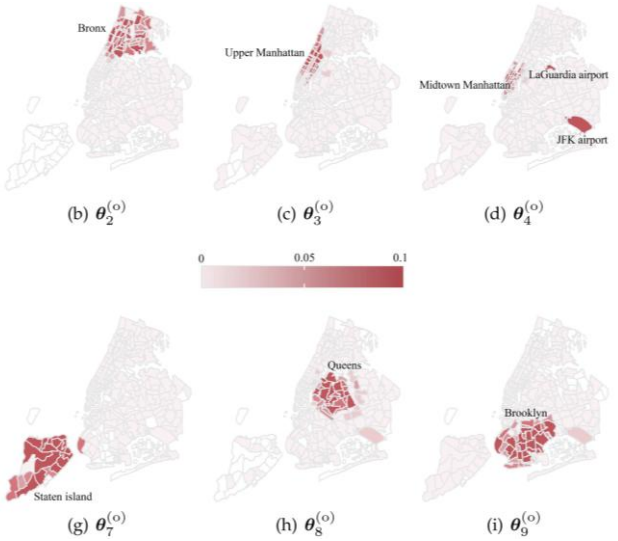
Academic Units — **31** Departments in **8** Colleges / **71** Majors in **7** Graduate schools

World Ranking

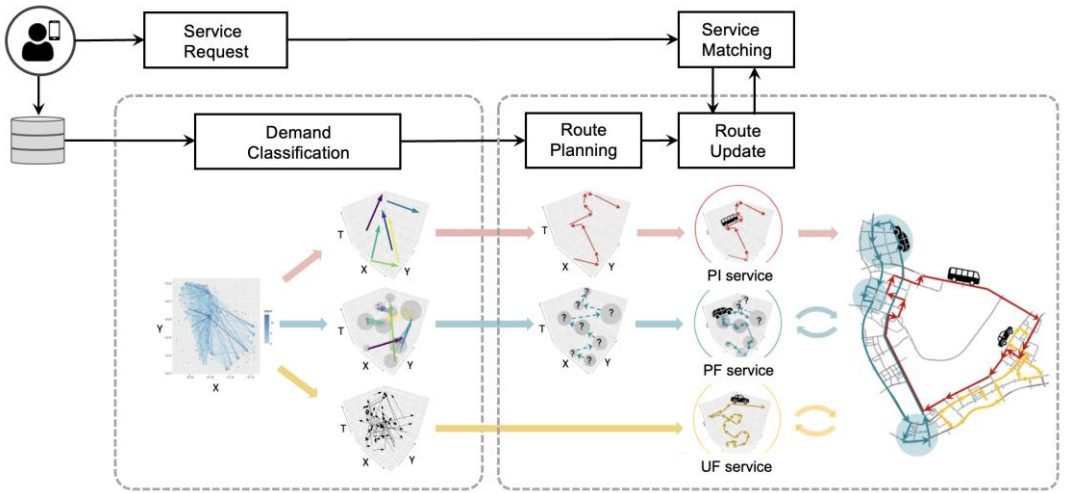
- 801-1000-th in Engineering by Times Higher Education (THE)

2. Expertise: Intelligent Urban Mobility

- Connecting AI, transportation systems, and data-driven modeling.

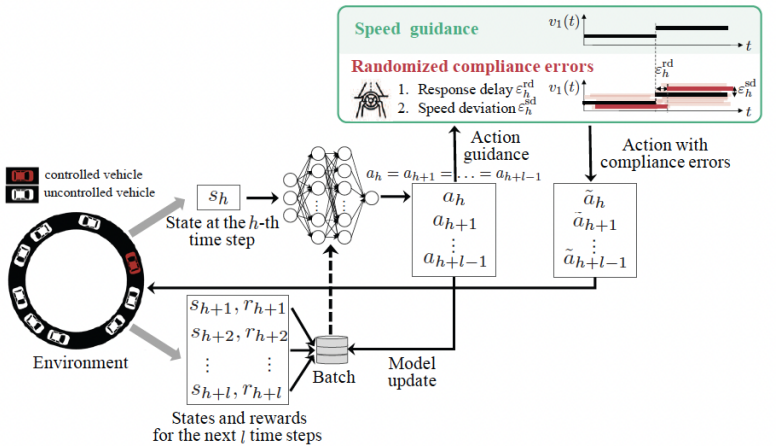


Probabilistic travel demand modeling



The proposed framework for flexible mobility service

Real-time mobility service optimization



RL for automated driving

- Experience in DUT project proposal led by TU Delft

3. Your Project Idea

Targeted call

Connected, Cooperative and Automated Mobility (CCAM)

- **HORIZON-CL5-2026-10-D6-10:** Enhanced resilience in multimodal passenger transport through digital technologies and generative and discriminative AI

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- **HORIZON-CL5-2026-10-D6-06**: Increasing competitiveness and resilience of multimodal freight transport and logistics for competitive supply chains
- **HORIZON-CL5-2026-10-D6-07**: Supporting sustainable and smart urban mobility in Europe (CIVITAS)
- **HORIZON-CL5-2027-06-D6-08**: Enhancing Mobility for All: affordable, reliable, and accessible multimodal transport for inclusive rural and urban connectivity – Societal Readiness pilot

3. Your Project Idea

HORIZON-CL5-2026-10-D6-10: Enhanced resilience in multimodal passenger transport through digital technologies and generative and discriminative AI

Goal: AI-driven multimodal optimization for resilient, efficient, and adaptive transport systems.

- System Requirements, Architecture, and Data Integration
- AI-based Disruption Prediction and Scenario Generation
- Multimodal Optimization and Dynamic Reconfiguration
- Pilot Demonstrations and Evaluation
- Impact, Exploitation, and Dissemination

4. Profile You are Seeking and Why

1-2 Pilot implementations and city-level collaborations can be conducted in Korea

- AI & Machine Learning for Transport Systems
- Multimodal Transport Optimization
- Digital Twin and Simulation
- Transport Infrastructure & Operations
- Data Systems & Cybersecurity
- Socio-Technical & Policy Impact

5. Contact Details

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