

Questionnaire

Dear X,

Thank you for taking part in this questionnaire for a research in collaboration with IKEM, entitled by ***“Optimizing Public EV Charging for Municipalities: An integrated approach based on geospatial and multi-criteria decision-making analysis”***. This study is being done by Ali Khalife in completion for the degree of MBA in Sustainable Mobility Management at the Technische Universität Berlin.

The purpose of this study is to support an effective development of public EV charging on a municipal level through projecting the future demand size and distribution. As shown in figure 1, a set of criteria are being selected and spatially analyzed to evaluate the potential locations for public charging stations.

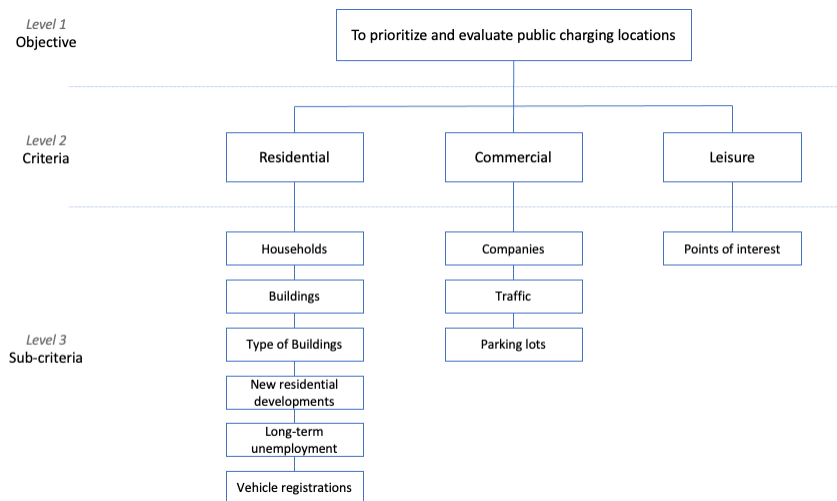


Figure 1 Evaluation Criteria

The questionnaire aims to incorporate the municipality’s mobility strategy to facilitate public charging between different demand dimensions (level 2), and its assessment of the significance of each sub-criterion (level 3) on public charging demand. The results of this study will be used for scholarly purposes only, and no personal data will be disclosed.

In case you have any questions about the research study, please feel free to contact me on ali.khalife@campus.tu-berlin.de.

Sincerely,

Ali Khalife

Glossary

Household	number of households within a specific area
Buildings	number of buildings within a specific area
New residential buildings	number of new units within a specific area
Type of buildings	ex. house, apartment building, represented by the average number of floors of the buildings within a specific area
Long-term unemployment	long-term unemployment rates within a specific area
Vehicle Registrations	number of registered vehicles within a specific area
Companies	number of companies within a specific area
Traffic	volume of traffic within a specific area
Parking lots	availability of parking lots within a specific area
Points of interest	number of key attractions and landmarks within a specific area

Please indicate (x) the relative importance of **criterion A** (left column) to **criterion B** (right column) in each row.

- Residential and Commercial are **“Equally”** important
- Leisure is **“Strongly”** important compared to Residential
- Commercial is **“Moderately”** important compared to Leisure

[illegible]

Level 2 – Criteria: Demand Dimension

[illegible]

Level 3 – Sub-criteria: Commercial

[illegible]

Level 3 – Sub-criteria: Residential

[illegible]