



Green / Electric Moped Sharing Scheme Study for Dubai

Client:

Green Street

Key Services Provided:

- Market Analysis
- Mobility as a Service (MaaS)
- Benchmarking
- Feasibility Studies
- Financial Modelling and Economics
- First / Last Mile Mobility

Moped sharing schemes refer to rental services where mopeds are located at various locations throughout a city, or part of a city. They are typically rented by the minute, hour or distance and can be easily checked-in and -out either from a fixed station 'docks' or from 'floating locations'. These services are typically supported by back end platforms, mobile applications and a dedicated maintenance and operational centre.

Surface Mobility provided expert advice and scheme study for the implementation of a green / electric moped scheme in Dubai. The study provided:

- A benchmark of current similar schemes from around the globe.
- Benefits and risks to implementing these types of schemes within the UAE, including safety analysis.
- Schemes, market developments within the UAE, America, Europe and Asia.
- Comprehensive outline of safety and policy regulations required for any scheme within the UAE.
- Docking Station Design
- Reviews of current e-moped suppliers.
- Potential Pilot locations and steps for implementation within Dubai.
- Analysis of potential financial models for implementation.

Following the detailed analysis Dubai was appraised for its market potential. It was concluded that in order to elevate Dubai's potential for a sharing scheme of this nature there are several requirements that need to be met, some of which include:

- Ensuring the proposed scheme meets all existing worldwide schemes current abilities,
- 100% green,
- Promote public transport use,
- Provide detailed regulations with maximum safety requirements
- Open source technology and tracking systems
- Ensuring battery compliance and durability with the Dubai Heat.

