

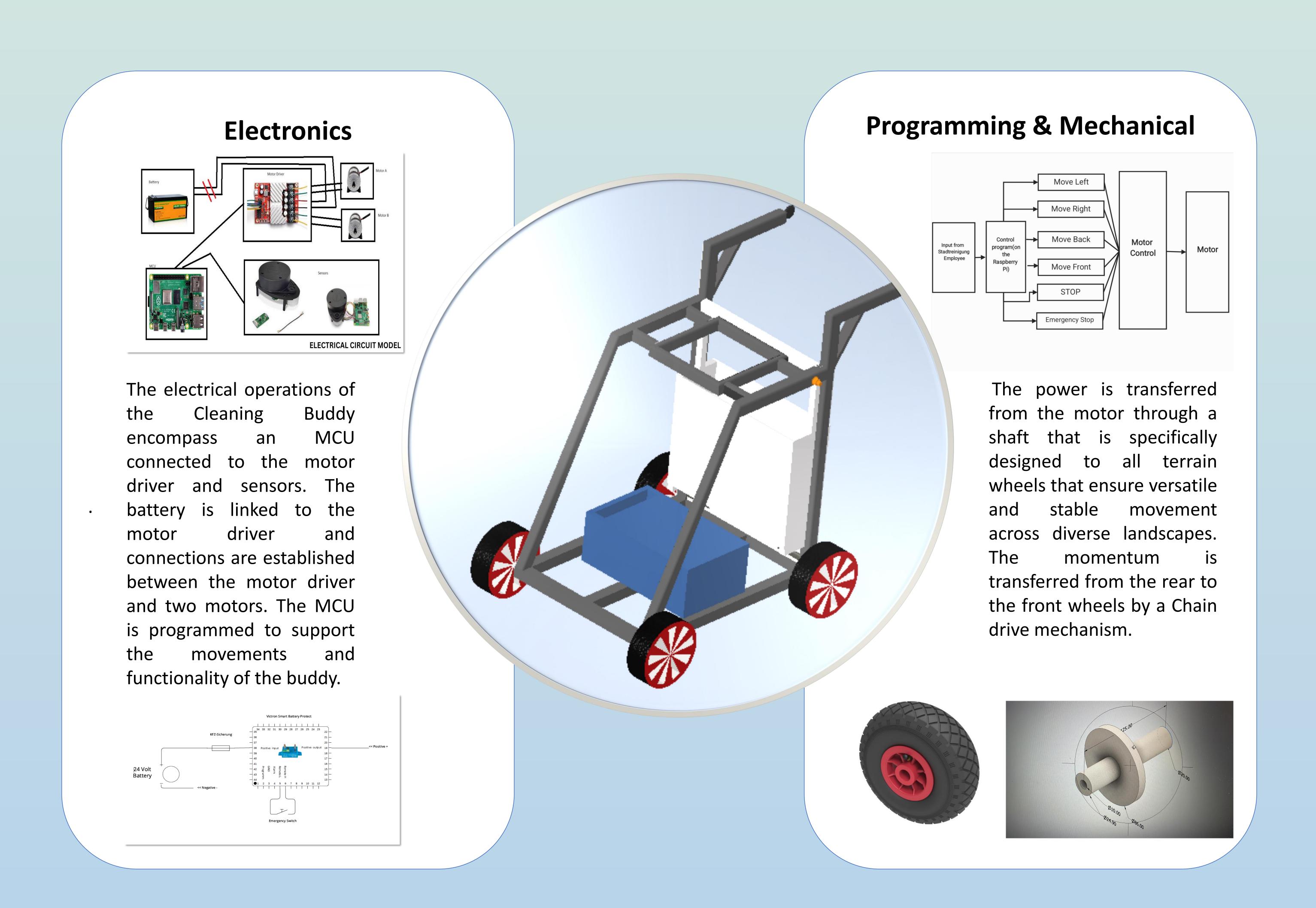


Development of a self driving "Cleaning Buddy" in association with Stadtreinigung Hamburg (Hiicce)

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Objective:

Employees at SRH face challenges in carrying essential cleaning equipment due to limited parking, resulting in frequent trips back to the truck and significant time spent organizing tools. The proposed solution is to develop an automated tool-trolley that follows the employees and carry the required tools to enable the employees to concentrate on their core tasks.



Developments in the Current Phase:

- Preliminary Assembly of components and electrical connections.
- Completion of initial programming

Developments to target in subsequent Phase:

- Incorporating autonomous properties by incorporating RPLidar Sensor and a GPS Module
- Development of Housing of Electronic Components including the battery to the frame
- Aesthetics and Ergonomic Optimization