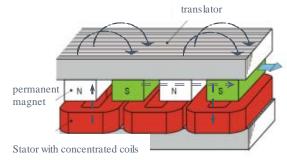


## Linear motor technology

Magnetic flux from permanent magnets



Active principle of linear motor with permanent magnets



MULTI® Permanent Synchronous Linear Motor Ironless Distributed along shaft





## **Innovative Benefits**









Increasing capacity by 50 % and reducing the elevator footprint within a building by half



Scalable transportation

Freedom for architects

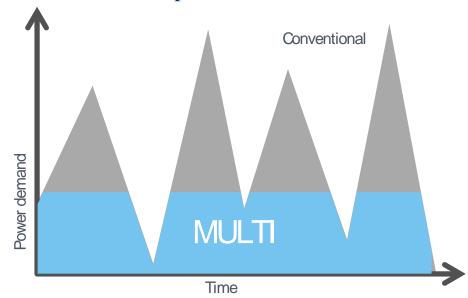


No limit in heights



## Smarter energy usage

- up to 75% reduction in peak power
- Multiple smaller cabins & fewer shafts lead to distributed power demand

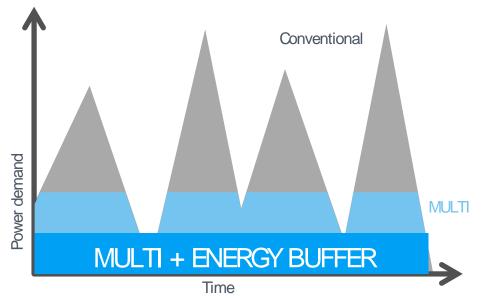






## Smart Building grid – Energy Buffer

- add. 50% reduction in peak power with Buffer
- No power feedback to grid
- Reduce infrastructure cost



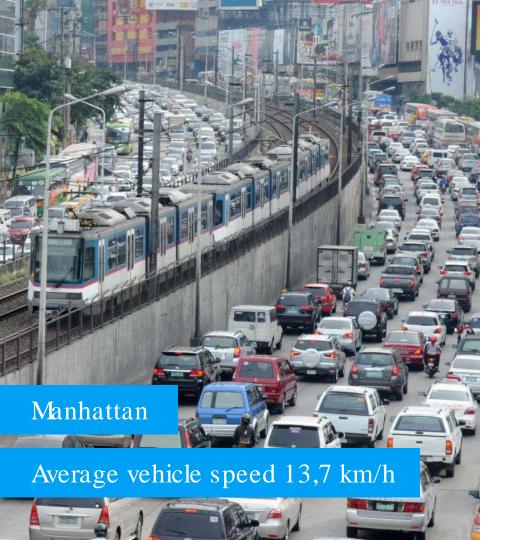


First MULTI project

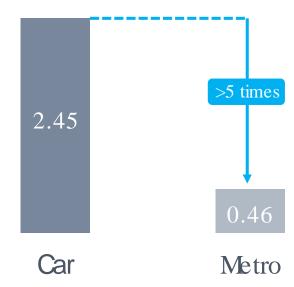
East Side Tower Berlin





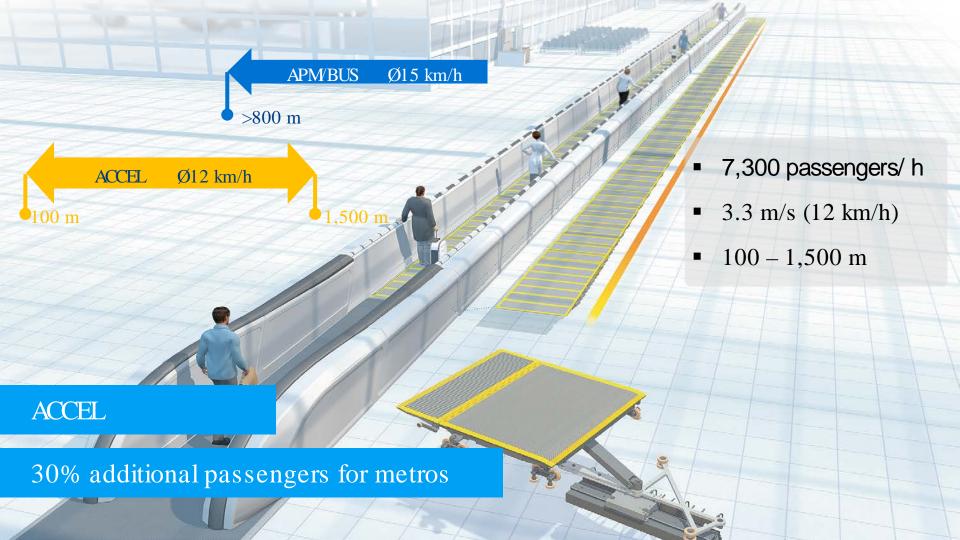


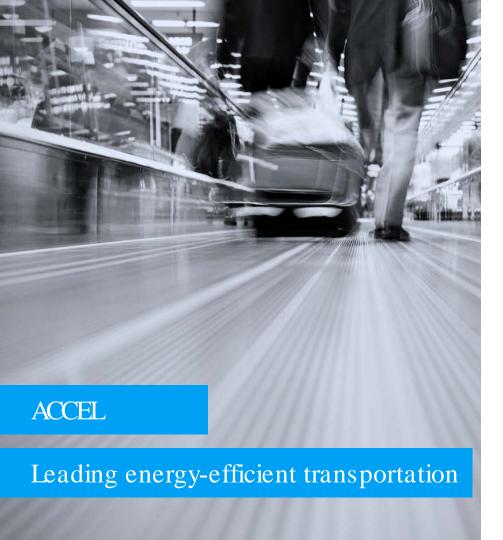
Energy consumption [MJ/passenger-km]











Energy consumption [MJ/passenger-km]

