



Smart Transportation Alliance

2021 Annual Conference
& Innovation Awards

Magnetic Road Electrification

Mauricio Esguerra



Magment GmbH
Raiffeisenallee 12b
82041 Oberhaching
Germany



Magment Americas Inc.
5815 Osceola Rd.
Bethesda MD 20816
USA

25 November 2021

Magnetizable Concretes : a disrupting patented technology making electrical vehicles charging a reality

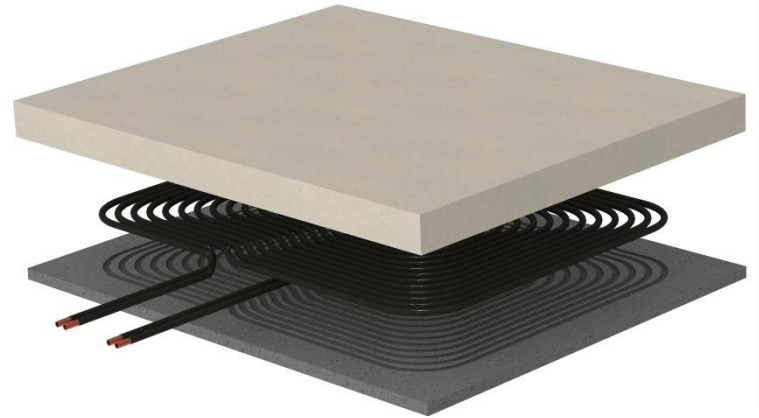
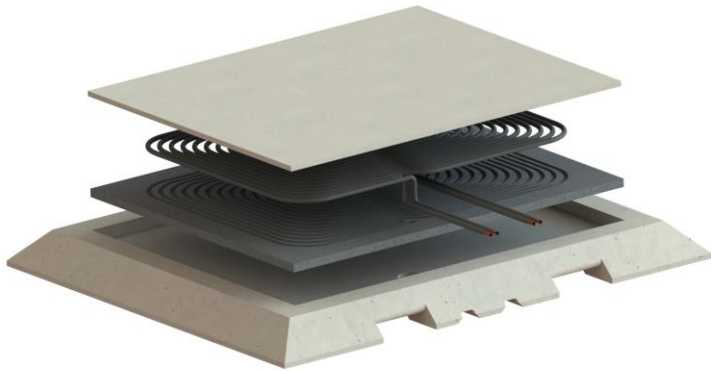
- No dependency on batteries
- Lighter batteries
- No idle time due to charging
- Optimal safety
- Highly cost efficient
- Recycled aggregates (e-waste)
- Low CO₂ footprint
- Enabling decarbonization





Smart Transportation Alliance

MagPad : concrete charging module





Smart Transportation Alliance

MagDock: docking station for micromobility



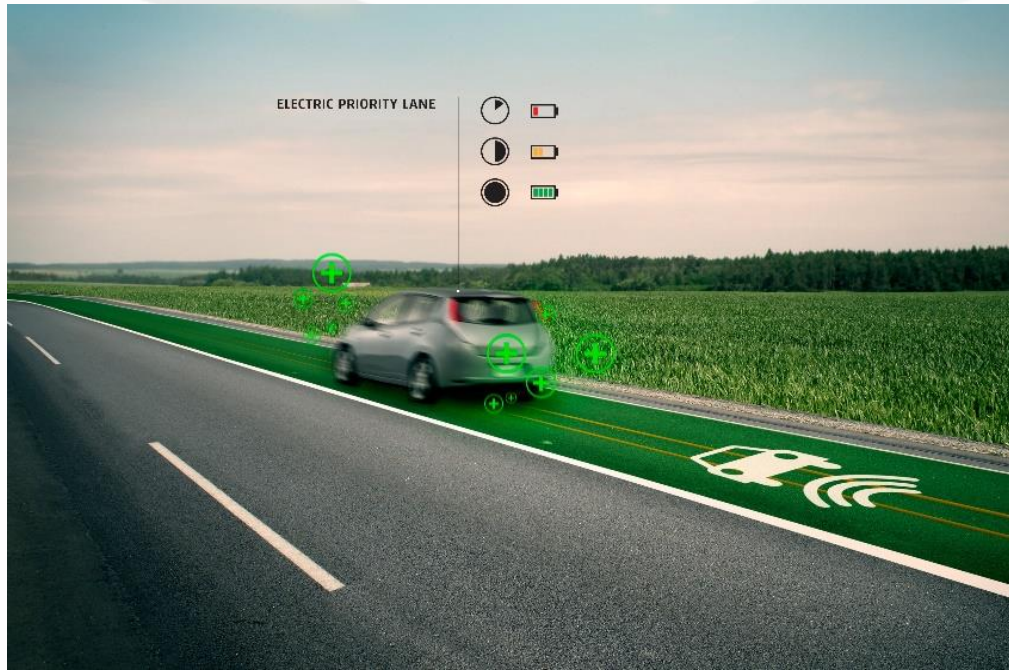


Smart Transportation Alliance

MagTrack: dynamic charging floor for intralogistics



- **MagRoad:** dynamic charging roadway



Charging track



Driving track



Charging track



Smart Transportation Alliance

**THANK YOU
FOR YOUR
ATTENTION**

Tribes European Quarter
Avenue Marnix 17
1000 Brussels (Belgium)
Tel: + 32 2 808 60 50

Email: info@smart-transportation.org

www.smart-transportation.org