ElectReon presentation
AVERE Webinar, 1/7 2020
Stefan Tongur, Business Development
THE BEST WAY TO REDUCE POLLUTION IN U.S BIG CITIES IS BY SHIFTING TO ELECTRIC MOBILITY
THE MAIN CONSTRAIN IS THE BATTERY

1. Expensive, Heavy, Range limitation, Limited life time, Recycling
2. Charging infrastructure- Complicated, land consuming, visual impact
3. Long charging time
4. Heavy on electricity infrastructure

Weight 5 ton Battery
ELECTRIFYING MOBILITY IN BIG CITIES - POTENTIAL CHAOS

• Millions of commercial and private vehicles with huge batteries
• Setting individual charging infrastructure for each fleet operators doesn’t make sense
• No real estate available for charging infrastructure
• The city can’t have additional visual hazards
ElectReon is a global leader in developing and implementing Wireless charging while driving— a shared platform for all types of vehicles.

THE FUTURE IS SMART AND SHARED ERS

WIRELESS ELECTRIC ROAD SYSTEM THE WAY TO 100% ELECTRIC
CONTINUOUS CHARGING
LONGER BATTERY LIFE

NO NEED TO STOP FOR
CHARGING - SMOOTH,
SIMPLE AND TIME
EFFICIENT OPERATION

MINIMAL BATTERY SIZE AND WEIGHT-
INCREASES ENERGY EFFICIENCY
AND PASSENGER/CARGO CAPACITY

ELECTRone
CHARGING THE WAY FORWARD
Wireless Electric Road System

All components are developed in-house and IP protected
Charging as a service - the best mobility solution for fleets

- No need for Electric fleet operator to finance, build and operate complicated charging infrastructure
- No need for charging infrastructure real estate and zoning issues
- Smaller batteries → lighter vehicles → higher energy efficiency
- Eliminate range anxiety and dependency on battery performances

Fleet operators enjoy huge savings in batteries, infrastructure and operational costs
Governments and cities enjoy new income source and minimal charging related visual impact
THE WORLD'S FIRST PUBLIC WIRELESS ELECTRIC ROAD FOR BUSES AND TRUCKS
DEMO OF CITY APPLICATION
TEL AVIV PILOT COMPLETION Q4 2020
SHUTTLE BETWEEN TEL AVIV UNIVERSITY AND TRAIN STATION
ELECTREON TURNS THE ROAD FROM AN EXPENSE TO AN ASSET FOR ROAD OWNERS AND FLEET OPERATORS BY DEPLOYING SHARED ELECTRIC ROAD PLATFORM FOR COMMERCIAL FLEETS

**Cities**
- Base user - buses
- Additional users - fleets of delivery trucks, shuttles, taxies, municipality service

**Highways/Toll roads/Ports**
- Base users - long haul/drayage trucks
- Additional users - inter city buses, future range extending for passenger EV

**Highways/Toll roads/Ports**
- Shared platform - best solution for electrifying transportation of entire country/region
- Optimal synergy with autonomous transportation
TLV 10Km Route - Based on Israel's energy ministry plan for accelerating infrastructure projects

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<td>Estimated saving (16 years LTV)</td>
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KEY MARKETS

- **Israel**: BRT and fast lane for public transport
- **Sweden**: 30 KM ERS Commercial pilot for long haul implementation on about 3,000KM
- **Germany**: City buses, Long haul trucks and shuttles implementation on about 4,000KM
- **Italy**: Italy is planning to deploy ERS on the A35 toll road
- **California**: Acceleration plan for LA and beyond includes $95B for infrastructure
STRATEGIC PARTNERS

GOVERNMENTS AND CITIES
- Funding
- PPP

Owner of the road
- Need to reduce emissions and visual hazards
- Will either fund the project or create PPP model

USERS - FLEET OPERATORS
- Fright
- Private
- Bus
- Autonomous Shuttle

Need to meet emission requirements
- Save batteries and operation costs

ELECTRICITY GRID OPERATORS
- New business model
- Finance the grid and charge for electricity
- Smooth and time saving operation
- Pay for the use of the system + electricity

ROAD CONSTRUCTION COMPANIES
- New business model

OEM
- Electreon ready EV
- Potential new business models
Thank you!
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