1,2 Billion Vehicle Batteries

necessary to transform traffic to electric power*

* 85 kWh traction batteries for passenger vehicles
75 % cost, resource, and energy reduction for electric mobility with Nomad

*for traction batteries, scenario: 100% transition, 1.2 bn cars
Solution: Nomad ‘Batteries on Wheels’

Ruggedized, safe, secure, cloud managed mobile batteries 85kWh
Easily connectable to the grid and all electric vehicles
Range Extension

Long distance traveling – over 500 km extended range

Highway Rental Service – unlimited range
Mobile Fast Chargers

Fast charge everywhere – no infrastructure, 16 A outlet sufficient

Charge while driving, within 20 minutes
PV Energy Storage

Smart Home functionality

Grid independence and stabilisation
Status

- Prototypes proved successful with first customers (BMW)
- Patents for innovative battery system
- Series production maturity budget: 2m EUR grant of EU Horizon 2020 SME Instrument
- Development Center in Stuttgart, Germany and offices in Darmstadt, Germany and Palo Alto, California
Nomadic Power Team

HESSE / GERMANY

ebuggy – A Global Solution for Long-Distance Electric Mobility

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ebuggy GmbH
Next Steps

- Design product for mass production and perform field tests
- Validate product with car manufacturers (OEM)
- Establish production facility
- Next round financing: 5 m EUR
Here we are now
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Future Vision