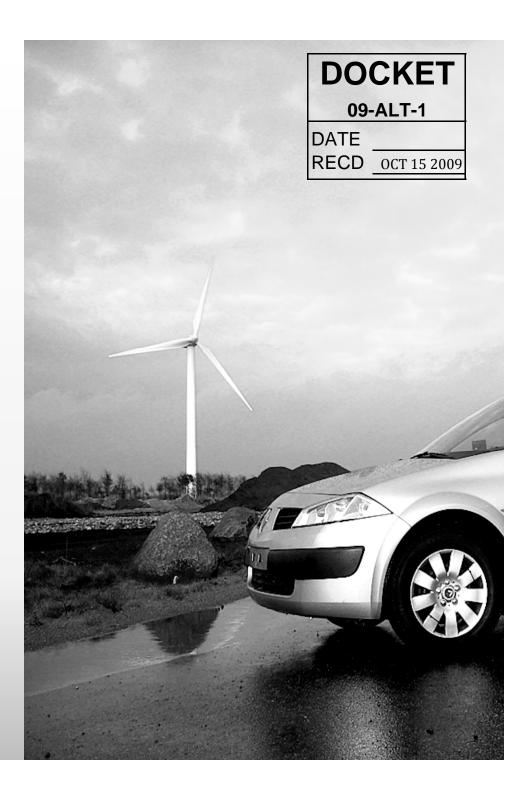
better place

# Accelerating the transition to electric vehicles

Sven Thesen October, 2009







the premier global provider of electric vehicle services, accelerating the transition to sustainable transportation.

# We...

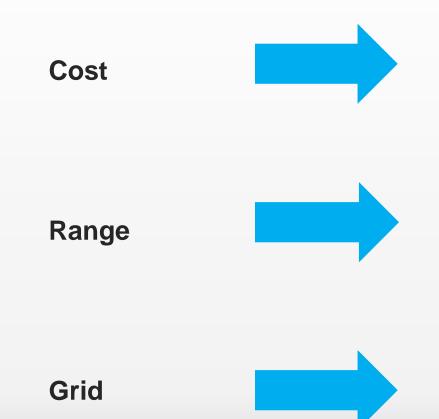
- deliver basic and value-added services to drivers to enable confident adoption and driving of electric vehicles
- build and operate the infrastructure and systems to optimize energy access and use
- work with ecosystem players to enable a compelling solution to make our communities and our planet cleaner, healthier, safer and sustainable



### **Breaking Down the Historic Barriers**



### **Barriers**



## **Solutions**

EV services model *significantly reduces* upfront purchase cost and ownership risks

Charge spots and switch stations together provide unlimited range

EV services provider avoids adverse grid impacts and enables grid stability and renewable energy utilization

# Better Place & Renault commit to 100,000 EVs with switchable batteries at Frankfurt Motor Show, Sept 09





# Better Place is deploying the world's largest EV charging network in Israel -- currently 900 charge points installed









# Better Place will demonstrate EV charging network at COP 15, Denmark





# Better Place demonstrated the battery switch in Japan, May 2009 & Tokyo Taxi Project, 1Q10







# Better Place showcased its EV services solution at Frankfurt Motor Show, September 2009







#### Better Place EVSE: Technology & Cost

Standard with added communication and metering; major differentiator no keyboard or screen, operated by Smart Card, phone, web

Installation Cost: Snowflake

Capital Cost: <\$2k

Better Place Comprehensive Solution:

EV aggregation, charging orchestration and customer service drives costs down for the user and...

Enables DR, distribution grid protection, wind/ renewables "harvesting" ancillary services, etc for utilities/ ISO's



## Better Place, Infrastructure & AB118 Funding

Funding Needed in CA: We are disadvantaged by our own existing policies versus countries and regions with pro-EV policies

Fund infrastructure to comprehensively solve our petroleum addiction; Better Place is focused on II and Battery Switching

Vehicles are Coming: OEMs have made clear statements about vehicle deployment, *increase the EVSE pool from the 2008-2009 level.* 

Encourage competitive markets in which investment and entrepreneurship are called on to solve the barriers of EV mass market adoption