NASEO Transportation Committee – Nov 2013









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Schneider Electric Overview

32

billion \$ sales in 2012

37

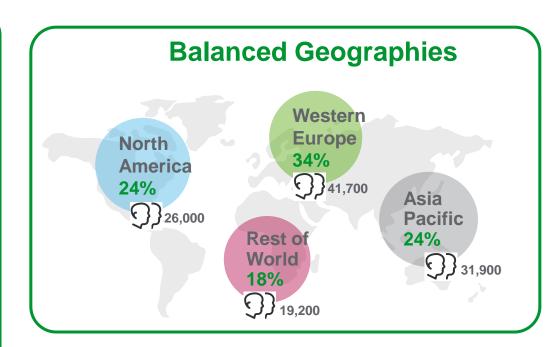
% of sales in new economies

140000 +

people in 100+ countries

5% of sales devoted to R&D

Listed on the Paris Stock Market – CAC40



Schneider Electric Brands











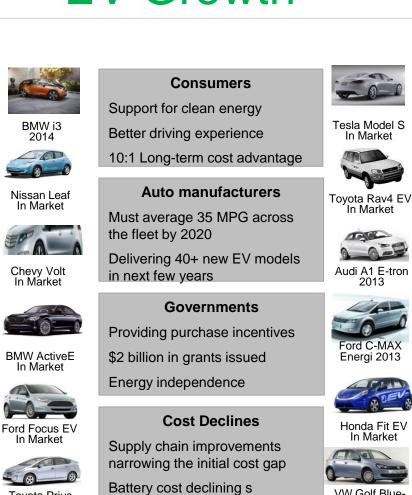


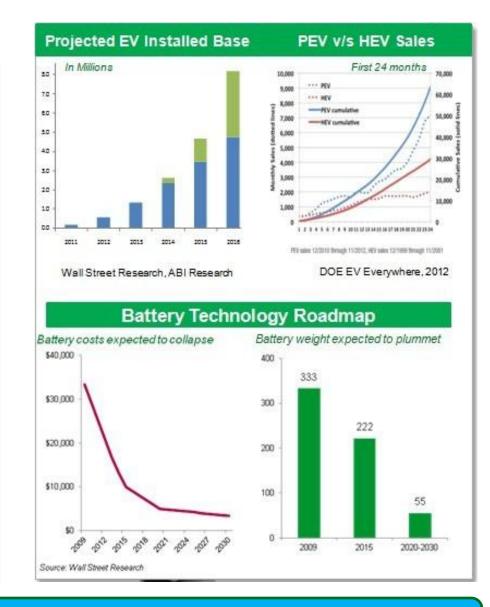






EV Growth





Exponential EV Growth

Toyota Prius plug-in hybrid

In Market

2010 :Thousands 2011:Tens of Thousands 2014:Hundreds of Thousands 2017:Millions 2025:Tens of Millions

VW Golf Blue-

e-motion

2014

NAM EV Charging Market Segments

Residential – Indoor "Resi"

Single family homes

- dedicated garage

Retail/e-tail

and Auto OEMs/Dealers lead



Private – Outdoor "Commercial"

Private defined as those not available to the general public where parking is restricted to authorized members or customers.

Workplace

Employee lots



Private

- Hotels/Resorts
- Multi-family apartment and condominium buildings
- Car sharing services
- Stadiums, private destination centers

Public – Outdoor "Commercial"

- Retailers (malls, chain stores, restaurants, grocery/drug stores)
- Municipal and office buildings
- Parking garages/lots
- Curbside (w parking meters)
- Metro "Park and Ride" lots
- Convenience stores
- Destinations/museums
- Car dealerships



Fleets

This segment includes various charging stations for light duty passenger cars, medium duty and heavy duty trucks. Examples include corporate fleets, car rental, municipal, delivery vehicles, taxis, utilities etc.



EVlink Completed projects



California Energy Commission – San Mateo Community College (Aug 2013) 19 charging ports



- Partnership with CEC on EV deployment policy
- Encourage the adoption of EVSEs for the constituencies (faculty, employees, students, administration, visitors)

Caesars Entertainment, Reno, Nevada (May 2013)

16 charging ports



- Drive Sustainability goals & image
- Attracting visitors & differentiation

State of IL – Statewide deployment (Nov 2012) 45 charging ports





EV infrastructure to support EV fleet

Universities – Vanderbilt, Kansas Univ, CSUs 15 charging ports



Drive EV adoption among faculty & students

California Energy Commission – American Red Cross (Aug 2013)

4 charging ports





EV Charging service incentives for donors

City Car Share - Non-Profit (Sept 2013) 8 charging ports



Viability extension study of sub-urban transportation

Policy considerations



Policy considerations to address for greater EV adoption

- 1. Specific rates for transportation
- 2. Exclude EVs from state utility regulation
- 3. Streamline and standardize local permitting processes and codes
- 4. Coordinate planning to optimize a statewide/regional charging station network

Thank you

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