

Pitch @ ENERGY SAXONY SUMMIT 2017

Smart Charge Management for EBV-fleets



Our Goal

EBV-fleets need to be charged, in a way that every driver can use the EBV when needed.

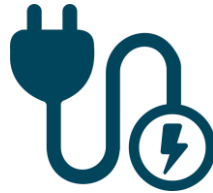
The BEV-Fleet Challenge

Time



30min -13h
for recharging

Power



Limited power
for charging

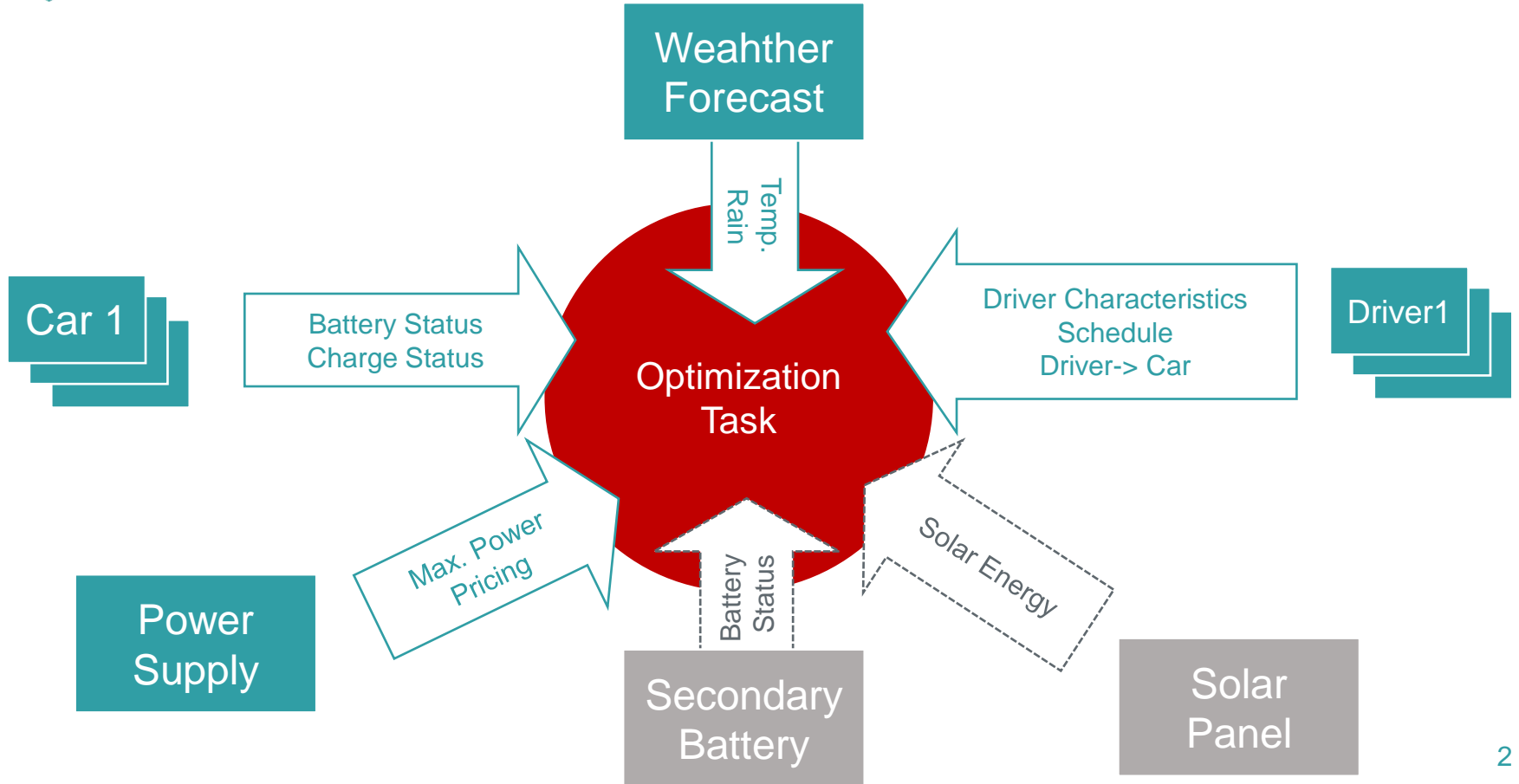
Pricing



Charge when its
cheap

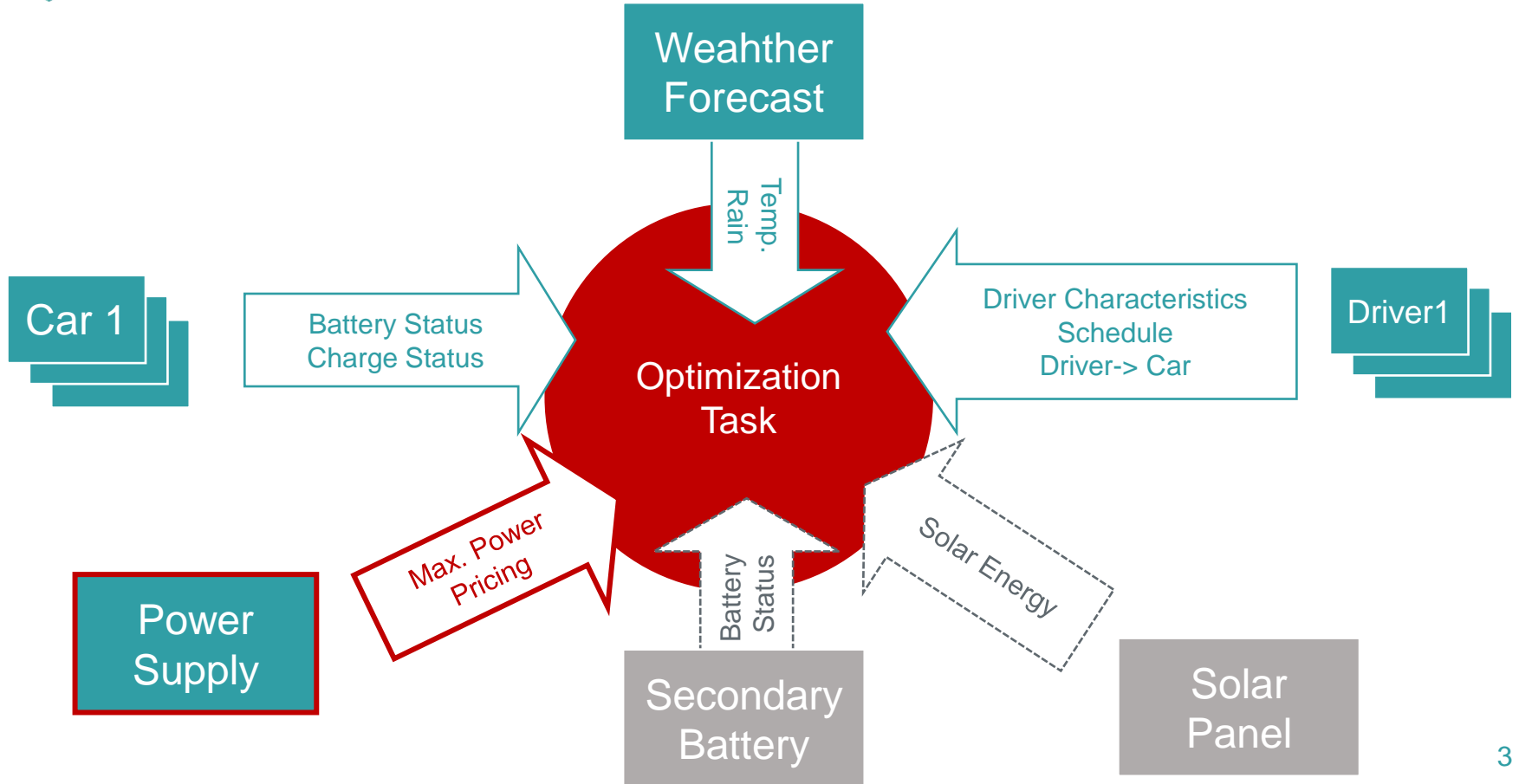


Optimization task





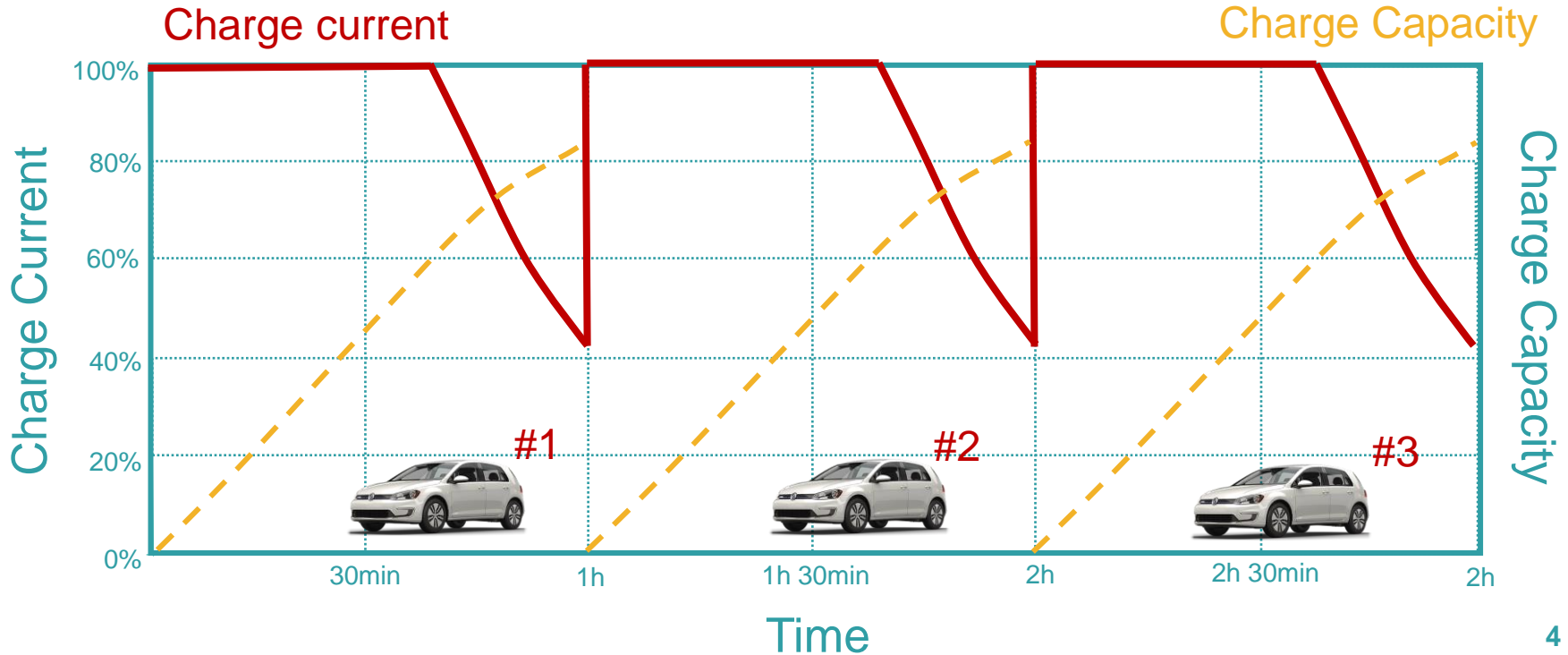
Optimization task





Example of Optimization

Scheduled Charging of Li-IoN Batteries for EBV-Fleets

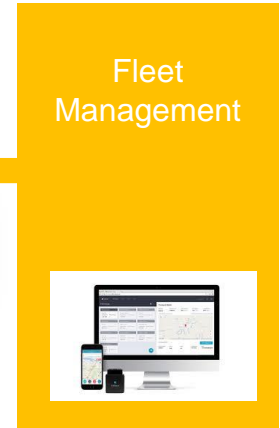
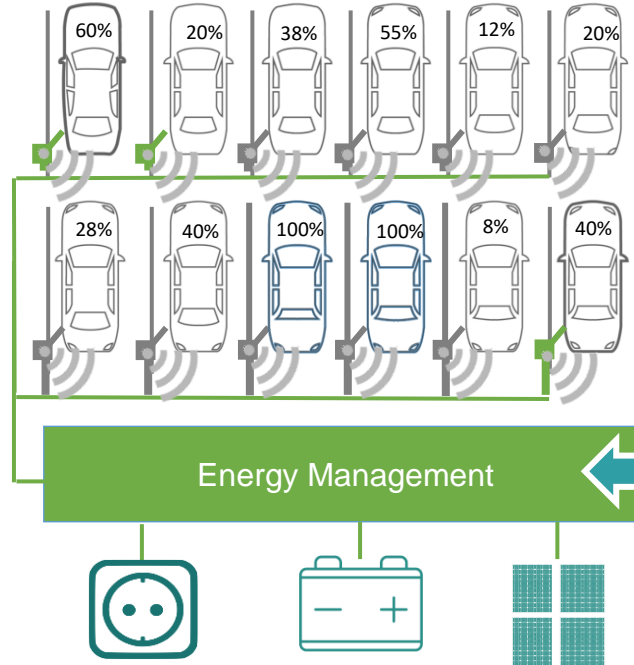




Smart Charge Management

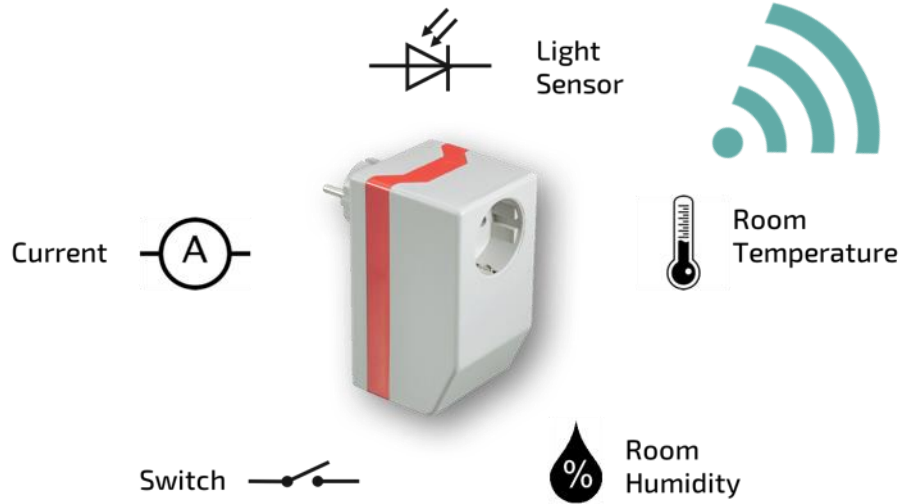


Charging Pool





Smart Plug



Exelonix does Communication & Cloud Infrastructure



Result

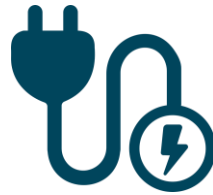
1. Automated and guaranteed charging process
2. Better power management
3. Reduced emission charging (when combined with green Power)

Time



Charged in
time

Power



Power
balanced

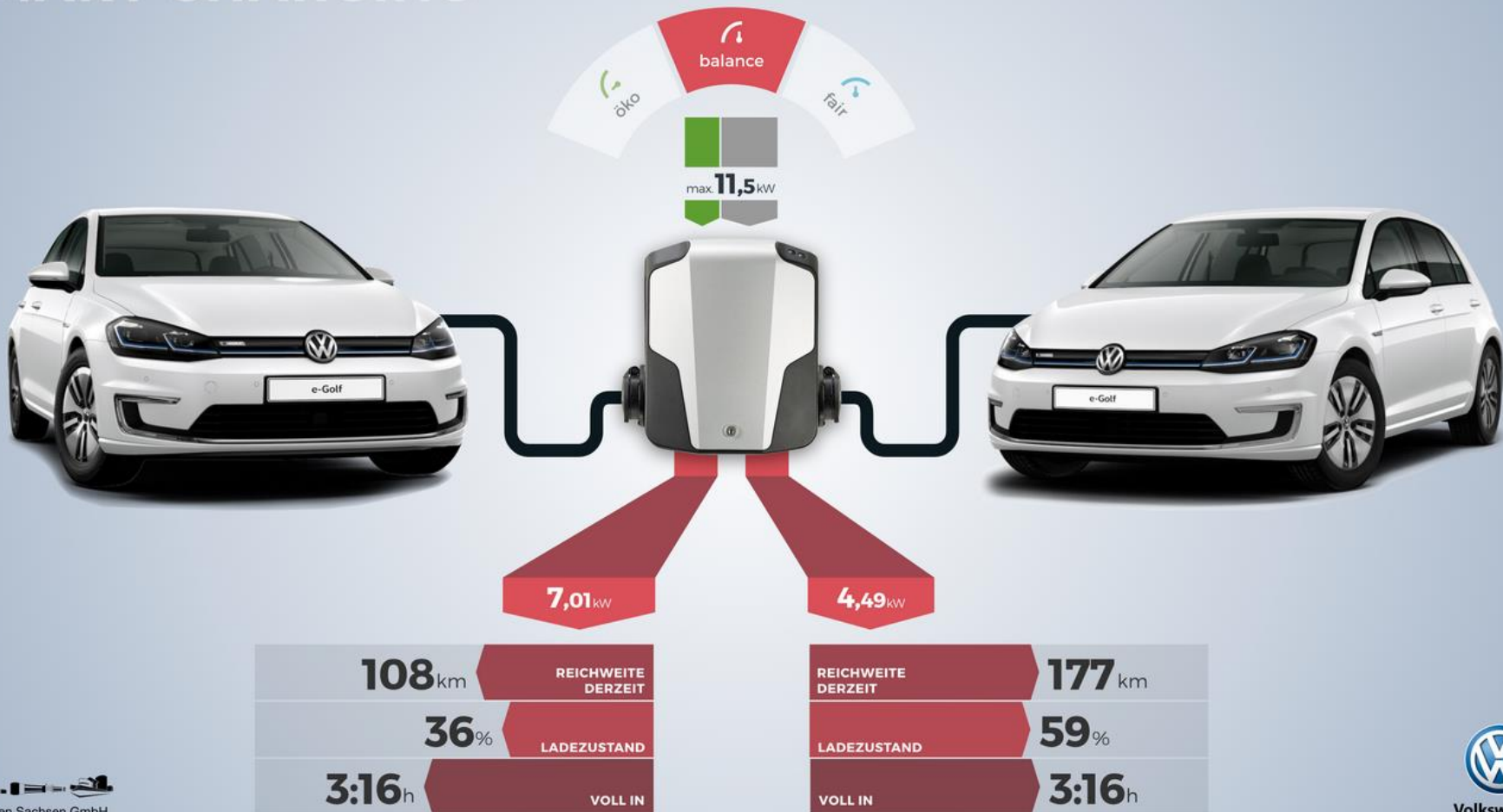
Pricing



Costs
Optimized

Reduced energy costs & handling effort

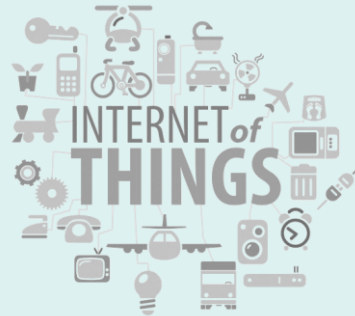
SMART CHARGING





www.exelonix.com

Exelonix Partner



exelonix GmbH

Leipziger Straße 118

D-01127 Dresden

Telefon +49 (0) 351 - 219 71 444

Fax +49 (0) 351 - 219 71 449

E-Mail info@exelonix.com