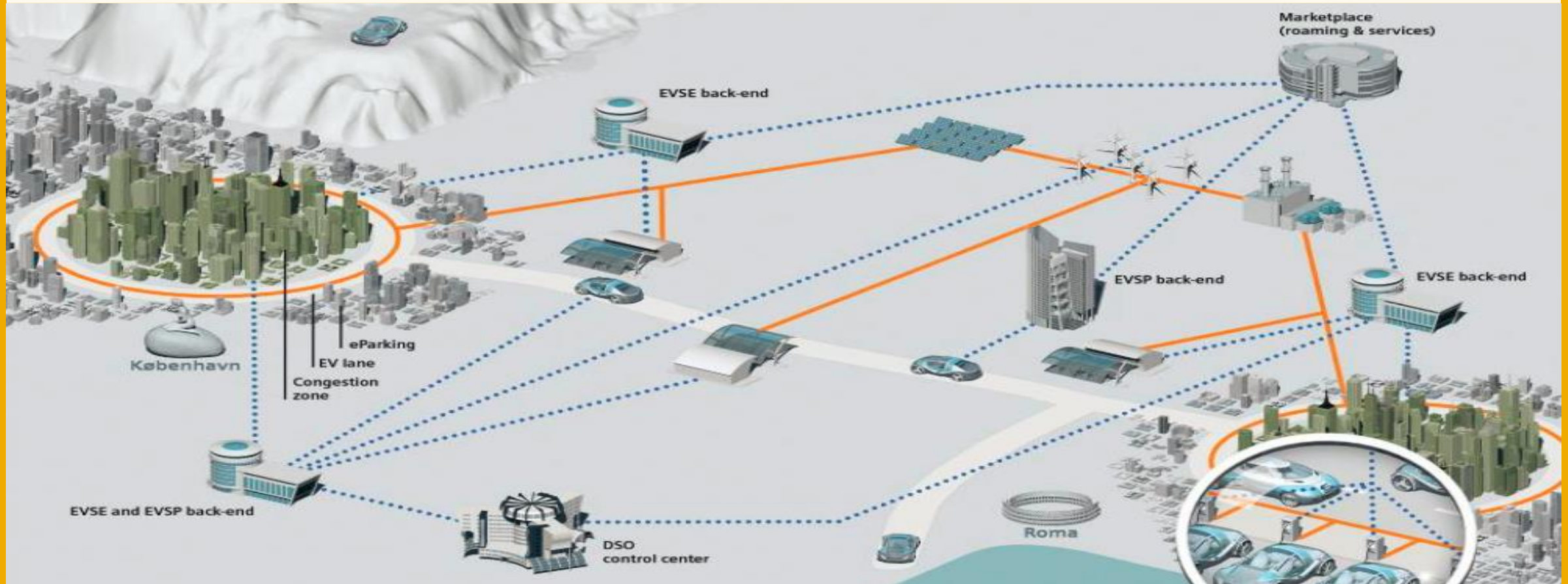


Cloud-Based Market Places for Mobility Services

Workshop 2: Green Cities

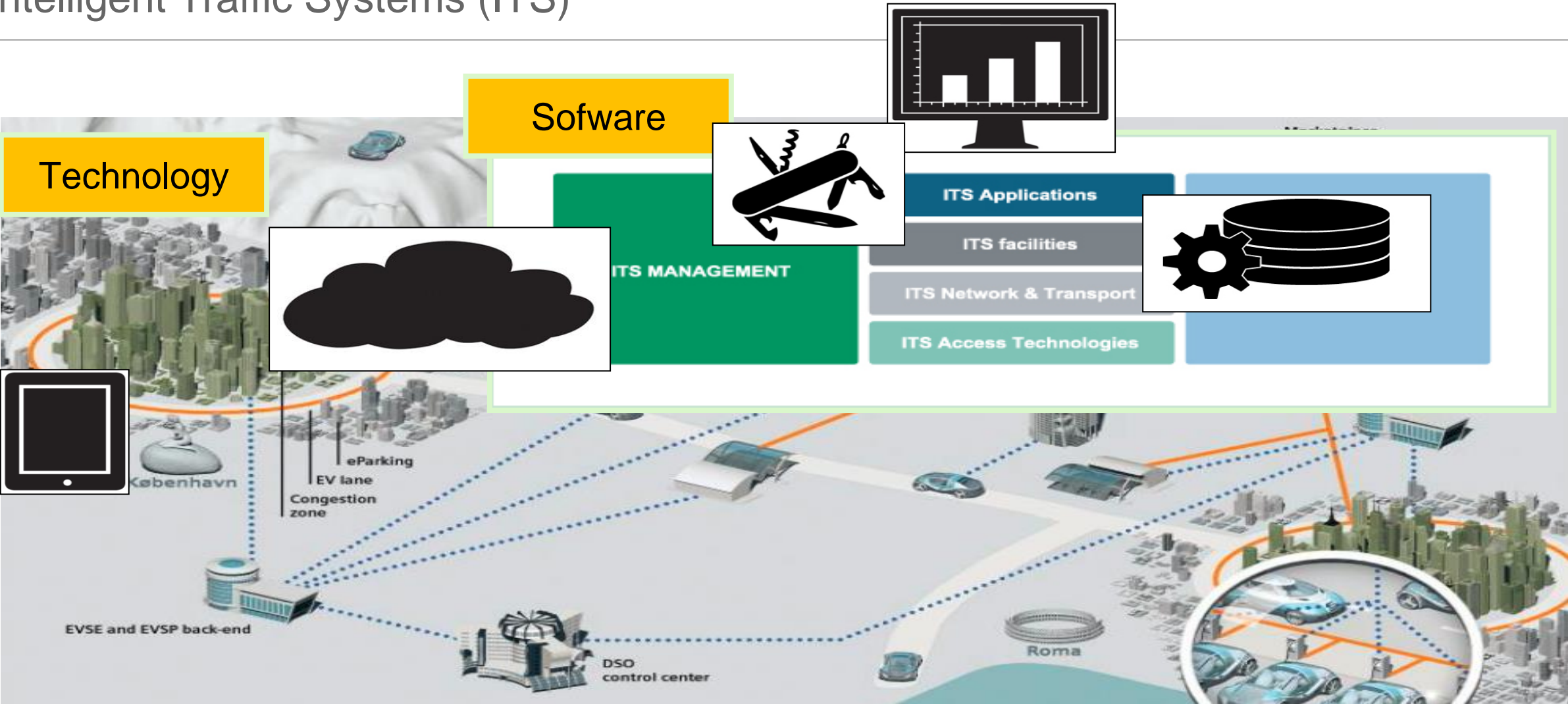
Rainer Uhle, SAP AG

International NoAE-Project-Day for E-Mobility, Aachen 12. Juni 2013



What's in it for SAP?

Intelligent Traffic Systems (ITS)



Some Background Information



Mobility Services Apps

My Mobility Services Apps



Reservation



Using EV



Route Planning



Charging Station



Car Parks



Driving Condition



Fault Report



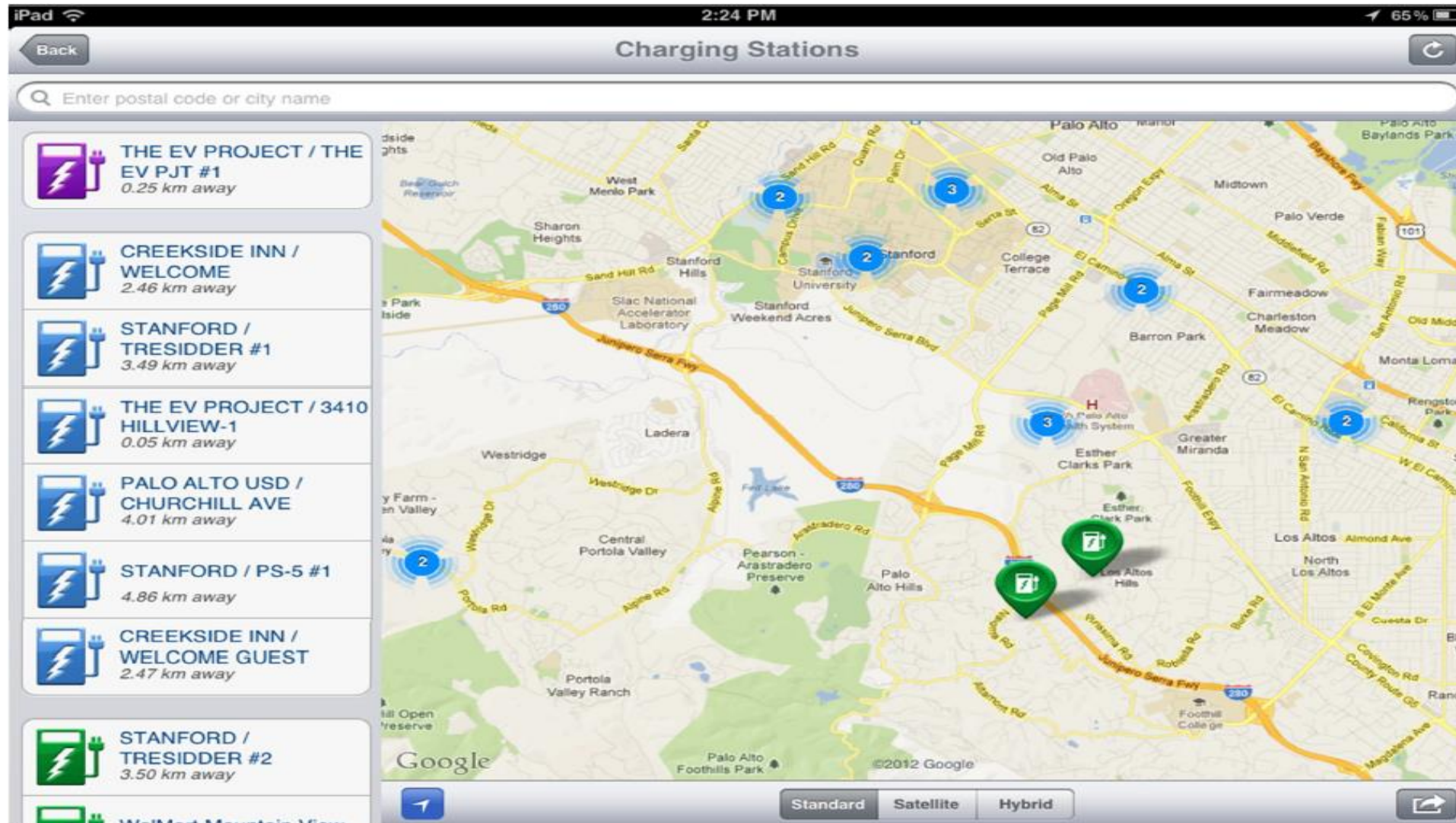
Leaderboard



Analytics

[<more>](#)

Real-Time System Proposal for My Trip According to My Needs





Charge Spot Management - Details und Reservation Options

iPad 2:20 PM 66%

Charging Stations

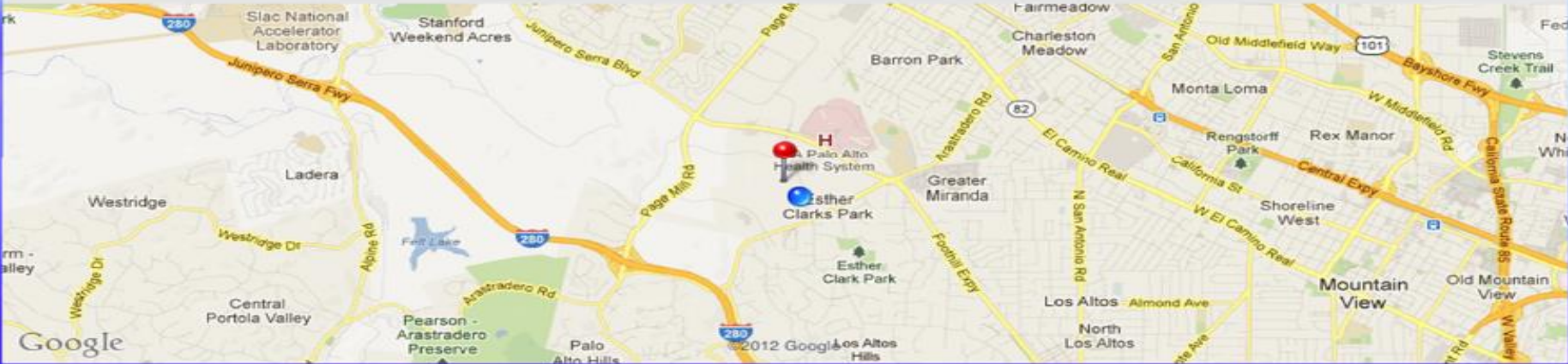
Charge Station Details



Name	THE EV PROJECT / 3410 HILLVIEW-1
Address	3410 Hillview Ave, 94304, Palo Alto, California, United States 
Status	InUse
Company	ChargePoint

[Current Reservations](#)


[New Reservation](#)



Charge Spot Management - Reservation Procedure

Charging Stations

Charge Station Details



Name

THE EV PROJECT / 3410 HILLVIEW-1

Address

3410 Hillview Ave, 94304, Palo Alto, California, United States

Status

InUse

Company

ChargePoint

Select Duration

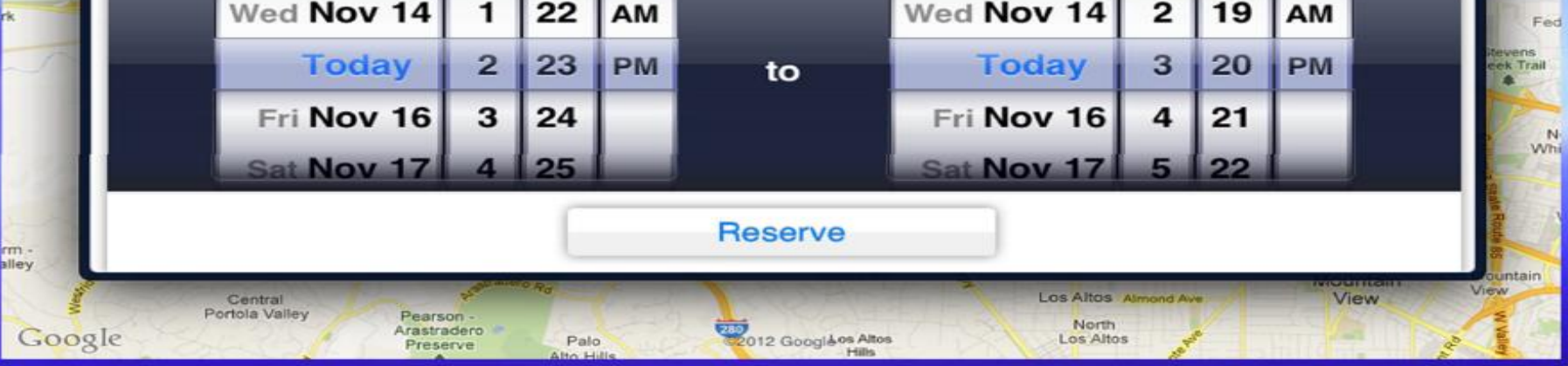
Thursday, Nov 15, 02:23 PM to Thursday, Nov 15, 03:20 PM

Tue Nov 13	12	21	
Wed Nov 14	1	22	AM
Today	2	23	PM
Fri Nov 16	3	24	
Sat Nov 17	4	25	

to

Tue Nov 13	1	18	
Wed Nov 14	2	19	AM
Today	3	20	PM
Fri Nov 16	4	21	
Sat Nov 17	5	22	

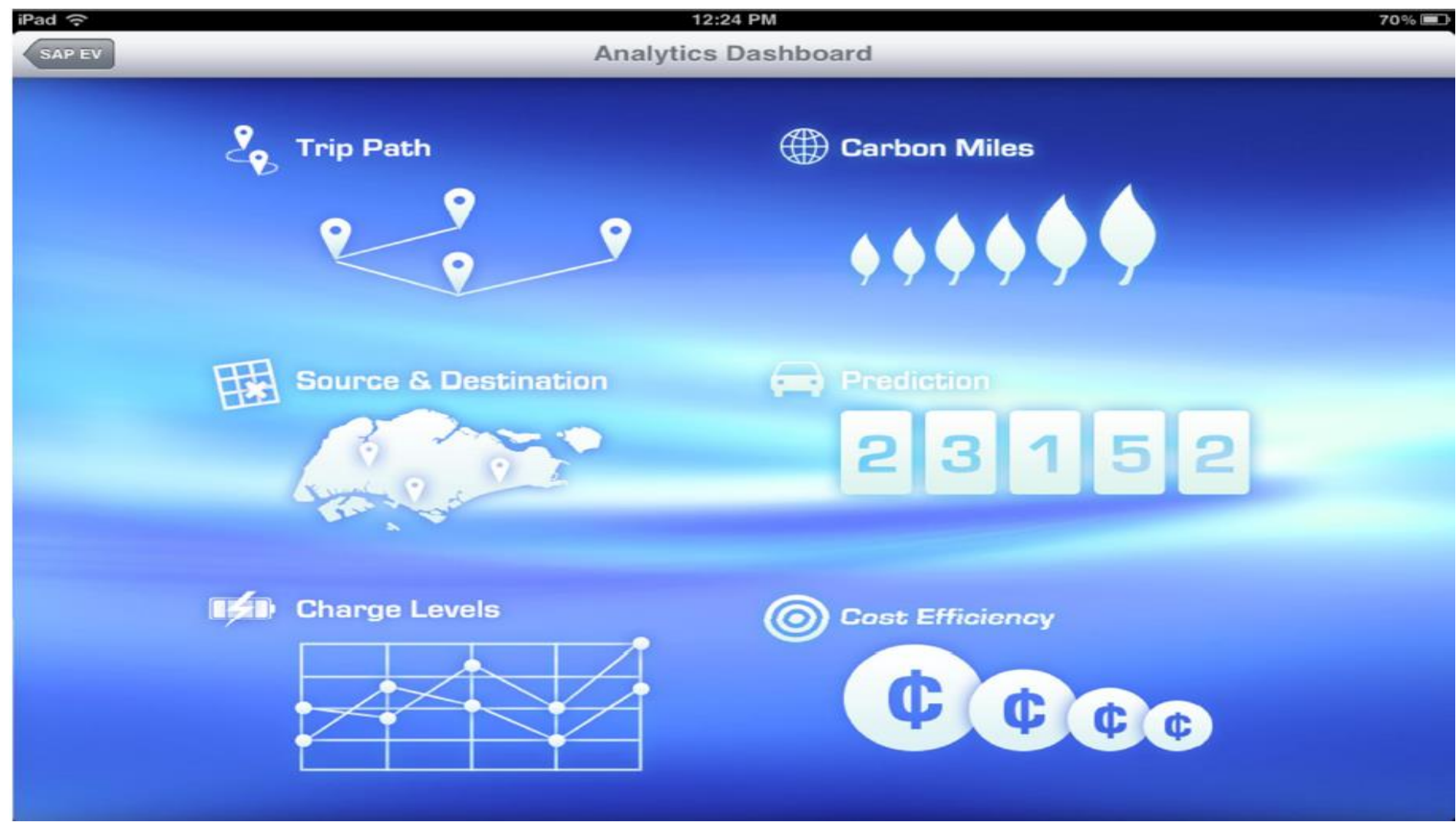
Reserve



Charge Spot Management - Reservation Details



Analytics Dashboard



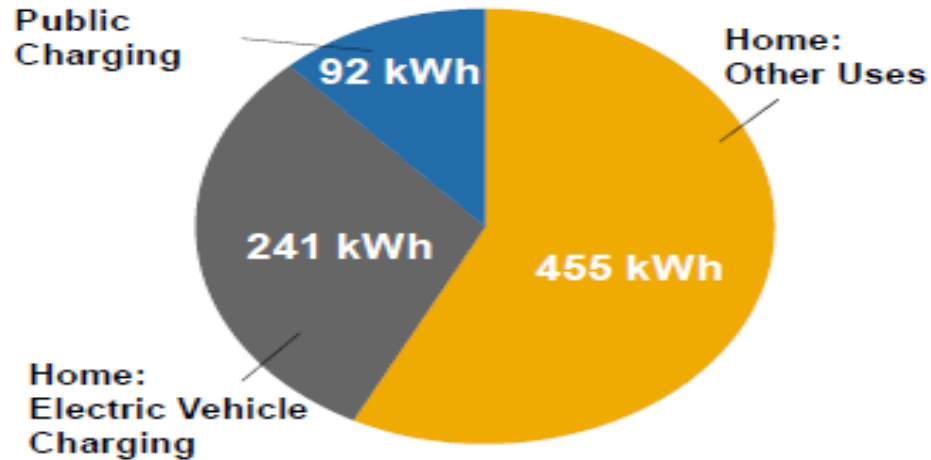
Billing Example for Electrical Energy Consumption

Mr. Michael Smith
37 Main St.
Redwood City, CA 94062

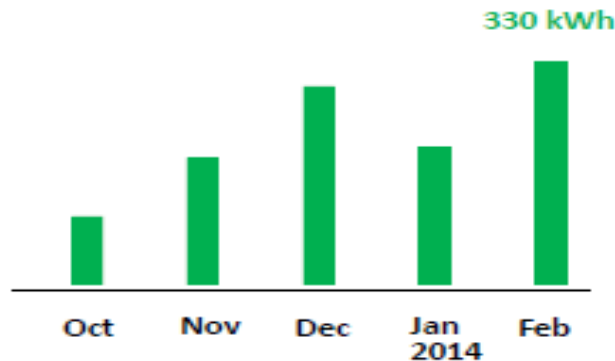
Billing Period: 02-01-2014 – 02-28-2014

Electricity for Vehicle Use: **332.39 kWh**
Cost of Electricity for Vehicle Use: \$64.79

Monthly Usage by Category

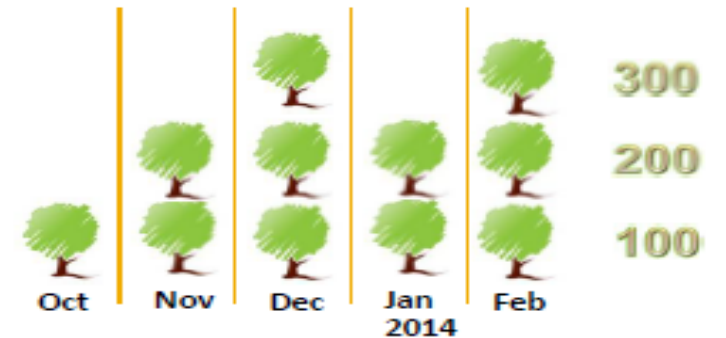


Electricity Used for Vehicles



GHG Emissions Avoided, kg

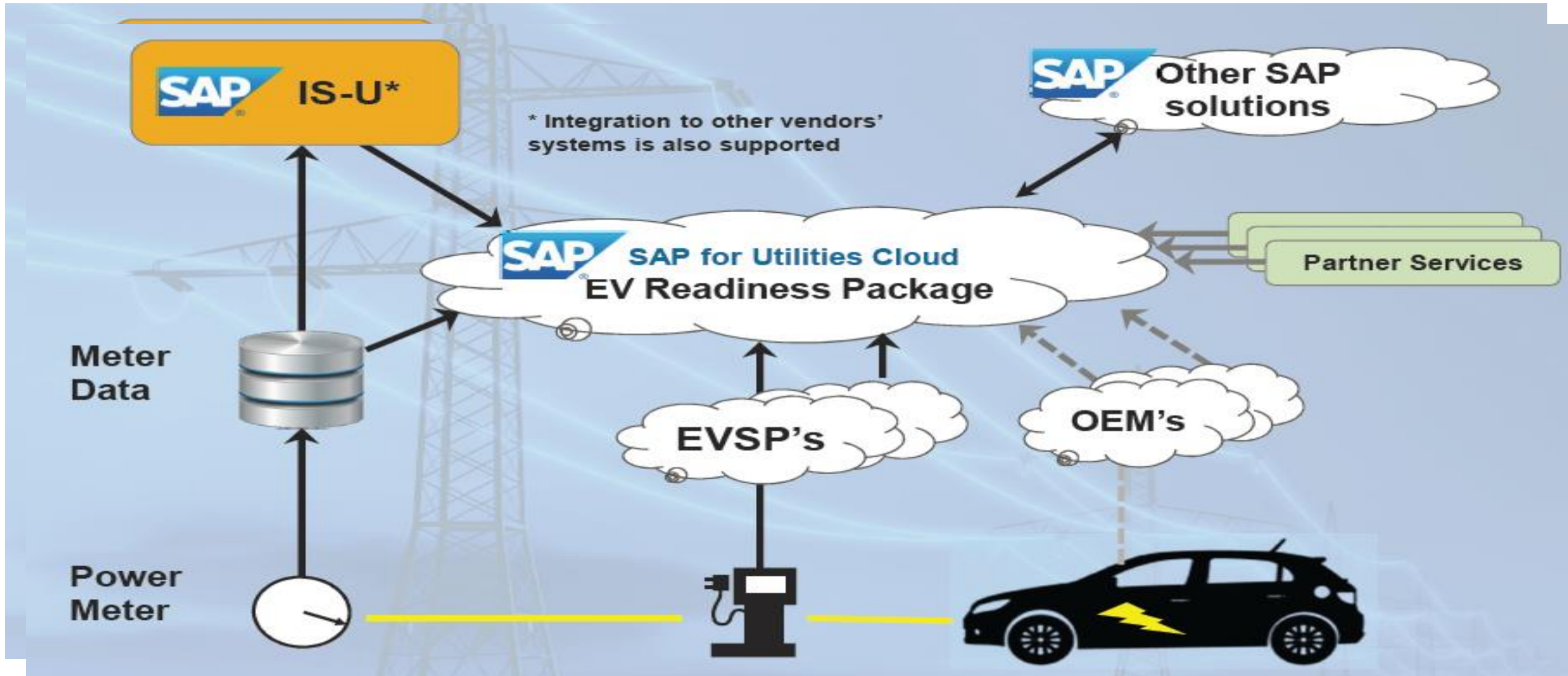
293



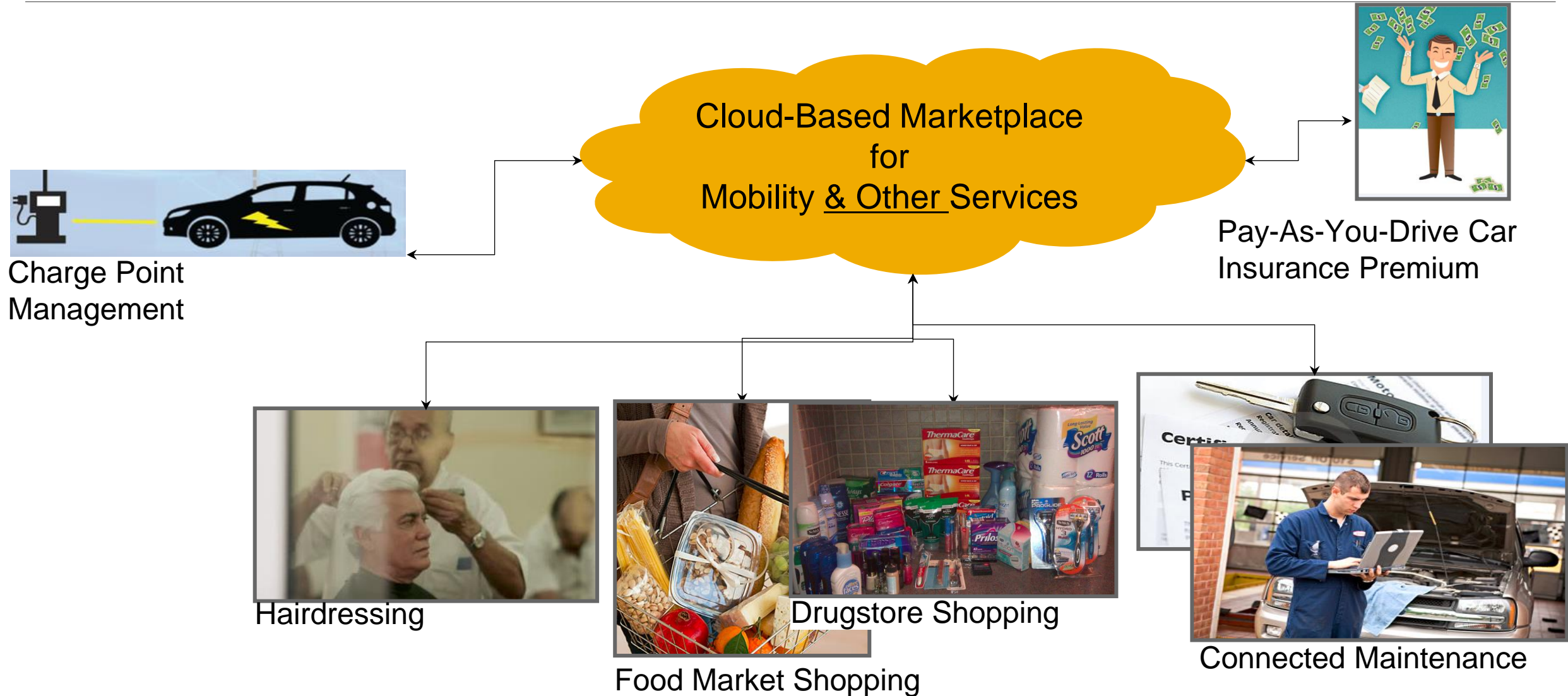
Gallons of gasoline saved in February



Mobility Services Marketplace (MSM) – There is space for more ...



Connected Mobility – Connected Me



Questions to the audience

What kind of services are you providing for a scenario like this?

Product Maturity (Product, Prototype, Concept, Idea, Vision)

Client or Platform-Based, Migration Options

Compliance, Certification, Industry

Costs, License Model (User-, Volumebased)

Questions of ownership (Data, Data Analysis, Information Trading)

...

What do you think with regard to:

Technical Implementation

Public Regulations, Legal Aspects and Prerequisites

Security, Ownership of the data, Privacy

Role of Government and Public Authorities

...