



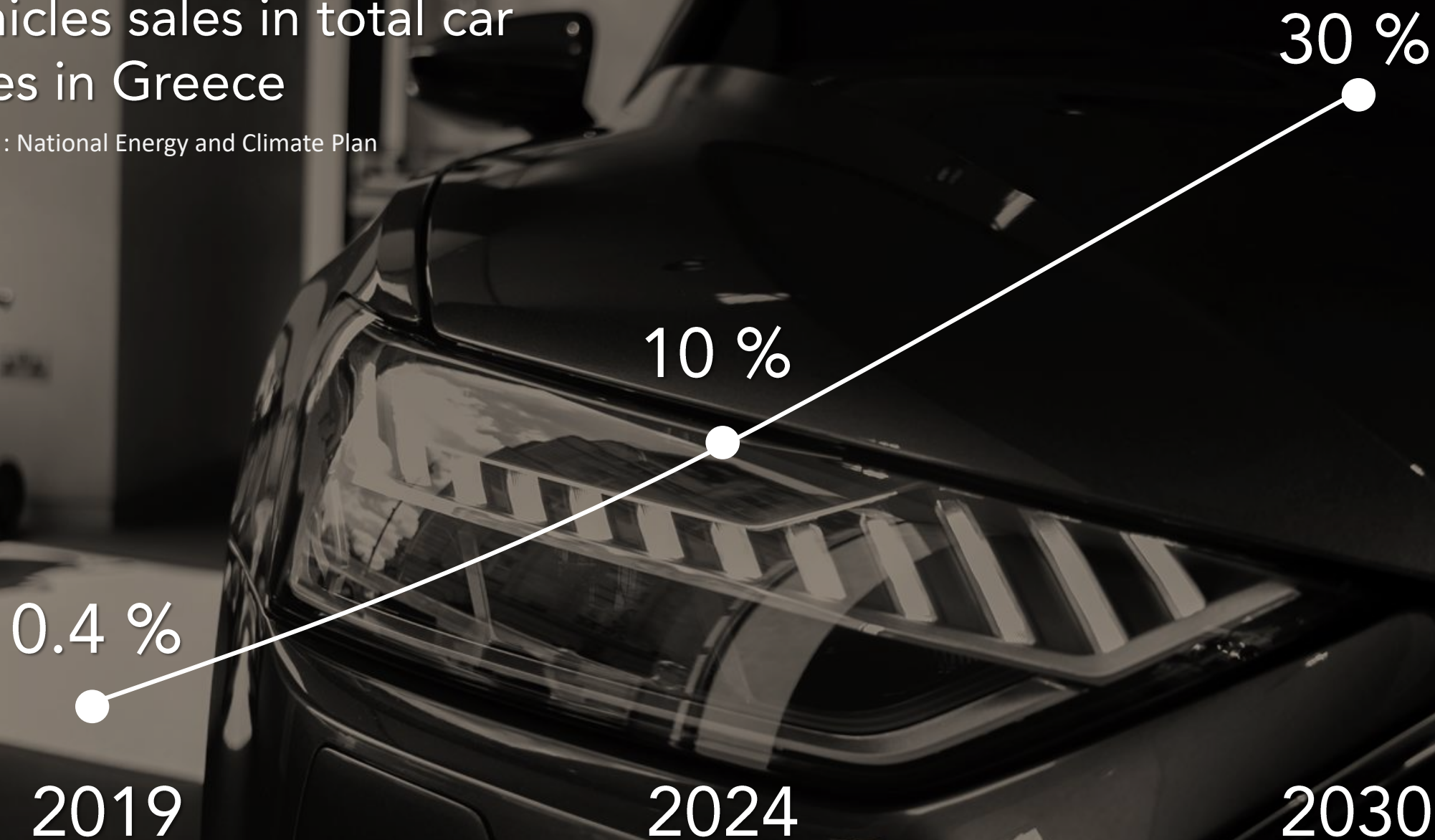
Smart Electric Vehicle Charging



Christos Stefanatos
Parityplatform.com

Percentage of Electric vehicles sales in total car sales in Greece

Source : National Energy and Climate Plan



Where will I charge?



Home Charging



Destination Charging



On-route Charging

And how I am going to pay?

Charge point management app



Driver's digital Wallets



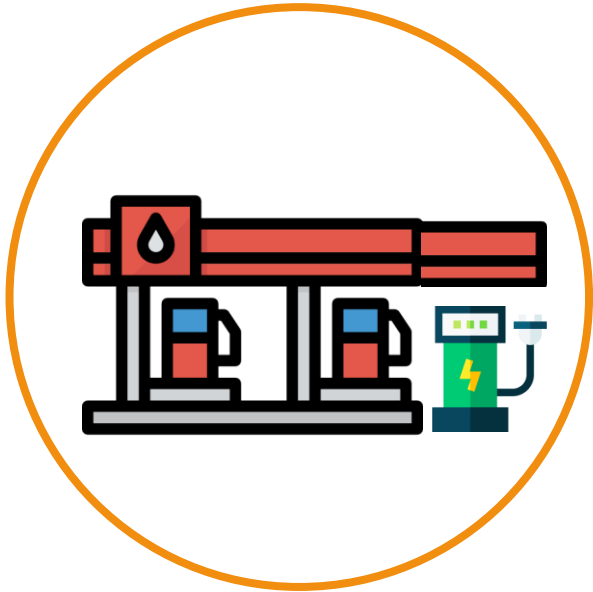
OCCPP



Open Charge Point Protocol



CUSTOMERS



Gas station owners

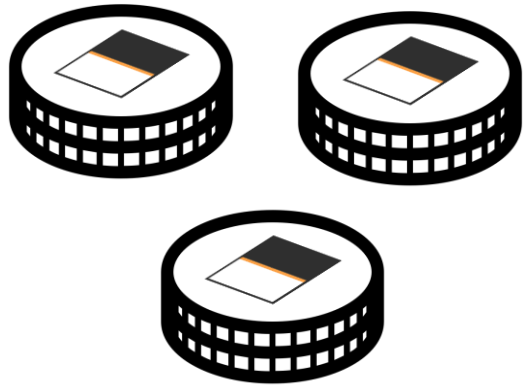


Corporates



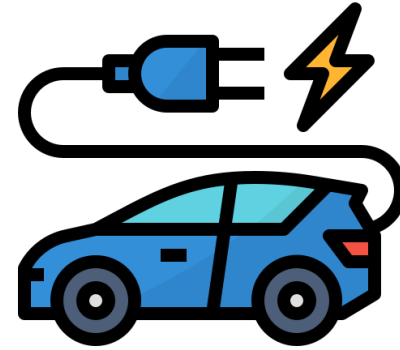
Retail Shop owners

With a universal transaction system I can charge anywhere!



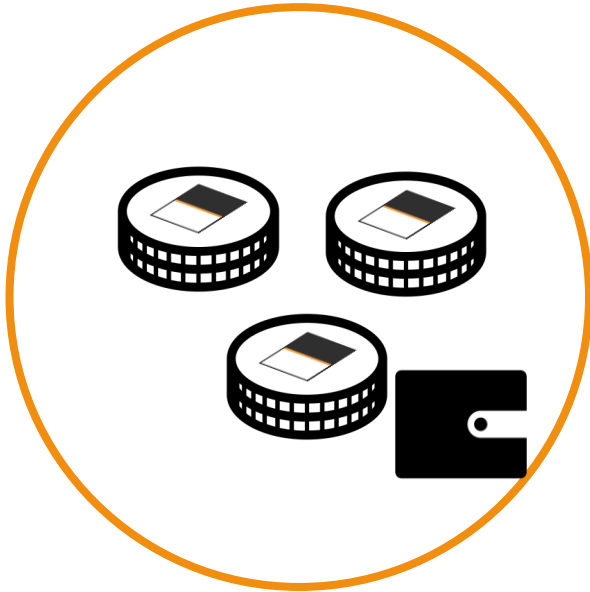
3 PARITY credits

=



3 kWh of charging on any
station using PARITY
transaction software

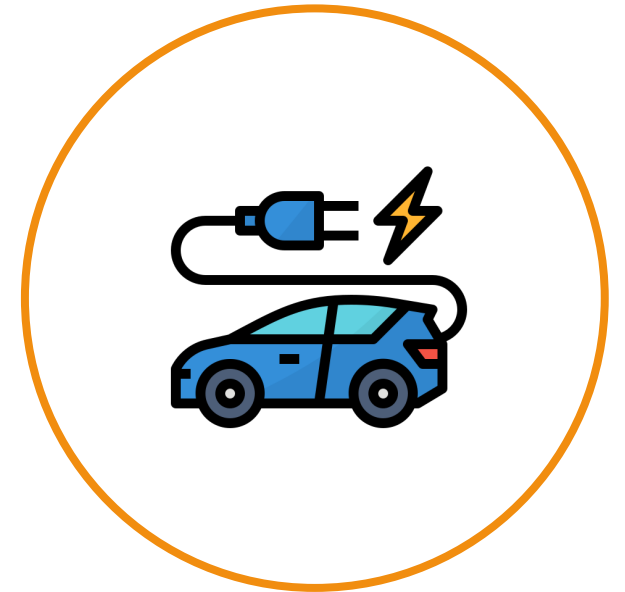
DRIVERS



Purchase Credits
on your app

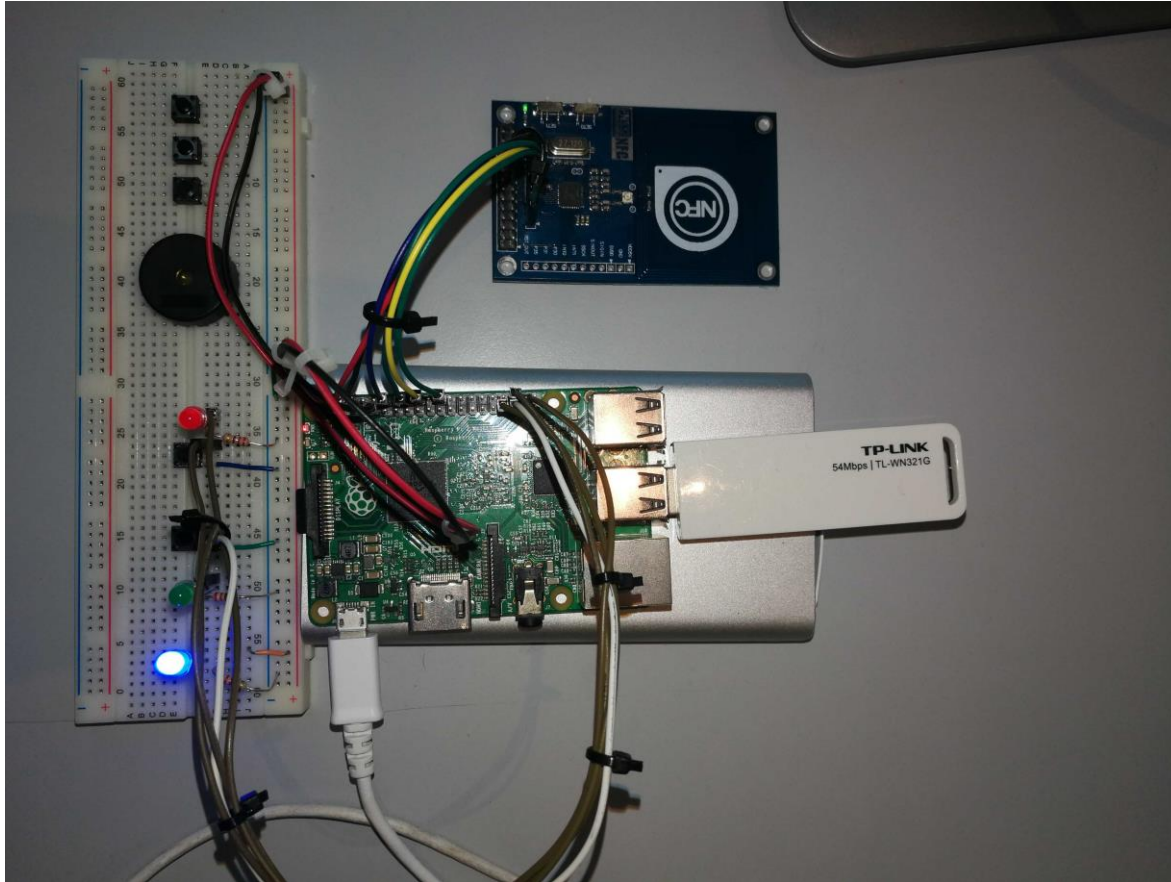


Find Charger and
plug your vehicle



Use credits to
charge

HARDWARE



$$\begin{array}{l} \text{onboarding fee / charger} \\ + \\ \text{commission on} \\ \text{transactions} \end{array} = \begin{array}{l} \text{Revenue for} \\ \text{PARITY} \end{array}$$

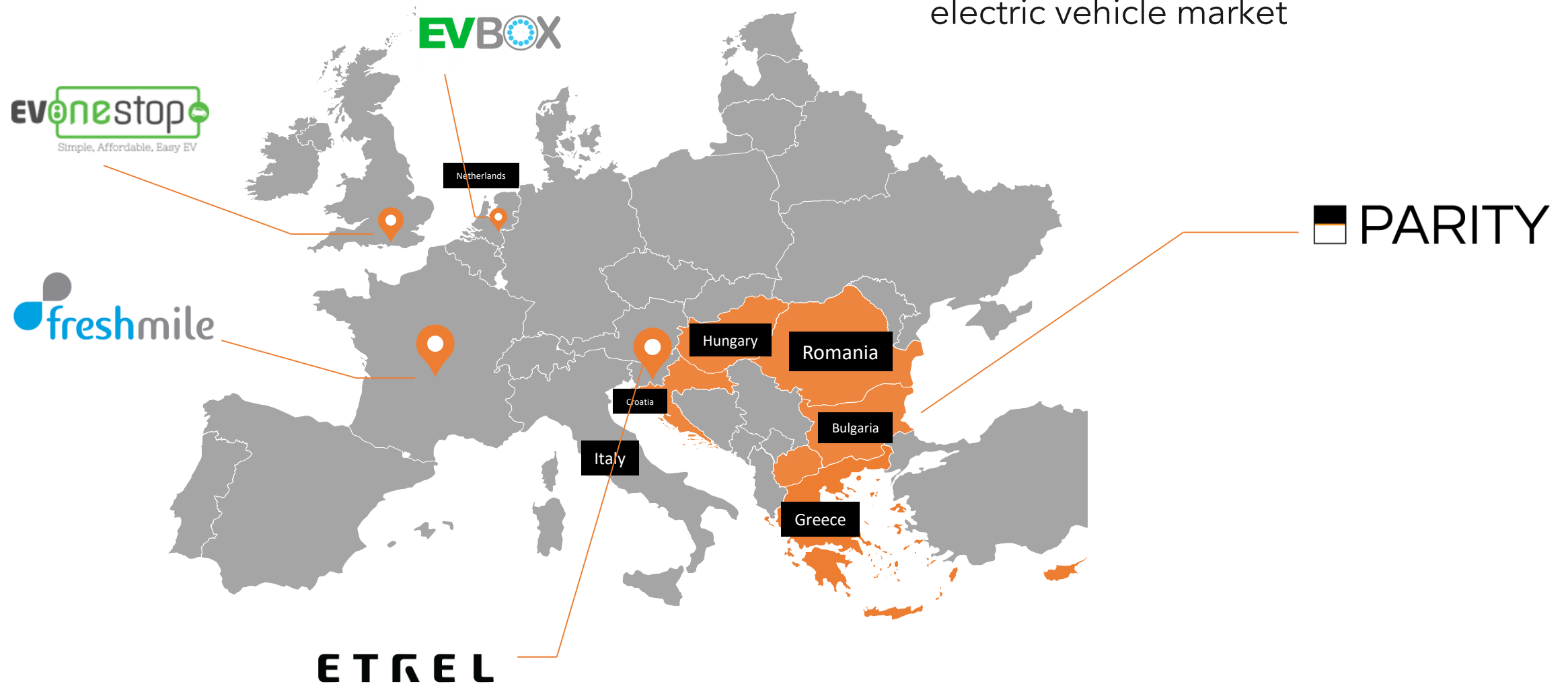
Estimated yearly value of EV charging transactions in Europe

Source : [IEA Global EV Outlook 2019](#)

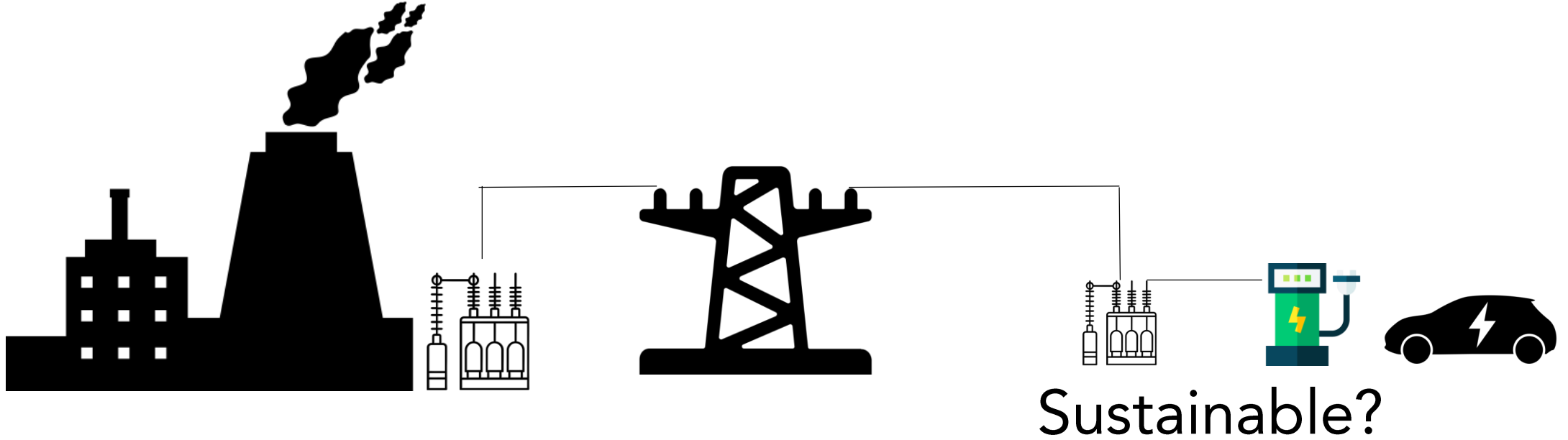


COMPETITION MAPPING

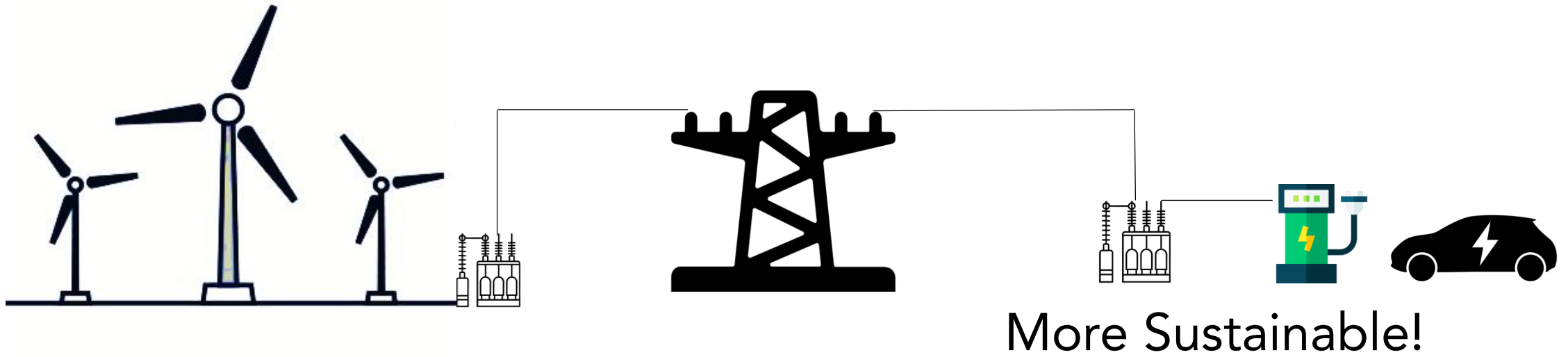
Huge potential in SE Europe growing electric vehicle market



SMART CHARGING



SMART CHARGING



SMART CHARGING



Smart timing of electric vehicle charges can decrease curtailment of Green Energy



TEAM



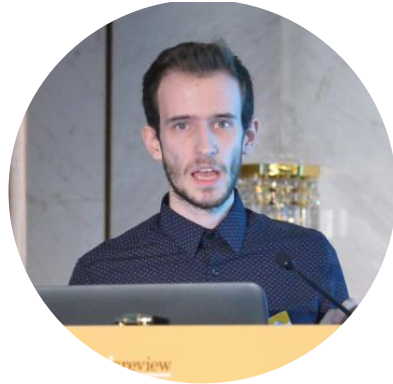
Christos
Stefanatos

MSc Mech Engineering
NTUA
Passed CFA Lvl 2

Prev:



EuroEnergy
Operations
Controller



Alexios
Karadimos

MSc Electr
Engineering
University of Patras

Prev:



UNIVERSITY OF
PATRAS
ΠΑΝΕΠΙΣΤΗΜΙΟ ΠΑΤΡΩΝ

Robotex 17
2nd Position



Nikolaos
Karadimos

MSc Electr
Engineering
University of Patras

Prev:



UNIVERSITY OF
PATRAS
ΠΑΝΕΠΙΣΤΗΜΙΟ ΠΑΤΡΩΝ

Crowdhackathon Insurance 3rd
Pos



Konstantinos
Fousekis

MSc Info Systems
Un. of Aegean
Thesis on Blockchain &
Energy

Prev:



Data Scientist



Panagiotis
Patikos

MSc Mining
Engineering, NTUA
BSc Finance,
ACG Deree

Prev:



Investment
Analyst



Overview

My wallets

24%

Nissan Leaf Battery
Last Upd : 17:20 pm

5

Stations
Near me

Current balance

430.24 PRT

Current Price

0.2217 EUR +0.12%

buy

PRT 0.2217 EUR/PRT



PARITY Token

Charging now requires 50% more Parity tokens
than the average requirement for February.
Cost is expected to decrease by 30 % in three hours.

Schedule Charge



78% Lignite and Gas



22% Wind



0% Solar

7321 MW Current National System Demand

69.21 €/MWh Current National System Price

+22%

Price higher than average SMP

Transactions

ALL SEND RECENT

16:23, 12 Jan 2019 → 342 PRT

Top-up via web application c_stefan €65.23

15:00, 20 dec 2018 ← 44.20 PRT

Nissan Leaf charge at Patras Charging Station

11:00, 11 dec 2018 ← 85.20 PRT

Nissan Leaf charge at Patras Charging Station

09:23, 11 dec 2018 → 134.34 PRT

Top-up via web application c_stefan

09:27, 08 Nov 2018 ← 94.34 PRT

Nissan Leaf charge at Patras Charging Station

News

Large Greek Utility rewards loyal clients
with PRT tokens

16:23, 12 dec 2018

PRT tokens/kWh

1h 1d 2d 3d All



Daily av. Charge Cost

EUR PRT

10 Oct 2019

1.8213 PRT/kWh

09 Oct 2019

3.2252 PRT/kWh

08 Oct 2019

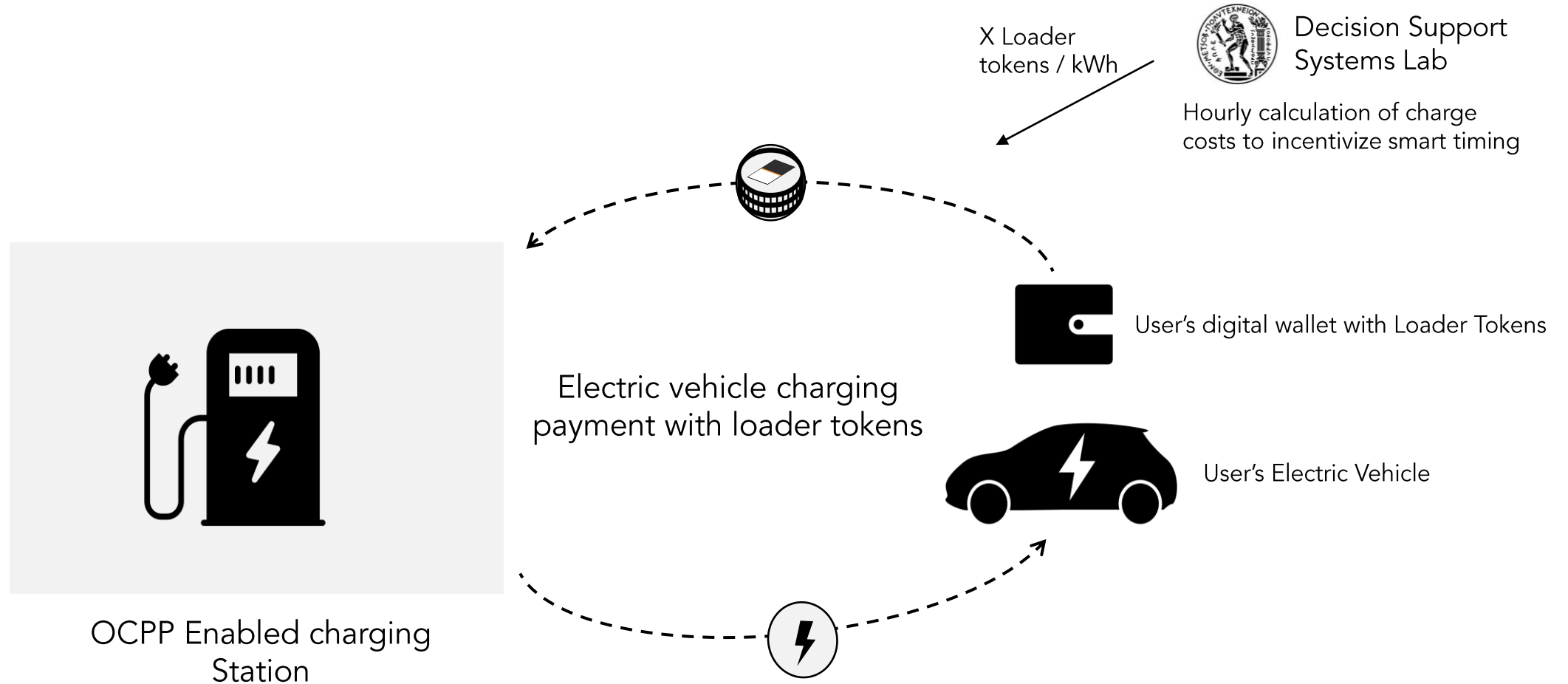
4.2232 PRT/ kWh

07 Oct 2019

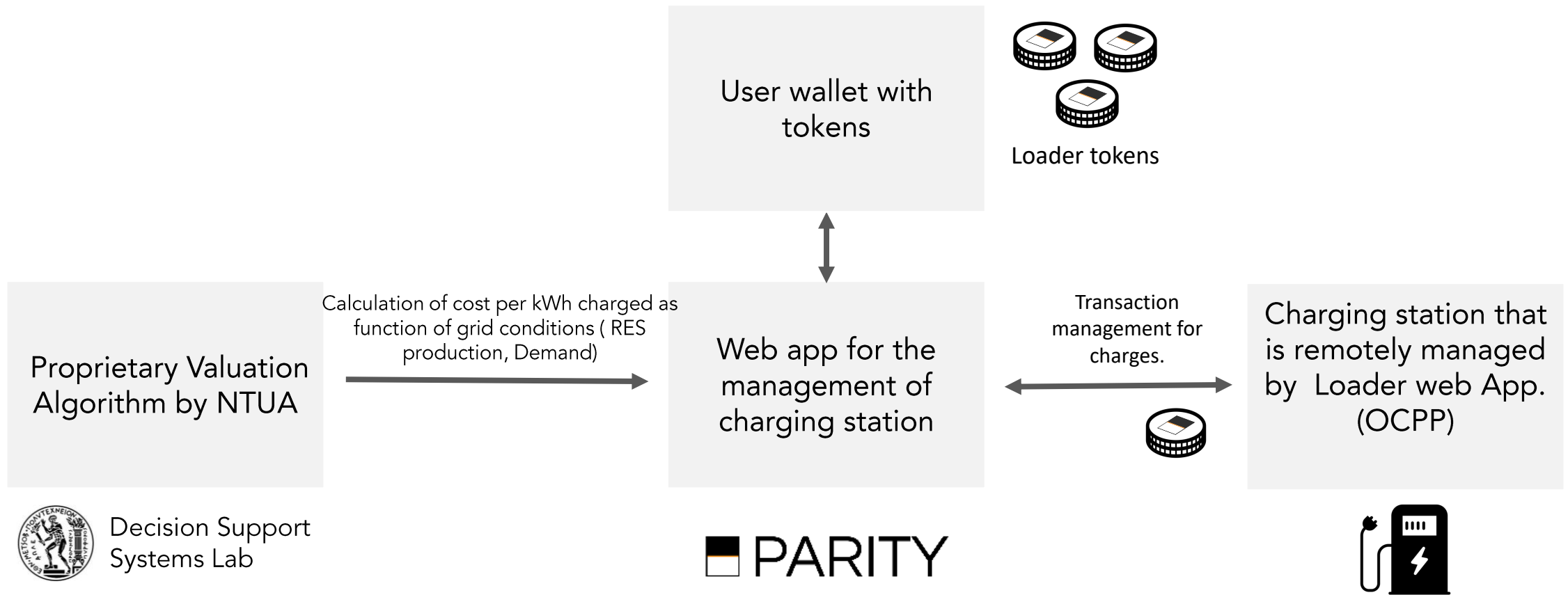
1.2391 PRT/ kWh



CONCEPT

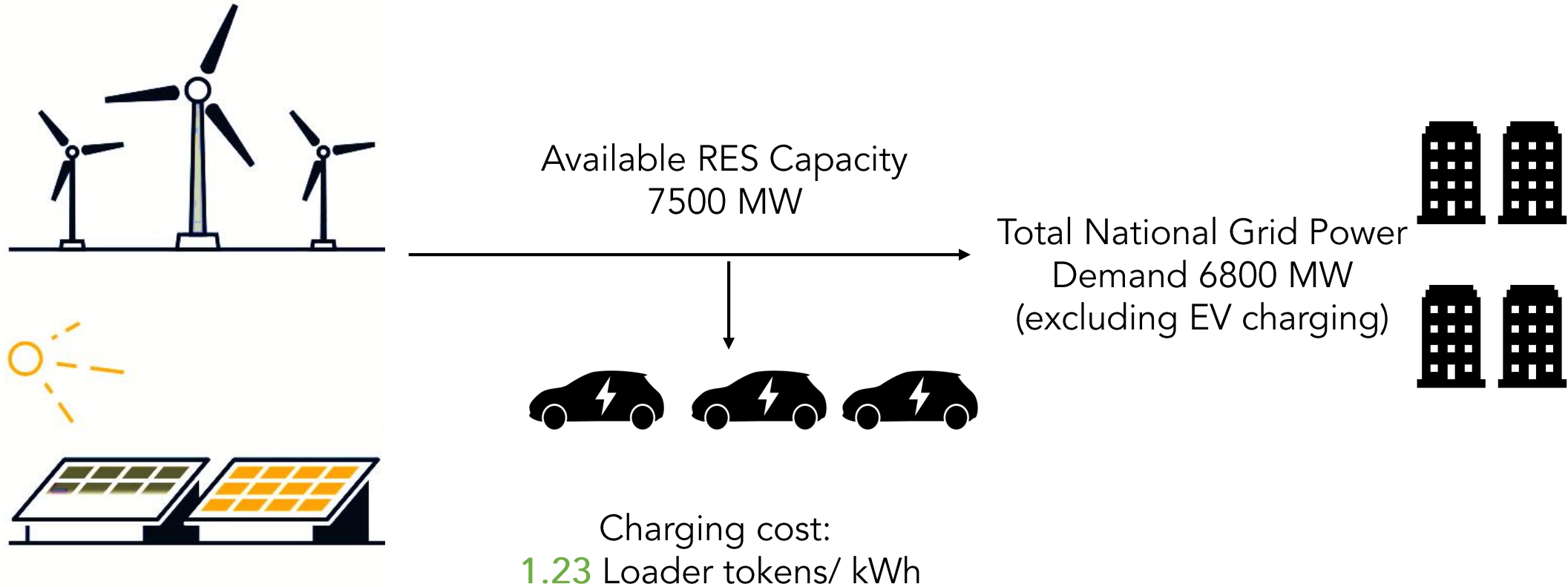


CONCEPT



EXAMPLE

October 12th 2023 , 8.30 am



EXAMPLE

October 15th 2023 , 14.30 am

