# Univers Case Study Slide Library

## Steel Manufacturer in Germany (19 Sites across Germany & EU)

#### **Client Objectives**

Implement charging infrastructure to enable employees and customers to charge their EV across their 19 sites in Germany & EU. Client's Investment

Capex:

up to €2Mn

Opex:

100k annual SaaS subscription and O&M Value Proposition for Client

- Flexible Software Solution with connection of relevant hardware and services
- One stop shop solution including Opex Financing Solution
- Reduction of Scope 1 (Fleet) and Scope 3 (Employees)

#### **Univers Solution**

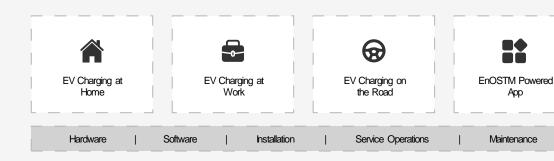
EV Charging infrastructure (Hardware + SaaS + Installation + O&M)

Financing solution from Financing partner

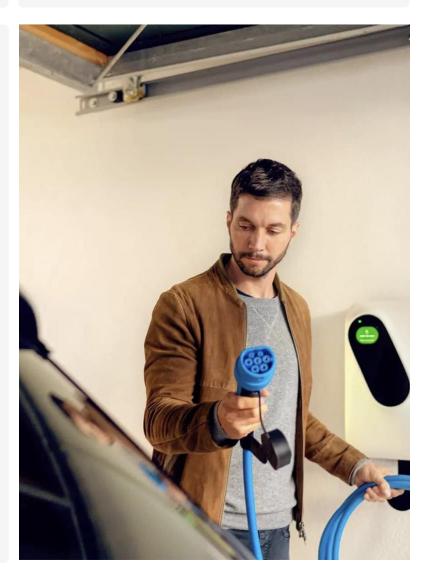
#### EV Charging Infrastructure

BEMS & HEMS: Intelligent Software Solution to connect EV + PV

#### Installation + O&M



- Supports client's Net Zero transition
  with technology
- Use Equipment Financing as an accelerator



## Electrification of Corporate Fleet (B2B2C)

#### **Client Objectives**

Transformation of company car fleet to 100% EV by 2027 (600 company cars)

Equip company sites with end-to-end charging solution for company cars, guests and employee cars

Extend charging capabilities to employees homes and pan European network

Client's Investment

Capex: €350.000

Opex: €100.000 annual SaaS subscription and O&M Value Proposition for Client

- All-in-one seamless charging experience at work, at home and on the road for employees
- Automated reporting and billing services across all points of charge including reimbursement of 3rd party electricity

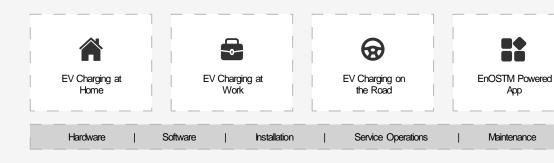
#### Univers Solution

EV Charging infrastructure (Hardware + SaaS + Installation + O&M)

EV Charging Infrastructure

BEMS & HEMS: Intelligent Software Solution to connect EV + PV

Installation + O&M



- Green Infrastructure Financing to corporates
- EV Fleet Financing (Mobility transformation strategy)
- Green mortgages for company employees



# Transport & Logistics player in Singapore

#### **Client Objectives**

Generating immutable, consistent and trackable data to facilitate third party audit

Automating calculation of emissions per site and aggregated portfolio level

Assessing environmental impact of retrofit options

Client's Investment

Capex:

\$25K/site

(Green Box + SaaS install)

Opex:

\$7K annual SaaS subscription Value Proposition for Client

- Automation of data collection from BMS and smart meters
- Protocol
- Up to 8-10% reduction on annual energy consumption
- Calculation of carbon abatement scenarios

#### Univers Solution

Carbon management solution (Green Box + ERM + ARK)



Collect data from BMS/OT Devices

EnOS Cloud Platform

Real Time data ingestion & analytics from systems & devices

#### ARK + ERM SaaS

•Identifies Energy savings and retrofit options •Carbon footprint calculation and reporting

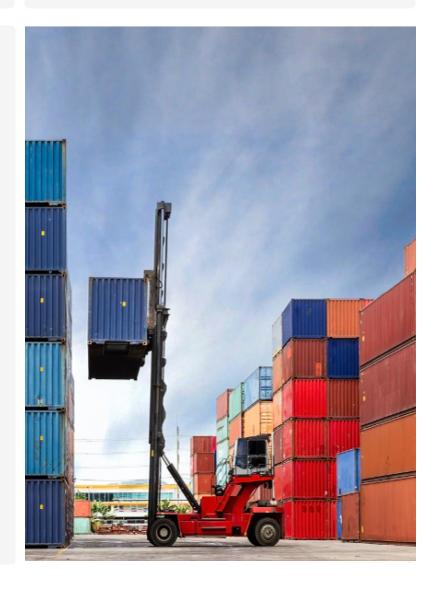
• One click reporting based on GHG

- Receive ESG Data from clients
- Finance green capex solutions with carbon reduction calculation









## Large Sports Retailer

#### Client Objectives

Monitor and plan energy reduction actions for 100 stores across EMEA with 250 smart meters

Track its energy consumption and the associated carbon production in its stores with full control on the data

Client's Investment

Capex:

€160k

(Green Box + One time set up)

Opex:

€45k annual SaaS subscription Value Proposition for Client

#### Univers Solution

Energy management solution (Green Box + EnOS<sup>™</sup> Software)

> EDGE Hardware + EnOS™ Software Collect energy & HVAC data from energy meters

CLOUD Energy & HVAC database with API

Collect energy data from meters

• Expose data with API for reporting

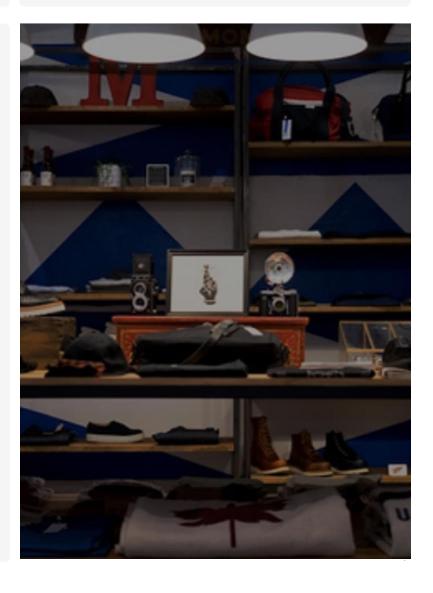
#### Dashboarding

- Display the data from Univers EnOS ™
- · Calculate the savings from monitoring

• 15-20% energy saved per store

• €4,5Mn saves annually (€60 saved per meter per day)

- Green Financing capex & opex
- Receive ESG Data from customers



## Large Industrial Real Estate Investment Trust in the UK

**Client Objective** 

Partner with end-to-end provider of Net Zero Solutions to:

Provide energy to 100% of tenants (Currently provide energy to ~20% of tenants)

Targeting 42% reduction in Scope 1&2 emissions by 2030 (vs March 2022 baseline)

Client's Investment

Capex:

£ 1,5Mn

Opex:

£ 100k annual SaaS subscription and O&M

- Smart Microgrid
- Higher usage of "free solar energy"
- Higher revenue from tenants
- BESS trading with grid

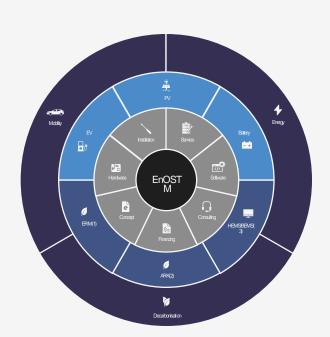
Univers Solution

**Building Energy Management** (PV+BESS+EV+SaaS)

Green Box (Hardware)

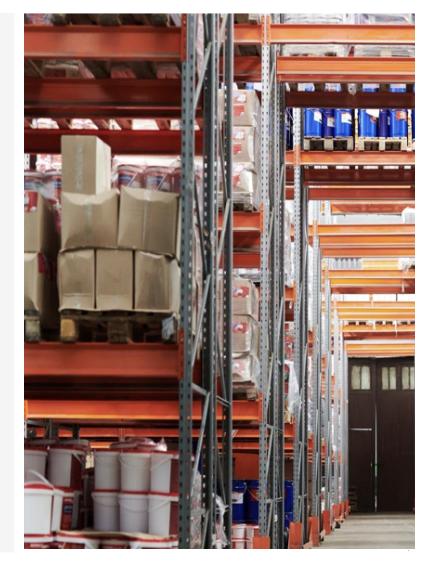
**Energy Management Solution** (SaaS)

Carbon Management Solution (SaaS)



- Value Proposition for Client

- Green Financing Capex & Opex
- Innovative financing solution with potential for scalability



# Large Commercial Real Estate player in the UK

(£6Mn Sq.ft valued at £800Mn)

**Client Objective** 

Gather real time data to understanding energy consumption behaviour of the buildings

Visibility of energy & carbon footprint view across the sites

Client's Investment

Capex:

£300k (Green box+ SaaS set-up for 3 years)

Opex:

£25k annual SaaS subscription after 3 yrs Value Proposition for Client

#### Univers Solution

Green Box (Hardware) **Energy Management Solution** (SaaS) Carbon Management Solution (SaaS)

Green Box

Collect data from BMS/OT Devices

**EnOS Cloud Platform** 

Real Time data ingestion & analytics from systems & devices

ARK + ERM SaaS

•Identifies Energy savings and retrofit options •Carbon footprint calculation and reporting

 Real-time ingestion of energy data from control systems, devices, and meters to facilitate a

 Holistic energy & carbon footprint view across the sites in relation to energy, gas, and water consumption

- Receive ESG Data from clients
- Finance green capex & opex solutions with carbon reduction calculation







# Thank You

## Let's stay in touch www.univers.com



8