HENSHIN GROUP LTD

MOVENS

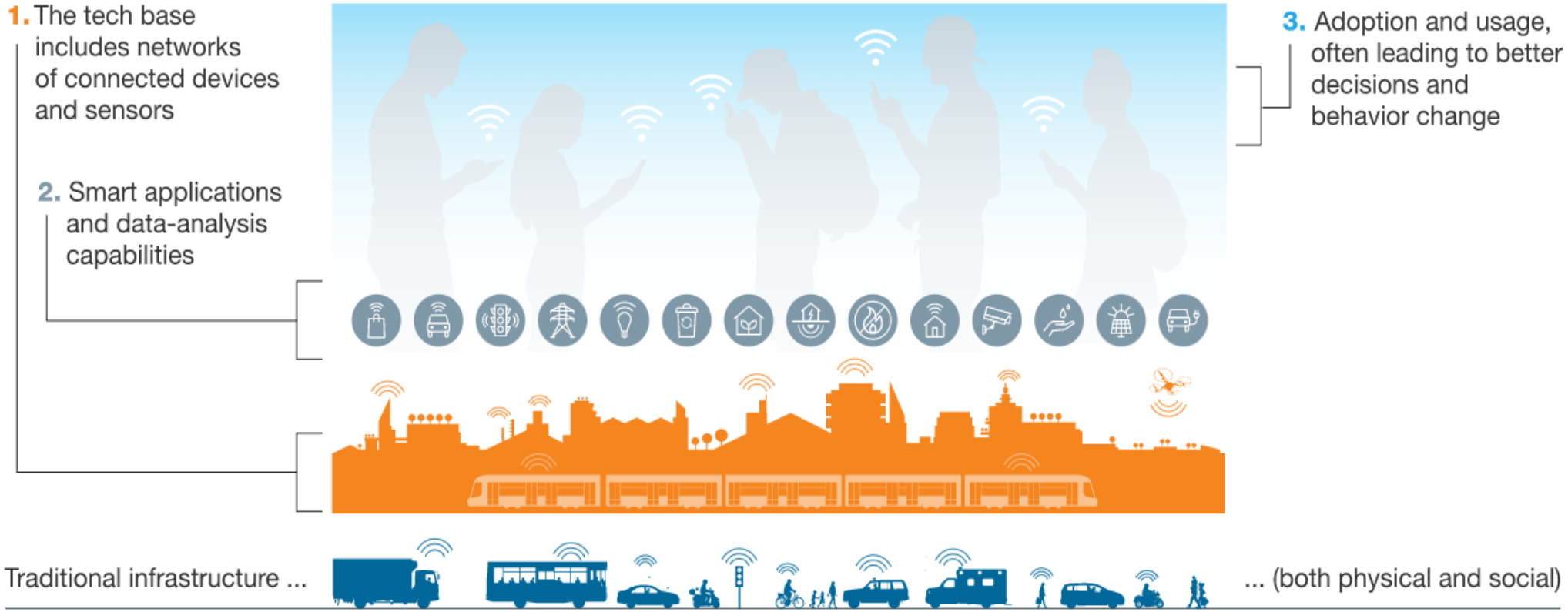
The Open Source Plaftorm Ecosystem for Mobility and Energy

Il Potenziale innovativo dell'università degli studi di Milano e l'impresa sostenibile
8 febbraio 2023

UNIVERSITÀ DEGLI STUDI DI MILANO

plef
Planet Life Economy Foundation

Technology Integration Hub for Smart City Solutions



Source: McKinsey Global Institute Analysis, 2018

OPEN SOURCE

DESIGNED FOR INTEGRATION

GLOBAL STANDARDS

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CITIES

SENSORS

HOME

INFRASTRUCTURES

METERING

BEMS

MANUFACTURERS

OEM
Telematics Platform

SMART GRID

custom drivers, APIs,MQTT...

MOVENS services

DSO
Electricity distribution, load management...

EVSE
Energy & Utility

drivers, OCPP, OSGP...

custom drivers

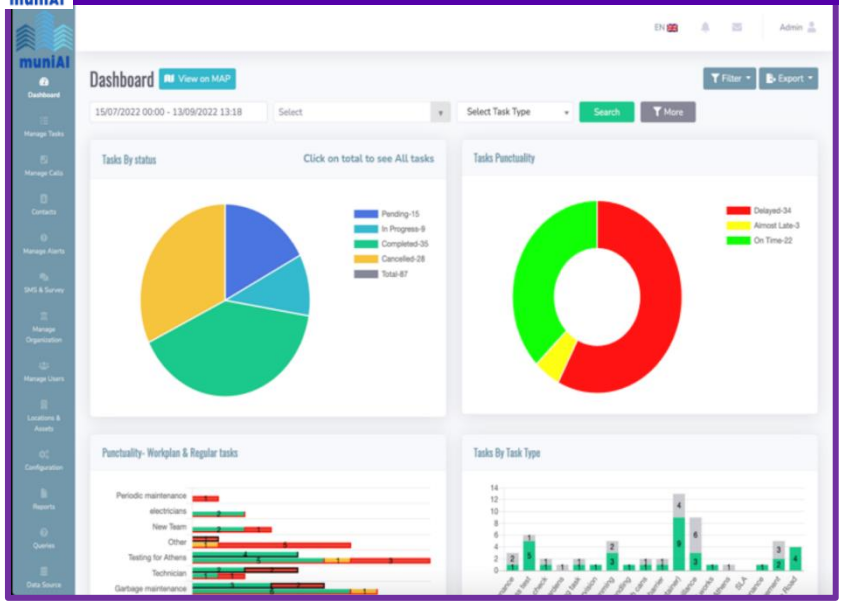
custom drivers, APIs,MQTT...

CPO
Charge Point Operator
Energy & Utility

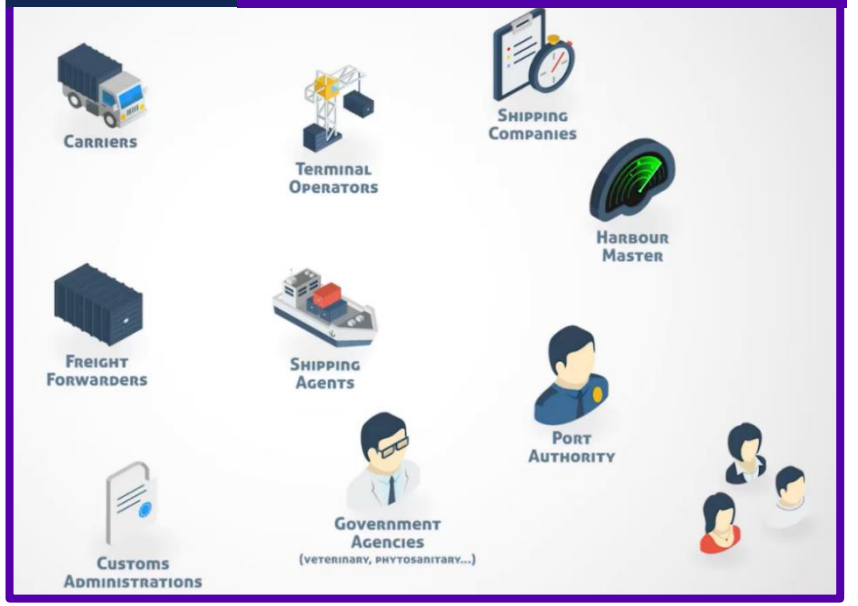
MPS
Payments, Billing, Authentication...
Energy & Utility

Third Parties Services

INTEGRATED SMART CITY PLATFORM



D B A GROUP **INTEGRATED PLATFORM FOR MARITIME PORT ECOSYSTEM**



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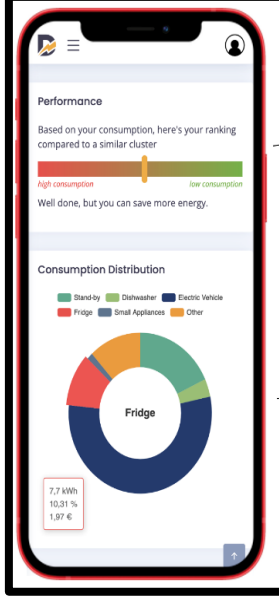
IGIWATT energy disaggregation

ENERGY DISAGGREGATION IN SMART HOME APPLIANCES



Performance indicator to compare energy consumption within a similar **cluster**

Energy disaggregation to discover **appliances consumption**, cost (€/£/$) and percentage

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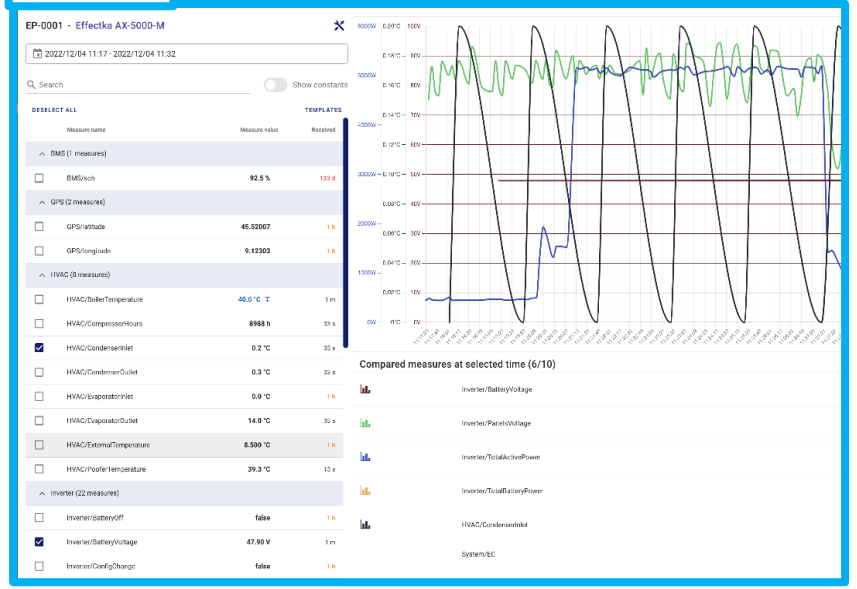
RENEWABLE ASSET MANAGEMENT (Solar Manufacturer)



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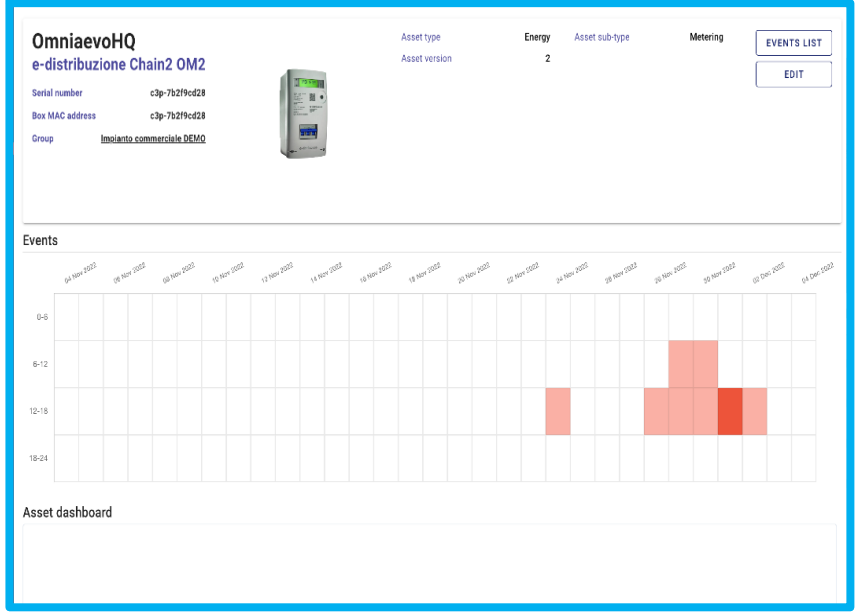
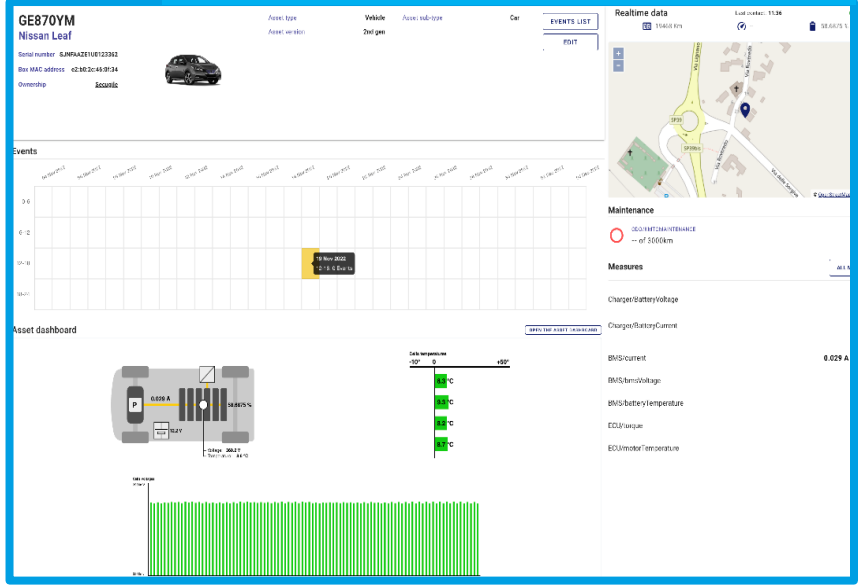
MOVENS **IoT BASED CHAIN2 SMART METERING SYSTEM**



MOVENS **CONNECTED VEHICLE ECOSYSTEM**



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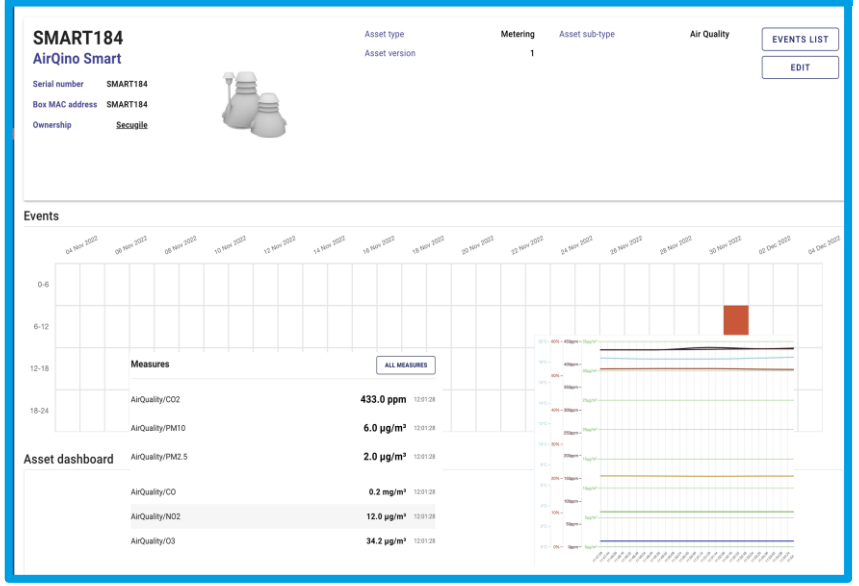
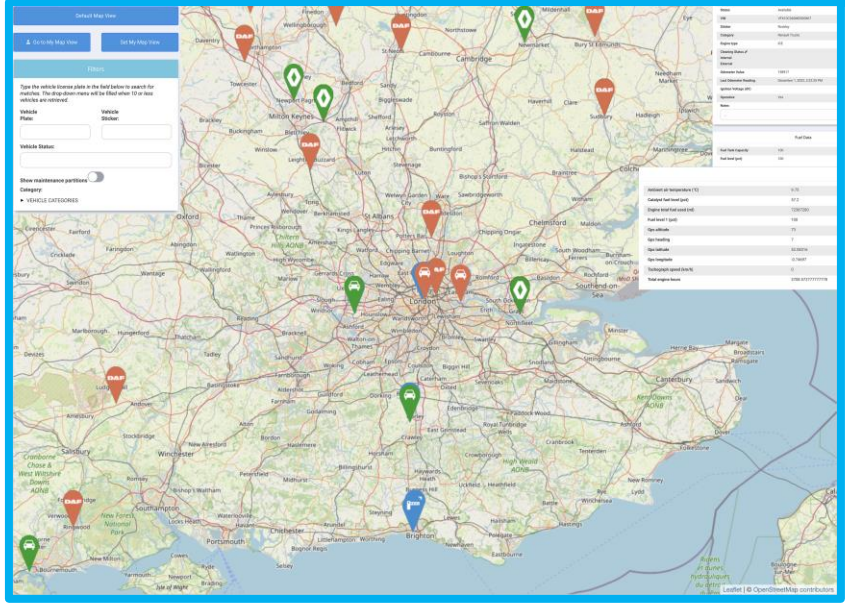
MOVENS **IoT PLATFORM FOR AIR QUALITY MONITORING**



MOVENS **CONNECTED TRUCKS PLATFORM**



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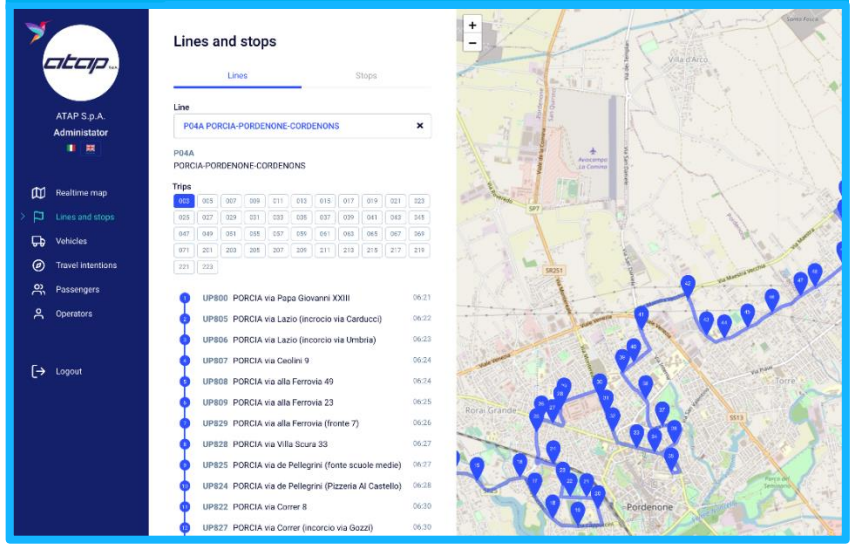
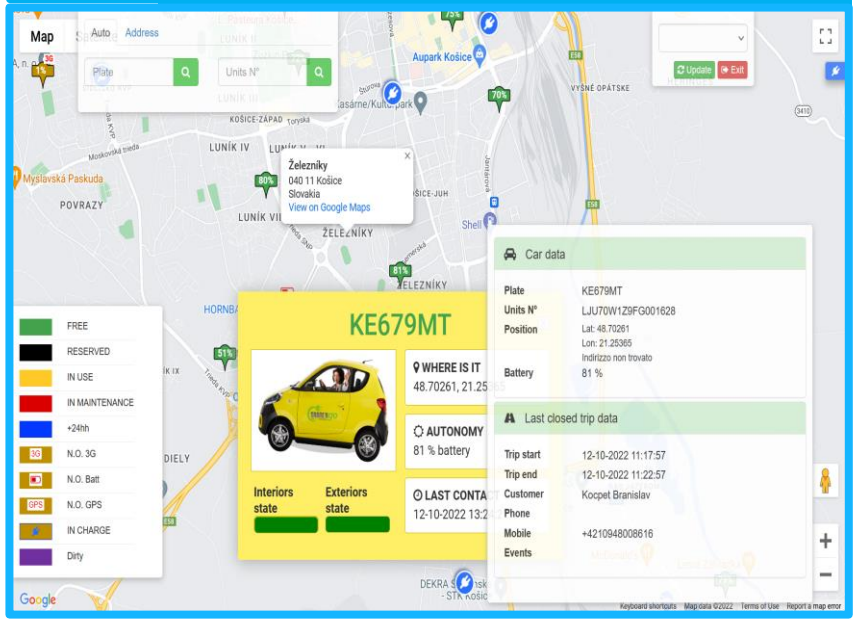
MOVENS **ADAPTIVE PLATFORM FOR DYNAMIC TRAVEL MANAGEMENT (Bus)**



MOVENS **VEHICLE SHARING PLATFORM**



PRESS RELEASES

Rechargeable Battery Identification Number Standard
in collaboration with:

Video

19 Jul 2022

https://www.youtube.com/watch?v=LhVvt36O8mQ

First Open Battery Identity Standard
in collaboration with:

19 Jul 2022

https://dlt.mobi/bin-release/

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First Standard Supporting MOBI Battery Initiative
in collaboration with:

31 May 2022

https://dlt.mobi/soh-release/

Otonomo, Henshin and wefox Collaborate to Empower Fleet Insurance Innovationsin

17 Mar 2022

Nasdaq article:

https://tinyurl.com/d6kpfdnh

interview with CEO Domenico Mangiacapra at ICA Summit 2021, Munich

13 Oct 2021

Video

https://www.youtube.com/watch?v=_U9kdMqe5vk

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domenico.mangiacapra@henshingroup.com