

Current Experiments : France



<https://www.youtube.com/watch?v=Djt-nzD2x40>



More than 2000 p. over 10 buildings on the Nokia campus outside Paris.

Parcels delivery from the Campus logistic hub, managed by Sodexo



LMAD

Enabling the future of delivery

23, avenue d'Italie
75013 Paris
France

Maarintie 6
02150 Espoo
Finland

zoom

Current Experiments . Finland

Helsinki CityHub

- City hub with lockers/
DBS / Link the hub & the
inner city

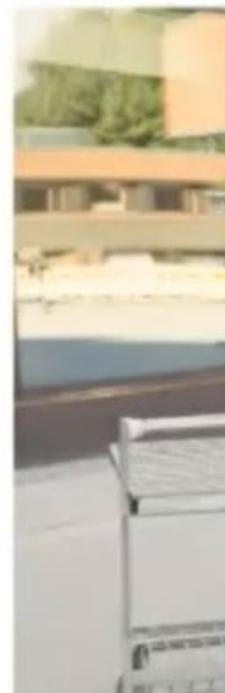


K-market Otaniemi



K-Market

- Grocery & shopping basket
delivered from the shop



Let's build the next logistic solution together !

**We are looking for partners to experiment, build, test and run
commercially LMAD operations**

Logisticians

Facility Managers

Retailers

Corporate/university campuses

Cities willing to innovate

SKI LABS

Christos | Skia...

Waste management made easy.



Current waste collection.

c

- From pickup to processing, waste leads to **3% of global greenhouse emissions***.
- **80%** of operational data collected goes unused*
- **An additional 30 seconds** of paperwork, phone calls, congestion, or searching for waste container can lead to **EU15000 extra costs per month****.



* From MilieuCentraal

** Based on number of customers to visit being 300, fleetsize of 20 and salary of 30K a (average of Amsterdam Business Waste)

Our solution.

The Smart Waste Management Suite

User-centered applications.

A machine learning-based backend.



- **Optimal routes** for any vehicle in any city
 - Electric, bikes & traditional
 - Minimize congestion and emissions.
- Anticipate waste stream amounts and quality for **optimal recycling.**
- Automate customer management for **exceptional customer service.**

Proven technology.

Minimize costs, maximize efficiency

For waste collectors and governments:

The flexibility the customers want.

Missed garbage collection is decreased by 20%*

The comfort drivers need.

Drivers follow our routes 90% of the time*

The cost-efficiency operators require.

Save upto 50% of FTEs spent on client management*

Less emissions and cleaner cities.

Save upto 10% of driving time per trip for any vehicle*

FIRST & LAST MILE DELIVERY SOLUTIONS

Georg Melzer-...



Current situation in City Distribution



LOW LOGISTICS EFFICIENCY



URBAN CONGESTION



ENVIRONMENTAL SUSTAINABILITY



CUSTOMER EXPERIENCE

• **Problem:**



New needs
24h ecommerce



Not consolidated charge
Multiple logistics vans
Multiple routes



Public Space
Unload
Inefficiency
Congestion
Pollution

• **Proposal:**



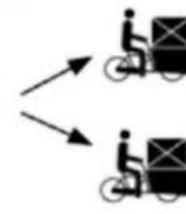
Logistic Hub



Modular 50m2
microhub



Cargo eBikes
1,5km2



Last Mile
eCommerce

First Mile
Local Commerce

Use
Cases



The Logistic Model



Implementation & Planning

TRIMMING

**Demand
characterization**



PHASE 1

**Involve Local
Organizations**



PHASE 2

**Logistics flow and
microhubs position**



PHASE 3

**Microhubs building and platform
implementation**



PHASE 4

Deployment of the chosen Use C

PHASE 5

- In conversation with 2 core cities and local logistics partners
- Looking for a **RIS country/city**
- Open for other complementary partners
- Contact: sergio@moven.pro

Mobility is changing. We are leading the change

Jakub

The Bio-Hybrid is ready to lead mobility into an eco-friendly era.

The Bio-Hybrid is the future of mobility. A **zero-emissions 4-wheel pedelec** that combines the freedom and agility of a bike with the driving security and weather protection afforded by a compact car.

Enjoy an e-bike experience with automotive level convenience. Ready to tackle the challenges of today's mobility! More sustainable. More climate friendly. With less emissions. Bringing a better quality of life with sustainable individual n



Canopy

Compact

Weather protection

Eco-friendly

Four wheels for driving stability

Quiet

E-motor assistance

Low purchasing and ownership costs

Convenient luggage transportation

No driver's license*, no registration required



The Bio-Hybrid.

Product-Line-up. E-bike made in Germany.

A single mobility platform with flexible options to meet B2B and B2C needs in EUROPE!



Passenger **DUO**



Cargo **PICK UP**



Cargo **WORK**



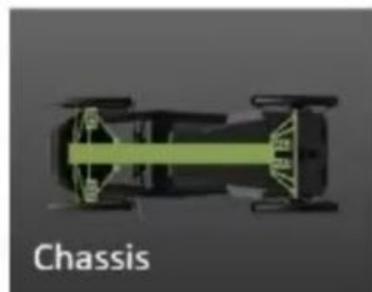
Cargo **BOX**



reddot award :
winner

Designed and engineered by Bio-Hybrid in Germany.

To the highest standards of quality by experienced automotive designers.



Chassis



Lighting concept



Drive system



Portable battery



Weather protection