

# üMOTION

GENTLE VEHICLES FOR LIVABLE CITIES

## 29 MILLION VANS TO REPLACE IN EUROPE



POLLUTING  
NOISY  
BANNED

**2 MILLION**  
annual van sales

**8,2 BILLION €**  
dedicated to buying  
green vehicles by La  
Poste, Amazon &  
DHL

**2030**  
traffic ban in  
Europe's 247  
biggest cities

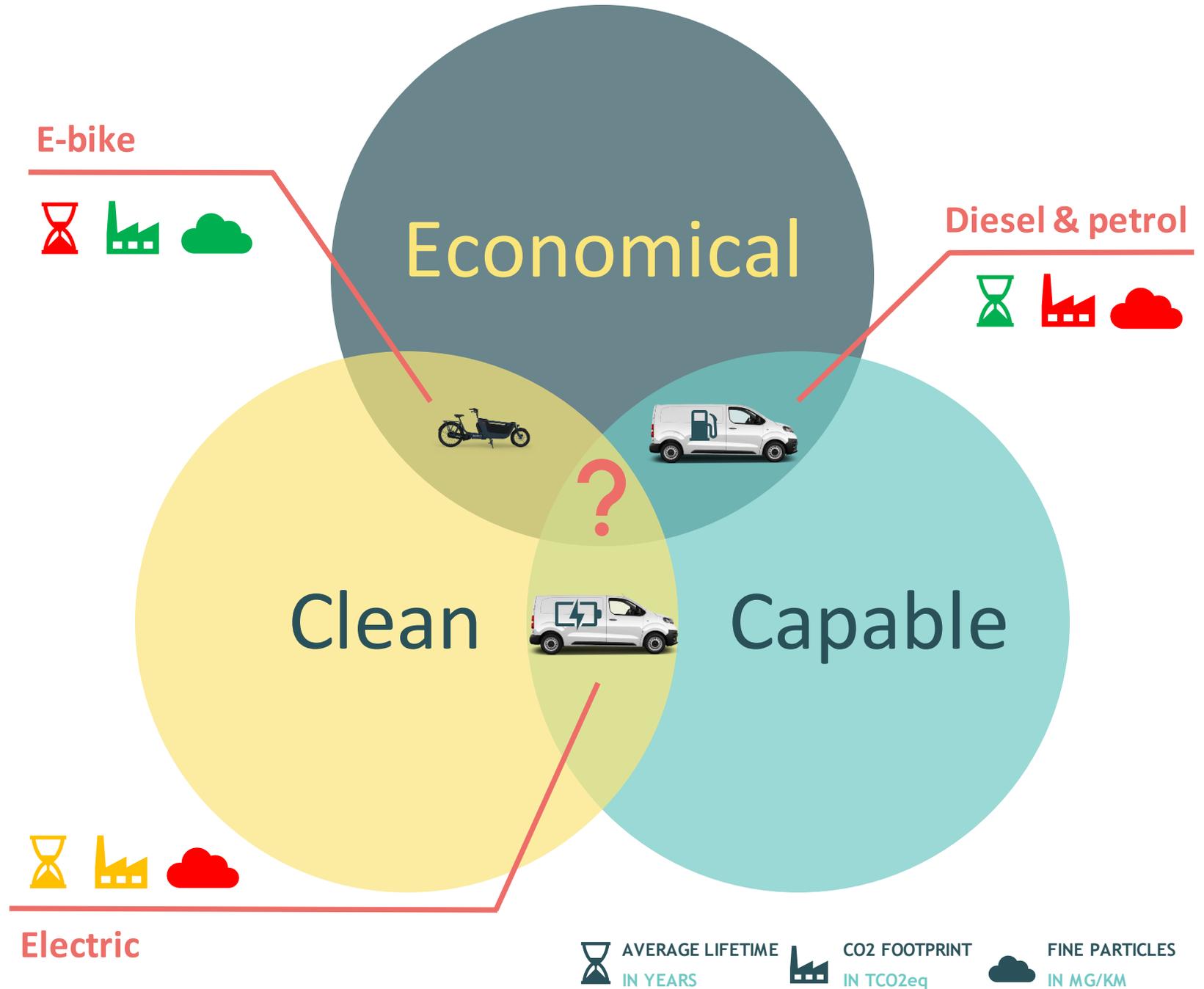
**50 000**  
annual eVan  
production

NO AVAILABLE  
ALTERNATIVE

DIESEL & PETROL  
PROGRESSIVE BAN

E-CARGO BIKE  
CAPACITY/3

E-VAN  
EXPENSIVE & EXPENDABLE





# The Vike

## A green van at a cargo bike cost

- 1 ton payload - 5 to 20 m3 volume - 80 kph flanged
- Instant charge & battery extension from 50 to 350 km
- 0 emission - Euro 7+ ready
- CO2 footprint divided by 5 vs an e-van
- Low maintenance, repairable, upgradable
- From 20 000€ - without incentives



WEIGHT



COST

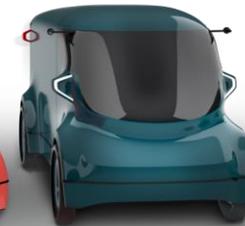


CO2

compared to an e-van



pickup



box



refrigerated

# PATENTED TECHNOLOGY



ENERGY EFFICIENT  
DUAL PROPULSION SYSTEM



WEIGHT OPTIMIZED  
MODULAR BATTERY SYSTEM

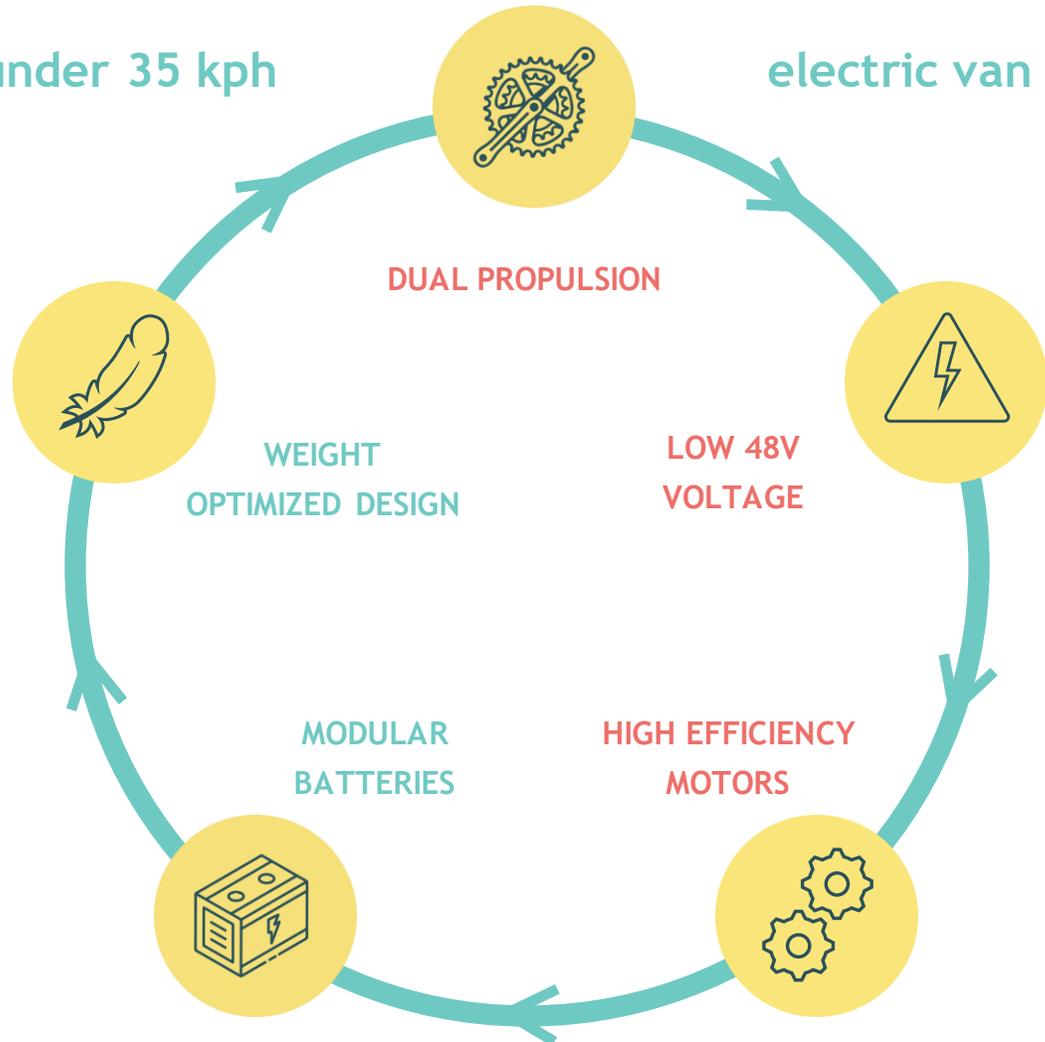
Drive like a  
cargo bike under 35 kph

Drive like an  
electric van up to 80 kph

Light

Efficient

Design to cost



# COMPETITION BENCHMARK



Cargo bike



Small e-van



e-van



VIKE

**CO2 footprint**  
(TCO2eq)

0,5-2  
●

9  
●

25  
●

5  
●

**Consumption**  
(€/1000km)

2-4  
●

30  
●

48  
●

14  
●

**Purchase price**  
(k€)

6-14  
●

20-35  
●

40-70  
●

20-30  
●

**Payload**  
(kg) (m<sup>3</sup>)

150-300  
1-2  
●

600  
0,5-3  
●

1000  
5-6  
●

1000  
4-5  
●

**Crash & Safety**

No  
●

No  
●

Yes  
●

Yes  
●

**Lifetime**

3-5 years  
●

10 years  
●

10-15 years  
●

15-20 years  
●

# IMPACT SHEET

compared to an e-van



## CLIMATE CHANGE

5 times less CO<sub>2</sub>eq global footprint

3 times more energy efficient on the road

## HEALTH & AIR QUALITY

Ultra low emissions of fine particles from brakes & tires

0 NO<sub>x</sub> emission

## NATURAL RESSOURCES

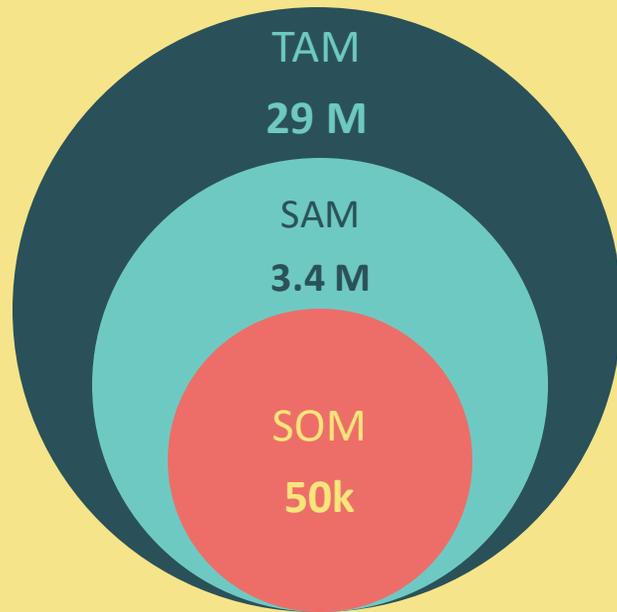
3 times less battery for the same performance

2 times longer lifetime of the entire vehicle

2 times lighter, 800 kg vs 1800 kg

Biosourced, recycled & recyclable materials

3.4 MILLION URBAN  
VANS BANNED  
BETWEEN 2025 & 2030



Production target  
50 000 Vikes in 5 years

## Tier 1 French partners

BACKED BY



BUILT WITH



DEVELOPED WITH



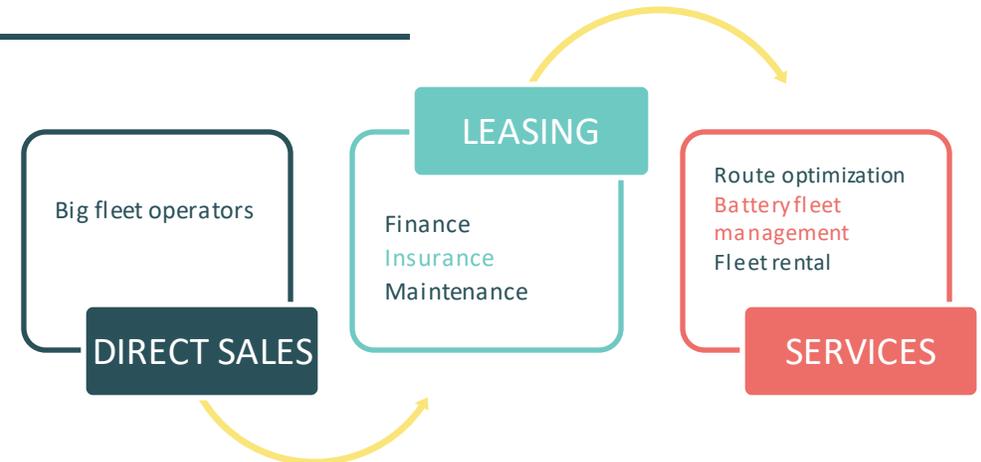
## 3 types of customers

**PARCEL DELIVERY COMPANIES**  
operating vans on B2B and B2C services

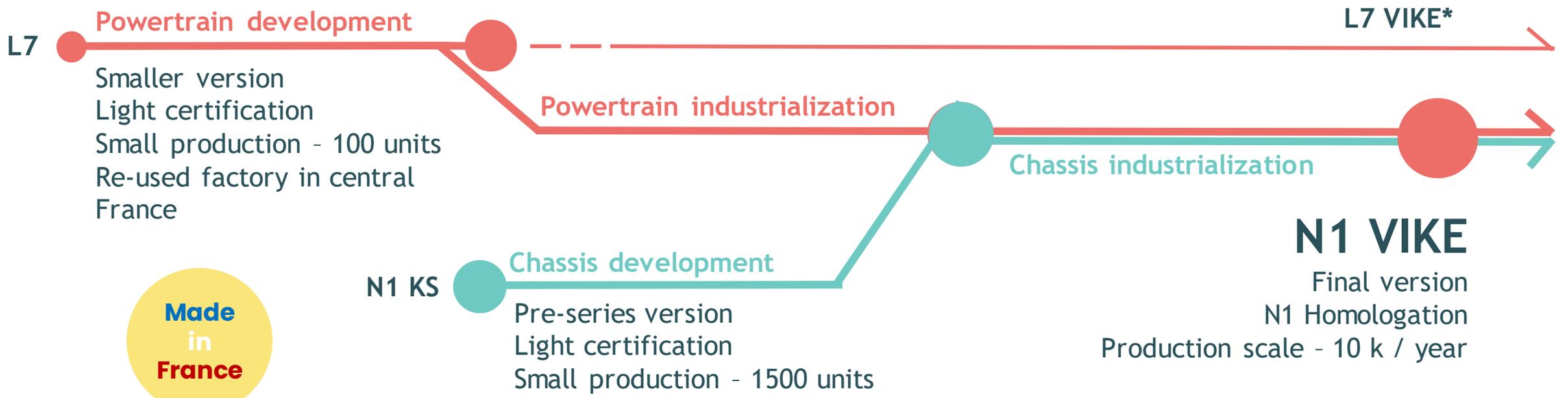
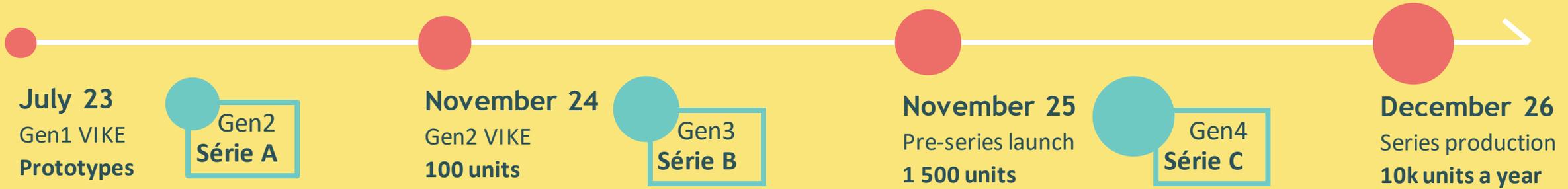
**RETAILERS**  
operating their own fleet

**SMEs & independents**

## Automotive business model



# A FRENCH INDUSTRIAL AMBITION



\* In case of market traction

## THE FOUNDERS



**Nicolas Goursoot**

(ex-Stellantis)

20 years experience in  
powertrain design



**Léon de Perthuis**

(ex-Bona fidé)

10 years experience in  
communication & influence



**Jean-Philippe Ollier**

(Michelin)

Manufacturing Engineering  
Vice-president



**Catherine Le Floch**

(ex-La Poste)

Director of strategy and  
purchasing manager



**Alexandre Meyer**

(ex-Peugeot)

Smart designer and serial  
entrepreneur



**Robert Zarader**

(Bona fidé)

Economist, spin doctor

## THE BOARD MEMBERS

# umOTION

GENTLE VEHICLES FOR LIVABLE CITIES

[hello@umotion.tech](mailto:hello@umotion.tech)



# NICOLAS GOURSOT

## MAIN FOUNDER

**Master degree Ecole Centrale Lyon 2002**

### **20 years track records in mobility**

- Start in Formula 1
- 6 years international (Germany, Spain and UK) @BMW and @NISSAN
- **15 years @STELLANTIS (PSA):**
- **E-motor design department manager and founder (intrapreneurship)**
- **Product manager on carbon neutral tophat @CITROEN (OLI)**

### **Advocate for sustainability since 2007**

- Founded NGO « 1 an pour la planète » 2010–2012 –Worldtour for Biodiversity
- Founded Arcadia film festival 2012 – 2016 – Raise awareness on climate change
- Trainer@FRESQUE DU CLIMAT
- Contributor @Shift project



# LEON DE PERTHUIS

CO FOUNDER

**Master degree Sciences Po. Paris 2012**

**10 years experience in consulting**

- 10 years developing consulting firm Bona fidé
- Director focusing on corporate communications, lobbying strategies and public relations
- Specialized in mobility and territorial development: La Poste, SNCF, Bpifrance, Banque des Territoires, ADP, Ferrovial, Solocal,etc.

**Advocate for gentle mobility**

- Cycle to work activist
- Member of Paris en selle, bicycle infrastructure NGO



## Showroom POC

### Urban vehicle simulator

Static mockup with representative driving comfort and command

