# Smart city logistics concept supporting air quality measures

EX ANTE CONSULTING



# EX ANTE CONSULTING - WHO WE ARE

- A Budapest based consulting firm
- 20 years in strategic and management consulting, supporting successful development strategies and projects
- Extensive international experience
- Our clients are international organisations, central administrative bodies, city governments and enterprises





Spatial & urban development





# EVALUATION AND ANALYSIS

## STRATEGY DEVELOPMENT

# PROJECT PLANNING AND MANAGEGEMENT

**FUNDING** 





# EXPERTS IN EU FUNDING

Our experts have 20 years of experience in EU funding for infrastructure projects, having submitted successful grant applications over the value of 300 million euros.



### FOCUSING ON SMART CITY LOGISTICS

URBAN LAST-MILE DELIVERY EMISSIONS ARE ON TRACK TO INCREASE BY OVER 30 PERCENT BY 2030 IN THE TOP 100 CITIES GLOBALLY. WITHOUT INTERVENTION, THESE EMISSIONS COULD REACH 25 MILLION TONS OF CO2 EMITTED ANNUALLY BY THAT DATE

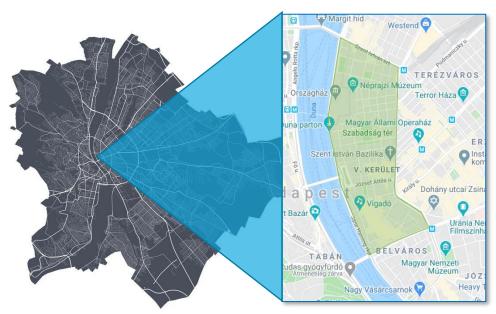
THE LAST MILE DELIVERY OF A 250 GRAMS CONSUMER ELECTRONICS PRODUCT CAUSES UP TO 226 GRAMS OF CO2 EMISSION

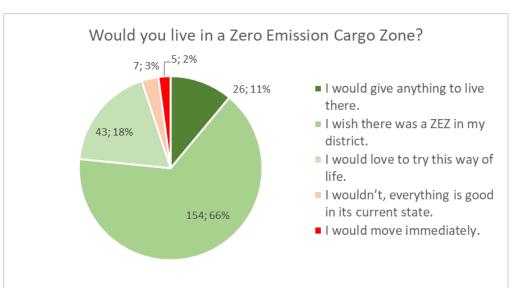
BETWEEN 20% AND 30% OF A CITY'S CARBON DIOXIDE EMISSIONS COME FROM LAST-MILE DELIVERIES

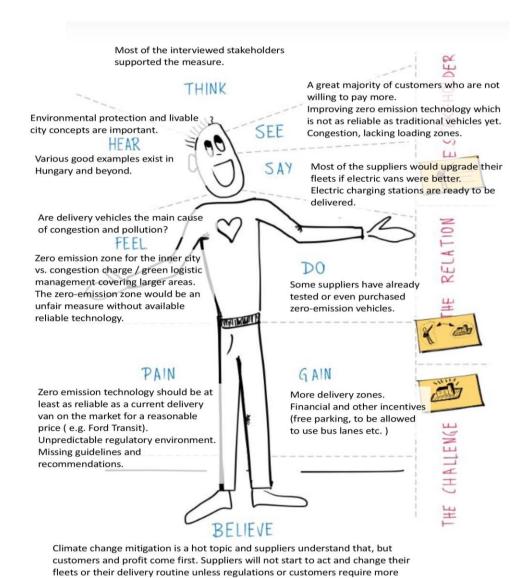




### CARGO ZEZ IN THE CITY OF BUDAPEST







environmentally friendly vehicles, or the costs of a zero-emission vehicle are

lower than having a traditional van.



#### TURNING A RIVER PORT INTO E-CITY LOGISTICS CENTRE

#### FREEPORT OF BUDAPEST

# Building on international good practices



**LEFV-LOGIC** Netherlands



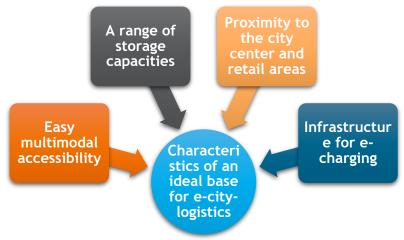
IKEA Shanghai



VULe Partagés, Paris



- Well chosen location
- Complex strategic approach
- Combination of e-vehicles and PV electricity production







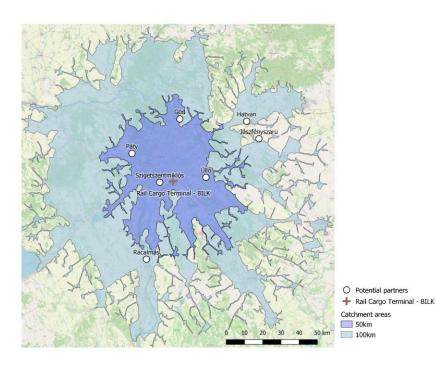
#### DECARBONISING LAST MILE DELIVERY FROM A RAIL TERMINAL

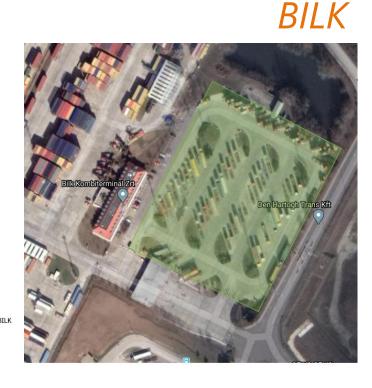
Building on international good practices

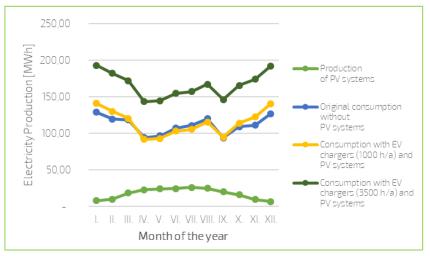
























# OUT-OF-THE-BOX VEHICLE TECHNOLOGIES













### SMART ACCESS CONTROL AND TRAFFIC MANAGEMENT SYSTEM

- Less waiting at access gates
- Shortest routes within the logistics centre
- Less congestion
- Less CO2 emission

# YOUR CONTACTS



#### Zoltán BARNA-LÁZÁR

- Managing director
- barna@exante.hu



#### Dániel GÖLÖNCSÉR

- Transport&Energy Sector
- goloncser@exante.hu



#### Zsanett BRUNNER

- International cooperation
- brunner@exante.hu

