

An aerial photograph showing a multi-lane highway with several trucks in motion. To the right of the highway is a large, rectangular industrial building with a flat roof covered in solar panels. A parking lot with many cars is situated between the highway and the building. The scene is captured from a high angle, showing the layout of the infrastructure and the surrounding landscape.

How to reinvent logistics space in cities?

Curbside management

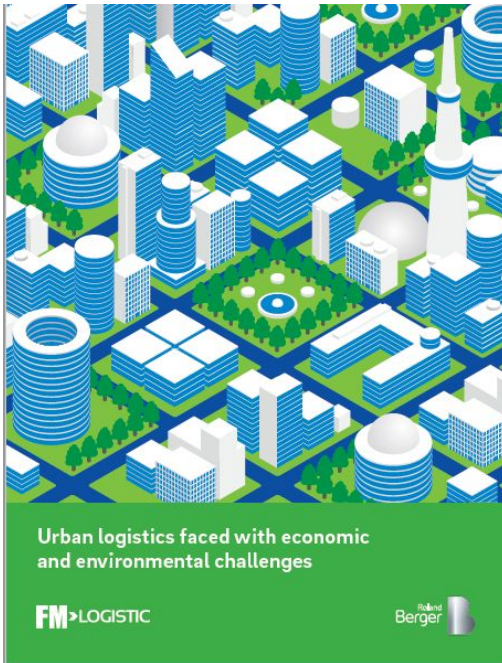
IPIC 2021 - June 16

A woman in a warehouse setting, wearing a high-visibility orange safety vest over a dark jacket and red pants. She is standing on a self-balancing scooter (hoverboard) and looking at a tablet device. The warehouse has high blue metal shelving units filled with stacks of white boxes, likely containing bottled water. A large blue arrow graphic points from the left towards the center, with the number '1' inside it.

1

Challenges

Urban Logistics faced with economics & environmental challenges



30%

failure rate
for the initial
B2C delivery

0.1

delivery/
person/day

**300 to
400**

loads/ 1,000
people /day

20%

of city traffic
generated
by logistics

30%

of pollution
generated
by logistics

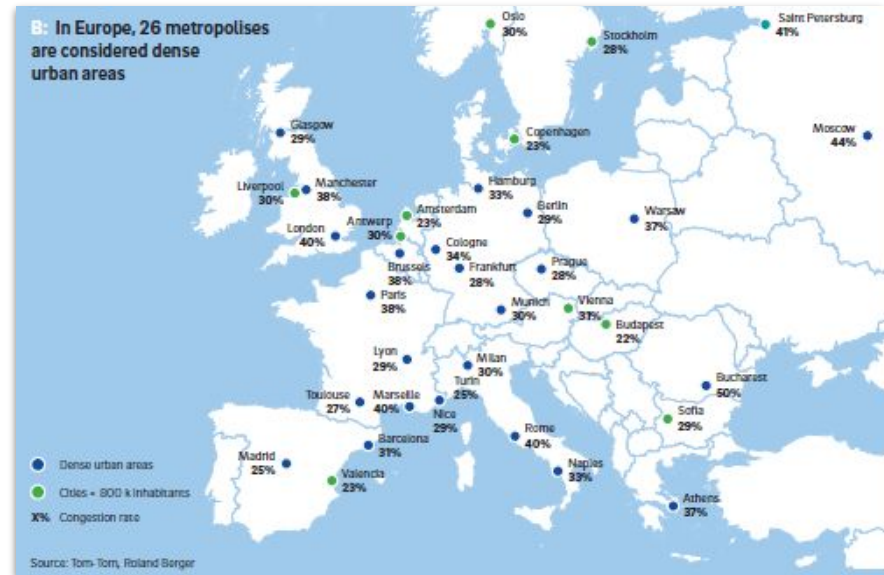
Challenge #1

A booming market in an “ultra” dense environment

The growth of urban logistics is going to strongly accelerate in the years to come



30 Cities with higher density in Europe
congestion rate + revenues per inhabitants]

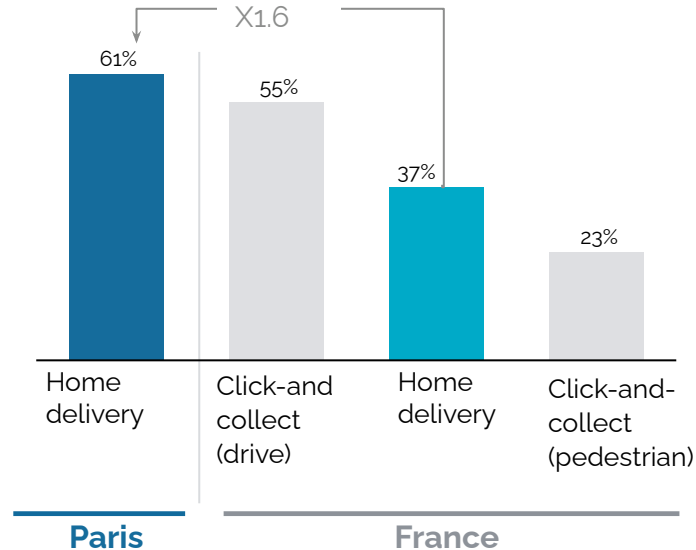


Challenge #2

Home Delivery is preferred solution for Urban E shoppers

61% of E-shoppers choose home delivery in Paris vs 37% only in France

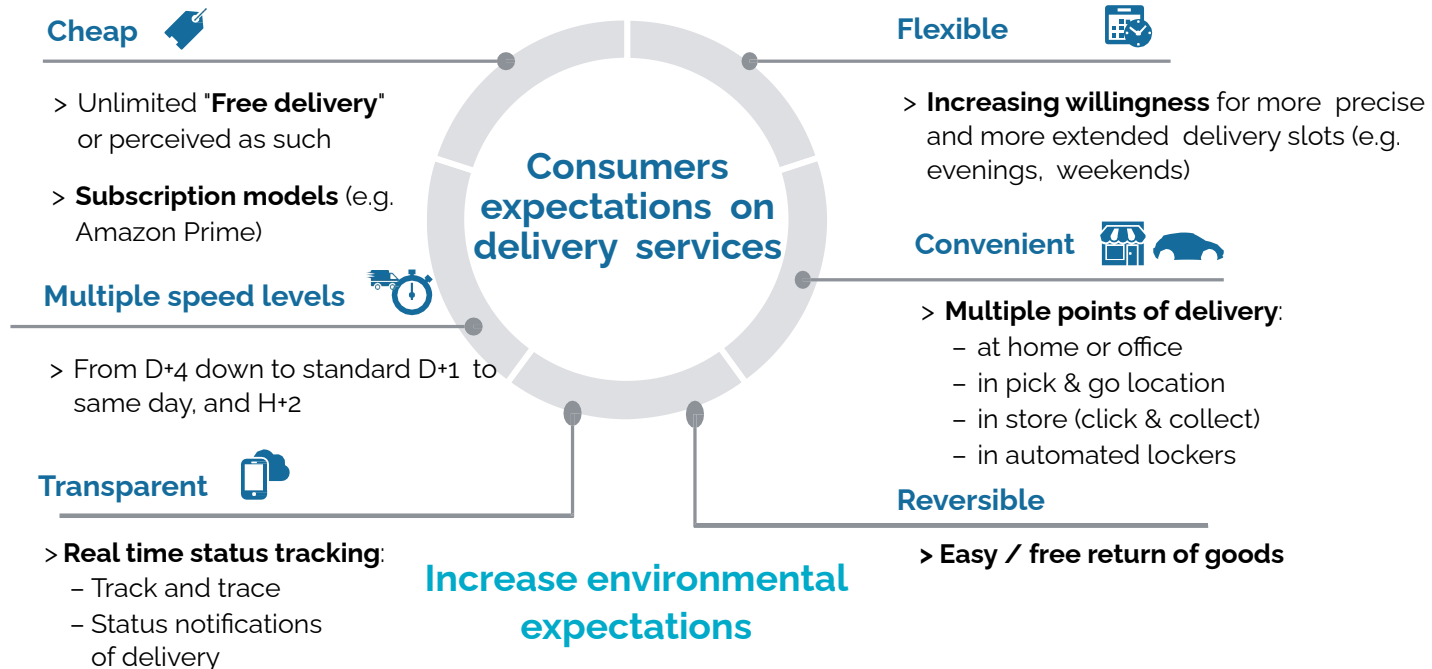
% of e-shoppers having purchased by delivery mode over the past year



Challenge #3

E-commerce leaders have defined high B2C delivery standards

Customers expectations in terms of delivery service :
Free / D1 or H2 / Multiple Points of Deliveries / Free Returns

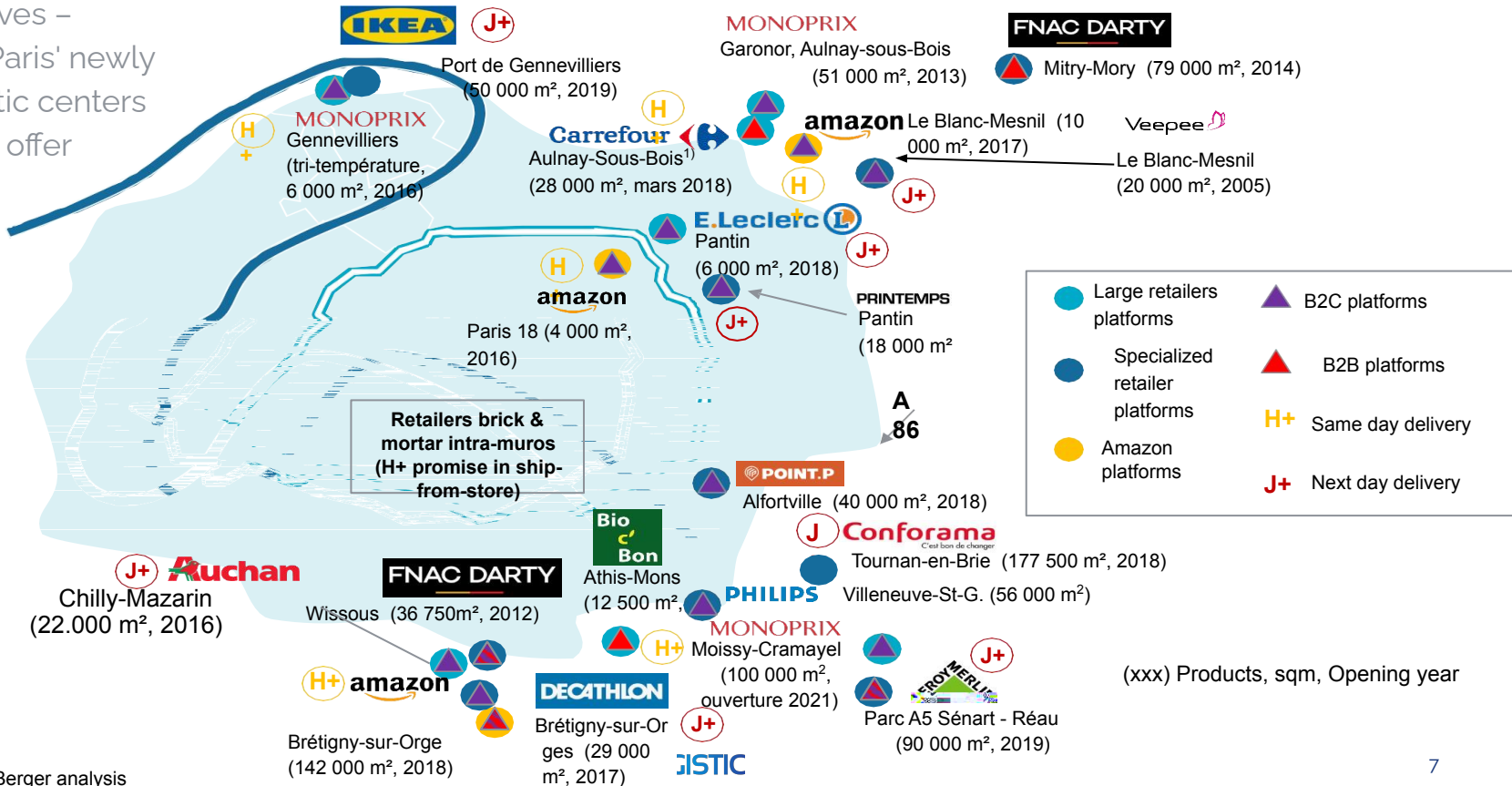


Challenge #4

Retailers are opening logistics centers to increase delivery speed

Private initiatives –

Mapping of Paris' newly opened logistic centers from retailers offer

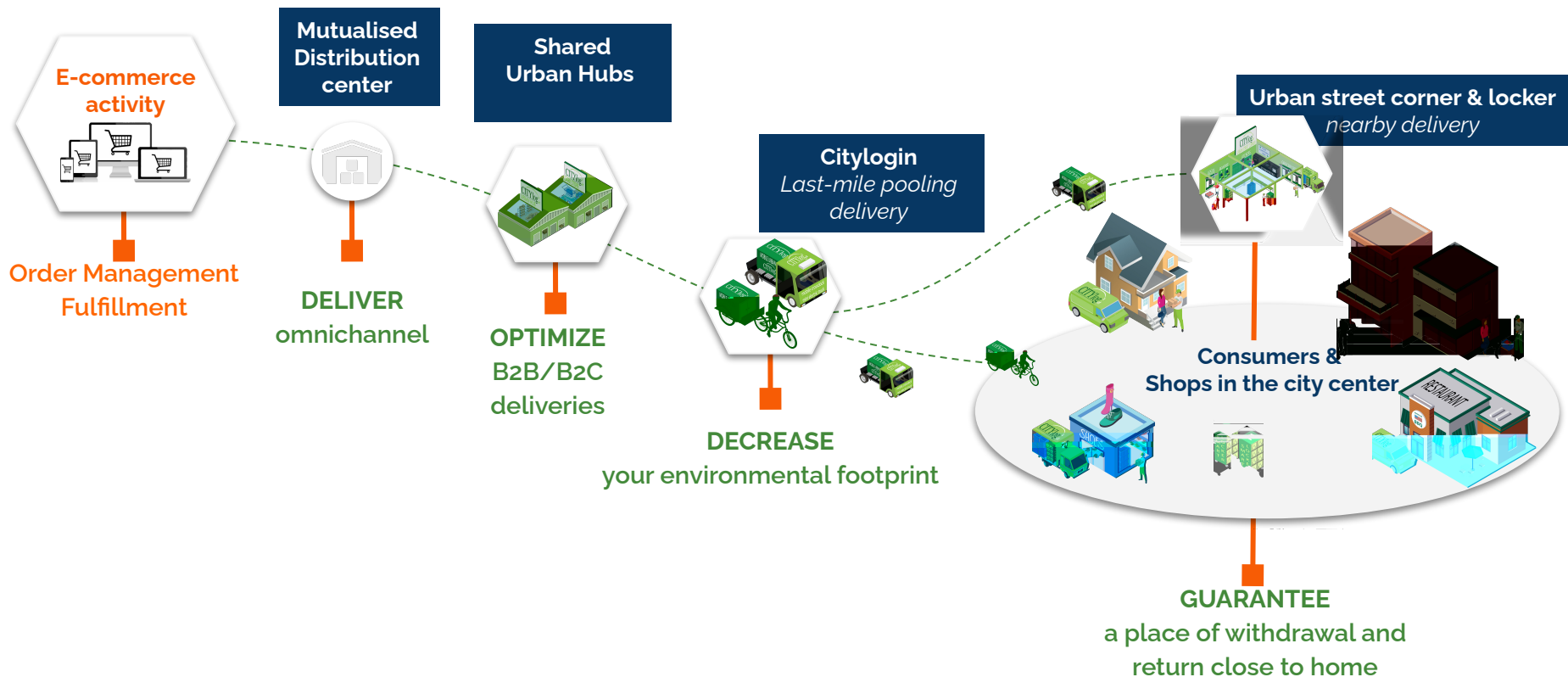


A woman in a warehouse setting, wearing a bright orange high-visibility vest and red pants, is standing on a self-balancing scooter. She is holding a tablet and looking at it. The warehouse has high blue metal shelving units filled with stacks of white boxes. A large blue arrow graphic points from the top left towards the center, with the number '2' inside it.

2

PLUME, using constraints to reinvent logistics

Mutualised omnichannel supply chain solutions & operations





FM ➤ LOGISTIC

Novaxia



Strong social and environmental impact

Sustainable building, reuse of materials, professional integration, green deliveries, diversity of uses

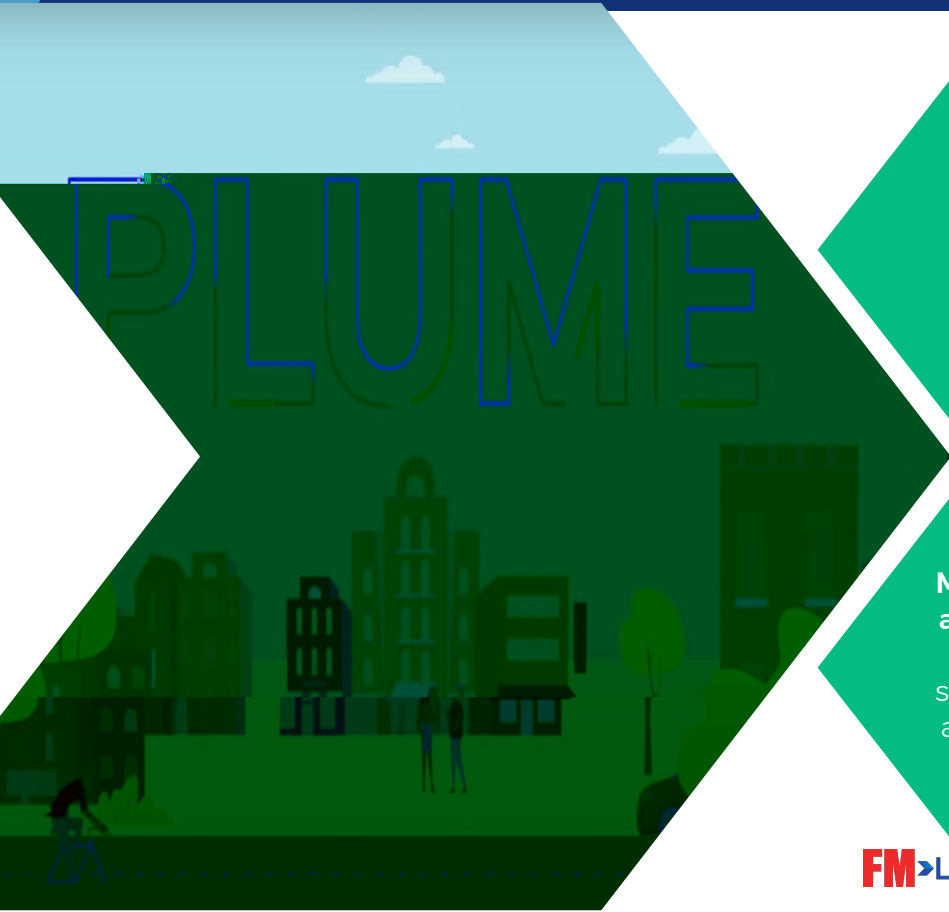
Using complementarity for a sustainable, modular and temporal logistics solution



Using cities' potential to invent the urban logistics of tomorrow



Loading



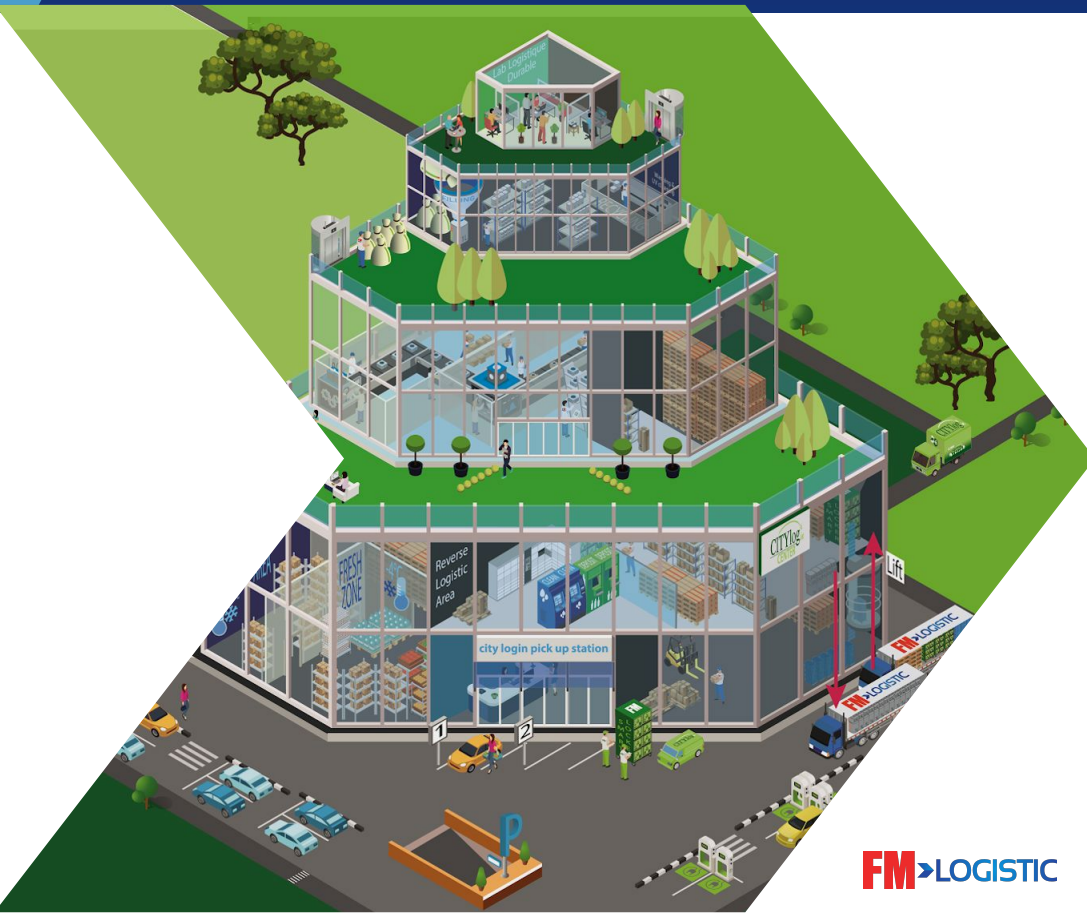
One or more PLUME sites

in the IDF region,
enabling the full
range of logistics
activities to be
deployed

**Modules that can
welcome the
public**, smaller but
in ultra-urban areas
(city centers)

**Modules requiring
a large number of
m²**: cross dock,
storage, copacking
area in non-dense
urban areas

> **Replicable
in France
and in
Europe**



THANK YOU