

# **The triple helix in city distribution**

**Cathy Macharis, Gabriela Barrera,  
Julius Menge**

# Main challenges for local authorities

**Lack of integration and coordination transport policies, institutions**

**Lack of data, consistency and robust evaluation**

**Clear role definition, limited resources, dedicated staff**

**Wide range actors, needs and possible solutions**

**Long-term strategies, planning and measures implementation**

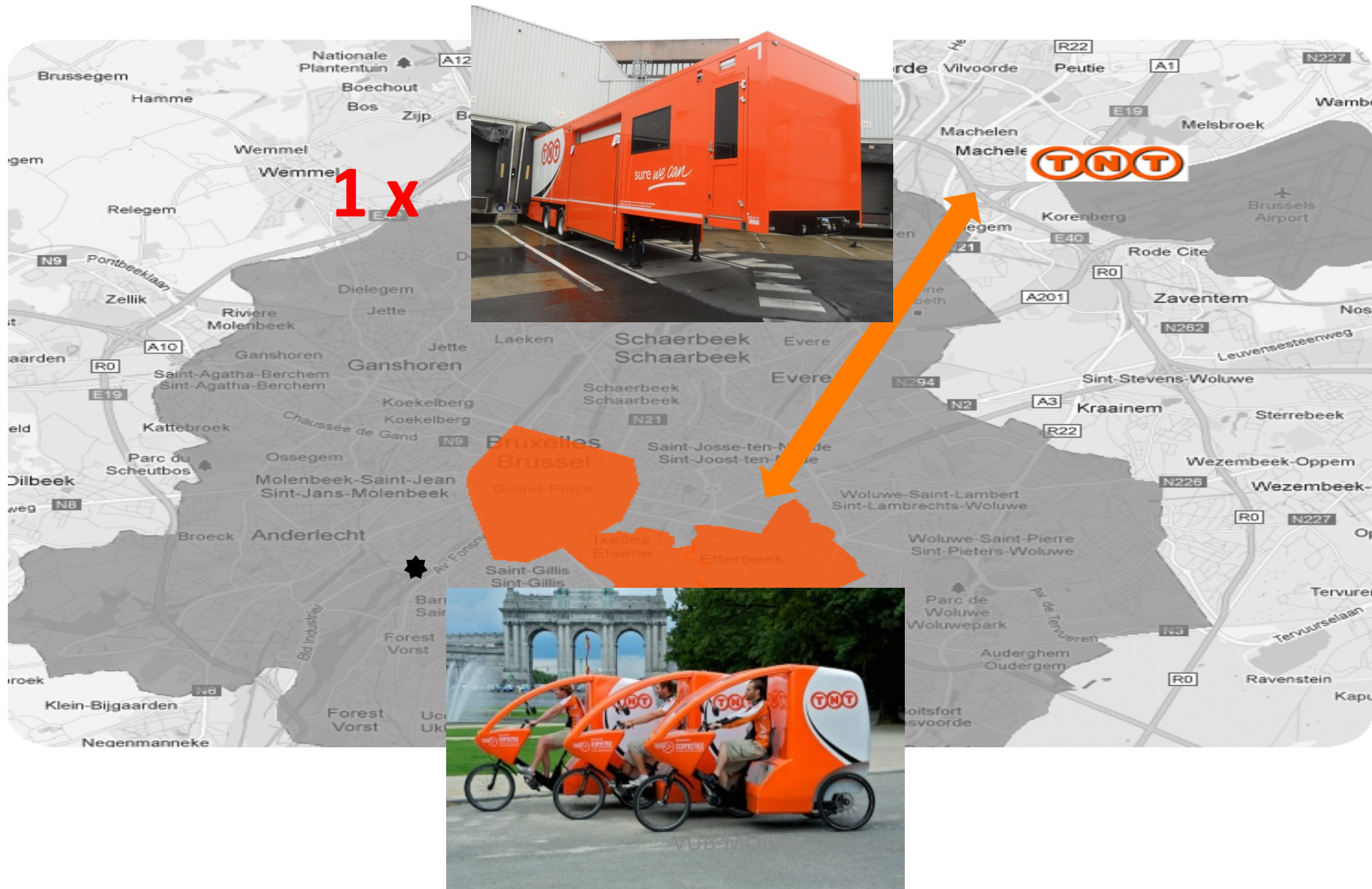


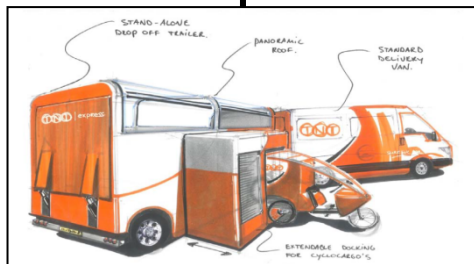
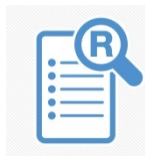


# The Brussels case



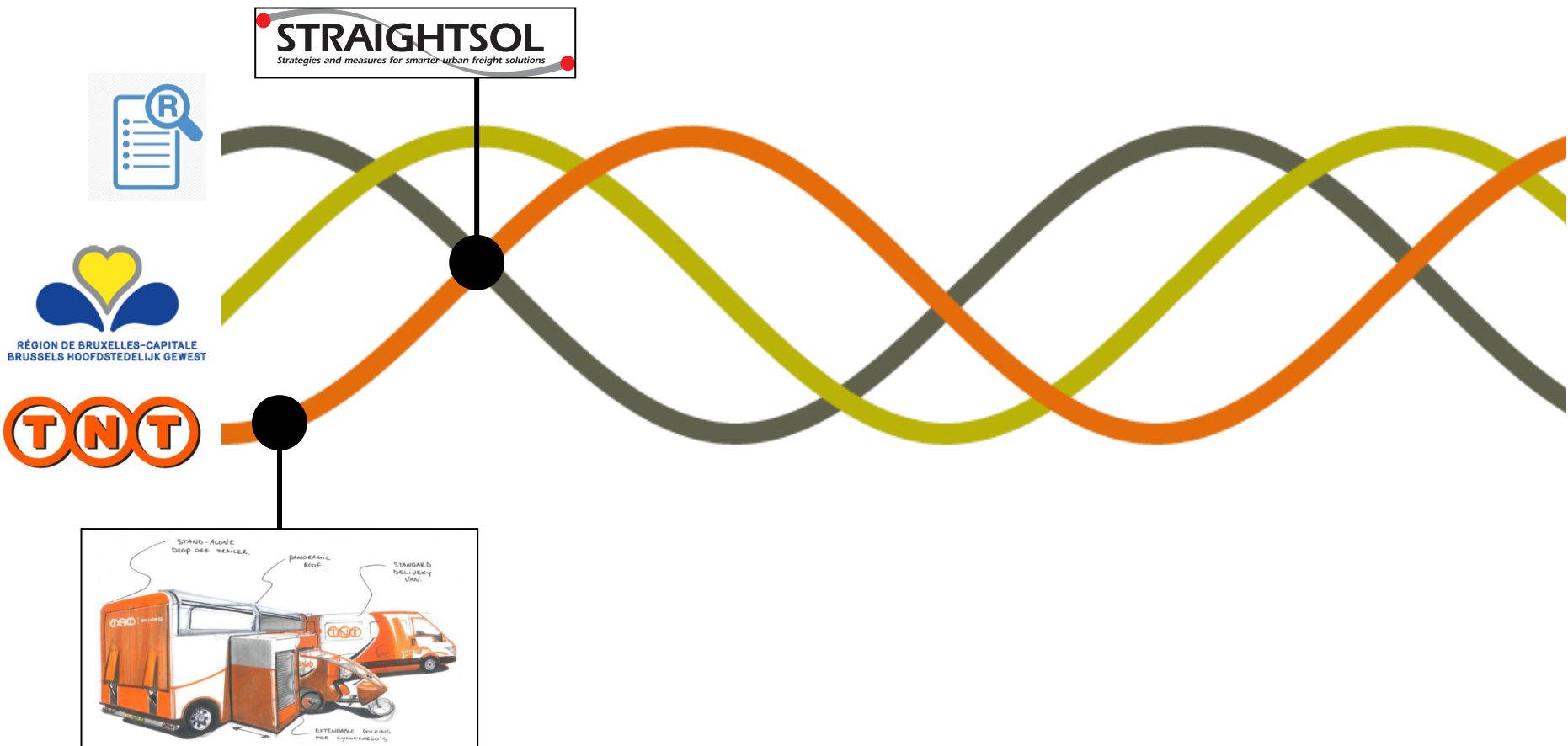
# Mobile depot





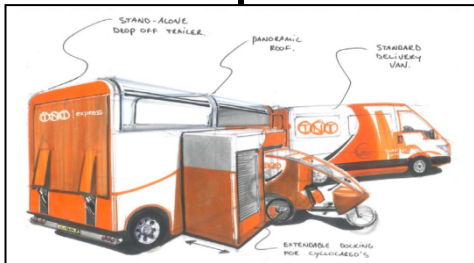
VUB-MOBI





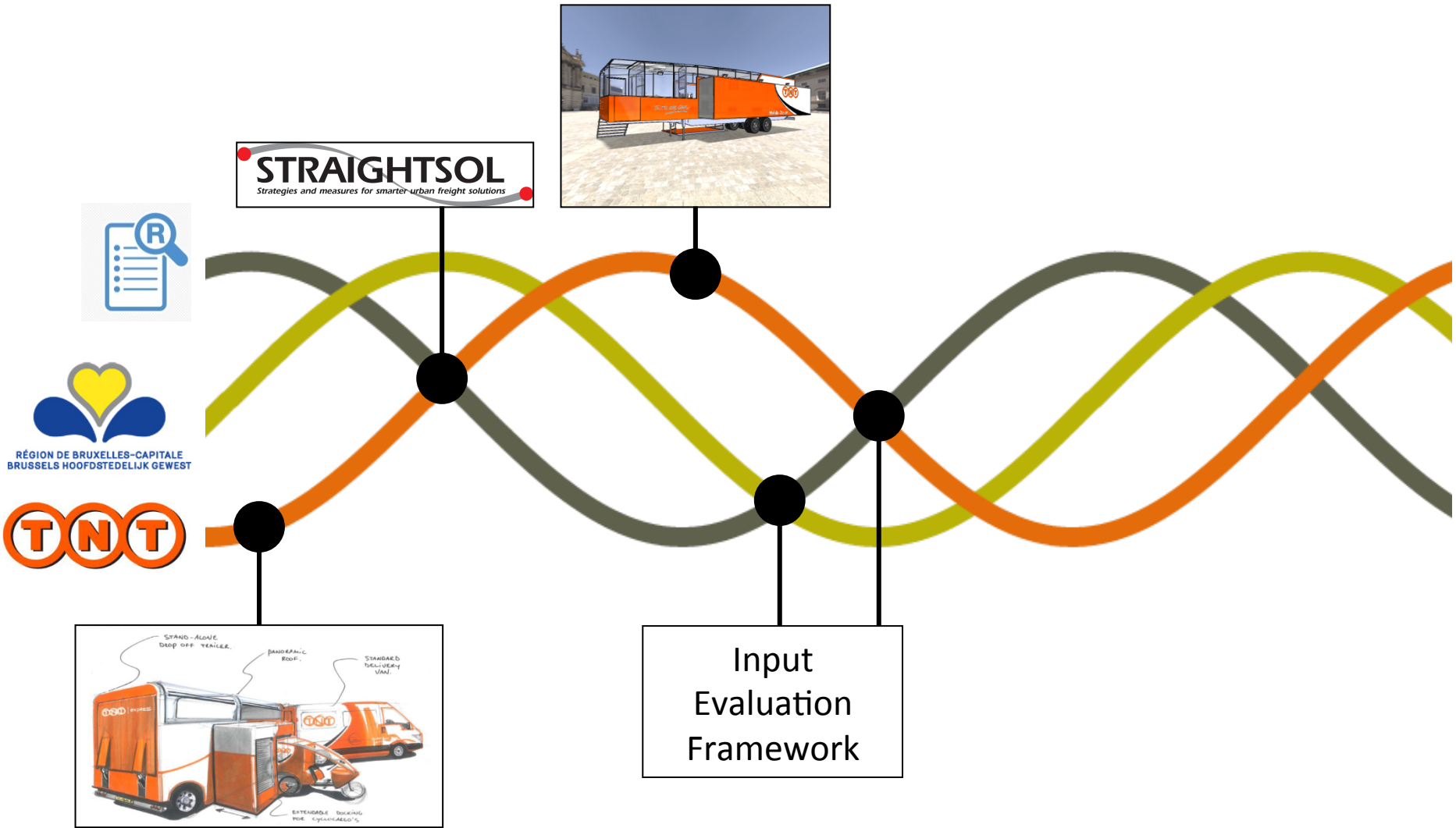


**STRAIGHTSOL**  
*Strategies and measures for smarter urban freight solutions*



VUB-MOBI

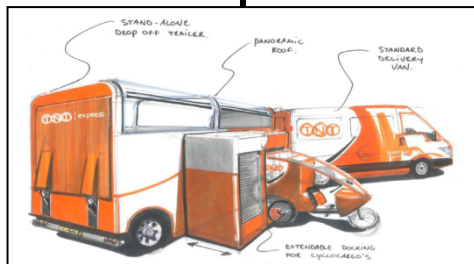
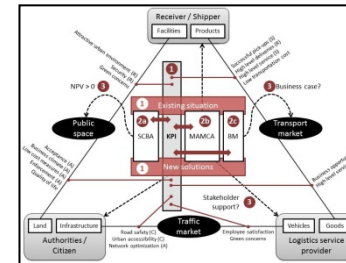
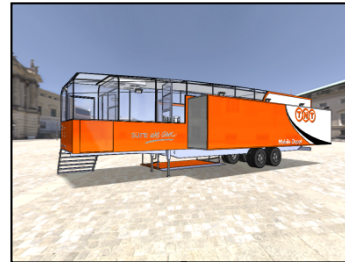




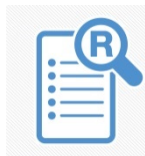


## STRAIGHTSOL

Strategies and measures for smarter urban freight solutions

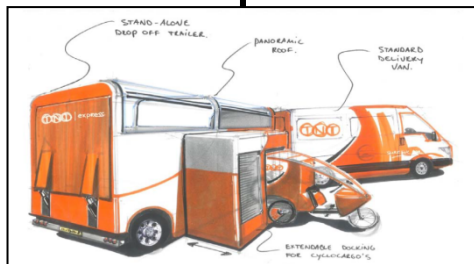
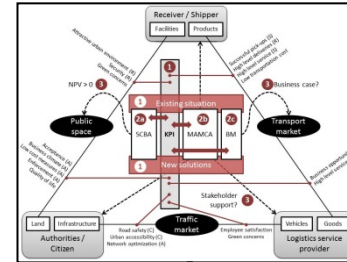


## Input Evaluation Framework

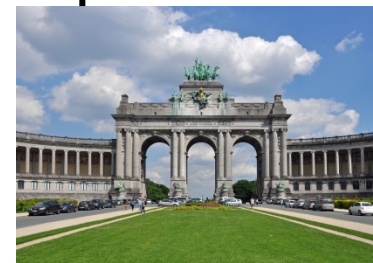


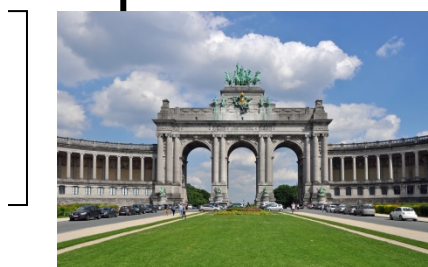
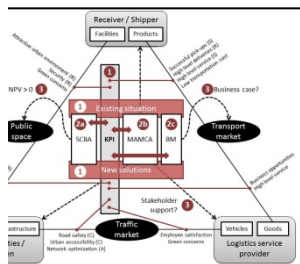
## STRAIGHTSOL

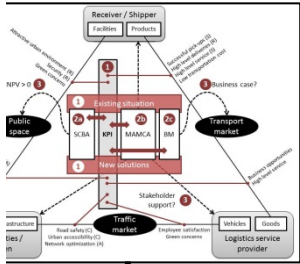
Strategies and measures for smarter urban freight solutions



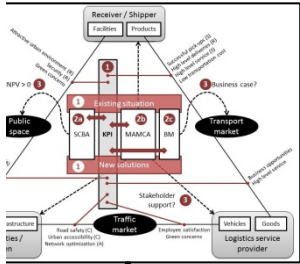
## Input Evaluation Framework







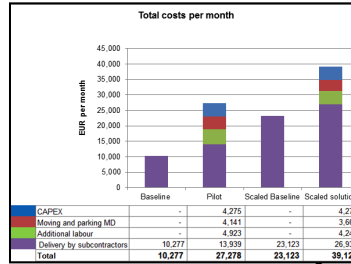
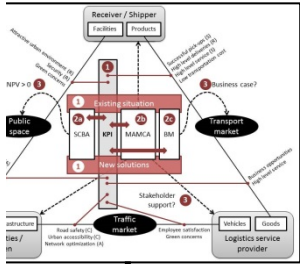
Data  
Collection



Data  
Collection

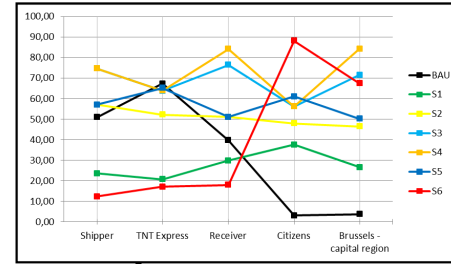
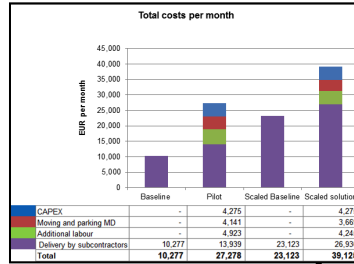
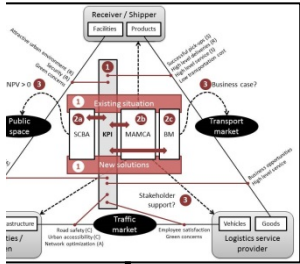
Input  
Evaluation





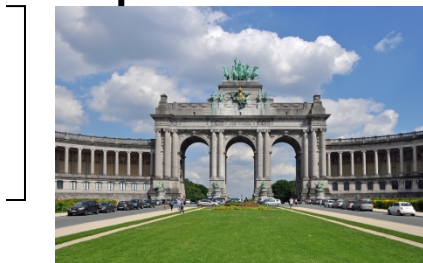
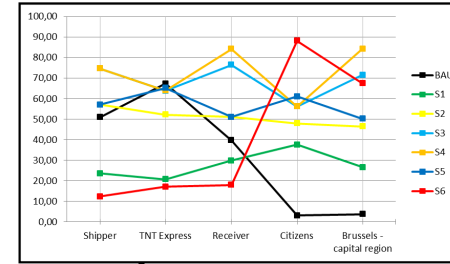
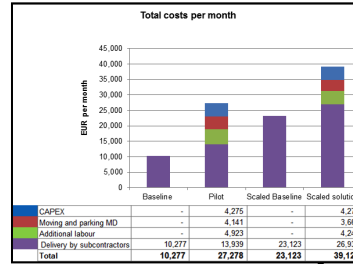
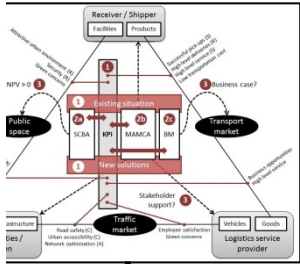
Data  
Collection

Input  
Evaluation



Data Collection

Input Evaluation

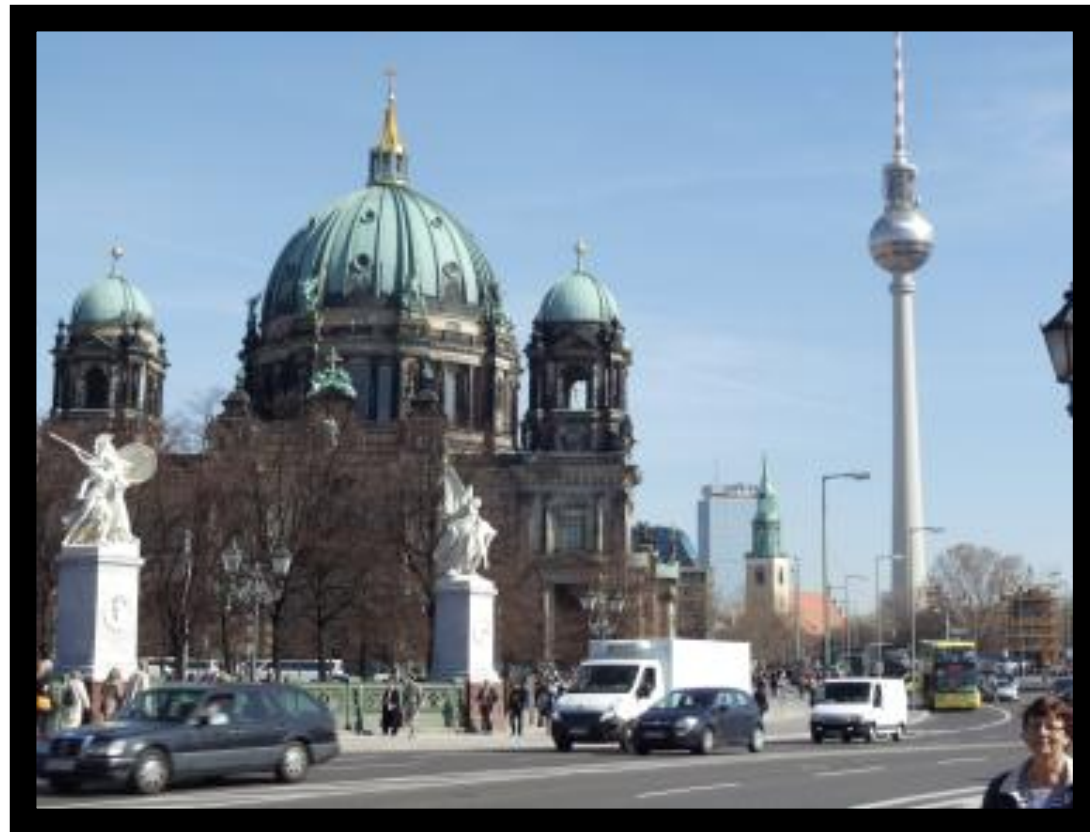


Data Collection

Input Evaluation



# The Berlin case





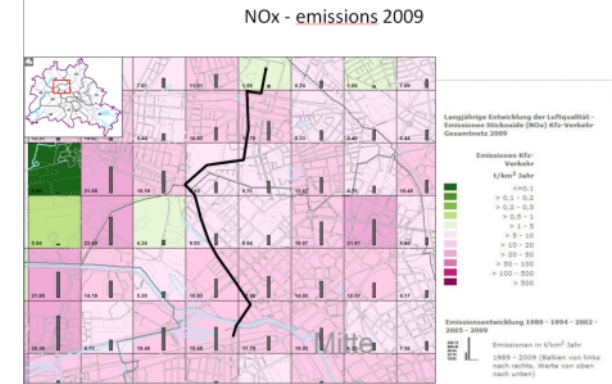
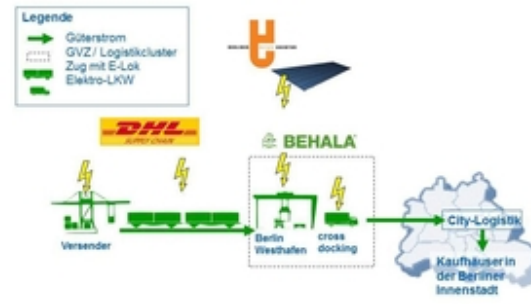
be  Berlin

 **BEHALA**

Urban  
Commercial  
Transport  
Concept

Status Analysis;  
discussion of  
possible solutions





be Berlin

**BEHALA**



Joint stakeholder workshop with shippers, logistic service providers, different authorities (air quality management, noise action plan, transport department), chamber of commerce, research, car manufacturers...

Project definition:  
Full electric  
transport chain

Input Evaluation  
Framework; data  
collection





be  Berlin

 BEHALA

Vehicle test to adjust  
vehicle to specific  
needs for Berlin

Vehicle procured;  
Aim: Tangible showcase  
to get from felt reality to  
clear data and structured  
discussion

Begin of real life  
operation  
and data collection in  
August 2014

<http://kvechain.de/>

VUB-MOBI

# DISCUSSION

**Do we have all  
the actors?**

media



Banks and insurances



**Which seeds are needed  
for the Helix to grow?**



**What is the ideal  
environment for these  
seeds to grow?**

**Which role for  
each of these  
actors?**





**What does the  
evaluation framework  
have to take into  
account?**





**How to come to  
collective actions?**

Which role for  
each of these  
actors?

What does the evaluation  
framework have to take into  
account?



Which seeds are  
needed for the  
Helix to grow?

What is the ideal  
environment for these  
seeds to grow?

How to come to collective  
actions?

# The triplets....



EUROPEAN CITIES AND REGIONS NETWORKING  
FOR INNOVATIVE TRANSPORT SOLUTIONS



Gabriela Barrera  
Phone: +32 2 500 56 77  
Email: [gbarrera@polisnetwork.eu](mailto:gbarrera@polisnetwork.eu)  
[www.polisnetwork.eu](http://www.polisnetwork.eu)  
<http://twitter.com/#!/Polisnetwork>

Dr. Julius Menge  
Berlin's Senate Department for  
Urban Development and Environment  
Principle Affairs of Transport Policy  
VII A W, Commercial Transport  
Am Koellnischen Park 3  
10179 Berlin / Germany  
Tel.: +49 (0)30 9025 - 1566  
Fax.: +49 (0)30 9025 - 1675  
e-mail: [julius.menge@senstadtum.berlin.de](mailto:julius.menge@senstadtum.berlin.de)



**Prof. Cathy Macharis**

**Phone:** +32 2 629 22 86

**Email:** [Cathy.Macharis@vub.ac.be](mailto:Cathy.Macharis@vub.ac.be)

**Office:** Building B (2.20)

## Get in touch with us

### Address

MOBI

Pleinlaan 2

1050 Brussels

### Website (new!)

<http://mobi.vub.ac.be>

