

# Summer Academy



**Buildwise**



Brussels 26 september 2023

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“moving goods  
in a viable city”

Shipit in short

**Why this project** or **where** is the “pain”

**How** did we approach the challenge

**What have we done** - some examples

Impact & future

Questions

# Almost 20 years, of realising “healthy” modal shift

Revenues Shipit

€12.500.000



BULK



PAPER



PROJECT CARGO



URBAN LAST MILE

€2.500.000

€

2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022\*

- Liquidity (CR) 2,55



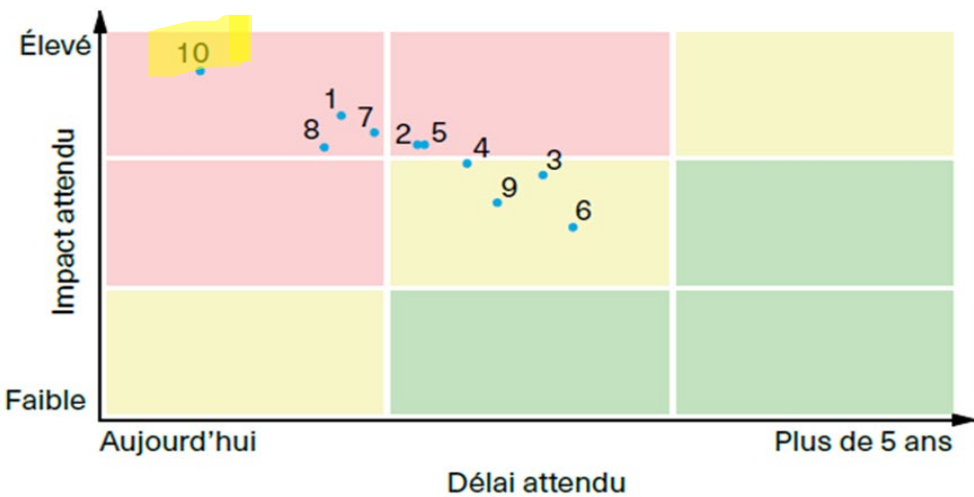


“We are the **first generation** to feel the effect of climate change and the **last generation** who can do something about it”

A handwritten signature of Barack Obama in black ink.

Barack Obama  
*Former US president*

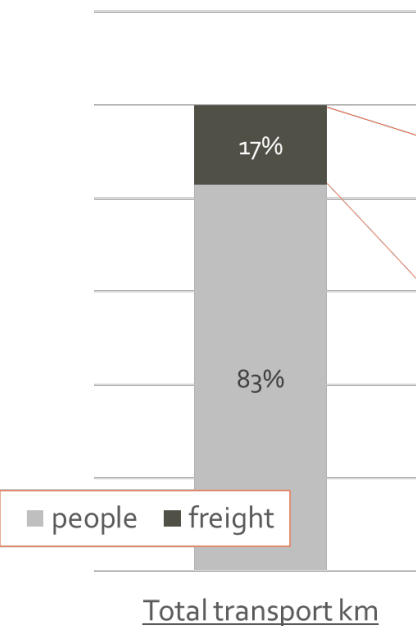
# Urgent impactful actions to be taken in the supply chain of a.o. the construction industry



- |   |   |
|---|---|
| 1. Guerre des talents                   | 6. Formes de logement du futur                  |
| 2. Numérisation                         | 7. Complexité juridique                         |
| 3. Industrialisation de la construction | 8. Orientation client du secteur                |
| 4. Collaboration plus intense           | 9. Réévaluation du modèle économique            |
| 5. Durabilité                           | 10. <b>Modification de la chaîne logistique</b> |

Organizing the supply chain is most urgent / important

## BRUSSELS



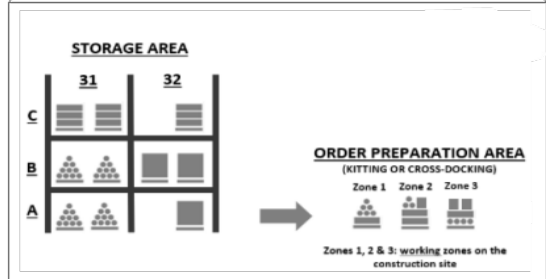
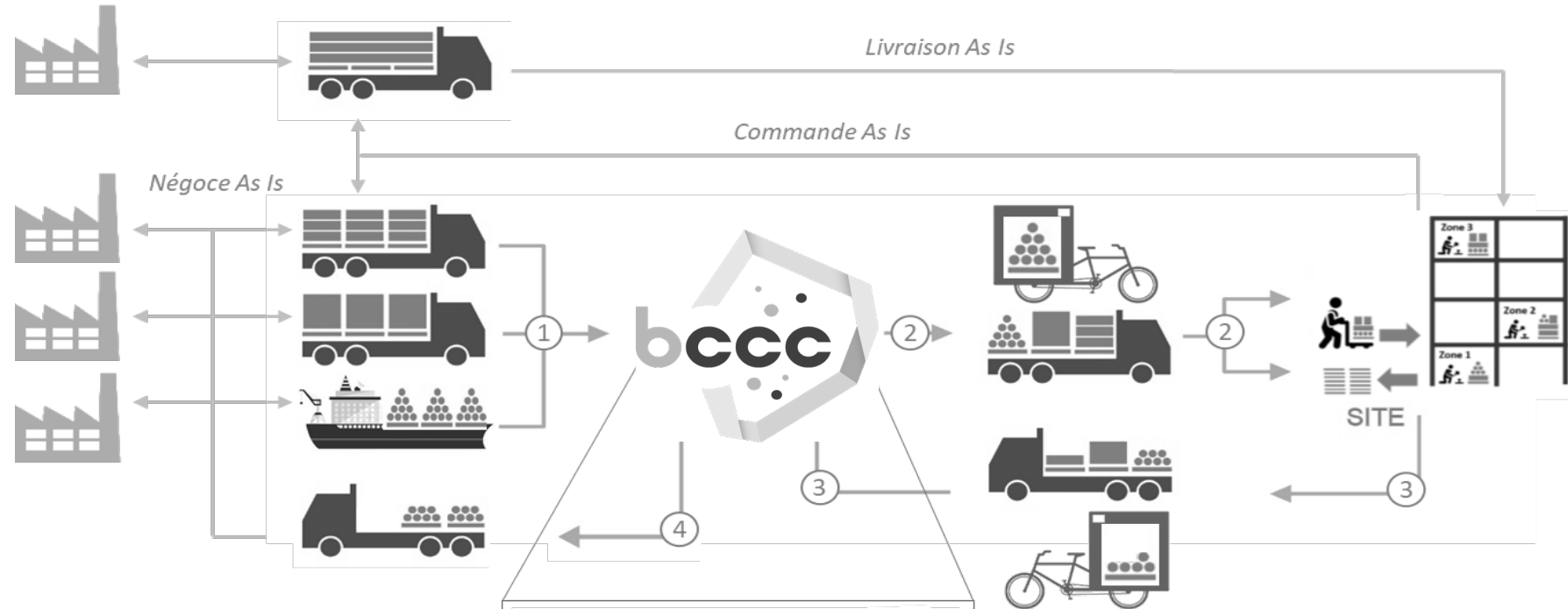
**Daily;**

- 16,000 dieseltrucks (+25% = construction related)
- 3,000 dieselvans

- 41% of NOx emissions
- 30% of PM emissions
- 29% of carbon emissions

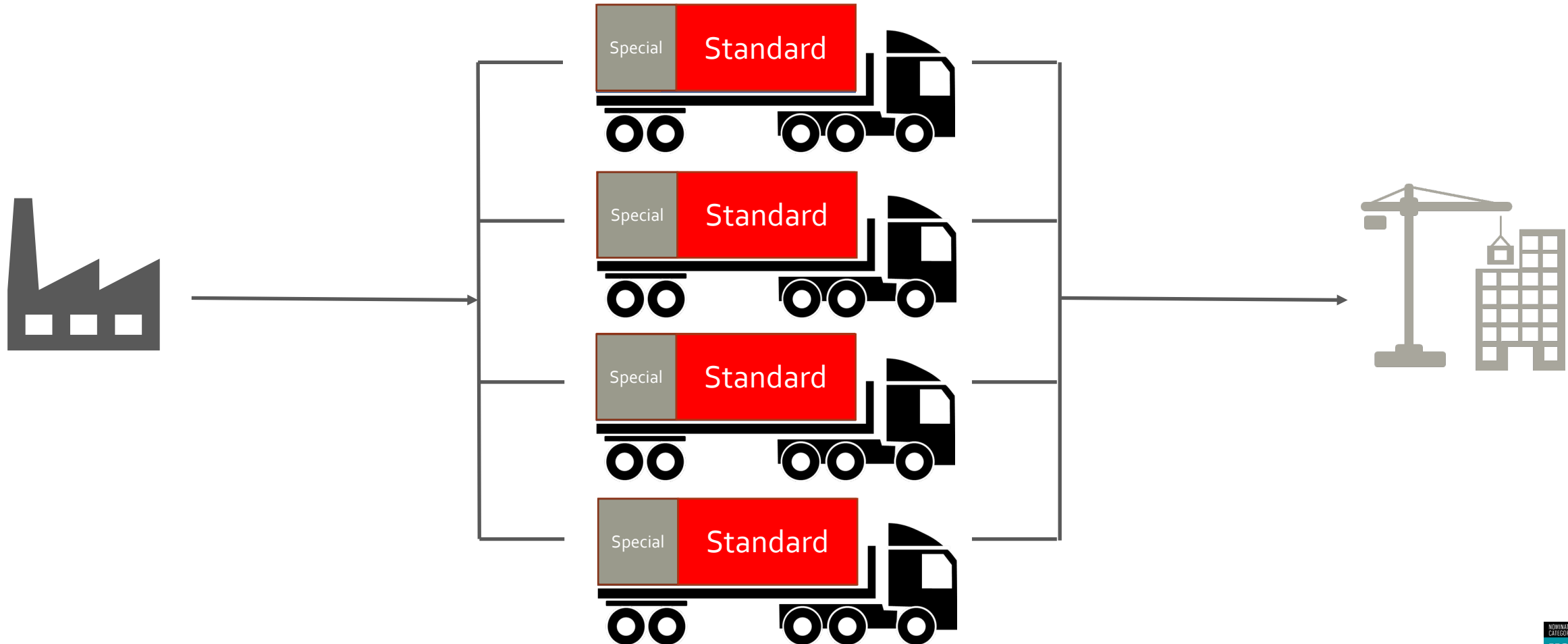
Most trucks arrive at destination for less than 50 % loaded

# That's why we created the **BCCC**

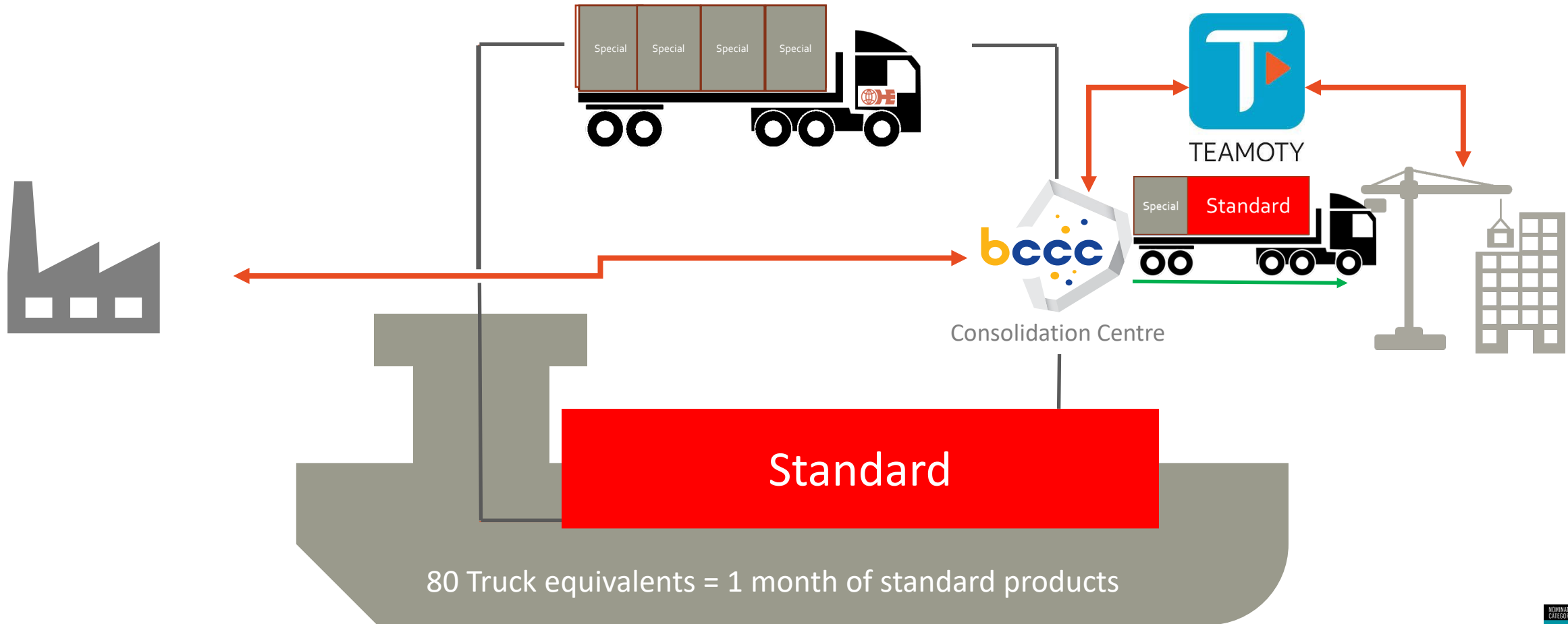




# Impact on structural works: residential construction site; 80 trucks / month (*4 trucks / day*)



# Standard pieces via **ship**, specials via **truck** + *supply chain digitalized, last mile consolidated*





# Well located along the Brussels Canal

- At < 5 km,
  - 70% Population
  - 70% Construction sites
- Easy access to the city



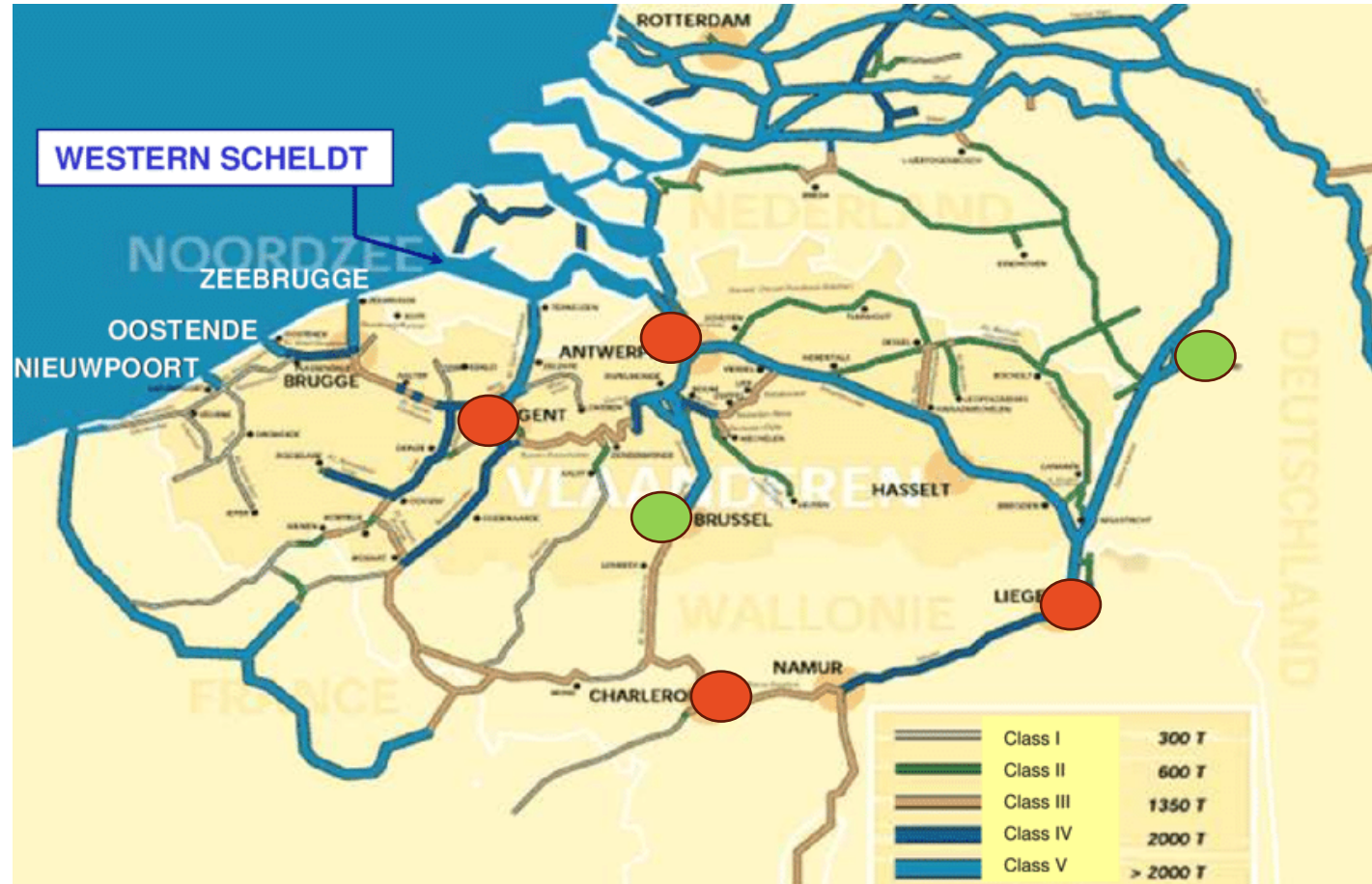
# Scaleable in Belgium and beyond

Antwerp

Ghent

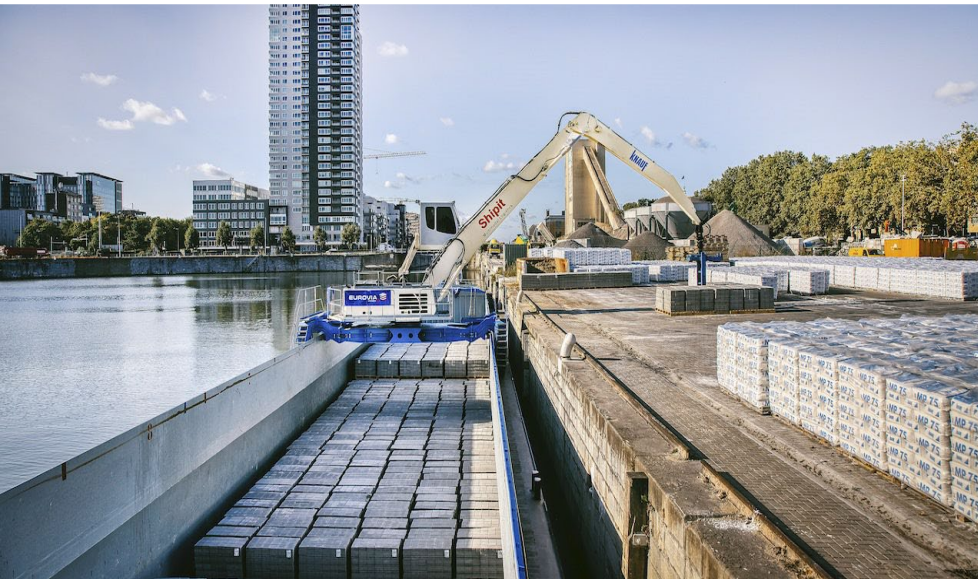
Liege

Charleroi





# EX 1: +1000 tons of street tiles loaded in Ghent, only 2 days later at destination in Brussels



Brussels North terminal



# EX 2: Unloading Xella blocks in Anderlecht



## Brussels South terminal



# Ex 3: Circular building,



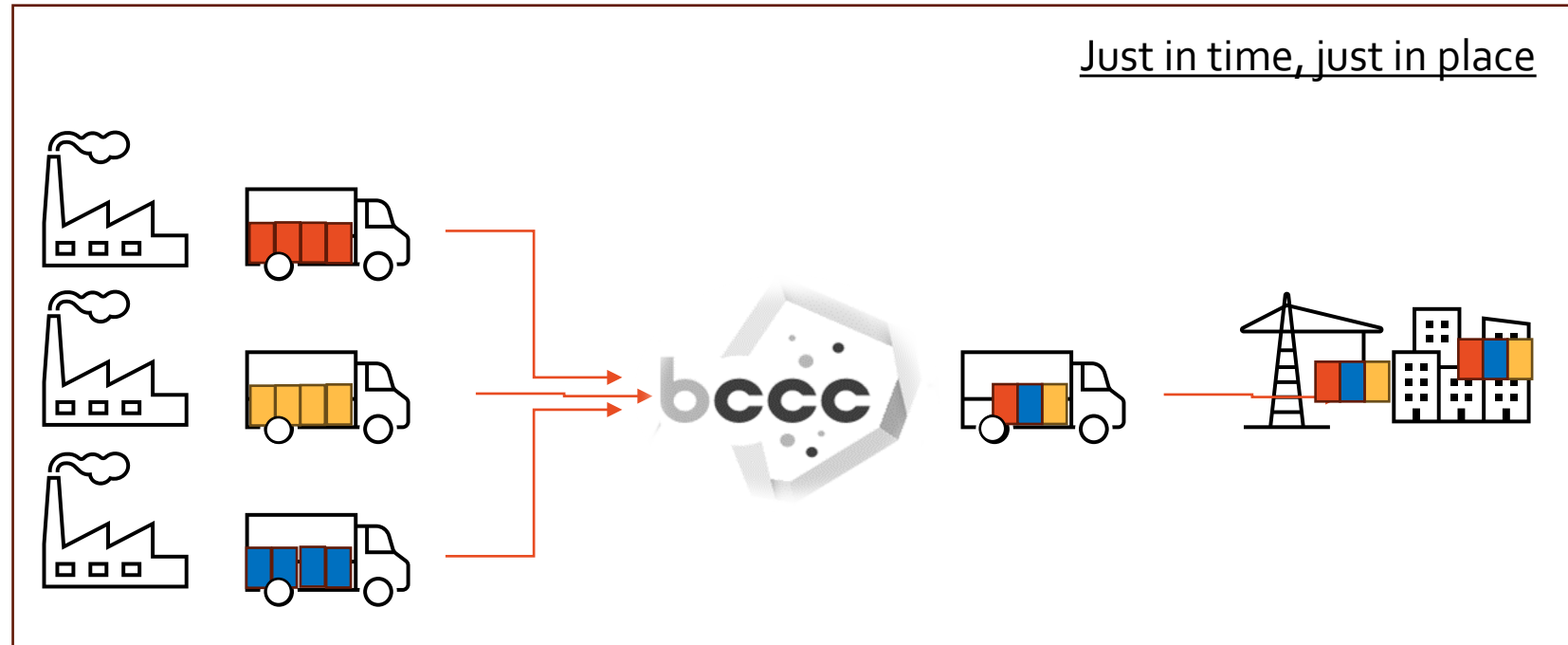
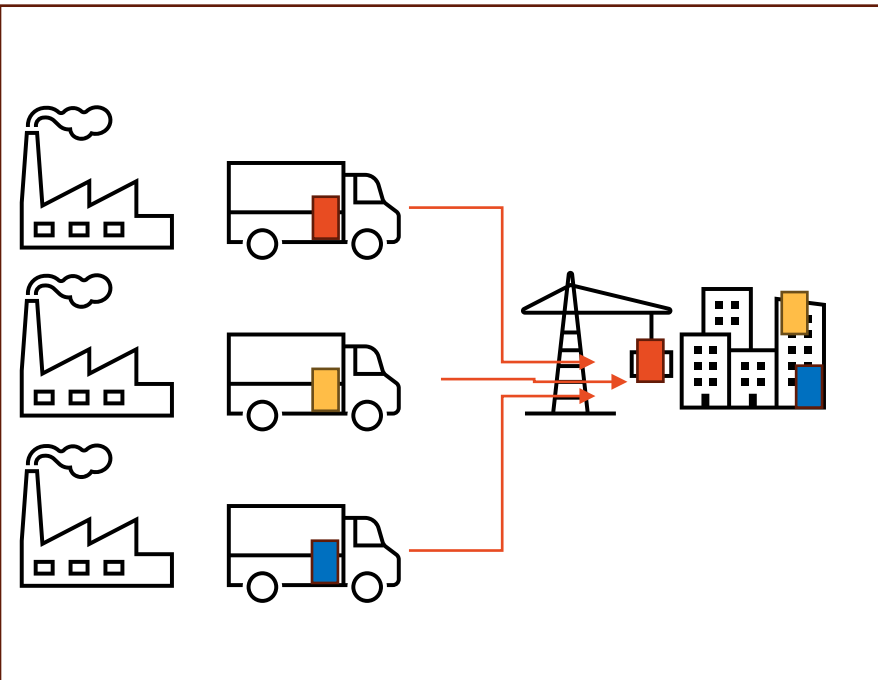
WTC: 700 tons concrete cleaned / re used (1 ton = 75 kg CO<sub>2</sub>)



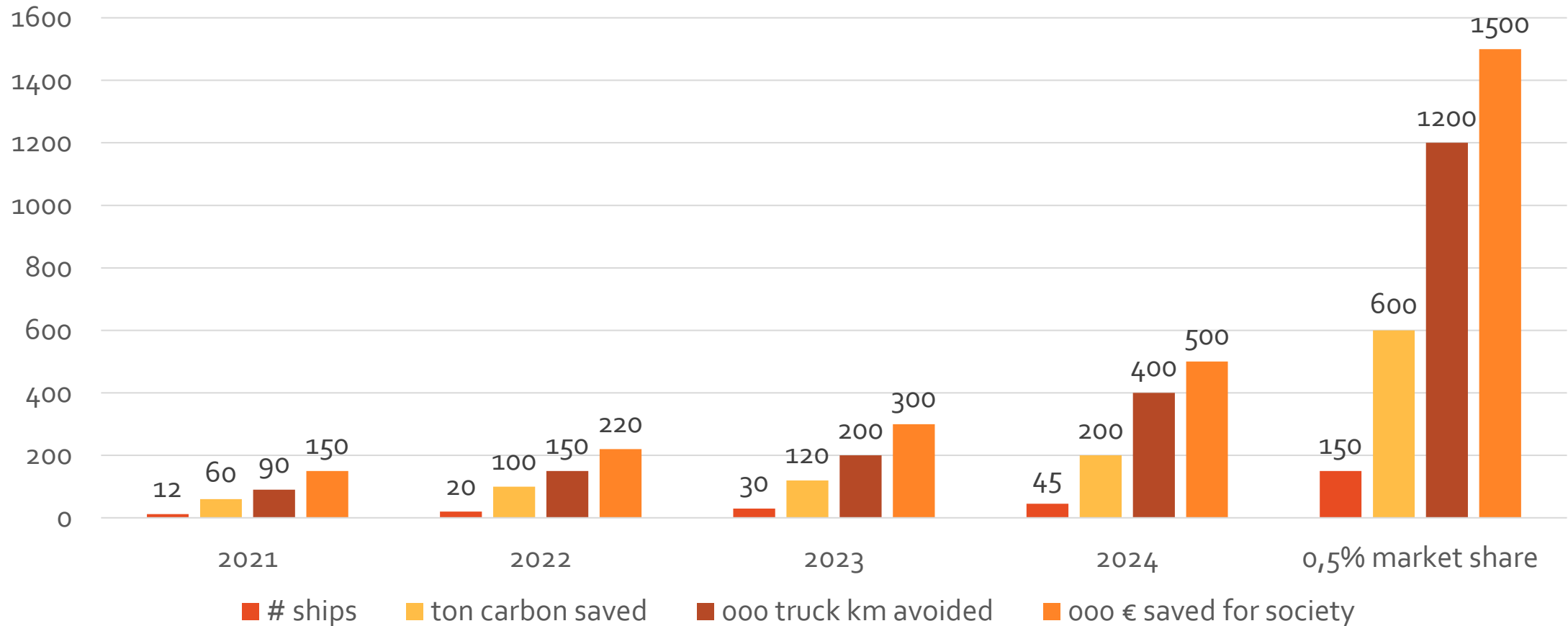
Pompidou: 3 ships of outside walls, to be cleaned & re-used



# Ex 4: Kitting, starting up in december 2023



# This initiative for the **construction industry** is meaningful !



# Projects for the future



Finishing (Kitting) +  
reverse logistics



ADVICE on Urban  
Logistics



Consumer products via  
waterway



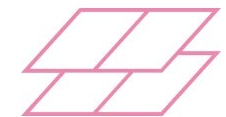
Increase volume, start  
new cities & diversify



Publish best practice  
studies







# Promising CUSTOMERS



# Green deal for Low Emission Urban Logistics, we signed, and we “thick the boxes”



Awareness	Towards contractors, real cost, communication	
Avoidance	25 million KM & 10,000 tons of carbon can potentially be avoided	
Act and shift	Volumes from road (diesel) to water and last mile (partly electric)	
Anticipation of new technologies	Digitalisation of logistics in the construction industry	





LOOKING FORWARD TO A BRIGHT FUTURE