



CiViTAS
Cleaner and better transport in cities

**DONOSTIA-
SAN SEBASTIÁN**



THE CIVITAS INITIATIVE
IS CO-FINANCED BY THE
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CIVITAS Forum

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Malmö (Sweden)

Iratxe García, Basque Logistics Institute

Donostia - San Sebastian

CIVITAS ARCHIMEDES

Introduction

- **Area Description**
- **Typical Solutions**
 - Signposting for correct directions
 - 4 cameras that will control the exit points
 - Unification into 3 specific time windows
 - Increase of the control of the loading and unloading operations
 - Night distribution
- **Innovate Ideas!**
 - Bicycle couriers
 - Distribution centre
 - Cargo-bikes: Effective and ecological → txitrans
- **Diffusion**



M.65 Efficient Goods Distribution

Donostia – San Sebastian

CIVITAS ARCHIMEDES
CONSORTIUM



Donostia – San Sebastian

CIVITAS AREA Two zones two different characteristics



City Centre

- Pedestrian zones
- Streets only for PT
- Lots of commerce
- Occupied loading and unloading zones



Old Town

- Pedestrian zones
- Streets very narrow
- Lots of small commerce
- Very strict timetable for the loading and unloading



Typical Solutions

**Signposts indicating the correct directions
cameras that will control the exit points**

- Currently, there are no regulations for the direction of traffic
 - The streets are narrow and vans travelling in opposite directions causing the streets to congest
 - Problems with pedestrians during loading and unloading times.

Solution: Signposts indicating the correct directions
- Drivers not complying with exit time-windows
 - They only leave the town centre when the police take action.

Solution: CCTV cameras to control compliance with the exit time-windows



Typical Solutions

Unified into 3 specific time windows

The streets had different time windows and depending on which part of the street you parked, the timetable was also different.

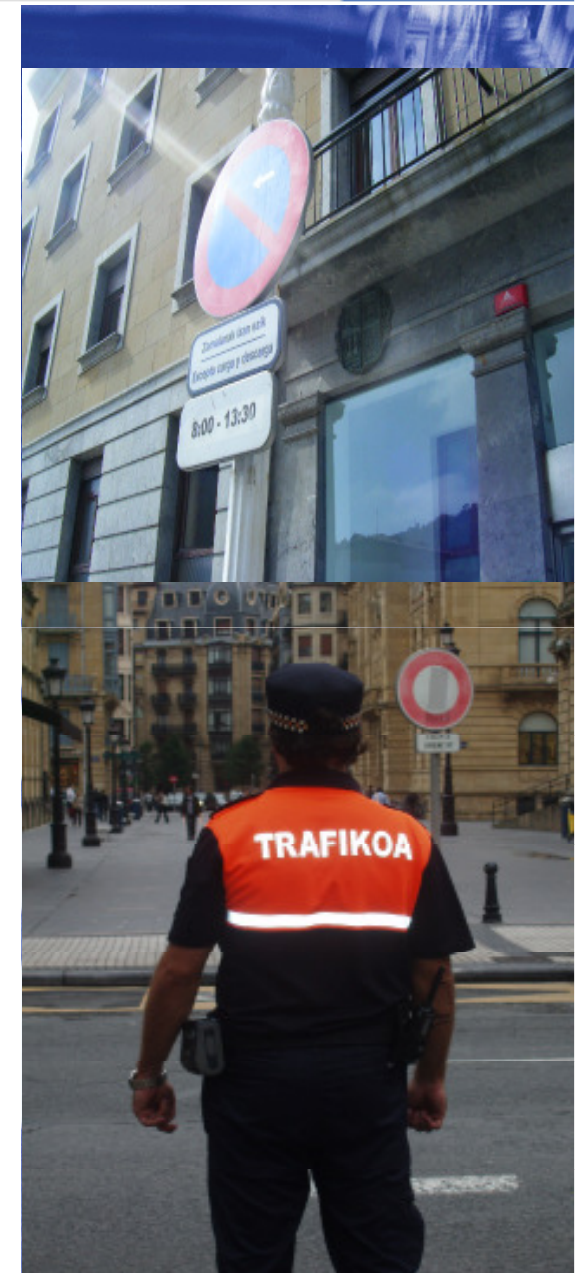
Now each zone of the city centre has been unified into 3 specific time windows

Horizontal and vertical signposting and information

where and when

Increase of the control of the loading and unloading operations

The hiring of 60 new mobility officers has released the loading and unloading areas of the occupation of private vehicles.



Typical Solutions

Night Distribution

- The San Sebastian city council has created a night distribution protocol.
 - 4 companies are currently distributing at night without any regulations
 - The night distribution would preferably take place between 07:00-08:00 AM and/or 21:00 to 22:00 PM
 - Shortly we will participate in a pilot test with a problematic supermarket.



Innovate Ideas

Bicycle Couriers, PEDAL

- Document transport
 - The company's philosophy is clear: zero CO2 emissions.
 - The CO2 saved by bicycle messengers compared to those on motorcycles over the same distance per working day is calculated at 5 tonnes per year
 - Currently 500 packets are transported per day



Innovate Ideas

Distribution Centre

- A municipal building has been specially equipped for the reception of goods in bulk and their posterior delivery with effective, ecological vehicles.
- An operator has been given a 2 years licence to exploit the installation.
- This site is located in the city centre.
- The site covers approximately 500 m².



Innovate Ideas

TXITRANS, Cargo Bikes

The vision of the Txita company is, to improve the quality of life, and sustain economic and social activity in a pollution free way.

The pedal assisted Cargo-Cycle “Txitrans” can transport up to 180 Kg.

Speed – quality – flexibility

The txitas can access the city at anytime, anyplace, anywhere. It can travel by road or “bidegorri” the extensive network of cycling paths which makes delivery **quick and easy**.



Innovate Ideas

TXITRANS

6 vehicles, 12 tonnes of CO2 less, 100's of reasons to be happy

- Currently, we have 6 vehicles transporting goods throughout the streets. 3 contracts with delivery companies and negotiating many new contracts
- In less than two months txitrans has moved more than 5.000 packages. The Objective is to move 100.000 per year.
- Txitrans is the first Company of this type in the whole of Spain, which has created a lot of media interest. 5 city councils are intending to implement this system
- The increase in Txitrans vehicles in the city will improve the quality of life, make the air cleaner and create local employment.



Thank you!

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