



Co-funded by the Intelligent Energy Europe Programme of the European Union



INTERPORTO  
PADOVA SPA  
LOGISTICS OPERATOR



[www.cityporto.it](http://www.cityporto.it)  
[www.interportopd.it](http://www.interportopd.it)

## *Cityporto Padova*

Freight mobility in urban areas

A successful model of citylogistics



Comune  
di Padova



Camera di Commercio  
Padova



Provincia  
di Padova



Regione del  
Veneto

# What Cityporto is



**An operating service of delivery of goods in urban area carried out with a fleet of hybrid and CNG (*Compressed Natural Gas - engines*) vehicles (vans); this Citylogistics service makes the consolidation of the deliveries of different transport operators to the old town, reducing the traffic of freight transport vehicles.**

# The role played by local Public Bodies



- Protocol of Agreement between the Municipality, the Province and the Chamber of Commerce of Padova, the local Public Transport Company (APS Mobilità), and Interporto di Padova
- Industrial Plan
- Local rules on freight mobility in benefit of Cityporto Padova
- Public fundings

## **Law 36/99 Regione Veneto**

*“ Regulations for the rationalization of freight transport and distribution aiming to reduce air pollution in urban areas”*

***Beginning of Cityporto Padova activities’  
21 aprile 2004***

# Cityporto's success keys



- ▶ **Stakeholder involvement**
- ▶ **Full support of Municipality (local rules on freight mobility in benefit of Cityporto Padova)**
- ▶ **Industrial plan focused on economic sustainability**
- ▶ **Voluntary subscription of the operators to the service**
- ▶ **Location of a freight village close to the urban area**
- ▶ **Gradual steps of implementation of the activities**





# The role of Interporto Padova



**Cityporto transit point is located inside the freight village area of Interporto Padova, just 2 miles outside the City Centre and close to the major highways.**

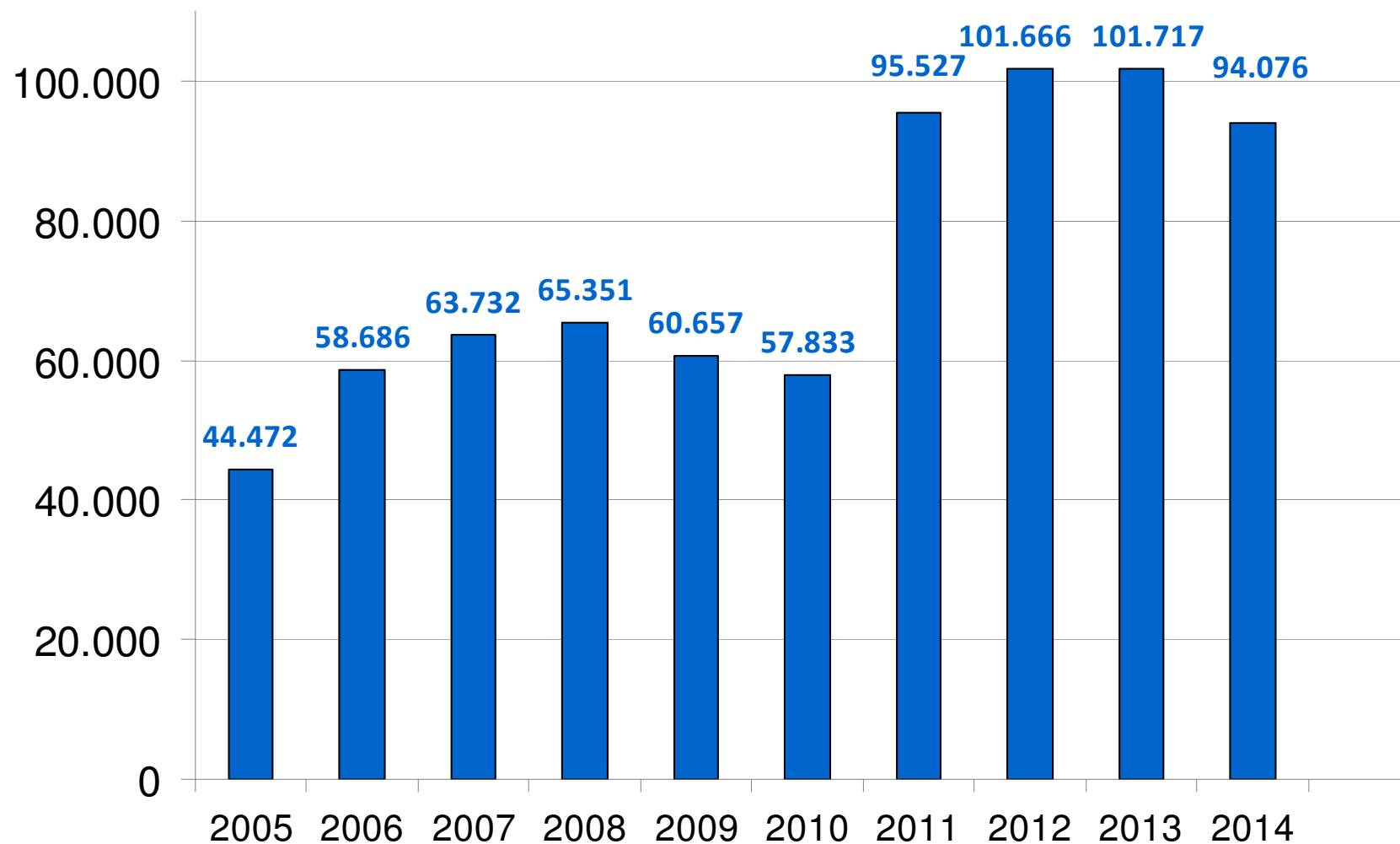
- ▶ **Strategic location**
- ▶ **Availability of logistics platforms**
- ▶ **Neutral role with freight transport operators**
- ▶ **Development of a dedicated IT System for Cityporto services**



# Statistics: deliveries/year trend 2005-2014



## Deliveries/year



# Gruppo CLAS

## Study for Ministry of Environment



The study pointed out a reduction of the length of the delivery trips and of the total amount of kms covered by freight vehicles, as follows (period 24 months):



*Ministero dell'Ambiente  
e della Tutela del Territorio e del Mare*

Reduction of kms covered:	<b>561400 km</b>
Daily average reduction:	<b>1216 km/day</b>
Reduction of gas consumption (less freight transport vehicles circulating):	<b>58200 litres</b>
Natural gas consumption of Cityporto CNG vehicles:	<b>3904 kg</b>



# Reduction of pollutants

Over the period analysed (24 months) Cityporto activity achieved a great reduction of pollutants, as follows:



Carbon Dioxide	<b>CO2: 219,65 Tonn.</b>
Nitrogen Oxide	<b>NOx: 369 Kg</b>
Sulfur Oxide	<b>SOx: 72,8 Kg</b>
Volatile Organic Compounds	<b>VOC: 210,4 Kg</b>
Particulate Matter	<b>PM10: 51,4 Kg</b>





# SMARTSET APPLICATION SITES | Padua, Italy

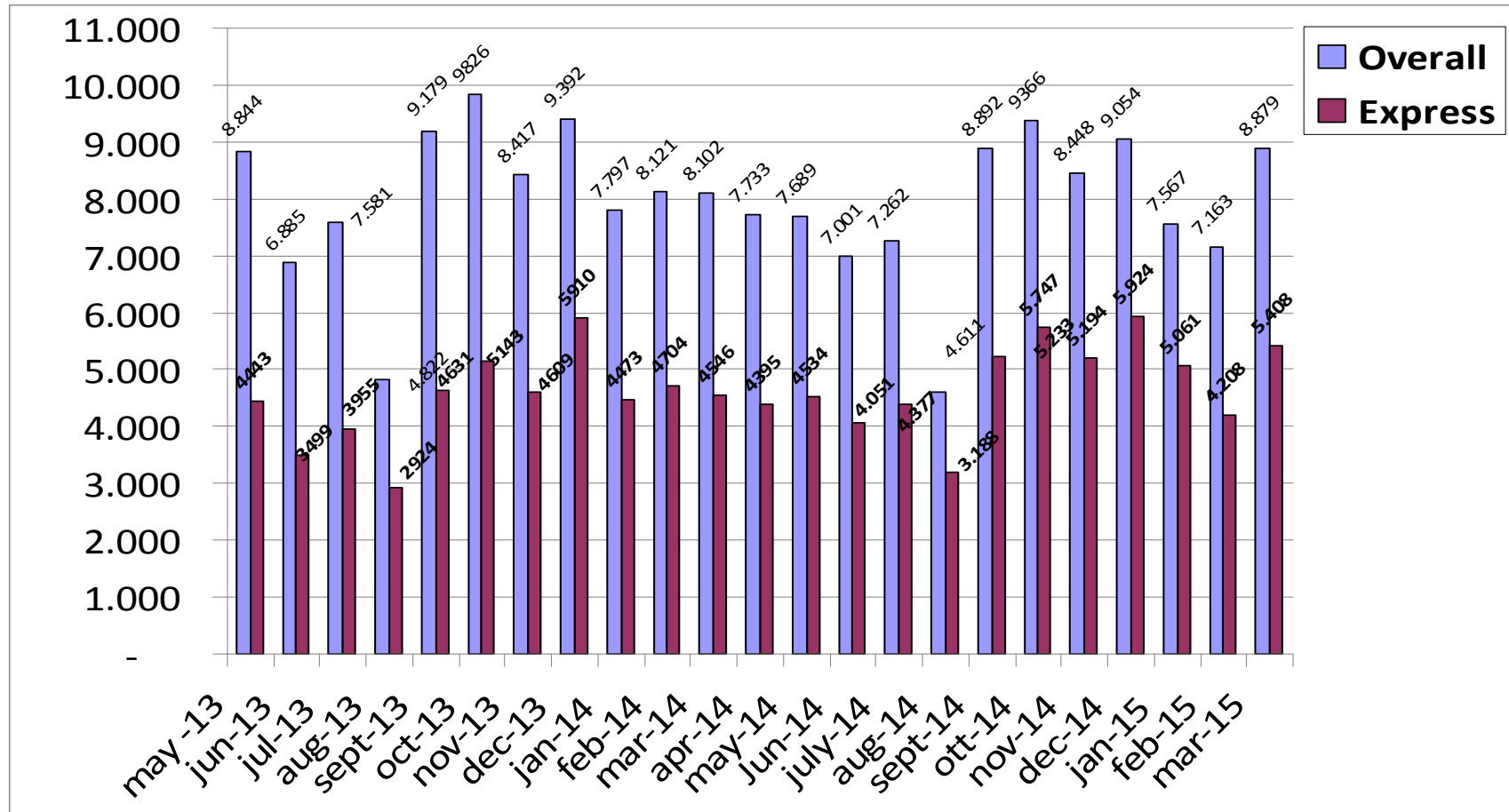


## Our activities within SMARTSET project

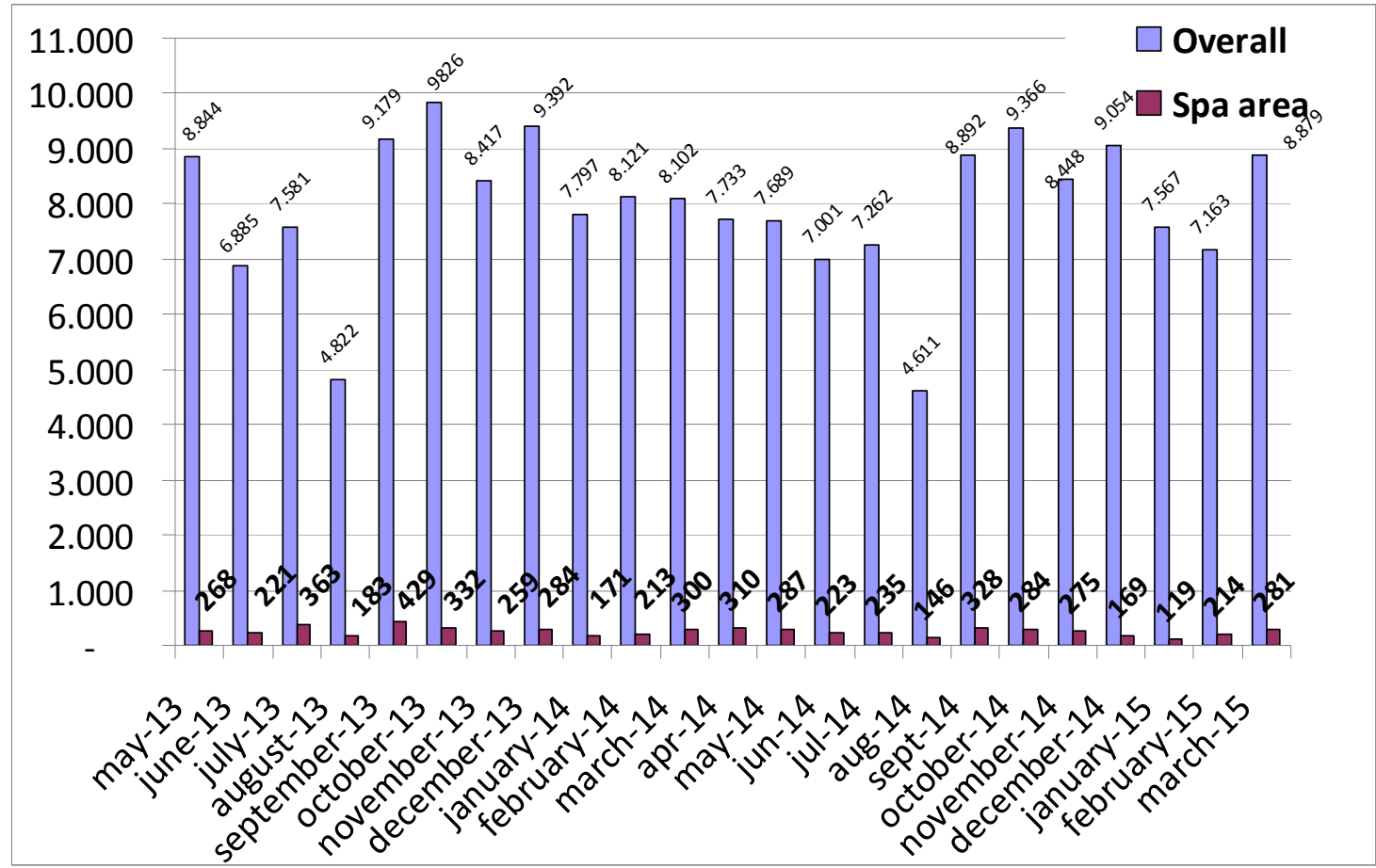
Interporto Padova participates in SMARTSET as Leader Site with the aim to share knowledge on our business model for the management of Cityporto Padova with other European Partners and to receive in the project framework new input and ideas to develop the activity and improve the use of Cityporto UCC (Urban Consolidation Centre).

→ **Development of delivery services to new segment (express and perishable), extension to non-urban areas (Spa area of Abano-Montegrotto Terme)**

# Express deliveries performed during the project



# Deliveries in the Spa area during the project



# Reduce the energy and environmental impact of freight distribution.

- Data referred to deliveries performed by Cityporto in the Spa area:

Energy (kWh/year)

Before: 271782,836

After: 7857,95308

Effect: **-263924,88 kWh/year**

Emissions (CO2 ton/year)

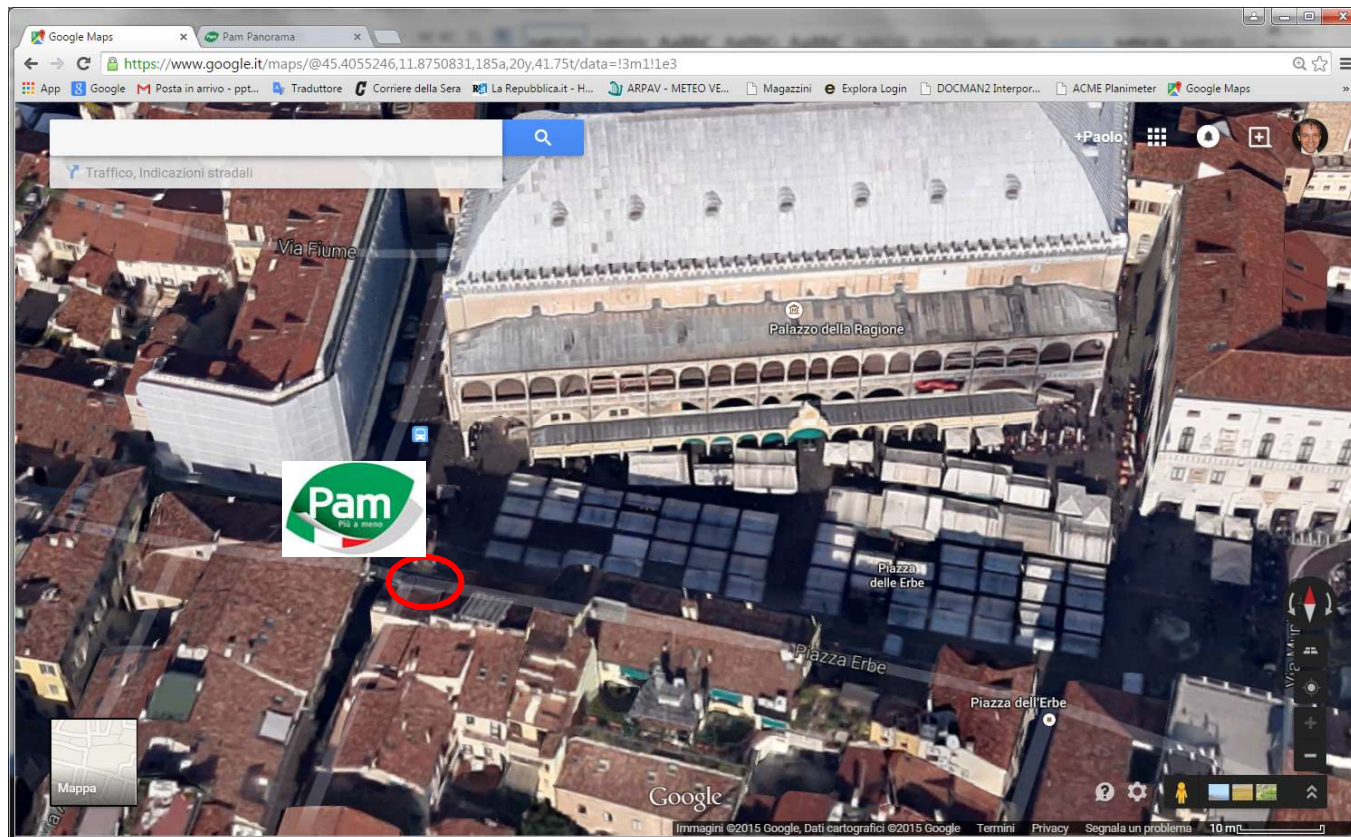
Before: 76,70

After: 0,157

Effect: **-76,55 CO2 ton/year**



The new service implemented: from 20th of April delivery of perishable goods to a supermarket (PAM) in Piazza della Frutta





*Thanks for your attention*

