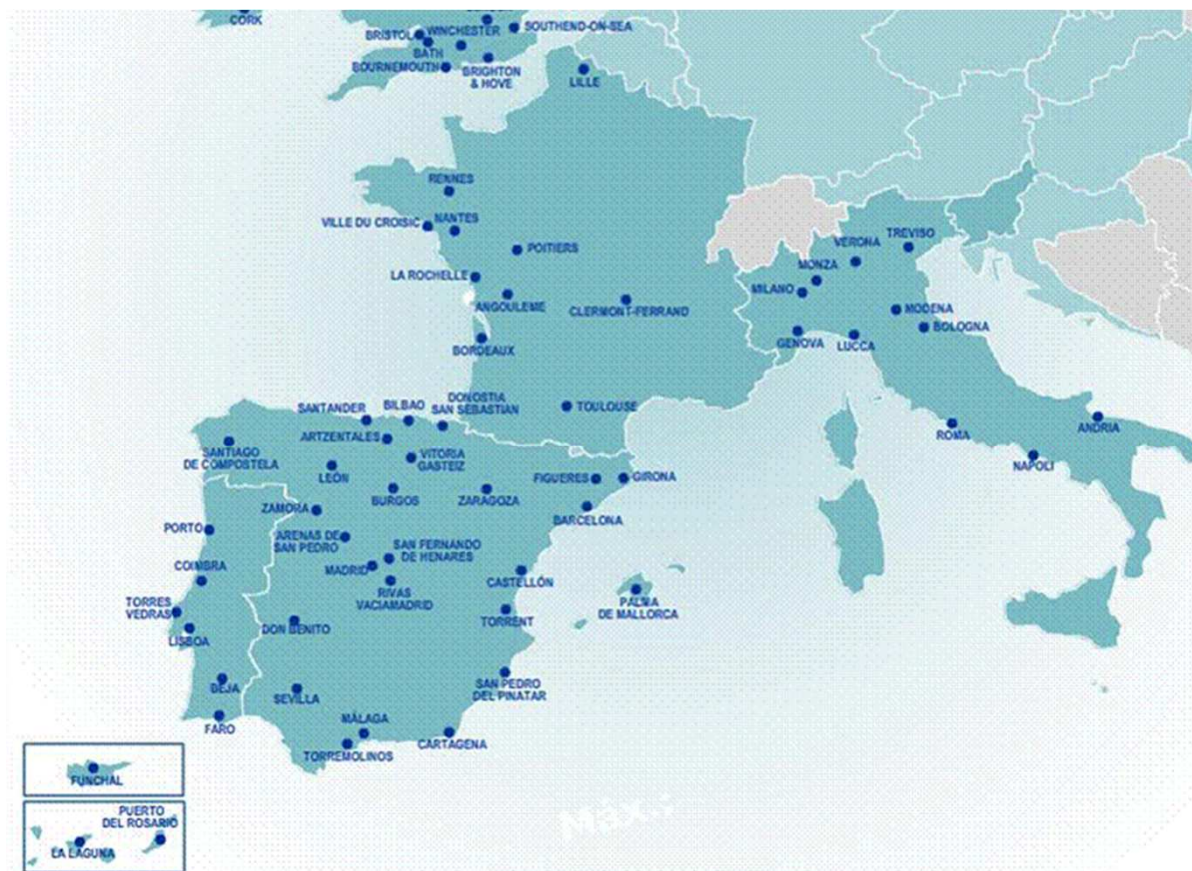


Torres Vedras Sustainable Mobility City



THE CIVITAS INITIATIVE IS CO-FINANCED BY
THE EUROPEAN UNION

Torres Vedras 400 km² | 79 503 inhabitants | 46 km away from Lisbon



Territory Highlights

- City Center with 20.000 inhabitants.
- Public bike sharing system, with conventional bikes and e bikes.
- Electric Mobility, car charging points network.



Territory Highlights



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- 20 km of coastal area
- More than 20 beaches
- Quality Coast destination



Torres Vedras

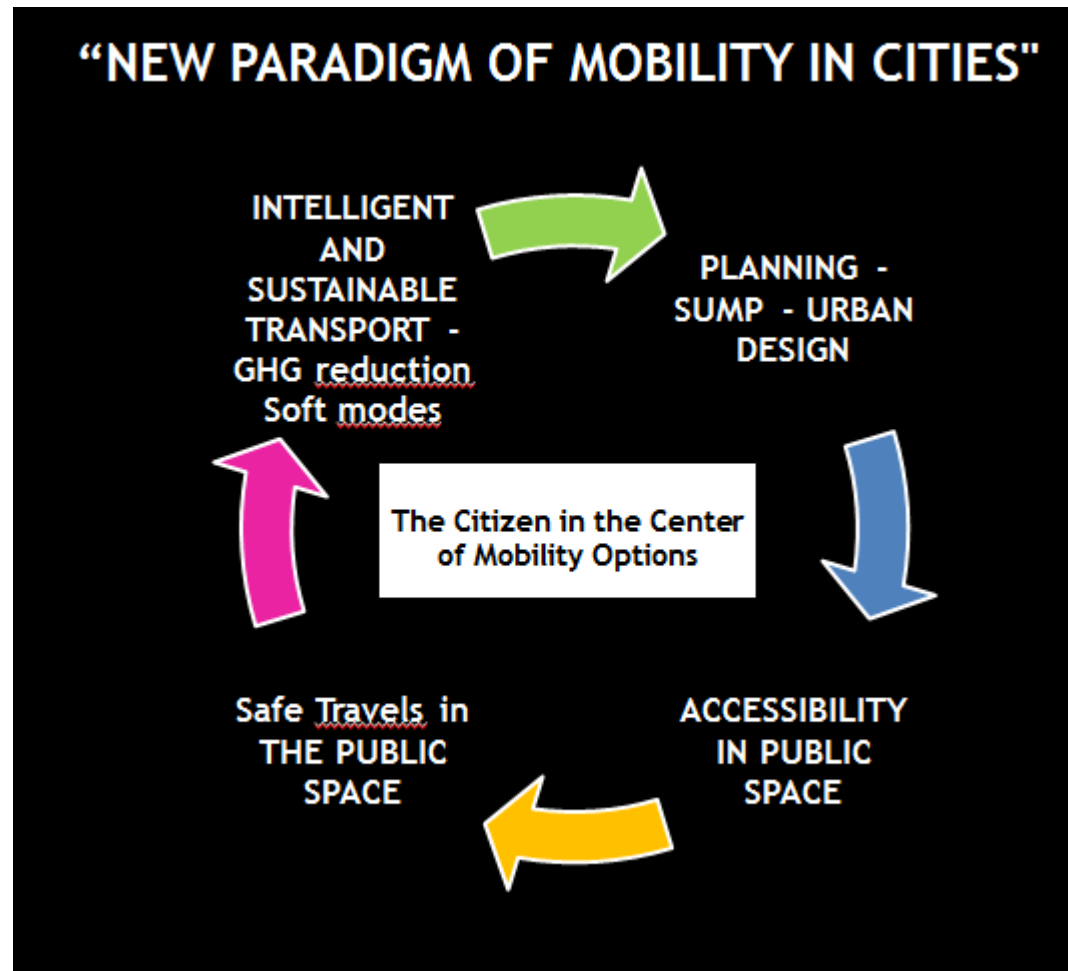
Managing City Centre Access

- Public Space and Parking Space organization
- Intermodality
- City Bus Station Relocation
- Public Bike Sharing System
- Bike Paths
- Walking
- Accessibility

"NEW PARADIGM OF MOBILITY IN CITIES"

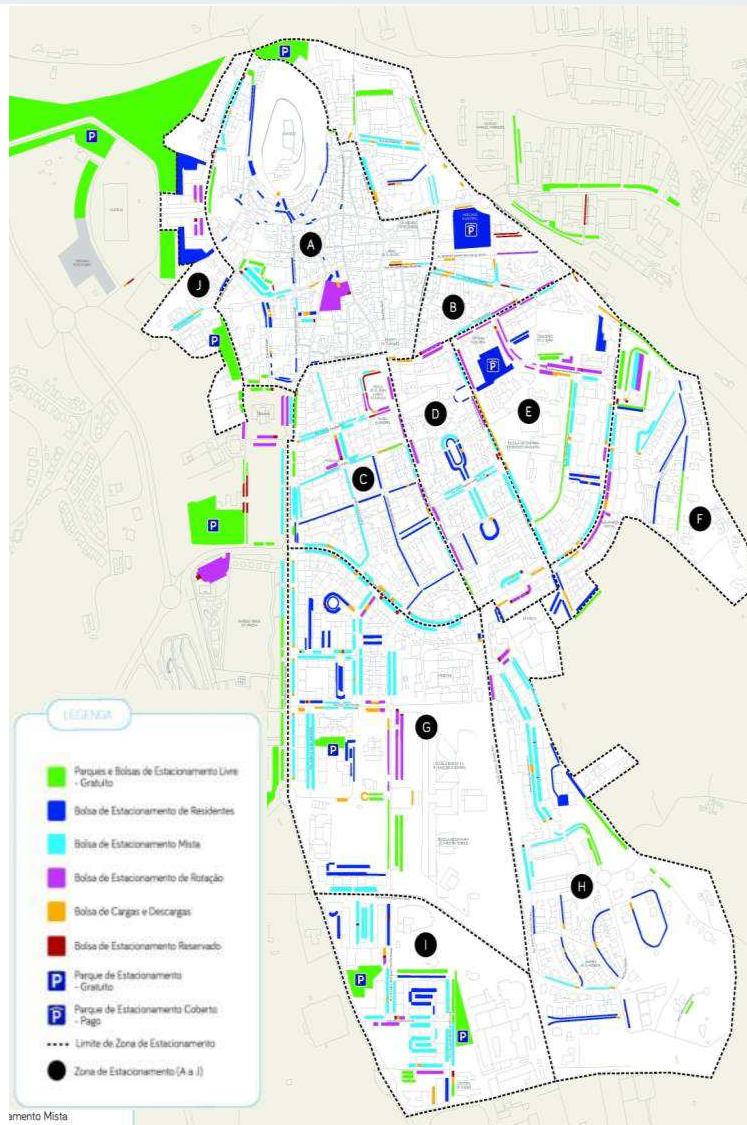


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PUBLIC PARKING SPACE ORGANIZATION

10 parking areas A a J



Signalling



ZONA B
00-CA-75
Validade: 2016/10
002703

RATIONAL USE OF PRIVATE TRANSPORTS

Parking and Traffic Planning Recovery Urban Living Space

RELEASE THE PEDESTRIAN FUNCTION IN THE SIDEWALK

Before



After



INTERMODALITY

Public and individual transport



City Bus Station
Relocation
park and ride with
1000 vehicles
parking capacity.



Removing vehicles
from the city center,
with benefits related
to the reduction of
CO2 and noise
emissions.



INTERMODALITY

Shared public transport

Car Sharing - MOOVEoeste

Bike Sharing - Agostinhas



Soft Modes

Public Bike Sharing System



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With provision of electric and conventional bicycles.

The solution is available in the City in a circulation area of 8 km². The system is in operation since June 2013, the bicycles “Agostinhas” are available every day of the week between 8h00 and 20h00, to citizens over 14 years, the maximum period of uninterrupted use is 4 hours, after which the bicycle must be returned to any Bike station.



Soft Modes Public Bike Sharing System

System operation it is quiet easy to the user and that does not need a high involvement.

This system ensures ease and autonomy use, without the need of waiting for a vehicle or complicated bureaucratic processes.

The user has a card that is valid one year, associated with an insurance.

The available technology allows the user to get a bike in a bike station and return it to the system elsewhere in the city.



Soft Modes

Public Bike Sharing System

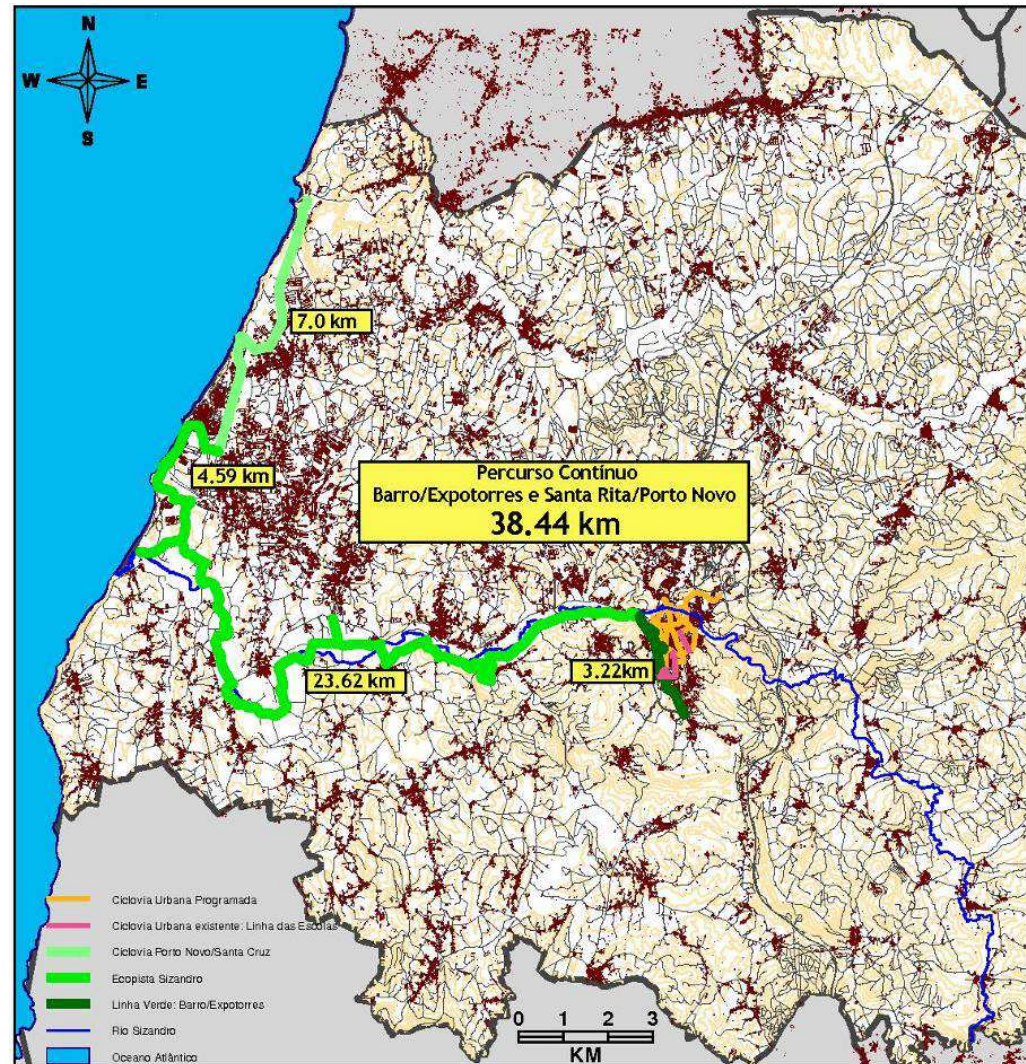
Results and Challenges

- Encourage people to see cycling as a fast and cheap transport option, was the most difficult challenge to overcome.
- Cycling has a big potential if you think that car trips in cities are of less than 5 km.
- The project recorded a high number of memberships with more than 1.400 users and about 35.000 uses, after 3 years of operation. This huge success and the high demand was the reason to undertake the extension of the system in September 2014, creating 3 new Bike Stations and increasing to double the capacity of the 4 existing ones.
- The users already have traveled 123. 690 km with this system, which avoided an estimate of 19 ton CO2 emissions.

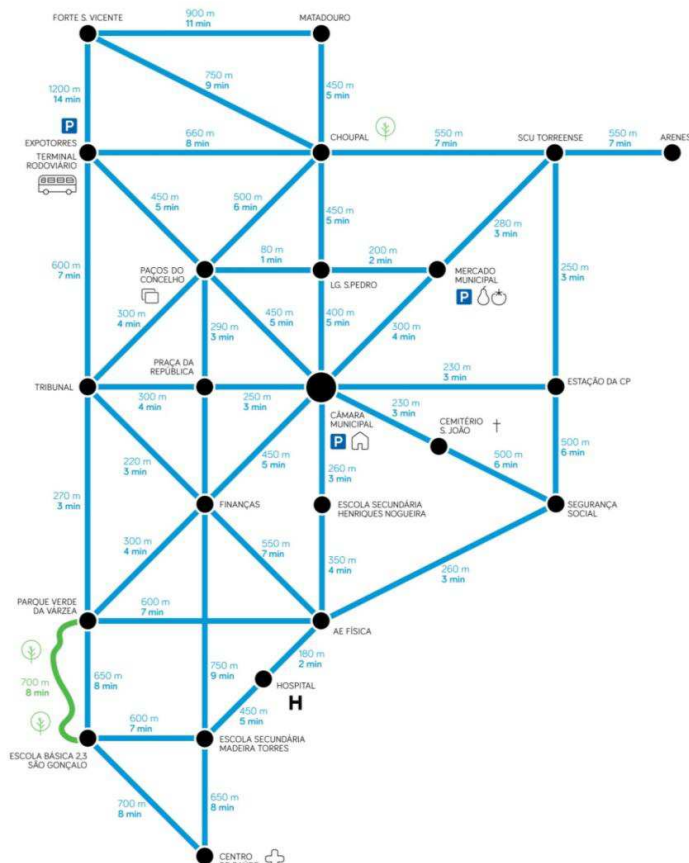


Urban and Leisure bike paths

- Continuous route from Torres Vedras City to the Coast - total length 38.44 Km.
- Urban bike path, in progressive construction - total length of 14.6 km.



WALKING



CAMINHANDO PELA CIDADE
DISTÂNCIAS E TEMPOS



Modal Alternative for
short journeys between:

Transport stations;

Public;

Public services;

School areas;

Commercial areas;

Green areas.

I WILL WALK TO SCHOOL

City Council Initiative

- Safe walking routes for escort children from the 1st cycle of basic education in the City on home course - school - home.
- All routes have accompanying for 1 or more adults. On each route there are stopping points that mark the journey times between the start and finish.
- <http://www.educacaotorresvedras.com/apoio-a-familia/247-faq-perguntas-frequentes>



Zona 30

Schools Area Velocity reduction



Electric Mobility | Car charging points network.



National integrated network -
MOBI.E

Allowing the supply of electric
vehicles - 6 points of double
charging available.

CARPOOLING



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CHUMS- Changing Habits for Urban Mobility Solutions Carpooling in workplaces is an Intelligent Energy Europe Project.

Torres Vedras participates as "observant city." Aimed at encouraging sustainable modal choices for trips home-work-home. It is the first public entity to offer its employees a carpooling system.

Carpooling is the act of combining a commuting trip = continuous or occasional ride making it more affordable and sustainable for the actors.

The contact web platform and the sharing of travel that is being used, since April 2016, can be find at: <http://empresas.boleia.net>

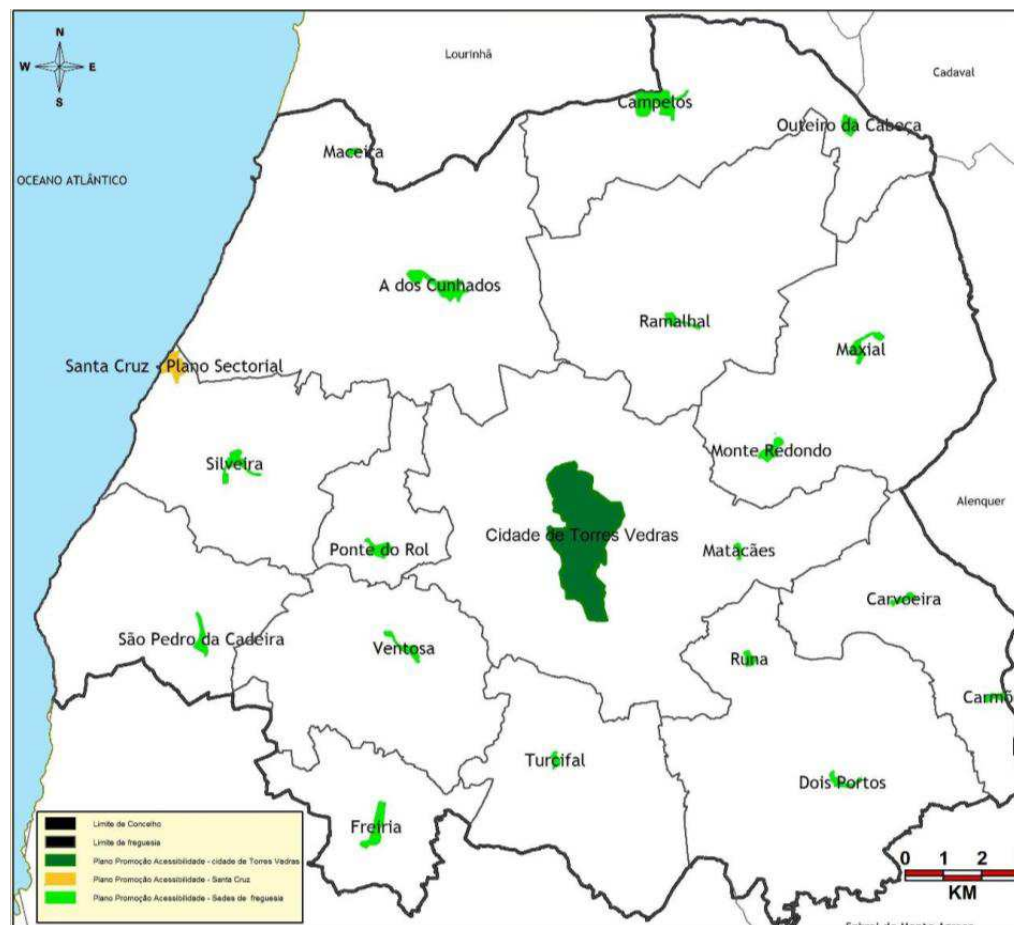


Results

- Change citizens' mobility behavior, was the most difficult challenge to overcome.
- The projects were crucial to reduce the number of vehicles circulating in the city, with an effective contribution in reducing CO2 emissions and noise.
- The public space quality improvement was also one of the major successes.



Promoting Accessibility- RAMPA



- Torres Vedras City
- Parish Headquarter;
- Santa Cruz - Coastal Area.

➤ SECTORIAL AREAS

- Public space
- Buildings
- Transports
- Communication
- Info accessibility

Beaches Accessibility



Equipment and conditions that allow them to be accessible to all citizens;
Easy pedestrian access;
Organized parking places for people with disabilities;
Access level bathing area by ramp or using mechanical means;
Walkways on the sand;
Accessible toilets;
Accessible First Aid service.



Accessible Beach Flag- Beach for All
9 bathing areas accessible to users with disabilities,

Beaches Accessibility



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Awards



The Portuguese Federation of Cycling and Bicycle users, awarded in September 2013, Torres Vedras City Council with the "National Prize of the Bicycle Mobility" in Local Government category.



The European Commission distinguished the municipality of Torres Vedras in the area of mobility. Received at the Forum CIVITAS 2014 held in Morocco, a prize of best practices in the field of sustainable mobility on the City Parking Management System, the strand of Technology and Innovation.

The Municipality of Torres Vedras was awarded in March 2015, with the label "Smart Project for Smart Cities", that distinguishes good practice in urban intelligence and recognize the merit of projects that contribute to the development of innovative, sustainable, inclusive and connected cities, as well as to promote the sharing of good practices and the promotion of partnerships.



The "Agostinhas - public bicycle rental system," won the prize Energy Globe Award 2015. Portugal competed with more than 170 participating countries and over 1,500 project applications. It is more prestigious environmental premium worldwide. Distinguishes projects that preserve resources such as energy or using renewable sources or free sources of emissions

Mobility | NetWorks



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Learning from the best

Share experiences and best practices

Develop joint projects

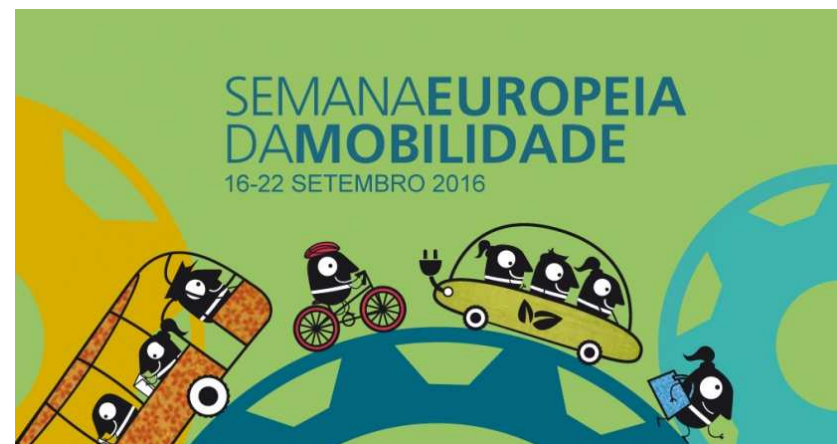
European Mobility Week



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Torres Vedras City
joined the initiative since 2004.

This year highlights



Mobility Plan and Transport – SUMP Diagnosis presentation.

Contest “Think my Street” – Where the inhabitants are invited to present ideas to improvement mobility solutions for the city, such as: street pedestrianization or architectural barriers elimination .

Car Free Day - September 22 – A street closure to traffic.

Free card distribution, for students between 14 and 18 years, for the access to the bike sharing System ,valid for one year.

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Torres Vedras | New SUMP | New Challenges

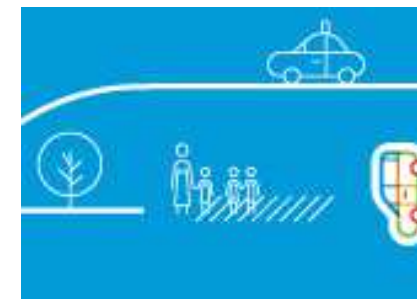
New Challenges

- Behavioral change.
- Smart cities technology.
- Sharing schemes and multimodal integration.



New Torres Vedras SUMP

- More and safer urban bike paths in the City.
- Extension bike city stations system.
- Implementing intelligent traffic control systems
- Improving conditions for arrival, stopping and confluence in the public transports.
- Real time information systems.
- Raising awareness plan for sustainable mobility.



Thank you!

www.cm-tvedras.pt

