





# CIVITAS ANNUAL CONFERENCE | 27-29 SEPTEMBER | TORRES VEDRAS

## **Small Communities, Big Ideas**

Draft programme



### **#CIVITAS2017**







		Day 1 ·	- Se	ptember	27				
10:00-17:00	Registration of the participants								
10:00-12:00	Parallel meetings PAC meeting								
10:00-12.00	Site Visits 1 – departure from the conference venue								
	<ol> <li>'Agostinhas' - Torres Vedras bike sharing system</li> <li>Torres Vedras' City Integrated Parking Management System</li> <li>'MOBIE E' - National Charging Network for Electrical Vehicles</li> <li>'Adega Mãe' - local winery</li> <li>'Defensive Lines'</li> </ol>								
11:45-13:00	Welcome lunch								
	Welcome addresses/Plenary								
13:00-14:30	<ul> <li>Short welcome address #1: Mayor of Torres Vedras, Carlos Manuel Antunes Bernardes</li> <li>Short welcome address #2: Deputy Director-General, DG-MOVE, Maja Bakran</li> <li>Short welcome address #3: Minister of Environment, Portugal, João Pedro Matos Fernandes</li> <li>Short welcome and keynote speech: Small Communities, Big Ideas' by the CIVITAS PAC Chair, Steen Moller</li> <li>Short welcome and keynote speech, Secretary of State for Mobility, Portugal, José Mendes,</li> <li>Joining forces to make buses in Europe cleaner: introducing the 'clean bus declaration'</li> <li>The spirit and format of the 2017 CIVITAS Forum, CIVITAS SATELLITE, Siegfried Rupprecht</li> </ul>								
14:30-15:00	Press conference								
		I	Parallel	Sessions					
				Parallel Sessions	-		1		
15:00-16:30	Session A1	Session A2	Sessi		Sessi	-	Session A5		Politician s' Forum
	Innovative approaches for engaging and supporting industry and city authorities in urban freight strategy development	Decision making in the digital age: The role of data in transport policies and decisions for non-motorised modes		ration for sustainability c transport in challenges of		allenge	(including site visit)		
	Presentations, Q&A	World Café	Prese	ntations, Q&A	World	Café	Presentation	is, Q&A	
16:30-16:45	30-16:45 Coffee break								
	Parallel Sessions B								
16:45-18:00	Session B1	Session B2		Session B3 Ses		Sessior	ession B4 Sessio		B5
	Big cities, big ideas	Empower: Implementation of knowledge and tools to reduce the use of Conventionally Fuelled Vehicles and to stimulate active travel		Success factors for the deployment of clean fuels and vehicles in cities		Three projects - one goal: Supporting authorities to improve the quality and uptake of SUMPs		Track & trace	
	Presentations, Q&A	Presentations, Q&A		Presentations,	, Q&A Present		ations, Q&A	, Q&A Presentations, Q&A	
20:00-22:30	Cocktail reception at the transportation to the control (Further information in the control of the control of the transport of transport of the transport of transpor	pastal hotels will be org	ganised.	,	-	ance from	the Conferen	ce venue,	







## Câmara Municipal

### **GREEN LEAF**

### Day 2 – September 28

09:30-16:00

Deployment day/marketplace

More sessions to be confirmed in the coming weeks!						
Open stream	Session Stream 1	Session Stream 2	European Urban Transport Roadmaps 2030 Stream			
Activities at stands	Ready for MaaS? MaaS readiness levels for local authorities	The sharing economy misconception	The European Urban Roadmaps 2030 scenario building tool - introduction and case study			
	Decision making in the digital age: The role of data in transport policies and decisions for non-motorised modes	Multimodality workshop	Tools and capacity building – SUMPs-UP workshop			
	Connected and Automated Vehicles in an urban environment	EIP-SCC marketplace session	Financing for SUMP solutions			

12:30-13:30

Open stream	Session Stream 1	Session Stream 2	European Urban Transport Roadmaps 2030 Stream
Activities at stands	Active travel, EU policy in action!	How can cities benefit from C-ITS	Procuring SUMP solutions
	Using analytics to reduce traffic fatalities	16 good reasons for parking management	Implementation case studies (INTERREG SUMP projects)
	Reaching out to Chinese cities		Urban roadmaps training workshop

19:30-22:00

CIVITAS Award ceremony & gala dinner at the Ô Hotel Golf Mar on the Atlantic coast: transportation to venue provided (by bus) (Further information in the next version of the programme)









# GREEN LEAF

### Day 3 – September 29

			Parallel Sessions	С			
09:30- 11:30	Session C1	Session C2	Session C3	Session C4	Session C5		
11.30	The neighbourhood promise - wishful thinking or a breakthrough approach?	Connected and automated driving in CIVITAS cities	Fostering capacity for a holistic innovation process	Mobility insights into the new warped reality - A challenge for both professionals and citizens	SUMP in tourist destinations		
	Workshop	Presentations, Q&A	Presentations, Q&A	Presentations, Q&A	Presentations, Q&A		
11:30- 12:00	Coffee break						
	Closing Plenary						
13:00-	<ul> <li>Keynote speech "Changing (the rules of) the game. New technologies, new values, new solutions" by Philippe Crist, International Transport Forum at the OECD</li> <li>Panel discussion with Philippe Crist and representatives of the IA projects PORTIS, ECCENTRIC, and DESTINATIONS</li> <li>Announcement of the host of the CIVITAS Forum 2018</li> <li>Closing remarks by the European Commission</li> </ul>						
14:00 14:00-	Lunch break Site Visits 2 – departure from the conference venue						
17:00	1. 'Agostinhas' - Torres Vedras Bike Sharing System						
	2. Torres Vedras' City Integrated Parking Management System						
	3. 'MOBIE E' - National Charging Network for Electrical Vehicles						
	4. 'Adega Mãe' - local winery						
	5. 'Defensive Lines'						









### LIST OF SESSIONS AND SPEAKERS

#### A1 Innovative approaches for engaging and supporting industry and local authorities in urban freight strategy development

#### Day 1 - September 27, 15:00 - 16:30

The four CIVITAS-funded Urban Freight (UF) projects CITYLAB, NOVELOG, SUCCESS, U-TURN aim to improve the knowledge and understanding of freight distribution and service trips, and are developing best practice guidance on innovative approaches for UF distribution.

In its own way, each project is assessing policies and solutions to improve innovative use of transport modes and infrastructure; introducing new methods of stakeholder cooperation; and developing policy frameworks to facilitate viable business models.

The session also features an overview of the UF initiatives of the U.S. Department of Transportation, which is involved in a twoyear Urban Freight R&D Twinning Initiative with the European Commission.

#### Speakers

- Tamiko Burnell, U.S. Department of Transportation
- Jardar Andersen, Chief Research Engineer Logistics and innovation, TOI
- Georgia Aifadopoulou, Research Director Deputy Director HIT/CERTH
- Francesco Ferrero, Lead Partnership Officer, LIST
- Eleni Zampou, Research and Innovation Manager, INTRASOFT International & Richard Walters, Manager, LCP Consulting

Thematic category

Urban freight logistics

A2

Decision making in the digital age: The role of data in transport policies and

decisions for non-motorised modes

Information for this session will be confirmed later.

Speakers

#### Thematic category

#### A3 Enabling innovation for public transport in cities

#### 27 September 15:00-16:30

This session will combine the projects CIPTEC, UMii and ELIPTIC. The presentations will illustrate and discuss innovation processes which can help cities to develop public transport innovation. This can come in the form of collective innovation, innovative policy messages, and enablers for innovation. **Speakers** 

Session chair: Yannick Bousse, Project Manager – Research and Innovation, UITP

- Dr. Dimitrios Nalmpantis, Lab Teaching Faculty & Evangelos Genitsaris, Research Associate, Transport Systems Research Group/Aristotle University of Thessaloniki
- Hendrik Koch, Project Manager Sustainable Mobility, City of Bremen

Karine Sbirrazzuoli, Project Manager, UITP

Collective passenger transport

- Equity and sustainability challenges A4 of mobility in the urban periphery –
  - World Café

#### 27 September 15.00-16.30

Thematic category

After an introductory presentation about the structural equity challenges of urban mobility in each of the cities participating in ECCENTRIC (Madrid, Munich, Ruse, Stockholm and Turku), the session will present examples from each city of one or two equity-related measures. Those measures are:

- Madrid: Pedestrian-friendly public space outside the city centre:
- Munich: Community information and participation portal;
- Ruse: Information, training and awareness raising;
- Stockholm: Speeding up core bus routes;
- Turku: City District / Urban Corridor case as a pilot for Sustainable Urban Mobility.

#### Speakers

Session chairs: Francisco Pérez, Madrid City Councillor, Chair of Puente de Vallecas Borough

Ángel Aparicio, Associate professor, Technical University of Madrid, UPM

- Carlos Verdaguer, GEA21 (Madrid)
- Stella Aaltonen, Project Manager, City of Turku Ecobudgeting (Turku)
- Lucia Ilieva, Manager of the Board, CSDS (Ruse)
- Christoph Helf, EU Project Manager, Landeshauptstadt München (Munich)
- Anna Norberg, Project Manager, City of Stockholm

#### Thematic categories

Car-independent lifestyles, collective passenger transport, integrated planning, mobility management, public involvement, neighbourhood- focused activities

#### The data challenge

A5

Information for this session will be confirmed later.

Speakers

Thematic category











**B1** 

#### Big cities, big ideas

September 27, 16:45-18:00 The session presents local authorities' innovative policy and decision making approaches for fostering sustainable mobility. The cities of Rome and Gothenburg will present new measures

they are implementing to reduce the traffic volumes of freight distribution in the city.

The Regional Transport Consortium of Madrid will explain how the role of the public transport authority is changing from being an observer to being actively involved in real-time mobility management.

The city of Bologna will present an app-based incentive scheme that rewards citizens engaging in behaviour that encourages sustainability. The scheme is the result of strong public-private collaboration.

#### Speakers

- Marco Surace & Chiara Dimajo, Roma Servizi per la Mobilità
- Michelle Coldrey, City of Gothenburg
- Nuria Blanco Caballero & Tomas Melero, Consorcio de Transportes de Madrid
- Marco Amadori & Giuseppe Liguori, SRM Reti e Mobilità Bologna

#### Thematic categories

Tackling congestion, urban freight logistics, mobility management

#### Empower: Implementation of

B2 knowledge and tools to reduce the use of conventionally fuelled vehicles and to stimulate active travel

This activity will give an insight to participants into ways to reduce the use of Conventionally Fuelled Vehicles by stimulating sustainable travel and active travel. It will also explore how to enthuse and reward travellers, and how to measure their travel behaviour using data. The presentations that are going to be given as part of this session are based on the experiences of and large-scale implementations in and with a wide variety of cities and organisations throughout Europe.

Cities, regions or provinces, public transport authorities and operators, or indeed anyone interested in rewarding change, are more than welcome to attend.

#### Speakers

- Sessions Chair: Prof. Susan Grant-Muller, University of Leeds
- Kain Glensor, Wuppertal Institute
- Marcel Meeuwissen, city of Enschede

#### **Thematic categories**

Mobility management, public involvement, tackling congestion, size doesn't matter – small communities, big ideas.

#### B3 Success factors for the deployment of clean fuels and vehicles in cities 27 September 16:45-18:00

This session will combine the projects ELIPTIC, ECCENTRIC, ZeEUS and JIVE. In seeking to encourage cleaner and better transport, most cities explore innovative solutions for introducing and pushing the use of clean vehicles and alternative fuels in

#### their integrated strategies.

The speakers will discuss solutions that stimulate the spread of clean and energy-efficient vehicles.

#### Speakers

 $\label{eq:session-chair: Yannick Bousse, Project Manager - Research and Innovation, UITP$ 

- Francisca Rosell, Project Manager, CENIT
- Sergio Fernández Balaguer, Communication and Consultancy Directorate, EMT Madrid
- Transdev on behalf of the ZeEUS project (tbc)
  - Element Energy (tbc)

#### Thematic category

Clean fuels and vehicles

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Three projects - one goal: Supporting
 authorities to improve the quality and
 uptake of SUMPs

Information for this session will be confirmed later.

Speakers

**Thematic category** 

### B5 Track and trace

27 September 16.45-18.00

The session will present tracking and tracing tools for:

- analysing mobility behaviours of prospective and current tourists and cross-border commuting professionals;
- monitoring, regulation and control of touristic public transport (PT) fleets;
  - better planning and promoting walking and cycling in cities.

The presentations will explain how these tools can help identify areas of improvement, adapt to users' needs, and increase the use and reliability and regularity of PT, whilst also supporting the take-up of walking and cycling measures, thereby reducing usage of private transport modes and the related negative impacts. The target audience includes public administrations, public transport/mobility agencies and operators, and mobility stakeholders keen to assess the role of data mining tools and systems and support procedures to extract knowledge from mobility/service operation data that will help to improve mobility.

#### Speakers

Session chair: Peter Staelens, Senior project coordinator, EUROCITIES

- Claudio Mantero, Horarios do Funchal, R&D coordinator, CIVITAS DESTINATIONS coordinator
- Dr Martin Kracheel, Associate consultant, Lux Mobility
- Giorgio Ambrosino, Company Technical Director, MemEx srl

#### Thematic categories

Collective passenger transport, transport telematics, mobility management









### C1 The neighbourhood promise - wishful thinking or a breakthrough approach?

Information for this session will be confirmed later.

Speakers

Thematic category

C2 Connected and automated driving in CIVITAS cities

Information for this session will be confirmed later. Speakers

Thematic category

C3 Fostering capacity for a holistic innovation process Information for this session will be confirmed later.

Speakers

Thematic category

#### C4 Mobility insights into a fastevolving reality - A challenge for social inclusion

#### 29 September 09.30-11.30

Set against the rapid social and lifestyle changes in Europe, mobility plays an ever-increasing role in the lives of rapidly changing generations. It can define the characteristics and identities of both people and communities. The presentation will highlight how the appetite for mobility continues to grow, and how this exacerbates the gap between those who 'have it' and those who 'lack it'. It will assess how 'new mobility' trends relate to social wellbeing, and present the concept of Mobility as a Right (MaaR) and how this seeks to reach the groups most disadvantaged in terms of mobility and address issues in peripheral urban areas. An example from Madrid will be presented that draws heavily on the participative SUMP process - with its focus on including vulnerable groups like older people and children - and integrates a gender-based approach.

#### Speakers

Session chair: Prof. Laurie Pickup, International Projects Director, Vectos

- Prof. Laurie Pickup, International Projects Director, Vectos
- Prof. Lucia Ilieva, Manager of the board, CSDCS -CLUB SUSTAINABLE DEVELOPMENT OF CIVIL SOCIETY
- Pilar Martin de Castro, Head of the Environmental

- Education Unit, City of Madrid
- Isabela Velazquez, Gea21 TBC

#### Thematic categories

Car-independent lifestyles, collective passenger transport, integrated planning, mobility management, public involvement, safety and security, neighbourhood-focused activities, size doesn't matter – small communities, big ideas.

#### C5 SUMP in tourist destinations 29 September 09.30-11.30

The session aims to present common mobility challenges from tourist destinations and opportunities for the implementation of integrated and innovative mobility solutions.

It will present the Sustainable Island Mobility Plan (SIMP), a tool tailored to the particularities of islands and the challenges they face all year long; the SUMP policy co-creation approach to supporting implementation of Sustainable Destination Mobility Plans (SDMPs); and examples on how sustainable mobility can become a driver for economic growth. Finally, the session will explore how these experiences can be extended to other contexts heavily affected by the seasonal peaks of tourism.

The target audience includes small- and medium-sized island municipalities, policy makers, transport planners and practitioners, and other stakeholders from tourist cities and regions.

#### Speakers

Session chair: Carlos Sanchez Pacheco, GO SUMP coordinator, Malaga city council

- Alexia Spyridonidou, Mobility Expert, DAFNI Network of Sustainable Greek Islands
- Willem Buijs, Managing director, LuxMobility
- Carlo Sessa, Research Director, ISINNOVA
- Maria Stylianou Michaelidou, Limassol Tourism Board TBC

#### Thematic categories

Planning/SUMP, public Involvement, mobility management, size doesn't matter – small communities, big ideas, integrated







## LIST OF DEPLOYMENT DAY ACTIVITIES

#### How can cities benefit from C-ITS

The CIMEC project is ready to discuss its recommendations on urban C-ITS with you! CIMEC was created to support the efforts of the European Commission in accelerating the take-up of Cooperative Intelligent Transport Systems (C-ITS) and addressing associated legal, organisational, technical, and standardisation issues. Within this context, the specific focus of CIMEC was to present "the voice of the cities" to complement the substantial amount of work that has already been undertaken in the area of highways and vehicles. Starting with the user perspective on how cooperative systems can contribute to solving city-based challenges, CIMEC aimed to address the goals and constraints of cities, whilst balancing costs and benefits.

#### Speakers:

- Suzanne Hoadley, Senior Manager, Polis
- Giacomo Lozzi, Project Manager, Polis

#### **Reaching out to Chinese cities**

The session will present the current and planned activities of CIVITAS DESTINATIONS and PORTIS projects to engage with Chinese cities. It will then try to detect possible synergies among them and other Horizon 2020 projects (URBAN-EU-CHINA) that are dealing with sustainable urbanisation, and will facilitate the discussion on how to better exchange knowledge with Chinese counterparts. In addition, it will enable European cities to hear Chinese cities' experiences, and allow Chinese cities to benefit from opportunities and best practices from European cities. The target audience will be CIVITAS projects.

#### Speakers:

- DESTINATIONS, Julia Pérez-Cerezo, GV21 TBC
- PORTIS, Silvia Gaggi, Senior Partner, ISINNOVA, TBC
- Nikolaos Kontinakis, Project Coordinator, EUROCITIES







#### Using analytics to reducing traffic fatalities

The purpose of this session is to present various takes on the use of (different types of) data and analytics methodologies to improve road safety. The session is meant to provide stakeholders from cities and urban regions with current examples of how these methodologies and data are being applied. It will also allow these stakeholders to interact with each other and present their current activities in this domain.

This session should be considered as an occasion to bring together the different actors in road safety those involved in legislation, enforcement, infrastructure, vehicle technology - in a collaborative environment. With increased know-how and technical advances and the increasing availability of (big and/or ubiquitous) data, significant safety improvements are possible.

#### Speakers:

• Hosted by Lars Akkermans, Transport Mobility Leuven

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- Safer city streets, AlexandreSantacreu, ITF
- InDev, Lund University
- Others to be confirmed

#### 16 good reasons for parking management

Parking Management is a very powerful approach to steering travel behaviour. The strategic objective of the PUSH&PULL approach aims to improve mobility by combining parking space management with mobility management. By introducing paid parking, increasing fees, and reducing the supply of parking spaces, drivers will be pushed towards more sustainable transport. The income from parking is earmarked and used for improving and promoting alternative forms of transport, thus pulling users towards active transport, Bike and Ride and Park and Ride facilities, or public transport.

#### Speakers:

- Activity chair, Ivo Cré, Polis
- Robert Pressl, Push&Pull Coordinator, Austrian Mobility Research FGM-AMOR
- João Caetano Dias, EMPARK

The project has developed a series of highly recommended tools and products for practitioners and decision makers. These will be presented, with an opportunity to debate them afterwards!







#### Helping cities leapfrog to sustainable mobility systems

This activity will present the Sustainable Mobility Indicators and the Sustainable Mobility Tool. These were developed by an international and multidisciplinary team, which included a core group of experts from different industries involved in urban mobility. The framework helps to disaggregate the complex system of mobility in cities and offers a practical tool to help cities understand their mobility situation. The set of indicators will be adopted by 50+ EU cities between 2018 – 2019.

#### Speakers:

• Dr. Stephan Herbst, General Manager, Toyota Motor Corporation

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• Irene Martinetti, Manager, WBCSD

#### Ready for MaaS? MaaS readiness levels for local authorities

ECCENTRIC wants to present the first outcomes from their work package on MaaS and share their experiences with other cities. The result diagram ("spider webs") will be used as "teasers" at the ECCENTRIC stand. In the main, the workshop will focus on small groups discussing the diagrams, garnering feedback and input from other cities, and inspiring other cities to engage with the MaaS concept.

#### Decision making in the digital age: The role of data in transport policies and decisions for nonmotorised modes

Three H2020 projects - FLOW, TRACE and EMPOWER - are combining forces at the Forum to present three different perspectives on reducing urban congestion in European cities by increasing walking and cycling and making cities more liveable. The three projects will have a stand for the duration of the Forum and offer hourly activities, demonstrations, and displays addressing various aspects of the topic of data and its link to walking and cycling.

The draft schedule for Deployment Day activities at the stand is as follows:

10:30: TRACE walkshop to demonstrate the apps Positive Drive, Biklio and Traffic Snake Game

11:30: FLOW city PechaKucha

13:30: EMPOWER toolkit, app and evaluation demonstration

14:30: TRACE "TAToo" (Tracking for planning tool) demonstration

15:30: Demonstration of FLOW's impact assessment tool

16:30: EMPOWER toolkit, app and evaluation demonstration









#### CAV-ready framework focus group meeting

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In order to develop the 'CAV-ready framework' further, the CoEXist project is hosting two 'focus group meetings' with CIVITAS cities about their views and needs with regards to the development of the 'CAV-ready framework'. Each meeting will have a maximum of 12 participants. They need to apply before the Forum and are expected to read a three-page summary of the 'CAV-ready framework' and complete an online survey in advance.

#### **NOVELOG Tools**

The NOVELOG Project will use the CIVITAS Deployment Day to promote the three tools it has developed so far to the representatives of Cities, namely the "Understanding Cities" tool; the Evaluation" Tool; and the NOVELOG "Toolkit". Cities and their representatives will also be given individual and group training sessions trained on their use and importance for city planning, as well as how to encourage usage of the tool.

#### Seven pivotal pilot domains and their expected impacts

TransformingTransport is working across seven pilot domains that cover highways, rail infrastructure, airports, urban mobility, vehicle connectivity, ports, and e-commerce logistics. Important benefits and improvements in each of the seven pilot domains established by TransformingTransport will emerge from this project.

Projects: Smart Highways, Sustainable Connected Vehicles, Proactive Rail Infrastructures, Ports as Intelligent Logistics Hubs, Smart Airport Turnaround, Integrated Urban Mobility, Shared Logistics for Ecommerce





#### Sustainable Mobility education for primary schools – "I'm a climate hero"

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Even small children can become climate heroes by walking to school and bringing an end to the daily car chaos at the school gates. The programme includes a parents' evening and 3 double lessons about climate change, teaching how to become a climate hero. This gives children a motivation to walk.

Numbers of activities: Primary schools: 11 Classes: 52 Children: 1.133 Parents: 900 Reduction of car journeys by an average of 8 %

We are looking for partners in a new European project where we can improve this scheme and develop it further.

• Speaker: Regina Lüdert, Manager of mobility information Centre Stuttgart/Germany

#### PING if you care!

As Ping if you care! is a participatory project, it is our aim to connect with the audience in a variety of formats:

- 1) At the exhibition stand, interested parties can get in touch with us to get an overview on the campaign, to get informed about how to participate, and what is in for them.
- Speed-networking will help to spread the word and to explain the campaign in a short, but direct way to interested parties. We are prepared to give several short presentations and to discuss the campaign with our speed-network partners.
- 3) We see haptics, communication through touch, as essential. Therefore, we propose a physical activity that will help the audience to understand how Ping! works. We also propose to use the Ping! button for one of the Walkshops.

#### A collaborative decision-making approach to urban freight transport

This will show the potential of a multi-tactile horizontal display for planning urban freight logistics related to construction. The multi-tactile horizontal display will be hosted in the Urban Freight Logistics booth (by Giacomo Lozzi), with someone always present to show a 2-3-minute demo on how it functions and to answer questions.







#### List of Deployment Day activities still to be confirmed/detailed:

- SUMPs-UP tools session
- Workshop on procurement of Clean Vehicles
- Multimodality workshop
- EIP-SCC marketplace session
- Financing urban mobility solutions
- Active Travel; EU policy in action!
- The European Urban Roadmaps 2030 scenario building tool:
  - Introduction and case study
  - Tools and capacity building SUMPs-UP workshop
  - Financing for SUMP solutions
  - Procuring SUMP solutions
  - o Implementation case studies INTERREG SUMP projects
  - Urban roadmaps training workshop.
- The SUMPs-UP activities at the exhibition stand:
  - Tool Inventory;
  - SUMP registry;
  - "Tour de salle", a walking tour at regular fixed times to thematically clustered stands.





## SITE VISITS

# 1. The bike sharing system of Torres Vedras - 'Agostinhas' (including cycling tour)

The public bike-sharing system found in the Torres Vedras Municipality, called "Agostinhas", is designed for universal use, including electric and conventional bicycles. The service is available in an inner-city area covering 8 km<sup>2</sup>.

The system is integrated into the town's Parking Management System, which also promotes the proper use of public space and improves the mobility of residents by encouraging the use of active transport modes, such as walking and cycling.



### 2. Integrated Parking Management System

This system is a computer application that manages surface parking in the streets of Torres Vedras and monitors parking spaces, urban freight, and abandoned vehicles. This new mobility solution also manages the public bike sharing system. Its innovative character is reflected in the way in which it integrates parking management, coordinates the provision of resident parking cards, oversees the proper filling of parking spaces, and manages the system of public bicycles.



# 3. 'MOBIE E' - National Charging Network for Electrical Vehicles

Portugal was the first country in the world to deploy a fully interoperable and integrated nationwide network of EV charging stations. This network, managed by the mobi.me system, has been in operation since 2010.

Torres Vedras has 10 charging points that belong to the national system. During the site visit, the system and its support platform will be introduced (<u>www.mobie.pt</u>).











#### 'Adega Mãe Winery' 4.

Visit the heart of the winery, get to know the white and red wine presses, and the grandeur of the storage and fermentation tanks. Take a look into the laboratory and visit the Time Room ("Sala do tempo"), where wine aromas combine with the scent of French Oak barrels. Experience the calm of the Reserva, drop by the tasting room, and finish things off with a tasting while you take in the views of the vineyards below.



#### 'Defensive Lines' of Torres Vedras 5.

In the summer of 1810, the armies of Napoleon invaded Portugal for the third consecutive time. To defend Lisbon, the Duke of Wellington set up a series of defensive constructions north of Lisbon, which became known as "the Lines of Torres Vedras". St. Vincent's Fort is one of the biggest forts to be found along the lines, and has the largest garrison and highest number of cannons. It dominates the River Sizandro, as well as the roads that depart from the village towards Lisbon.



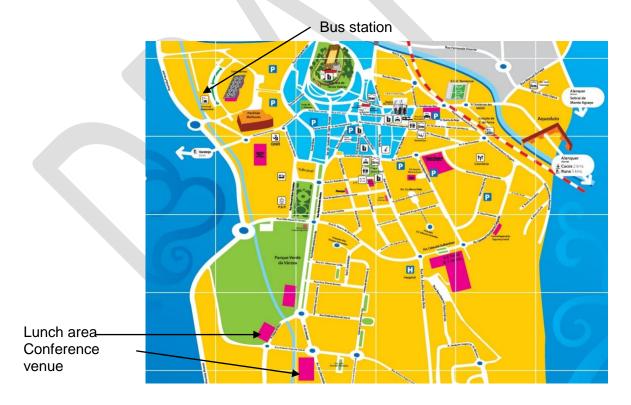


# **GETTING AROUND IN TORRES VEDRAS<sup>1</sup>**





**GREEN LEAF** 



<sup>&</sup>lt;sup>1</sup> See further details in the next version of CIVITAS Forum draft programme.