

MOVING TOWARDS A SUSTAINABLE FUTURE

THE CASE OF TRIKALA

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AREA

608,48 km²



POPULATION

81.355 (2011 Census)



POPULATION DENSITY

133,7 per km² (2011ⁱ)



GEOGRAPHY

Central Greece

Main Rivers: Litheos, Pinios,
Kourmekis, Agiammoniotis,
Paralitheos

Main Mountains: Meteora, Hassia,
Antioch Mountains, Athamanas
Mountains, Kakarditsa, Triggia,
Lakmos, Koziakas



GDP per capita

EUR 11.435
(2012)



EMPLOYMENT MAIN SECTORS

Agriculture

Livestock farming

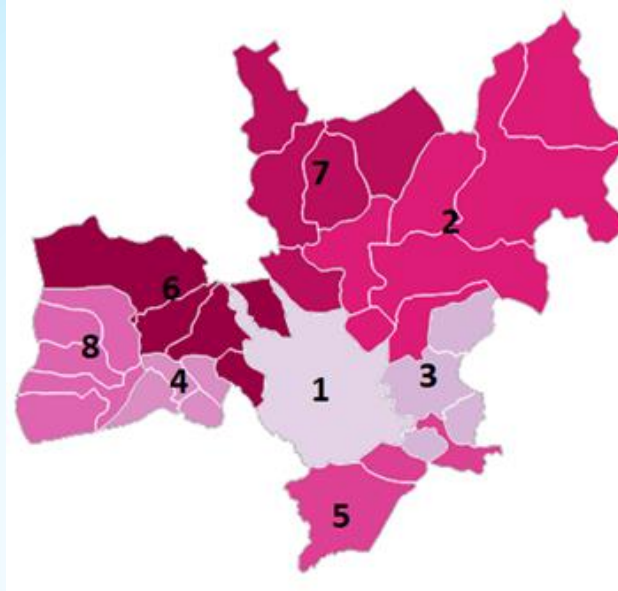
Service sector (public sector,
education, health, banking,
tourism, etc.)



THE CITY OF TRIKALA

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	Municipal Section	Size (km ²)	Number of inhabitants	Inhabitants/km ²
1	Triikkaion (Trikala)	70,1	62.154	886,6
2	Paleokastron	197,9	2.732	13,8
3	Estiaiotida	39,8	2.729	68,6
4	Kallidendrou	21,8	2.193	100,4
5	Megala Kalybia	45,3	2.798	61,7
6	Faloreia	76,3	3.966	52
7	Paralithaion	98	2.660	27,1
8	Koziaka	59,2	2.123	35,9
	Total	608,48	81.355	133,7



Total Population: 81.355 (2011)



76,4% of people live in the Triikkaion Municipal section



Population has a positive trend of 20% (1991 to 2011). Moreover, the population moves from the mountainous and isolated areas of the region to the urban city of Trikala.



Population in the 8 municipal sections varies, starting from a minimum of 2.123 inhabitants in Koziaka to a maximum of 62,154 inhabitants in Triikkaion.

TRIKALA- A SMART CITY OF DIGITAL INNOVATION



- ▶ Long experience in IT innovations- Smart City ever since 2010
- ▶ Close cooperation with E-TRIKALA S.A- EU Projects since 2008



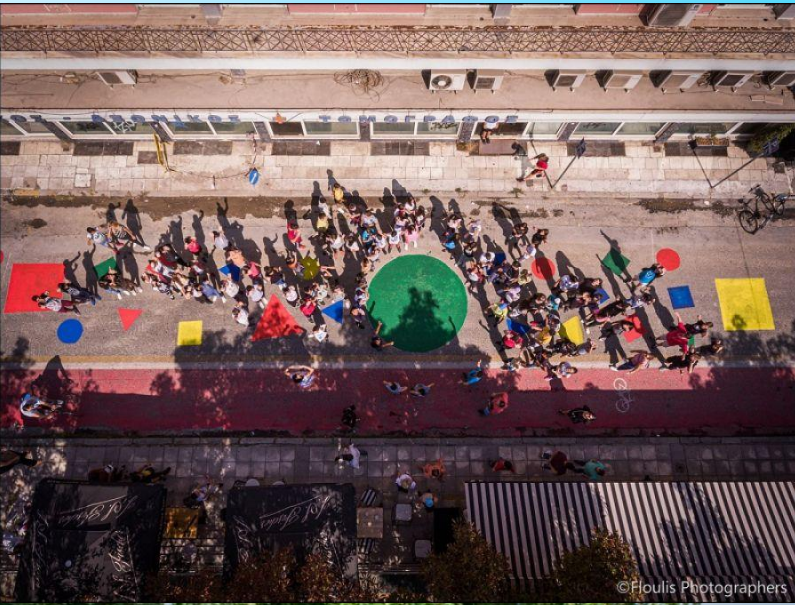
MOBILITY SOLUTIONS CURRENTLY IMPLEMENTED

- ▶ CityMobil2 (FP7) An innovative transport project which included the implementation of an Automated Road Transport System (ARTS)) aiming at introducing the city to the novel technology of the driverless bus.
- ▶ AVINT A conceptual sequence of CityMobil2, funded through the Greek General Secretariat for Research and Technology, examining the possibility of the permanent use of the driverless vehicles, particularly driverless electric buses, as a public means of transport at local level.
- ▶ ELVITEN (H2020) 10 electric vehicles and 3 recharging station available in the city of Trikala. This poses the first approach of the city towards monitoring electric vehicles and their energy footprint, paving the way for more extensive analyses on their practical usage, importance and ecological trace.
- ▶ Cities-4-People (H2020) promoting a people-oriented transport and mobility (POTM) approach, which provides new ways to deliver innovative, sustainable and targeted solutions that address the needs of the public.
- ▶ Harmony (H2020). Providing medication supplies to rural areas via drones. The project aims to enable metropolitan area authorities to lead a sustainable transition to a low-carbon new mobility era.
- ▶ SHOW (H2020) A Pan-European effort, bringing together all key stakeholder across 13 EU states to support the deployment of automation in urban transport chains through demonstration of real-life scenarios to promote seamless and safe sustainable mobility.

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**BOTTOM UP PROCEDURE
CO-CREATION
CITIZENS PARTICIPATION & INITIATIVE**



Παράδοση περισσότερων οδών γύρω από την πλατεία
Η ιδέα αυτή οφείλεται με τη δημιουργία ενός κυκλικού δακτύλιου περιβάλλοντος από και προς την κεντρική π...

48 4 0 0

Απομάκρυνση της κυκλοφορίας μεγάλων οχημάτων στο κέντρο
Η ιδέα αυτή αφορά στην απομάκρυνση της κυκλοφορίας μεγάλων οχημάτων (εμπορικής χρήσης) από κέντρο της π...

52 0 0 0

Δημιουργία αποθηκευτικών χώρων για φίλαυτο πρόσωπο
Στο πλαίσιο αυτής της ιδέας, οι πολίτες θα μπορούν να υλοποιούν τις καθημερινές τους δραστηριότητες...

36 4 0 0

Έλεγχος στάθμευσης γύρω από την πλατεία
Η ιδέα αυτή αφορά στον έλεγχο ή την απομάκρυνση της στάθμευσης στους δρόμους περιμετρικά της κεντ...

29 3 0 0

Δωρεάν παροχή ηλεκτροκίνητων ποδημάτων σε ΑΜΕΑ
Η ιδέα αυτή περιλαμβάνει τη δωρεάν παροχή ηλεκτροκίνητων ποδημάτων που συνδέονται με ασφάλεια...

47 2 0 1

Μεταφορά των κεντρικών σταθμών λεωφορείων εκτός της πλατείας
Η ιδέα αυτή αφορά στη δημιουργία ενός νέου κεντρικού σταθμού λεωφορείων εκτός της κεντρικής πλατείας...

10 0 0 11

Δημιουργία σταθμών με ηλεκτρικά ποδήματα και scooters
Η ιδέα αυτή περιλαμβάνει τη δωρεάν παροχή ηλεκτρικών ποδημάτων αλλά και scooters σε στρατηγικά σημεία...

79 2 0 0

Κατασκευή περισσότερων ραμπών για ΑΜΕΑ
Η ιδέα αυτή αφορά στο σχεδιασμό και ανέγερση ενός δικτύου ραμπών, βοηθώντας έτσι άτομα με...

45 2 0 1



ABOUT SMARTA 2

- ▶ SMARTA 2 – support the set-up of cost-efficient and environmentally friendly first- or last-mile solutions, often in combination with incentives from public and private entities, in four rural areas - East Tyrol (AT), Trikala (GR), Águeda (PT) and Brasov (RO) - to address their respective mobility challenges.
- ▶ The aim is to gather evidence on the effectiveness of these solutions to facilitate the adoption of smart solutions for mobility in other rural areas across Europe.
- ▶ All these interventions will be monitored and assessed in close cooperation with SMARTA.
- ▶ The two projects will use a common evaluation framework to collect evidence about the environmental footprint, cost-efficiency and effectiveness of the mobility solutions to be implemented.
- ▶ Based on the data collected, SMARTA 2 will develop a toolkit of recommendations and lessons learnt to support the implementation of shared sustainable mobility solutions across rural areas in the EU.

SMARTA 2 - DEMONSTRATORS IN TRIKALA




Under SMARTA 2, Trikala sets up a carpooling system, operated via an online application that allows users to check real-time public transport information along with available carpooling options to facilitate the connection between Megala Kalyvia, Megarchi and the city of Trikala. The application also includes an on-demand service to send requests for buses together with a booking system for other supporting services such as storage lockers, wheelchair scooters and bicycles, offered at the info point in Trikala's main square.

5 REASONS WHY YOU SHOULD KEEP AN EYE ON SMARTA 2 - TRIKALA'S DEMONSTRATORS

-  **1** Experience how carpooling interconnected with public transport can decrease CO₂ and traffic levels.
-  **2** Discover how carpooling can improve the mobility of citizens, foster their independence and allow them to participate equally in all aspects of economic and social life.
-  **3** Find out more about the SMARTA 2's participatory approaches and how you can create policies that correspond better to your local populations' needs, ambitions and aspirations.
-  **4** Access the project's toolkit to learn more about the performance of the pilots along with lessons learnt, good practices, implementation challenges and mitigations strategies.
-  **5** Weigh the evidence and make informed decisions to improve the mobility landscape of your area.

A NEW CARPOOLING SYSTEM FOR TRIKALA



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HOW TO USE CARPOOLING

THIS SECTION SHOULD DESCRIBE STEP-BY-STEP HOW SOMEONE CAN USE THE SERVICE, FOR EXAMPLE:

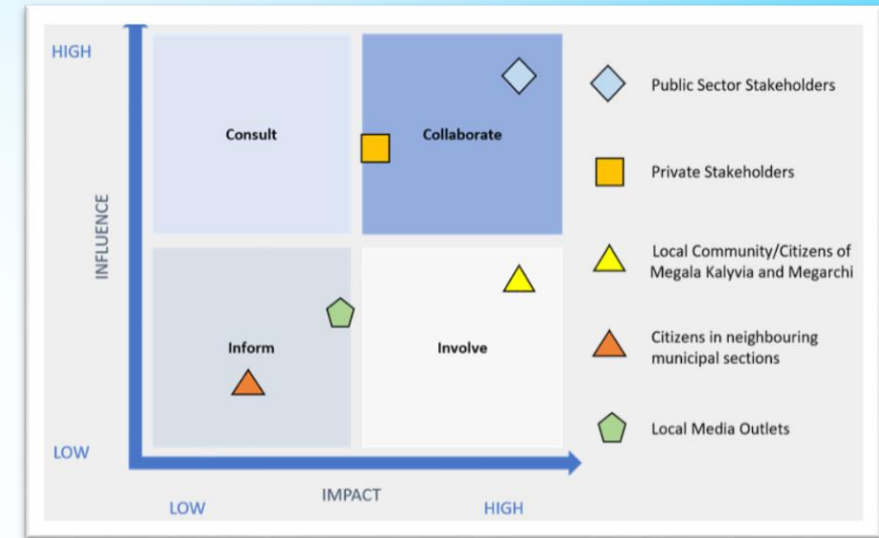
-  **1** DOWNLOAD THE APP FROM GOOGLE PLAY AND SELECT FROM THE DASHBOARD THE TYPE OF SERVICE YOU WOULD LIKE TO USE.
-  **2** VIEW REAL TIME INFORMATION FOR BUSES IN MEGALA KALYVIA AND MEGARCHI WITHOUT REGISTRATION.
-  **3** SIGN UP TO USE THE BEST OF THE SERVICES. THIS IS EASY AND IT TAKES LESS THAN 2 MINUTES!
-  **4** THEN, SIMPLY CLICK ON THE SERVICE YOU WOULD LIKE TO USE, FILL IN THE REQUESTED INFORMATION AND CHECK ITS AVAILABILITY! YOU ARE READY TO GO!

MUNICIPALITY OF TRIKALA GREECE





- ▶ Site-specific Communication and Dissemination Plans
- ▶ Target Audience mapping
- ▶ Stakeholder Classification Model
- ▶ A behaviorally inspired communication strategy
- ▶ Test a dedicated nudge per pilot area and assess its potential in shifting behavior towards sustainable mobility.
- ▶ Establish a timeline of promotional activities and dissemination material and channels



SMARTA 2- PRE-LAUNCH ACTIONS



- ▶ The project was introduced widely to the public during the consultation workshop that took place in January 2020. During this event a discussion with stakeholders Public procurement for the development of the service.
- ▶ Agreement with the communities has already been accomplished
- ▶ The app is ready
- ▶ Dissemination material is finalized

SMARTA 2- CHALLENGES AND MITIGATION ACTIONS

Challenges	Mitigation actions
Lack of people participation	Frequent workshops and promotion events that will keep peoples interest alive
Technical failure of the app	<ul style="list-style-type: none">-Test the app among us before offering it to the public- Periodic improvements of the app
COVID-19 lockdown	The only service offered by the app that can be affected by the COVID-19 measures is car-pooling. Replace this service with an alternative one e.g food sharing service for the elderly of the pilot areas.
Low participation due to the summer period	Increase promotion activities after 17 th of August



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SMARTA 2 is an EU-funded project under MOVE/B4/2018-567 running from September 2019 to March 2021 involving 7 partners from 6 countries. The responsibility for the information of this press release lies entirely with the authors. It does not necessarily reflect the official opinion of the European Union. Neither the European Union institutions and bodies nor any person acting on their behalf are responsible for the use which may be made of the information contained therein.