

MASTER PLAN ΓΙΑ ΒΙΩΣΙΜΑ
ΕΥΦΥΗ ΣΥΣΤΗΜΑΤΑ
ΜΕΤΑΦΟΡΩΝ:
ΕΥΦΥΕΙΣ ΚΟΜΒΟΙ ΚΑΙ ΕΞΥΠΝΕΣ
ΠΟΛΕΙΣ

Καθ. Γεώργιος Στεφανίδης

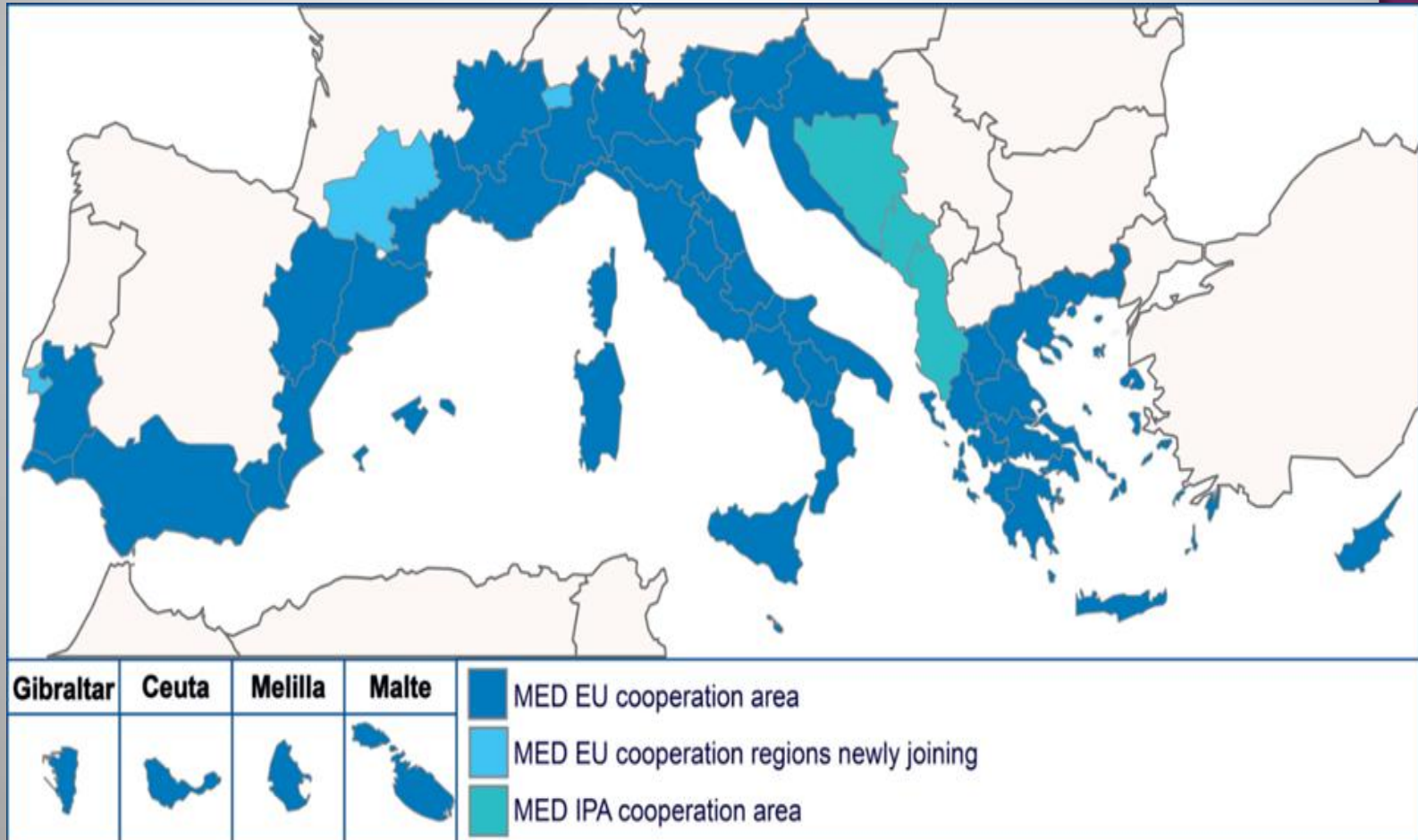
ΠΑΝΕΠΙΣΤΗΜΙΟ ΠΑΤΡΩΝ
ΤΜΗΜΑ ΠΟΛΙΤΙΚΩΝ ΜΗΧΑΝΙΚΩΝ

MAIN OBJECTIVES

Ενοποιημένη πλατφόρμα Ευφυών Συστημάτων Μεταφορών (ΕΣΜ):

- ενοποιούνται πληροφορίες θέσης, μεταφοράς, ενέργειας, περιβάλλοντος και υγείας
- κινούμενες και σταθερές πηγές
- ευφυής κόμβος, έξυπνη πόλη, έξυπνη περιοχή

COOPERATION AREA OF INTERREG MED PROGRAMME, PERIOD 2014-2020

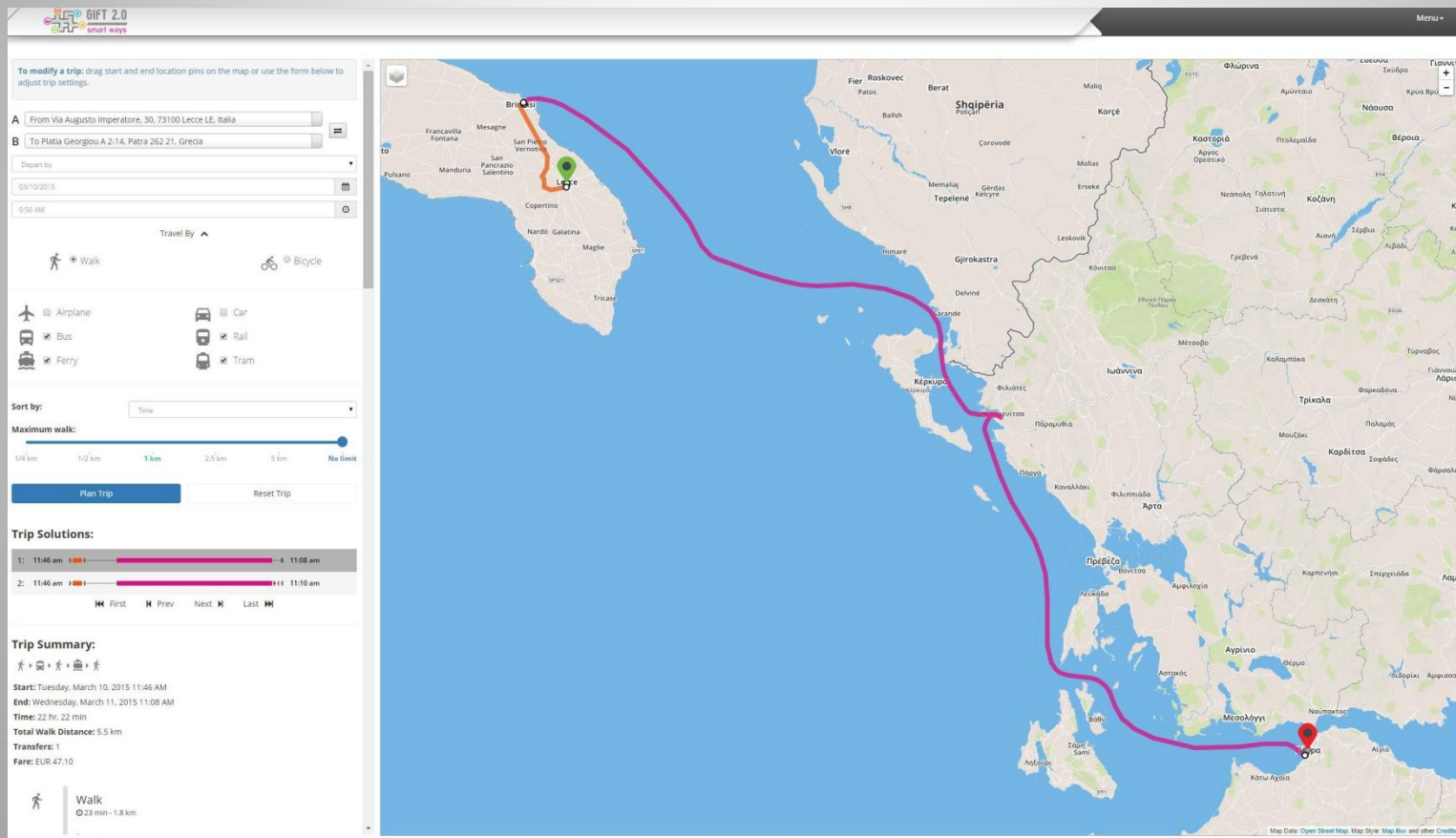


GIFT 2.0

- ◉ **Αποτελεσματικότερη** λειτουργία κόμβων με μικρότερο χρόνο και κόστος
- ◉ **Ενίσχυση** έξυπνων διασυνοριακών γραμμών συνδυασμένων μεταφορών
- ◉ **Εκπαίδευση** σε καινοτόμα πολυμορφικά εργαλεία μετακίνησης
- ◉ **Υποστήριξη** βιώσιμης ανάπτυξης μεταφορών: Λιμένες, αεροδρόμια, υπερ. γραμμές

GIFT 2.0

Παράδειγμα χρήσης της πλατφόρμας



The screenshot displays the GIFT 2.0 web application interface. On the left, there is a form for trip planning. The origin (A) is 'From Via Augusto Imperatore, 30, 73100 Lecce LE, Italia' and the destination (B) is 'To Platia Georgiou A 2-14, Patra 262 21, Grecia'. The departure date is 03/10/2015 at 10:56 AM. The travel mode is set to 'Walk'. Below the form, there are icons for different transport modes: Airplane, Car, Bus, Rail, Ferry, and Tram. A 'Sort by' dropdown is set to 'Time'. A 'Maximum walk' slider is set to 1 km. The 'Plan Trip' button is highlighted. Below the form, there are 'Trip Solutions' listed with their respective start and end times. The first solution starts at 11:46 am and ends at 11:08 am. The second solution starts at 11:46 am and ends at 11:10 am. A 'Trip Summary' section provides details: Start: Tuesday, March 10, 2015 11:46 AM; End: Wednesday, March 11, 2015 11:08 AM; Time: 22 hr, 22 min; Total Walk Distance: 5.5 km; Transfers: 1; Fare: EUR 47,10. At the bottom left, there is a 'Walk' icon and text: 'Walk 23 min - 1.8 km'. The main part of the interface is a map showing the route from Lecce, Italy to Patra, Greece. The route is highlighted in purple and follows a path through the Adriatic Sea, passing through the Balkans and Greece. The map includes various geographical features and labels for cities and regions.

EXAMPLE: E-BICYCLE





GIFT 2.0

smart ways

Adjust your route preferences:



Food & Drink

Average



Trips

Plenty of



Monuments

A little




Submit



GIFT 2.0

smart ways

Input your route costs:

 Budget 200,00

 Time 260 min

Go back

Submit



GIFT 2.0

smart ways

Suggested Points of Interest

1



Naupaktos

2



Georgiou I Square

3



Patras Castle

4



Old Municipal Hospital

5



Ancient Olympia

6



Sinialo

7



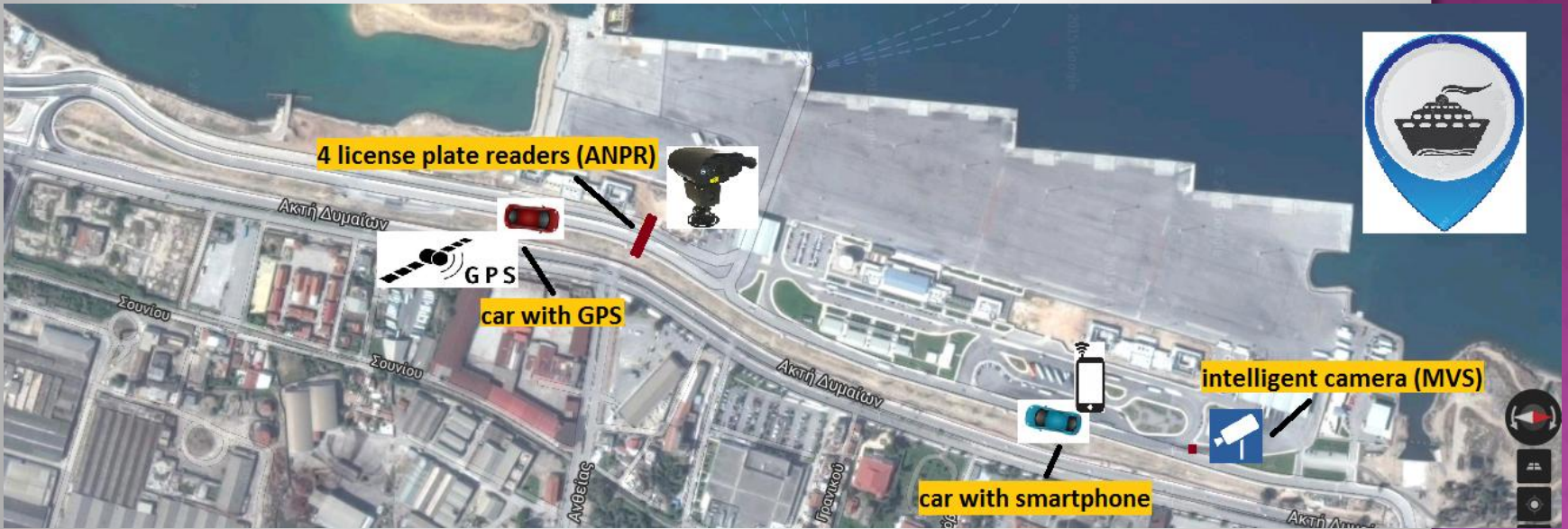
Vino di Vino

8



Mr Burger

- Πληροφορίες κυκλοφορίας για αστικούς χρήστες/ λιμενικές αρχές
- Πληροφορίες ασφάλειας & προστασίας στις λιμενικές αρχές
- Πληροφορίες ακριβείας για κινήσεις οχημάτων εντός/πλησίον λιμένας
- Καθοδήγηση σε περίπτωση συμβάντος για αρχές και οδηγούς



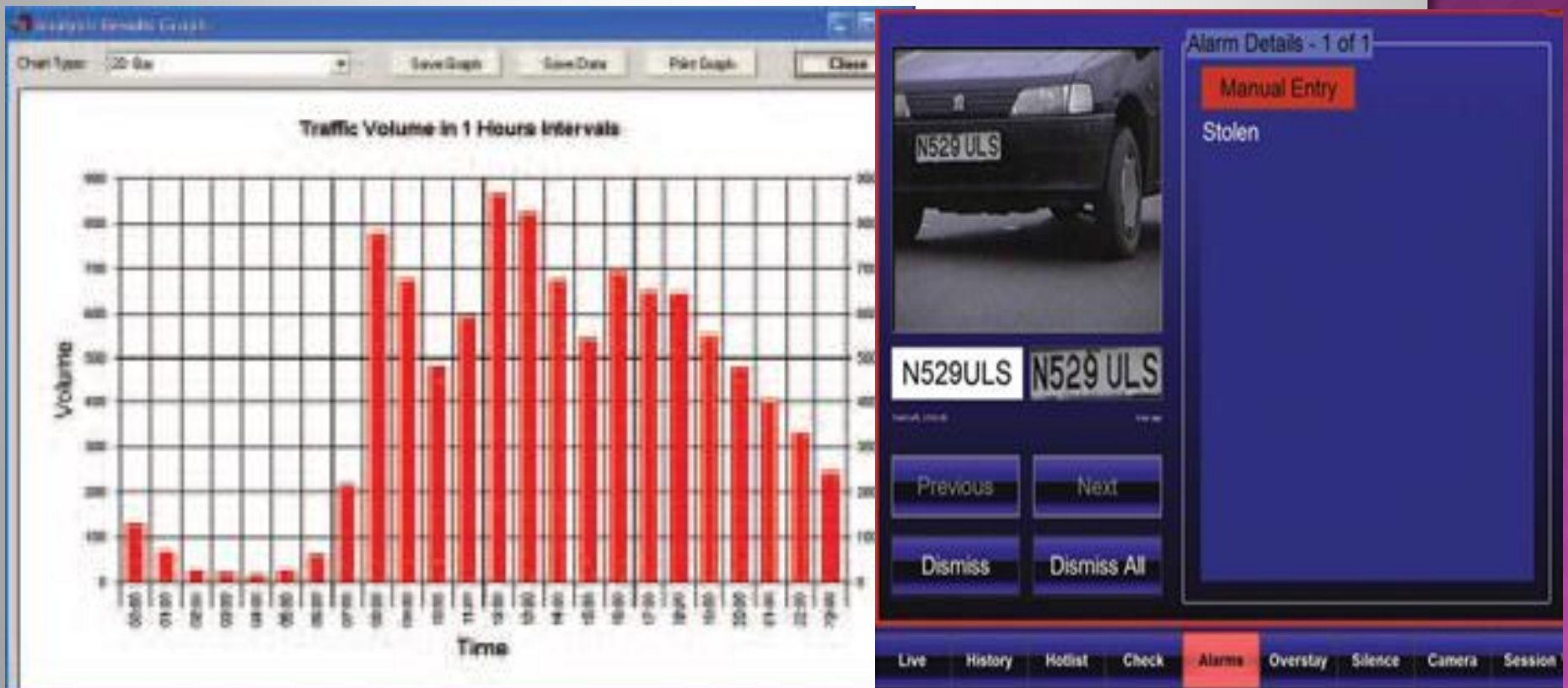
intelligent camera_video reception



license plate reader (ANPR)



ANPR



license plate reader (ANPR)_video reception

Autoscope Live 8.1 (build 21)

File Options View Diagnostics Help

IN Costa Morona Ovest - IN Costa Morona Ovest

OUT Costa Morona Ovest - OUT Costa Morona Ovest

Category:

Vehicle:

Name:

Action:

Colour: None

Picture:


Country: Italy

Confidence: 100

Access Alert:

Notes:

Frequent Visitor:



EP229VH EP229VH

Category:

Vehicle:

Name:

Action:

Colour: None

Picture:


Country: Italy

Confidence: 7

Access Alert:

Notes:

Frequent Visitor:



DX08B3 DX08B3

Category:

Vehicle:

Name:

Action:

Colour: None

Picture:


Country: Italy

Confidence: 100

Access Alert:

Notes:

Frequent Visitor:



DT878ML DT878ML

Category:

Vehicle:

Name:

Action:

Colour: None

Picture:


Country: Italy

Confidence: 15

Access Alert:

Notes:

Frequent Visitor:



J026HY J026HY

Plate

DJ752VR
A212
EG040YW
DL686VX
CG969YY
EP229VH
DX153DX
CM4027X
DY714VB
CS480TB
CG969YY
CG969YY
A079449
DJ329VP
BL2B2
8BL4
CF064WH
B113UE5
DJ329VP
XA431CT
BZ498CX
DJ329VP
ED126VVV
CK516TV
CK516TV
DT878ML
J026HY
CJ826477
FK0612
DG569EB
BP96380
ED126VVV
DX152DX
ES4627Y
DX08B3

IN Extra Schengen - IN Extra Schengen

OUT Extra Schengen - OUT Extra Schengen

Category:

Vehicle:

Name:

Action:

Colour: None

Picture:

Country: Italy

Confidence: 100

Access Alert:

Notes:

Frequent Visitor:

Category:

Vehicle:

Name:

Action:

Colour: None

Picture:

Country: Italy

Confidence: 15

Access Alert:

Notes:

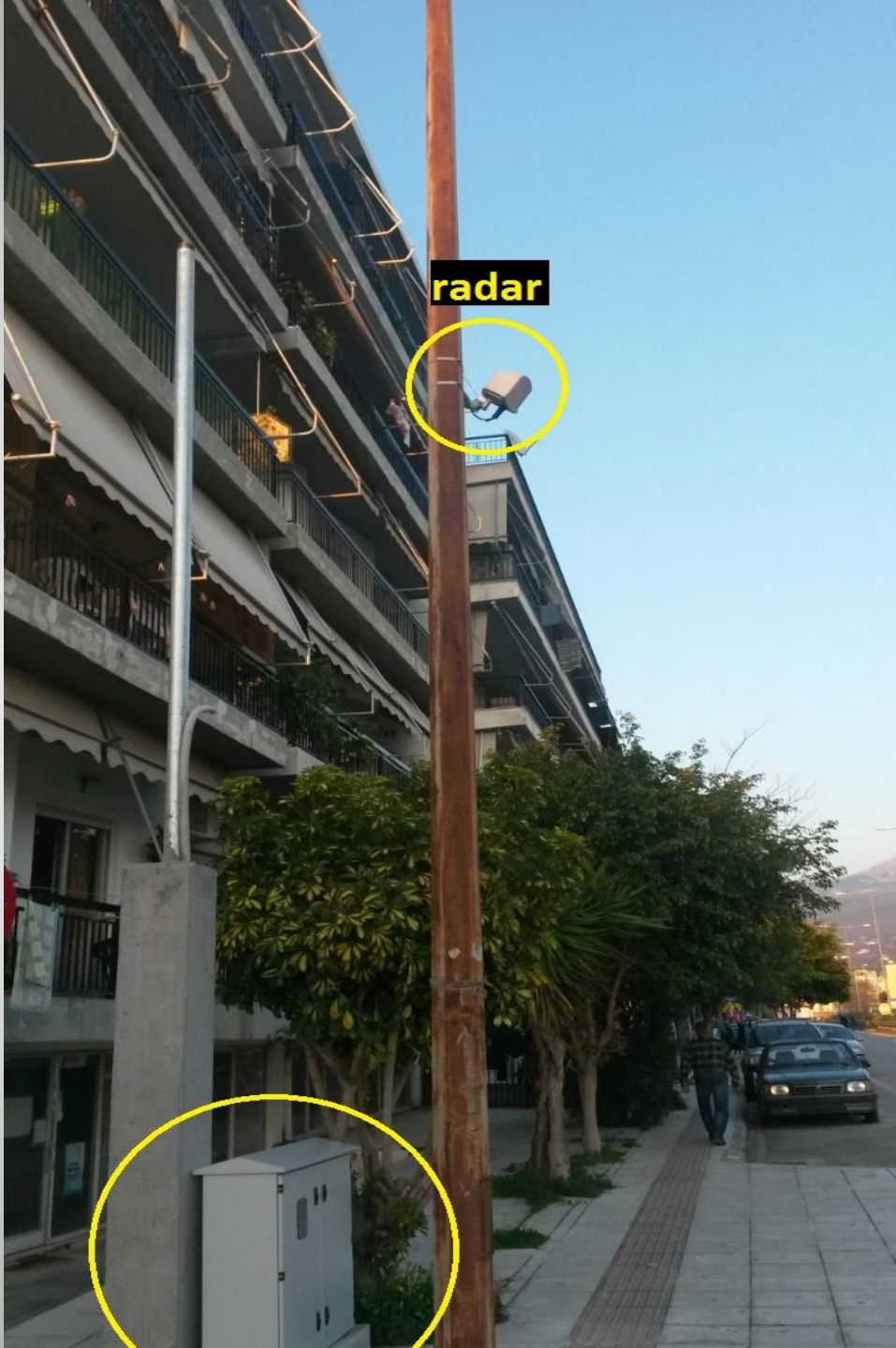
Frequent Visitor:

Autoscope (Streaming) Socket Error (2014-04-04)

Log Off AutoGroup Renewer ESK Database Log On Server Run Help

RADAR





radar

CESAPO: ENVIRONMENTAL EFFECT OF CONGESTION (EMISSIONS)

EXAMPLE: ROUPHAIL AND FREY (ΑΘΗΝΑ-ΚΩΝΣΤΑΝΤΙΝΟΥΠΟΛΗ)

Effect of Arterial Mean Speed on Distance-based Emission Rates (gm/km)

Speed (km/h)	NO	CO	CO ₂
10-20	0.24	2.1	436
30-40	0.17	2.0	253
>50	0.14	1.4	181



ΠΡΑΣΙΝΗ ΕΝΕΡΓΕΙΑ: GRASP

- ◉ **Βελτίωση:** γνώσεων Μικρομεσαίων Επιχειρήσεων (ΜμΕ) για καλύτερη διαχείριση της ενέργειας
 - Ενεργειακή Απόδοση (ΕΑ)
 - Ανανεώσιμες Πηγές Ενέργειας (ΑΠΕ)
- ◉ **Υλοποίηση:** ανανεώσιμων ενεργειακών λύσεων με τον οικονομικά αποδοτικότερο τρόπο
- ◉ **Πρώθηση:** οικονομικά αποδοτικότερων εφαρμογών
- ◉ **Υγεία:** Ελαχιστοποίηση επιπτώσεων



GRASP

- GRASP Transnational Mediterranean Network (TMN) - Διακρατικό Μεσογειακό Δίκτυο <http://grasp-tmn.eu/>
- Βάσεις Δεδομένων για Δημόσιους Φορείς / ΜμΕ
- On-line υπηρεσία δημόσιων ηλεκτρονικών συμβάσεων με «έξυπνες» λειτουργίες

TRANSNATIONAL Mediterranean Network

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Grasp-Med News Members User Guide e-Procurement

Project co-financed by the EUROPEAN UNION
L'Europe en Méditerranée
Project cofinancé par l'UNION EUROPÉENNE

Latest News

Engineering for Environment Protection 2015

Posted on: 31 March 2015 By: Conxita Junquera

the 21th International Conference "Engineering for Environment Protection - TOP". This event will be a special occasion where experts on environmental issues can assess the progress in the protection of the environment that has been achieved over the last two decades, and present new scientific findings and [future trends](#) in waste management.

[Show more](#)

New office helps Cyprus University of Technology to embrace GP

Posted on: 31 March 2015 By: Massimo Iannicello

The Cyprus University of Technology (CUT) is based in the City of Limassol (Lemesos). It is

Search Members
Organization Name
Contact Person
Nature Profile
Key Areas / Business sectors
Building climate control
Building renovation & retrofitting
Geothermal energy
Heating and cooling efficiency
IT equipment
Public Lighting

Welcome Yorgos Stephanedes

SME dashboard

Dashboard
Product list
Add Product
Search for Products
Search for Tenders
Environmental answers
HELP
Profile
Logout

FAQ / HELP
My Products
Add Products
Search Products
Search tenders
Environmental answers
My profile

www.grasp-med.eu

2015 © GRASP

OPAMA: SMART COMMUNITY SHARING

- Dynamic intelligent systems can be part of future *smart community of shared mobility*
- Combined with other sharing modes
 - public transit
 - dynamic carpooling
 - electric bicycle, tricycle, scooter
 - electric car
 - autonomous vehicle

ΣΥΝΕΡΓΑΣΙΕΣ

- ◉ Διαρκής ασφάλεια και προστασία σε ευφυείς διαμετακομιστικούς κόμβους (π.χ. λιμένες Πατρών, Ηγουμενίτσας, Λεμεσσού, Brindisi)
- ◉ Δίκτυα εξατομικευμένης πληροφόρησης ευφυών κόμβων (π.χ. Ηρακλείου, Bari)
- ◉ Καινοτομία στις έξυπνες πόλεις



European Territorial Cooperation Programme
Greece - Italy
2007-2013
INVESTING IN OUR FUTURE
Co-funded by the European Union (ERDF)
and by National Funds of Greece & Italy



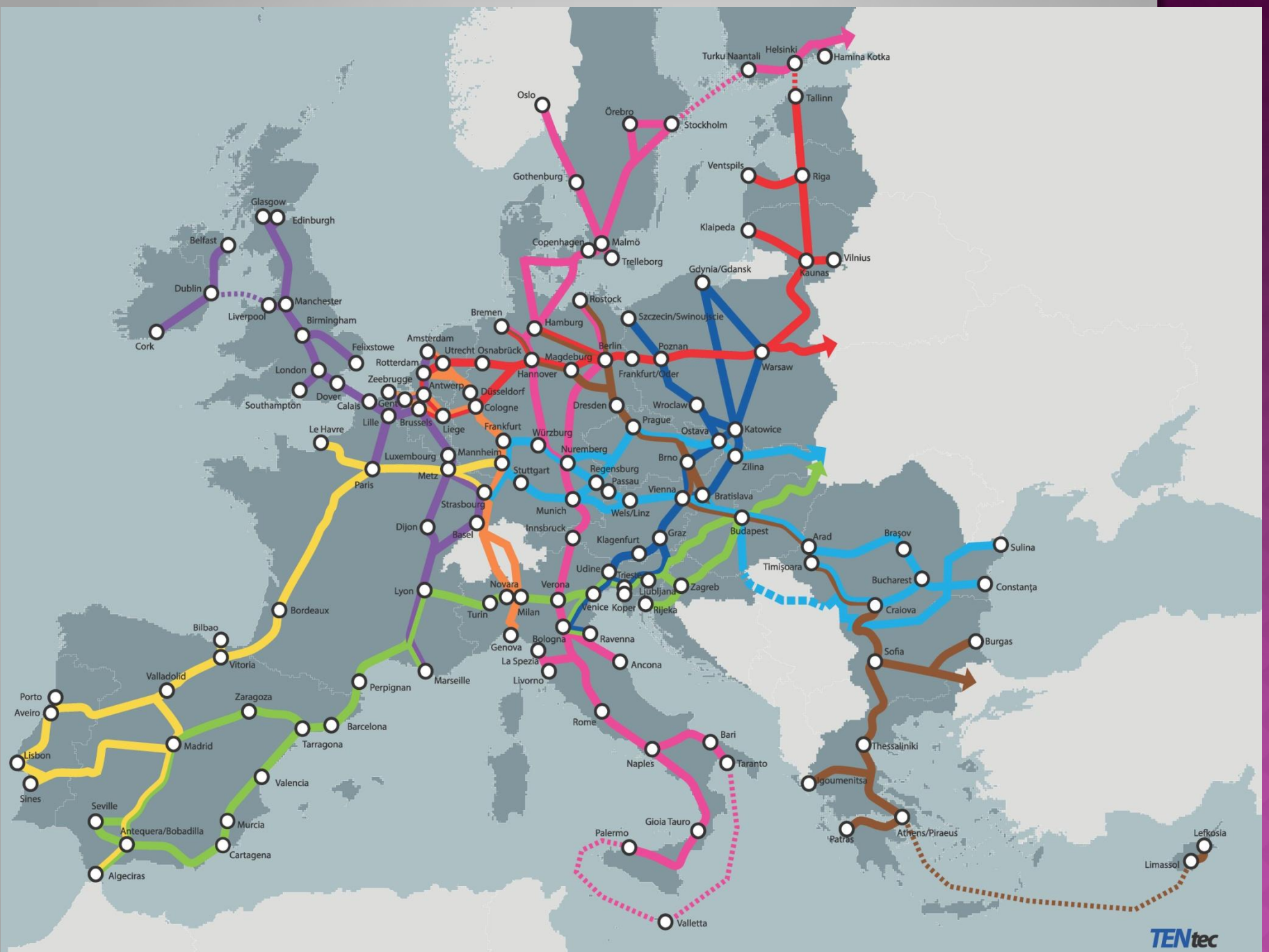
ΚΕΦΑΛΑΙΟΠΟΙΗΣΗ

- ◉ Low-Carbon
- ◉ Green Growth
- ◉ Megaregions
- ◉ TEN-T
- ◉ Connecting Europe Facilities
- ◉ Smart Cities and Communities
- ◉ Center of Competitiveness



ΠΑΝΕΠΙΣΤΗΜΙΟ
ΠΑΤΡΩΝ
UNIVERSITY OF PATRAS





“VEHICLES” IN CONTACT



HOME CINEMA





"NO! I CAN'T BE BOTHERED TO SEE SOME CRAZY SALESMAN. WE'VE GOT A BATTLE TO FIGHT!"

Ευχαριστώ!

Ερωτήσεις;