



CIrCle 2019

Challenges for the Islands in the era of the Circular Economy

Thursday 28 - Friday 29 March 2019
Nicosia, Cyprus

Under the auspices of



Conference Agenda

SMile 2019

6th Sustainable Mobility & Intelligent Transport conference



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Day 1

08:30-09:00 Registrations

09:00-09:45 Welcome Opening

V. Anastasiadou | Minister of Transport Communications and Works
C. Kadis | Minister of Agriculture, Rural Development and Environment
G. Kremlis | President of the Organizing Committee Circle 2019, Honorary Director, European Commission
C. Yiorkadjis | Mayor of Nicosia
C. Spirtzis | Minister of infrastructure, Transport and Networks of Greece
H. Morsi | DG MOVE, European Commission
T. Christofides | Rector of the University of Cyprus
D. Calleja Crespo | Director General, DGENV
G. Patoulis | President of the Central Union of Municipalities of Greece

09:45-10:45 Circular Economy, Green Growth and Blue Economy in the Islands

Moderator: **G. Kremlis** | Honorary Director, European Commission

I. Panayiotou | Environment Commissioner, Cyprus
G. Sciacca | Conference of Peripheral Maritime Regions (CPMR), France
E. Hatziyianni | Region of Crete, Greece
G. Chianetta | Greening the islands, Italy
N. Tsipiras | INSULEUR, Greece
Q&A and discussion

10:45-11:15 Coffee break

11:15-12:15 Sustainable Mobility: the Policy and Legal Framework

Moderator: **H. Morsi** | DG MOVE

S. A. Michael | Permanent Secretary, Ministry of Transport, Communications and Works, Cyprus
G. Kremlis | Honorary Director, European Commission
D. Prasek | Environment and Sustainability Department, EBRD
A. Spyridonidou | Executive Secretary of CIVINET CY-EL, Cyprus
M. Morais | Portuguese Electrotechnical Institute, Portugal
C. Sanchez | Malaga City Council, Spain
I. Briesner | Austrian Mobility Research FGM - AMOR Gemeinnützige GMBH
J. Nared | ZRC SAZU, SMART-MR Project, Slovenia
Q&A and discussion

12:15-13:15 Innovation, Policies in the Energy - Water Nexus

Moderator: **G. Chianetta** | Greening the Islands

S. D. Himonas | Permanent Secretary, Ministry of Energy, Commerce and Industry of Cyprus
M. Damasiotis | CRES, Greece
T. Tsoutsos | Professor, Renewable and Sustainable Energy Systems, Technical University of Crete, Greece
O. Paraíba | Energy and Environment Agency of Arrábida, Portugal
K. Maganiotis | Hellenic Electricity Distribution Network Operator
G. Pechlivanoglou | Eunice Energy Group, Greece
I. Wilf | Fluence Corporation, USA
O. Sallangos | Dhekelia Desalination Plant Manager, Cyprus
Q&A and discussion

13:15-14:15 Climate Change, Energy and Mobility National and Territorial Plans

Moderator: **A. Carollo** | IDEA URBANA Engineering S.r.l., ENERNETMOB project, Italy

T. Mesimeris | Senior Environment Officer, Department of Environment, Cyprus

R. Lamas Borraz | Metropolitan Area of Barcelona, Spain

I. Luque Segura | MEDCITIES AMB, Spain

C. Daniel | Energy and Environment Agency of Arrábida, Portugal

Y. Stephanedes | Professor, University of Patras, GRASPINNO project, Greece

K. Maganiotis | Hellenic Electricity Distribution Network Operator

Q&A and discussion

14:15-15:15 Light lunch

15:15-17:30 Parallel sessions

Hall: Elia

Circular Economy. Solid Waste Management

Moderator: Prof. **M. Loizidou**, National Technical University of Athens, Greece

“Circular Economy in the context of Waste Management”
Prof. **M. Loizidou**, NTUA, Greece

“The Local Plan for Waste Management”
E. Evangelides, Mayor of Aradippou, Cyprus

“Presentation of the Ecological Park of Athens & new separate collection & recycling technologies. How to reach recycling targets.”, **P. Mourgos**, Managing Director, TEXAN / ENVIPCO, Greece

“Decentralized management of bio-waste and their utilization using alternative and innovative treatment systems: the BIOMA Project”
P. Savva, Cyprus University of Technology

“The prevention of food waste as a strategy to implement to bio-economy”
Dr. **A. Skordilis**, f. General Director, Hellenic Recycling Agency, Greece

“Application of organic materials in soil in a circular economy”, **P. Dalias**, Agricultural Research Institute, Cyprus

Hall: Zenon Kitieus A

Sustainable Mobility - International Experience - ICT tools

Moderator: **C. Sanchez**, Malaga City Council, GO SUMP project, Spain

“Limassol SUMP”,
D. Demetriou, Transport Planner/Project coordinator, Public Works Department, Cyprus

“Larnaca SUMP”, **C. Minelli**, Senior Transport Planner, Mobility in Chain, Italy

“A tool for environmental assessment of traffic mitigation actions for high congested roads in Mediterranean urban areas as in REMEDIO project”,
A. Poupkou of the Aristotle University of Thessaloniki, Greece

“PDU/Tramway de Sfax”,
R. Haj Taieb, Technical Services - General Manager, Sfax City Council, Tunisia

“Sustainable Mobility challenges in EU islands. The Case of Crete.”,
S. Tournaki, Senior Expert, Technical University of Crete, Greece

“From Urban Mobility to European Commute. The case of Palma.”, **M. Rivera Bennassar**, Urban Public Transportation Company, Palma (Mallorca)

Hall: Zenon Kitieus B

Resources for GIS and Open Data in Cyprus

Moderator: **S. Chistodoulou**, Prof. at University of Cyprus

“Open Data and Services provided by the Government of Cyprus”, **D. Michael**, Administrative Officer A', Public Administration and Personnel Department, Cyprus and **N. Neokleous**, Cadastral Officer, Department of Land and Surveys, Cyprus

“Big and Open Data for Mobility: Impact of Smart Mobility Living Labs to Sustainable and Innovative Mobility Services Development”,
G. Aifadopoulou, Research Director – Deputy Director HIT

“Available Data from ITS System in Cyprus”,
A. Savva, Executive Engineer, Public Works Department, Cyprus

“Research Collaboration between KIOS and Public Works Department”,
A. Antonakoudi, Innovation Hub Manager, KIOS, University of Cyprus

“The use of GIS in Public Transport” **L. Tofas**, General Director of T.C. Geomatic Ltd, Cyprus

"Turn waste to resource through local supply chains of UCO to biodiesel. The COMPOSE model towards positive energy communities."

A. Gkouskos, Technical University of Crete, Greece & **V. Valentar**, KGZS, Slovenia

"Hazardous & industrial waste. From bad to best practices", **A. Kontouzoglou**, CEO Sometra, Romania

"CO2 Capture & Mineralization: A novel Circular Economy enabling technology"

G. Skevis, CERTH/CPERI, Greece

Investment in Cycling

Moderator: **C. Sanchez**, Malaga City Council, GO SUMP project, Spain

"Cycling in Cyprus", **K. Stylianou**, Civil Engineer-Transport Planner, Public Works Department, Cyprus

"E-Bike Sharing and Sharing Economy-Good Practices", **G. Voulgaroudes**, CEO Brainbox SA, Cyprus

"Appraisal of Non-Motorized Road Traffic Levels in Cyprus, taking into account socio-demographic & Economic Characteristics", **P. Nikolaou & L. Dimitriou**, Professors at University of Cyprus

"Samocat: Automatic micro-transportation system", **M. Omelchuk**, TEOCOMTECH LTD/SAMOCAT

"Mobility Analysis and Morphologies: The case of Cypriot Major Cities", **A. Savvides & L. Dimitriou**, Professors at University of Cyprus

GIS Workshop: Open discussion for GIS development and data sharing with other government departments and other public authorities.

17.30-18:30 Expo area & Research hub

hosted by EnerNETMob, Step2smart, Region of Crete

- **Interreg MED: Urban Transports' Community** (ENERNETMOB, LOCATIONS, REMEDIO, SUMPORT, MOTIVATE), **MED Green Growth Community** (GRASPINNO, ESMARTCITY, MED GREENHOUSES, GREENMIND), **Sustainable Tourism Community** (BLUEISLANDS, BLUEMED), **Renewable Energy Community** (COMPOSE)
- **Interreg Europe:** InnovaSUMP, SMART-MR, BIOMA
- **Interreg EL-CY:** Step2smart, SmartWater2020
- **ADRIPASS**
- **LIFE:** PAVetheWaySTE
- **H2020 HYDROUSA, H2020 CIVITAS DESTINATIONS, RESCoop Plus, ZERO-BRINE**
- **IEE neZEH**
- **KIOS**
- **Nicosia Municipality**
- **Council of the Promotion of Cycling**
- **AIR CONTROL**

Electromobility side-event

20:00

Dinner at Royal Hall

Day 2

08:15-09:00 Registrations

09:00-10:30 The Role of Public Authorities in Sustainable Mobility, Urban Transport and Tourism

Moderator: **L. Afxentiou**, Managing Director at InteliConS LTD and Consultant of Limassol Municipalities, Cyprus

A. Vyras | Mayor of Larnaca, Cyprus

N. Nikolaides | Mayor of Limassol, Cyprus

D. Papastergiou | Mayor of Trikala, Greece

P. Georgiou | Mayor of Ypsonas, Cyprus

S. Rajačić | County of Primorje and Gorski Kotar, Croatia

A. Papacharalambous | Mayor of Strovolos, Cyprus

Č. Špacapan | Director RDA Nova Gorica, Slovenia

K. Xidias | Mayor of Germasogeia, Cyprus

Q&A and discussion

10:30-11:00 Coffee break

11:00-13:00 Parallel sessions

Hall: Elia

Circular Economy good practices. Water resources & Wastewater Management.

Moderator:

Dr. M. Zachariou-Dodou,
Institute of Environment &
Sustainable Development,
Cyprus

*“Wastewater management in
Cyprus”*,

M. Zachariou-Dodou,
Institute of Environment &
Sustainable Development,
Cyprus

*“Regenerative & nature-based
water solutions: The H2020
HYDROUSA Project”*,

K. Moustakas, NTUA, Greece

*“Introduction to Wastewater
re-use”*, **P. Karaolia**,
Nireas-International Water
Research Center, Cyprus

“SmartWater2020 Project”,
M. Anastasiadou, University
of Cyprus

Hall: Zenon Kitieus A

European Mobility- Boosting Sustainable Mobility through European Programs- Electromobility in the MED area

“Future mobility”, **T. Ebner**,
BMW, Germany

“InnovaSUMP” project,
A. Kolyvas,
Civil Engineer - Transport
Planner at Nicosia
Municipality, Cyprus

*“Interreg MED Urban
Transport’s Community
results”*, **H. Chaumier**,
Codatu, France

“EnerNETMob project”,
I. Mardikis, Dynamic Vision,
Greece and **I. Panagiotidis**,
Ministry of Transport
Communications and Works,
Cyprus

*“The entrepreneurs’
propensity to adopt electric
mobility in the short food
supply chain”*, **A. Galati**,
University of Palermo,
Sicily, Italy

Hall: Zenon Kitieus B

“Step2Smart”, Project- Cross-Border Collaboration of Island Urban Areas to Improve Environmental Conditions through the Use of Intelligent Transport Systems

Moderator: **L. Dimitriou**,
Professor at University of
Cyprus

*“The “Step2Smart” Platform
for Historical and Real-Time
Transport Analytics and
Traffic Management”*,

S. Christodoulou
and **M. Tsaggaris**, Professors
at University of Cyprus

*“Preliminary traffic modeling
features incorporating
real-time information for the
city of Nicosia”*, **H. Ballis**
and **L. Dimitriou**, Professors
at University of Cyprus

*“Step2Smart: a smart step
towards sustainable mobility
for Kos island”*, **A. Kalloudis**,
Municipality of Kos Island,
Greece

*“Seasonal Variation of Waste as an effect of Tourism”, BLUEISLANDS Project, **A. Papanastasiou**, Department of Environment, Cyprus*

*“Turning domestic Used Cooking Oil into a Renewable Fuel for Education and Entrepreneurship: the case of Tiganokinisi”, **D. Petsa**, ISOTECH Ltd*

*“Coupling Concentrated Solar Power with Multiple Effect Distillation for Seawater Desalination”, **A. Bonanos**, The Cyprus Institute, Cyprus*

*“MED Greenhouses – An innovative geothermal technology for energy & water use efficiency in greenhouse sector”, Prof. **A. Papachatzis**, Univ. of Thessaly, Greece*

*“GreenMind project”, **G. Aifadopoulou**, Research Director – Deputy Director HIT*

*“Sustainable Urban Mobility Plans in MED-Port cities”, **M. Miltiadou**, Aristotle University of Thessaloniki, SUMPORT & ADRIPASS projects*

*“MOTIVATE project”, **A. Karakatsanis**, Municipal Engineer, Larnaca Municipality*

*“LOCATIONS project”, **A. Spyridonidou**, Executive Secretary of CIVINET CY-EL, Cyprus*

*“Chania traffic control system: Optimizing the traffic control using environmental data – Step2Smart project.”, **G. Marinakis**, Director of the Traffic Control & Street Lighting Dept. of Chania Municipality, Greece*

*“The Latest Developments in Promoting Intelligent Transport Systems (ITS) in Cyprus”, **A. Savva**, Executive Engineer, Public Works Department, Cyprus*

*“Step2Smart: operational integration of traffic management and air quality assessment in the City of Nicosia”, **F. Barmpas**, Laboratory Teaching Personnel, Aristotle University of Thessaloniki (AUTH), Greece*

13:00-14:00 Light lunch

14:00-15:00 Smart Cities & Digital Economy

Moderator: **A. Kolyvas** | Civil Engineer- Transport Planner at Nicosia Municipality, Cyprus

D. Drakopoulos | Smart City Consultant of Nicosia Municipality, Cyprus

N. Lambrogiorgos | Senior Account Manager, CISCO, HELLAS-CYPRUS

Charalambos Charalambous | Director of sales and Business development, Logicom Solutions

A. Kalogeras | Research Centre ATHENA, ISI, ESMARTCITY project, Greece

Q&A and discussion

15:00-16:00 Good Circular Economy Practices. Financing & funding tools.

Moderator: **G. Zarlenga** | CUEIM

D. Prasek | Environment and Sustainability Department, EBRD

M. Litsardopoulou | Royal Norwegian Embassy, Greece

A. Kontouzoglou | CEO Sometra, Romania

P. Mourgos | TEXAN / ENVIPCO, Greece

V. Zepic | Tecos, Slovenia

Z. Mantas | Eunice Energy Group

D. Kokosioulis | Dynamic Vision, Greece

Q&A and discussion

16:00-16:30 Conclusions & Closure