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MINISTRY FOR TRANSPORT AND INFRASTRUCTURE
FRANCESCO BUONAMICI STREET, FLORIANA, MALTA



2nd international
conference

GREENING THE ISLANDS

INTEGRATED SUSTAINABILITY
MOBILITY, ENERGY & WATER
FOR ISLANDS AND
REMOTE LOCATIONS

OCTOBER | 28-29-30 | 2015
MALTA

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ABSTRACT

Greening the Islands is an annual and traveling international conference aiming to find solutions towards a full sustainability of the islands. The event focuses on mobility, energy and water and targets the implementation of an interdisciplinary approach between these three key areas of green economy. The conference will be an opportunity to introduce several case studies and this year the location of island State of Malta itself will be a very interesting case with regard to air quality and numbers of vehicles, the high demand for energy and water as a consequence of the high population density, stressed by the phenomenon of immigration from unstable areas like Syria and certain African countries. In this second conference edition, we expect even more island government representatives to attend compared to the first one. While last years' focus was on desalination, this second one will address the entire water cycle throughout all its stages: desalination, purification, safety,

distribution, including their economics and technologies, as well as community education and awareness. Besides, this year event will host an important session, organised in association with Transport Malta, on green vehicles that are responsible for a significant portion of CO2 emissions in the islands.. Another exciting news of this event will be the inauguration of the **First Edition of the Greening the Islands Awards**, where a jury made of select Institutional Experts will reward the most deserving islands, based on criteria and standards that the jury members themselves will decide, and awarding 5 categories in the green economy. The event will gather diverse stakeholders, entrepreneurs, scientists, politicians and decisionmakers around a table to discuss the most appropriate policies and strategies. **Greening the Islands** will be also the opportunity to show best practices on mobility, energy and water solutions that can be replicated in remote locations.

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CONFERENCE PROGRAMME

OCTOBER | 28-29-30 | 2015
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28th OCTOBER

Venue | Hotel Phoenicia - Ballroom

THE AIR WE SHARE | 2nd MNEP National Conference

As part of the do the right mix campaign and the Greening Islands Conference

13.00 | Registration of participants

13.30 | Welcome

James Piscopo - Transport Malta Chairman

13.35 | Introduction - Air Quality and the Environment in Malta

Leo Brincat - Minister for Sustainable Development, Environment and Climate Change

Joe Mizzi - Minister for Transport and Infrastructure

13.55 | Presentations

The state of the Maltese Air Quality

Mark Scerri - MEPA

Electromobility in Malta 2011 to 2015

Peter Paul Barbara - National Coordinator - Malta National Electromobility Platform (MNEP) - TM

The Smarter the City the Cleaner the Air

Kevin Borrás - Editor-in-Chief, Thinking Cities and Thinking Highways

Q & A

15.15 | Coffee Break

The feasibility of shore-side energy supply to berthed vessels

E-Cubed/Cyan Engineering

Combating Transport Emission -The PORT-PVEV Project

Alexandra Ellul - PORT-PVEV Project Manager - TM

The New Frontier of the Electric Vehicle Sharing

Giambattista Pignataro - CEO, NMU City Roaming

Emissions and combating measures at the Malta International Airport

E-Cubed/Cyan Engineering

How to improve energy efficiency and environmental footprint on a non connected island

Valerio Pazzini - Global Head, Siemens eCar Solution Smart Grids and Smart CityMalta

Introducing the Green Consulting Group and Greening Islands Conference

Gianni Chianetta - Director & Scientific Coordinator, Greening The Islands/Director The Green Consulting Group

Q & A

17.20 | Conclusions & Remarks - Launch of photographic exhibition

29th OCTOBER

Venue | Mediterranean Conference Centre - Vassalli Hall

I OPENING SESSION

08.45 | Registration of participants

09.30 | Introduction & Moderation

Gianni Chianetta - Director & Scientific Coordinator, Greening The Islands/Director The Green Consulting Group

09.45 | Welcome

Ronald Mizzi - Permanent Secretary, Ministry for Energy and Health, Malta

10.00 | Status Overview and Policy Framework

The Nexus approach to sustainable water resources management

Lucilla Minelli - Advocacy Officer UN WWP UNESCO

A strategy for maximising RES penetration in European Island Regions

Gonzalo Piernavieja Izquierdo - ISLENET, Network of European Islands for Energy & the Environment

10.50 | Coffee Break

11.10 | Discussion Panel - Point of view from the Island Governments

Tom Burges Watson - Broadcast Journalist, France 24 International (Moderation)

Anton Refalo - Minister for Gozo

Vania Contrafatto - Councillor for Energy and Water, Region of Sicily, Sicilian Islands

Erasmo Garcia de León - General Director of Industry and Energy of the Government of the Canary Islands

Joan Groizard - Director of Energy and Climate Change, Government of Balearic Islands

Christiana Kalogirou - Governor of the North Aegean Region, Greece

Jose Manuel Rosa Nunes - Regional Director of Energy Regional Secretary of Tourism and Transportation, Government of Azores Islands

Q & A

13.15 | Light Lunch

1 SESSION | FOCUS ON WATER

14.00 | Introduction & Moderation

Carlo Rolle - Partner, The Green Consulting Group

14.15 | Welcome

Manuel Sapiano - Chief Technical Officer, Sustainable Energy and Water Conservation Unit, Ministry for Energy and Health, Malta

14.30 | The water cycle innovation and best practises

Video from The Water Rooms Project by UNESCO - *Where is water?*

Desalination in the islands - an overview

Ursula Annunziata - President of European Desalination Society (EDS)

Climate Change Adaptation through Non-Conventional Water Resources Management in the Mediterranean: the case of the Maltese Islands

Kostantina Toli - Senior Programme Officer, Global Water Partnership - Mediterranean (GWP)

Past and present trends of water supply strategies in Sicilian Minor Islands

Giuseppe Taverna - Chief Technical Secretariat, Regional Department for Energy, Water and Public Utilities Region of Sicily

Video from The Water Rooms Project by UNESCO - *The Water Nexus Games*

Smart Solar Desalination on Koh Phi Phi/Thailand - an example for a longterm suitable and economic solution for freshwater production

Giorgio Karhausen - Member of the Board, International Strategic Development - MegaCivic

Water Desalination Management

Camillo Caffarelli - Director, Sopes

16.30 | Coffee Break

Video from The Water Rooms Project by UNESCO - *War or Peace*

16.50 | Discussion Panel - Optimization of the water cycle for the self-reliance of the Islands

Francisco Virgili - *Global Water Intelligence* (Moderation)

William Wait - Executive Chairman, Water Services Corporation, Malta

Jacques Ganoulis - Special Secretary for Water Resources, Ministry of Reconstruction of Production, Environment & Energy, Greece

Geoffrey Saliba - Malta Business Bureau's Sustainable Development Manager

Perit David Xuereb - Chairperson to the Environmental Committee for the Malta Chamber of Commerce, Enterprise and Industry

Giorgio Micale - Associate Professor at Università di Palermo

Giorgio Karhausen - Member of the Board, International Strategic Development - MegaCivic

Camillo Caffarelli - Director, Sopes. Water Desalination Management and Economics

18.00 | Conclusions & Remarks

18.20 | Walking Tour: La Valletta

20.45 | Gala Dinner & Awards

Greening the Islands Awards

Agnese Cecchini - *Editorial Director, Gruppo Italia Energia/Quotidiano Energia* (Moderation)

Gianni Chianetta - *Director & Scientific Coordinator, Greening The Islands/Director The Green Consulting Group* (Moderation)

THE JURY

Joeri De Ridder - Chairman, European Association for Battery, Hybrid and Fuel Cell Electric Vehicles (AVERE) - Vice-President, World Electric Vehicle Association (WEVA)

Michela Miletto - Deputy Coordinator, UN WWAP UNESCO

Gonzalo Piernavieja Izquierdo - ISLENET, Network of European Islands for Energy & the Environment

Emanuele Taibi - Islands Energy Transition Analyst, The International Renewable Energy Agency

Kostantina Toli - Senior Programme Officer - Mediterranean, GLOBAL WATER PARTNERSHIP

European Mobility Week SUMP Awards

30th OCTOBER

II SESSION | FOCUS ON ENERGY

09.00 | Introduction & Moderation

Julia Curtis - Partner, The Green Consulting Group

09.15 | Welcome

Simon Scicluna - Chief Technical Officer, Sustainable Energy and Water Conservation Unit, Ministry for Energy and Health, Malta

09.30 | Innovative solutions and best practices

Overview

Arieta Gonelevu Rakai - Programme Officer Responsible for islands and the Global Renewable Energy Islands Network (GREIN), IRENA

Off Grid Hybrid Power Plant. [Discover how to maximize the usage of renewable energy](#)

Gaetano Fasciana - Chief Technical Officer, Technical Management & Engineering, ASCOT Industrial Hybrid Power Solutions - [The Pantelleria Best Practice](#)

Reyad Fezzani - Chairman and CEO of Global Hybrid Power

SMA Fuel Save Solution: Intelligent integration of PV into diesel systems

Stefano Santucci - Application engineer product manager, SMA Italia

Sustainable energy and innovative solutions: new scenarios for the interconnected world

Carlo M. Drago - Business Development Executive, IBM Italia

11.10 | Coffee Break

11.30 | Discussion Panel - Green energy prospects in the Islands

Elena Comelli - Journalist, *Corriere Economia* (Moderation)

Sandro Lauri - Senior Policy Officer, Sustainable Energy and Water Conservation Unit, Ministry for Energy and Health, Malta

Maria Antonia Moreno Ceron - Head of Department of Energy of the Government of the Canary Islands

Nicos Kouyialis - Minister of Agriculture, Rural Development and Environment, Cyprus

Carlos St James - Board Member of the Latin American & Caribbean Council on Renewable Energy

José Donoso - Director General Unión Española Fotovoltaica (UNEF)

Anthony O. Ighodaro - Chair of Steering Committee, African Renewable Energy Alliance (AREA)

Enrique Rodriguez De Azero - President Asociación Canaria de Energías Renovables (ACER)

Roberto Longo - Honorary Chairman, AssoRinnovabili (Italian Renewables Industry Association)

Sotiris Kapellos - President Hellenic Association of Photovoltaic Companies (HELAPCO)

13.00 | Light Lunch

III SESSION | GREEN VEHICLES

14.00 | Introduction & Moderation

Paolo Manzoni - Partner, The Green Consulting Group

14.15 | Welcome

Peter Paul Barbara - National Coordinator - Malta National Electromobility Platform (MNEP) - TM

14.30 | Innovative solutions and best practices

Overview

Evangelos Bekiaris - Vice President, European Association for Battery, Hybrid and Fuel Cell Electric Vehicles (AVERE)

DemoEV Project

Gabriella Cassola - Ministry for Transport and Infrastructure

Electric Vehicles: experience and innovation

Stefano Margaria - Director, Electric Vehicles

15.30 | Coffee Break

15.45 | Discussion Panel - Transport: moving towards sustainability

Kevin Borrás - Editor-in-Chief, *Thinking Cities and Thinking Highways* (Moderation)

Evangelos Bekiaris - Vice President, European Association for Battery, Hybrid and Fuel Cell Electric Vehicles (AVERE)

Martin Zaimov - Member of the Board - European Association for Battery, Hybrid and Fuel Cell Electric Vehicles (AVERE)

Peter Paul Barbara - National Coordinator - Malta National Electromobility Platform (MNEP) - TM

Stefano Margaria - Director, Electric Vehicles

Carlo Rolle - Partner, The Green Consulting Group

17.00 | Conclusions & Remarks

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