




National
Energy
Conference

Agenda

NATIONAL ENERGY CONFERENCE 2022

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 Energy & Water Agency



L-Università ta' Malta
Institute for Sustainable Energy

THE
ENERGY
& WATER
AGENCY

NATIONAL ENERGY CONFERENCE 2022

Organized jointly between the Energy and Water Agency and the
University of Malta

18 October 2022

08:30 – 17:00

db San Antonio Hotel + Spa, St Paul's Bay

- 08:30 – 09:00** Welcome Coffee
- 09:00 – 09:05** Welcome address, **The Energy and Water Agency**
- 09:05 – 09:10** Prof. Ing. Simon G. Fabri, Pro-Rector for Research and Knowledge transfer, **University of Malta**
- 09:10 – 09:20** Mr Nelson Lage, President of the Board of Directors, **Adene**
- 09:20 – 09:40** Ms Yolanda Garcia Mezquita, Head of Unit ENER TF2 'Relations with the Member States and the Neighbourhood', **European Commission**
- 09:40 – 10:00** Presentations by The Energy and Water Agency and The Institute for Sustainable Energy, UM
- 10:00 – 10:05** Hon. Dr Miriam Dalli, Minister for Environment, Energy & Enterprise

Session 1

10:05 - 11:20

Renewable Energy, Accelerating the energy transition

Keynote speaker - Prof. Michael Saliba

*Professor and Director of the Institute for Photovoltaics (ipv),
University of Stuttgart and Research Centre Jülich, Germany*

The Versatility of Perovskite Materials

Wind Measurements and Related Research Projects	Dr. Ing. Robert Farrugia, UM
Understanding solar potential through spatial urban infrastructure analysis	Prof. Saviour Formosa, UM
PV output optimization through innovative cooling methods	Ing. Ryan Bugeja, UM
Q&A	

Coffee Break

11:20 - 11:45

Session 2

11:45 – 13:00

Energy Efficiency, The cheapest form of energy

Keynote speaker - Prof. Maurizio Cellura

*Professor of Building physics and Building Energy Systems,
University of Palermo*

Towards the decarbonization of the building sector:
The role of positive energy districts

Passive energy efficient building engineering - Passive attitudes towards passive means	Dr Ing. Daniel Micallef, UM
Green roofs: an alternative for a resilient built environment	Mr Antoine Gatt, UM
Energy Efficiency at Toly Products	Mr Olaf Zahra, Chief Technical and Sustainability Officer, Toly Products Ltd
Q&A	

Lunch

13:00 – 14:30

Session 3

14:30 – 15:45

Battery Storage, Scaling up Storage

Keynote speaker - Mr Gert Meylemans

Director Communications & Stewardship, Eurobat

A view on the future EU regulatory framework for sustainable
batteries

Mechanical Systems for Long Duration Energy Storage Offshore	Prof. Tonio Sant, UM
Impact of Renewable energy sources on Power Systems	Dr Alexander Micallef, UM
NEVAC: Enabling extreme fast charging through a novel evaporative cooling	Dr Robert Camilleri, UM
Q&A	

Coffee Break

15:45 – 16:00

Panel Discussion

16:00 – 16:30

How can Europe become energy independent by 2050?

Prof. Michael Saliba, Professor and Director of the Institute for Photovoltaics (ipv), University of Stuttgart and Research Centre Jülich, Germany

Prof. Maurizio Cellura, Professor of Building physics and Building Energy Systems, University of Palermo

Mr Gert Meylemans, Director Communications & Stewardship (Eurobat)

Ing. Filipa Newton, Head of New Systems at ADENE and Chair of the Water-EnergyNexus task force at European Energy Network (EnR)

Prof. Luciano Mule' Stagno, Director, Institute for Sustainable Energy, University of Malta

Concluding Remarks