

# **Final Report**

## **Mediterranean Green Forum – 6**

**Mediterranean Architecture & Green Digital Transition  
20- 22 July, 2022, University of Florence – School of Architecture,  
Santa Teresa  
Building Complex, Via della Mattonaia n.14 Florence, Italy**

Since the first edition in 2010, the World Renewable Energy Congress and Network has organized Med Green Forum (MGF) on bi-annual bases to highlight the role of Renewable Energy applications in the sustainable building sector as a foundation for a truly positive energy future, with a focus on the Mediterranean region, where an effective RE implementation should act as a beacon of light to the rest of the world to follow. Coming to the sixth edition, MGF is an open roundtable for an international community of researchers, experts, policymakers and enthusiasts to discuss the most innovative and promising sustainable building technologies.

In the unique socio-climatic and cultural context of the Mediterranean basin, the Challenge is to regenerate cities by renovating the existing built environment, in order to reduce its huge environmental impact and meet the global goals of clean energy in sustainable cities and communities, but also the responsible production of health and well-being for all. In this era of climate change and in the years of the pandemic experience and pervading digitalization, MGF6 will open a debate on how the need to re-think healthier living spaces is stimulating the building sector to innovate across the ongoing Green and Digital transitions.

The mission of MGF6 is to explore the intersections between twin transitions in actual policies, programs, projects and experimentations, with the Digital domain innovating the Green building sector towards more reliable and inclusive planning and design practices, to collectively envision future buildings and cities. The forum was organized by World Renewable Energy Congress and Network, UK, University of Florence, School of Architecture, Italy and ETA Florence Renewable Energy, Italy.

The Forum was held over three days.

The Forum main themes were: Cities, Buildings, Technologies, Humans, and Processes.

Some of the specific topics were: Med Architecture, Med Cities, Renewable Energy for Future Med Cities, Renewable Energy and Eco Technologies, Energy for Med Heritage, Technologies: Innovative Energy Efficiency Systems and PV Integration,

There were 32 plenary presentations and 48 technical presentations. Additionally there 30 - A3 posters were exhibited throughout the Forum period. There were present at the Forum more than 100 participants from 27 countries.

**The Forum Scientific Committee was:**

Ali Sayigh, UK, chair

Marco Sala, Italy, co-chair

Members were:

Mohsen Abounaga, Egypt

Rachel Armstrong, Belgium

Alessandra Battisti, Italy

Rainer Hirichs-Rahlwes, Germany

Hussein A Kazem, Oman

Donald Swift-Hook, UK.

**The Organizing Committee:**

Antonella Trombadore, Italy, chair, Italy

Angela Grassi, Italy, co-chair, Italy

Members were:

Gisella Calcagno, Italy

Lucia Montoni, Italy

Juan Camilo Olano, Italy

Giacomo Pierucci, Italy

Youssef El Ganadi, Morocco.

**The International Committee** consisted of 30 members from 10 different countries.

Among the **sponsors** were: Springer Nature, EDP sciences, EU, SITdA, and Donald Swift-Hook Associates.

On Wednesday 20 July, the opening ceremony started with Prof Ali Sayigh, Chairman of the Forum, welcoming the participants, and explaining the aims and the importance of Med Green Forum. He thanked all the sponsors and organizers and mentioned that the next **Med Green Forum -7** is going to be **6-8 September 2023**.

He was followed by honorary co-chair, Prof Marco Sala, Conference host Chair Prof Saverio Mecca, then Prof Giuseppe De Luca, DIDA Director. They all welcomed the participants and wish them a fruitful endeavours.

Dr Ariana Fuga, Senior EDP Publisher gave an 8-minute presentation about International Journal of Renewable Energy and Environmental Sustainability – **REES**, and urged the participants to publish some of their work in this open access journal.

The following is a photo of one of the lecture theatres.



## Group Photograph



On Tuesday 19 July 2022 REES editorial board met to discuss the journal progress and the way to improve its circulation. Present were, Ali Sayigh, Ariana Fuga, Antonella Trombadore, and Hossein Kazem. Also were present in Zoom, Marta Szabo, Arthur Williams, David Goodfield and the Journal coordinator from France.

Dr Gisella and Prof Antonella chairing a session.



On Wednesday evening the Springer-WREN dinner was held at the International Hotel Mediterranean where most of the participants were staying. The dinner was sponsored



by Springer Nature and Prof Swift-Hook from WREN Trustees.

During the Forum, there were many excellent presentations





On Thursday evening, the Gala Dinner was held at the International Mediterranean Hotel





Prof Haas from the Technical University of Vienna presenting on Friday.

At the closing ceremony, Prof Sayigh and Prof Sala announced, the winner of prestigious award of **IGA & Chaigro Company of €5000** was awarded to Dr Y El Ganadi, from the School of Architecture, the International University of Rabat, Morocco on their project, **towards the Museum of the Future: from Heritage Building information Modeling (HIBM) to Virtual Reality (VR) for the valorization of the built heritage of the city of Rabat.** On this occasion, Prof Sayigh and rest of the Organizers of Med Green Forum have sent their thanks and appreciation to IGD & CHAIAGRO Company and to Prof Fernando Recarde for their appreciated donation. Also the Chairman presented six additional awards to the best posters at the Forum.

This has been the most awarding Med Green Forum so far, with excellent papers and technical and scientific networking among 27 countries: Egypt, Iraq, Germany, USA, Italy, France, Austria, Oman, Spain, Palestine, Morocco, Colombia, Mexico, Indonesia, Iran, Syria, UAE, Lebanon, Russia, Turkey, UK, Cyprus, Romania, Albania, Greece, Sweden, and Japan