Editorial

Dear Reader,

In the latest edition of our trimestrial newsletter, we were wrapping up on a busy season at RES4Med&Africa. After a relaxing summer break, we have exciting autumn months ahead with many new activities. Allow me to line up the coming months’ key events:

RES4Med&Africa is co-hosting a special session of IEA’s Renewables Industrial Advisory Board (RIAB), a network of 35 international renewable energy companies, that will meet on 24 October in Rome to address priority issues for Africa’s renewable energy transition.

As is our yearly custom, our Advanced Training Course will take place in Milan from 12 to 23 November. 40 students from 11 countries are selected to attend for the 5th edition of our two-week flagship training program where they will acquire technical, economic and regulatory competences and tools to assess and deploy the most appropriate solutions in different renewable energy technologies.

Another autumn highlight will take place on 27-28 November when we will officially launch our RES4Africa Program in Zambia through a two days’ conference that will enable a dialogue on the latest insights for the deployment of renewable energy solutions in the country.

We look forward to welcoming you to the above and many other activities in the
upcoming months.

Best regards,

Roberto Vigotti, RES4Med&Africa Secretary General

News

RES4Africa held an Executive Seminar in Nairobi, Kenya on 4 July with its members Enel Green Power (EGP), Rina Consulting, Environmental Resources Management (ERM), Bonelli Erede and Pöyry. RES4Africa was invited by the Ministry of Energy of Kenya to lead an Executive Seminar which focused on the critical steps for preparation of international tenders, and was attended by 50 selected participants belonging to high-level management of the Kenyan Ministry of Energy, in particular Charles Keter, Cabinet Secretary; Joseph Njoroge, Principal Secretary; Isaac Kiva, Secretary Renewable Energy; and representatives of public companies involved in the energy sector, such as Ken Tarus, KPLC CEO; Rebecca Miano, KenGen CEO; Pavel Oimeke, ERC CEO; and representatives of KETRACO. Read more

The Micro-Grid Academy (MGA) held its first Design Thinking Workshop in Nairobi, Kenya from 10 - 13 July, supported by Enel Foundation. The workshop was attended by 18 selected participants belonging to relevant stakeholders interested both in learning and teaching at the MGA. Participants gathered in Nairobi came from a wide range of backgrounds including scholars selected through Open Africa Power, representatives from AMDA and the NGOs Energy for Impact and Hand in Hand, consultants, engineers, women entrepreneurs invited by UNEP, village technicians, trainers and experts participated to provide their expertise as main players of the energy market in the country, strengthening their partnership and improving the MGA didactic offer.

A workshop on mini-grid technologies will be held by the MGA in Zambia as a side event of RES4Africa's Program Launch in the country.
RES4Africa and its member Enel Green Power were part of the European delegation that visited Niger accompanied by the President of the European Parliament Antonio Tajani on 17-18 July. The visit was intended as a first step of collaboration between the EU and Niger in order to accelerate the country’s development, and saw the participation of Niger’s Prime Minister and its main ministers. During the engagement mission RES4Africa held a bilateral meeting with Niger’s Energy Minister Amina Moumouni.

RES4Africa led the “Workshop on non-dispatchable renewable energies integration into the grid” in Lusaka, Zambia, on 5-6 September. Developed in partnership with ZESCO, Zambia’s electricity utility company, and with the support of RES4Africa members CESI, Enel Green Power and Terna, the workshop trained 35 managers and technicians from ZESCO, the Ministry of Energy of Zambia and the Energy Regulatory Body (ERB).

During the workshop RES4Africa shed light on the main challenges that the Zambian TSO will face with the introduction of new generation from non-dispatchable renewable sources (wind and solar), analysed possible solutions, proposed potential regulatory reforms to support non-programmable renewable energy deployment and showed how storage systems can support the stability of the grid.

The workshop was also preliminary to the RES4Africa Program Launch in Zambia, which will take place on 27-28 November in Lusaka. Read more

The RES4Africa Access2Energy team spoke at the United Nations’ “Workshop on Mainstreaming and Implementing the Water-Energy Nexus for Sustainable Development in the African Region”, which took place on 5 September in Addis Ababa, Ethiopia, and was...
organised by United Nations Office for Sustainable Development (UNOSD), UN Economic Commission for Africa (UNECA), UN Environment (UNEP) and the Ethiopian Ministry of Water, Irrigation and Electricity.

The three key messages RES4Africa conveyed are:

- Today, on-grid and off-grid renewable energy represent the most economic, rapid and sustainable solution to improve water supply in the African region;
- the private sector operating in the renewable energy field can play a relevant role to support water and agribusiness sectors, both driven by government and international organisations or by private investors;
- linking renewable energy projects with productive uses of energy, such as with the water sector (irrigation, drinking and sanitation) and the food and agriculture sector (treatment and conservation), contributes to the financial viability of high impact integrated projects which would otherwise not be economically sustainable.

RES4Africa presented a status update on renewable energy in Sub-Saharan Africa during the Global Wind Summit “Perspectives for wind in Africa” session, held in Hamburg on 28 September. The key messages RES4Africa delivered were:

- renewable energy solutions can provide cost-effective, sustainable and reliable energy supply to Sub-Saharan African countries;
- policy and regulatory frameworks play a key role to support private investments;
- barriers and risks exist, but mitigation tools can be applied;
- one-stop-shops for permitting issues and standardised tenders and contracts for PPAs are crucial to speed up projects development.

Click for the full RES4Africa presentation.

RES4Med&Africa published 3 new publications. The first, "Accelerating the Development of Renewables on the MV Market in Morocco", is the result of the research carried out by RES4Med and Pöyry PLC about market liberalisation in Morocco, while the second, "Where to Invest in Renewables in Sub-Saharan Africa", was published following the study conducted by RES4Africa and Bocconi University.

"Algerian case study: Mechanisms and main factors of a RES auction" provides an analysis of the Algerian case and recommendations for preparing a suitable auction mechanism, and is available in English and French.

As always, all publications are available for free read and download. Visit our full library here.
Where You'll Find Us

October

- **17-18 October**: Italia Africa Business Week (IABW) - Rome, Italy
- **24 October**: IEA RIAB special session "Africa’s renewable energy transition: What does it take?" (RES4Med&Africa) - Rome, Italy
- **31 October - 1 November**: International Off-Grid Renewable Energy Conference and Exhibition - IOREC (IRENA) - Singapore

November
- **12-23 November**: Advanced Training Course (RES4Med&Africa) - Milan, Italy
- **22-29 November**: Workshop on mini-grid technologies (RES4Med&Africa) - Lusaka, Zambia
- **27-28 November**: RES4Africa Program Launch (RES4Med&Africa) - Lusaka, Zambia

## Media Coverage

- Africa e Affari: Si rinsalda a Tunisi la cooperazione con l'Italia sulle fonti rinnovabili
- EGP: RES4Africa together with EGP for the development of renewable energy in Zambia

## Suggested Reading

- Unlocking Value from Sustainable Renewable Energy
- Open Africa photographic book
- Open Africa web documentary

## News from Members and Partners

- BFP announces the creation of a joint venture in Spain
- Enel starts construction of Ngonye solar project, its first power plant in Zambia

Renewable Energy Solutions for the Mediterranean & Africa (RES4MED&Africa) is an association that promotes the deployment of large scale and decentralized RE & EE in
Southern-Mediterranean and Sub-Saharan African markets to meet local energy needs for growth. Since 2012, RES4MED&Africa gathers a member network from across the clean energy value chain and supports the creation of an enabling environment for renewable energy investments and strategic partnerships.

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