



Report of “Workshop in Palestine”

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The project Machrek Energy Development- Solar (MED-Solar) is implemented under the ENPI CBC Mediterranean Sea Basin Programme (www.enpicbcmmed.eu). Its total budget is [3,02 million Euro] and it is financed, [for an amount of 2,66 million Euro], by the European Union through the European Neighbourhood and Partnership Instrument. The ENPI CBC Med Programme aims at reinforcing cooperation between the European Union and partner countries regions placed along the shores of the Mediterranean Sea

The 2007-2013 ENPI CBC Mediterranean Sea Basin Programme is a multilateral Cross-Border Cooperation initiative funded by the European Neighbourhood and Partnership Instrument (ENPI). The Programme objective is to promote the sustainable and harmonious cooperation process at the Mediterranean Basin level by dealing with the common challenges and enhancing its endogenous potential. It finances cooperation projects as a contribution to the economic, social, environmental and cultural development of the Mediterranean region. The following 14 countries participate in the Programme: Cyprus, Egypt, France, Greece, Israel, Italy, Jordan, Lebanon, Malta, Palestinian Authority, Portugal, Spain, Syria, Tunisia. The Joint Managing Authority (JMA) is the Autonomous Region of Sardinia (Italy). Official Programme languages are Arabic, English and French.

The European Union is made up of 27 Member States who have decided to gradually link together their know-how, resources and destinies. Together, during a period of enlargement of 50 years, they have built a zone of stability, democracy and sustainable development whilst maintaining cultural diversity, tolerance and individual freedoms. The European Union is committed to sharing its achievements and its values with countries and peoples beyond its borders”.

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1. General information

Workshop Title: Med-Solar Project Workshop

Date: Monday 1 st June 2013

Location: Nablus, Palestine

Place: the library building in the old campus of An-Najah National University

Introduction

This event aimed to highlight the expected results of the project Med-Solar. It was also held to gather several regional and international experts and a wide range of international institutions to find ways in which they all can collaborate and benefit each other.

2. Objective

The project Med Solar consists on promoting and implementing innovative technologies, as well as know-how transfer in the field of solar energy, particularly PV systems in three targeted countries: Jordan, Lebanon and Palestine. The project is funded by the ENPI CBC Mediterranean Sea Basin Programme of the European Union through the European Neighbourhood and Partnership Instrument.

The workshop aimed to highlight the expected results of the project: characterization of the electrical grids and identification of their weaknesses, analysis of the legal framework of grid-connected PV installations and recommendations, a conceptual definition of the new system architecture, technological development of an energy management system, pilot projects in small and medium size industries and public facilities, tests and dissemination, and finally, a creation of cross-border network of stakeholders.

In order to share the results of the project, a wide range of institutions were invited, in addition to ENPI-CBC MED representatives and other regional and international experts.

3. Overview of conference participation

A total number of 53 local experts and 2 European experts have participated in the day of the event. The participants represented wide spectrum of specialized people in different fields of Solar Energy. The distribution of participants according to their sectors was classified as follows:

- 1- Science and Technology Community, 5%
- 2- Research and Development Centers, 16%
- 3- Academics in Universities, 14%
- 4- Private Sector and Industry, 6%
- 5- ESCO's (Energy Service Companies), 15%
- 6- Policy Makers and Regulators, 16%
- 7-Students (Young Researchers) from Universities, 23%

The conference consisted of six working sessions in which 5 speakers and 5 technical presentations were delivered as follows:

- Session 1: **Opening Session**, 2 speakers

Chair: Dr. Imad Ibrik, Director Energy Research Centre at An-Najah National University, Palestine,

- Presentation about introduction of the ENPI Programme

Speaker Eng. Nicola Bugatti, TTA Trama TecnoAmbiental, Spain -

- Presentation about MEDSOLAR project, objectives , activities....etc

Eng. Nicola Bugatti, TTA Trama TecnoAmbiental, Spain -

- Advancements of MEDSOLAR after six months, progress till now

Mr. Antoine Graillet, TTA Trama TecnoAmbiental, Spain -



- Session 2: **Presentation about the selection criteria for Identification process in Med Solar project in Palestine**
Dr. Imad Ibrik, ERC (Energy Research Center at An Najah National University).
- Session 3: **Lessons learnt on PV electrification projects in Palestine, Palestinian experiences in off-Grid PV projects**
Dr. Imad Ibrik, ERC
- Session 4: **Solar on-Grid energy projects in Tubas electrical company**
Mr .Abdallah Nairat, TEDCO ,Tubas electrical distribution company ,Palestine
- Session 5: **Solar Energy Strategy in Palestine by 2020 .**
Mr Basel Yassen , PEA (Palestinian Energy Authority)
- Session 6: **Discussion and Closing Ceremony**

4. Outcomes and conclusions

This Workshop provided a first forum in which experts from a variety of backgrounds (government, academics, researchers and representatives of organizations and civil society) could gather together to take stock of the technical knowledge of Med Solar project in Palestine.

The discussions and sessions presented above have been considered as very positive by all participants, as they showed the criteria and conditions for identification process in the Med Solar Project and the experiences of Palestinian institutions in the implementation of solar energy projects.

The Workshop concluded that the introduction of the MED Solar Project in Palestine makes energy companies and institutions more attractive for using solar energy in public buildings and provided a new way of engaging with customers. ESCO companies will use this opportunity to forge new business relationships, especially with large customers.