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MIRRA and SMARTWALL Collaborate to Pilot and Integrate Innovative Semi-transparent Photovoltaic Modules into Greenhouse Agriculture in Jordan

Samer Talози and Ammar Namarneh

MIRRA and SMARTWALL, a private company in France, are working together under the current PRIMA-funded project and titled:

“Improvement of Mediterranean greenhouses performance using innovative plastic materials, natural additives and novelty irrigation technologies (AZMUD)”, which also includes partners from Spain, Turkey, and Egypt, and

Researchers at SMARTWALL developed semi-transparent photovoltaic panels that can produce solar energy without blocking the light that the plants need inside the greenhouse.

At MIRRA's Climate-Smart Farm in the Jordan Valley, we will pilot, test and evaluate the newly developed solar panels at our soulless greenhouse. The impact of this technology on solar energy production and crop development will be monitored throughout the growing season. This activity is part of the PRIMA-funded AZMUD project (www.azmud.eu).



Graduation of the First Cohort in the Climate-Smart Agriculture Technologies Program

Timothy Purvis and Samer Talози

The first cohort of Jordan and Syrian youth participants in the EU-funded EduSyria Nuffic Climate-Smart Agriculture program have successfully completed their field trainings this past month and received diplomas for completing this capacity building program which spanned over 3 months. In their field training, participants learned how to maintain and monitor drip irrigation systems and how to integrate those systems with smart technologies such as fertigation units, irrigation controllers and solar pumps. Now that they have completed their training, they are ready to expand their work in the agriculture sector in the Jordan Valley region (for the Jordanian youth group) and the Highlands (for the Syrian Refugees group).



Profiles of Select Graduates from the First Cohort of the Climate-Smart Agriculture Technologies Capacity Building Program

Samer Talози and Timothy Purvis

To contact any of the above young professionals for job opportunities, please contact us at: info@mirra-jo.org



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Samer Talози

Activities of the project: “Support for Employment and Entrepreneurship in the Cultural, Agricultural and Tourism Heritage Chain in the Governorates of Mafraq, Ma’an and Aqaba” which aims to boost employment and entrepreneurship in several Jordanian governorates started earlier this year. This initiative is conducted by MIRRA, in cooperation with the Italian Association of Volunteers in International Service (AVSI) and the National Agricultural Research Center (NARC), as part of a funded project by the Italian Agency for Development Cooperation (AICS).

The project aims to achieve several objectives: First, to improve access of vulnerable Jordanians and Syrians to rapid employment programs, training in line with decent work standards and local development plans. Second, to strengthen the capacity of cooperatives and community associations, public and private bodies to plan and implement sustainable economic initiatives in the cultural tourism and agricultural sectors. And, last, to launch and support self-employment and sustainable entrepreneurial economic activities in the cultural and agricultural tourism chain.

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