



**Water and  
Environment Support**  
in the ENI Southern Neighbourhood region

# External monitoring of WES demonstration projects, and technical assistance for these projects

Brainstorming workshop

WES Demonstration Project Fact Sheet

Tuesday 23 February 2021, 13:30 -  
18:00 EET, Remote workshop

Presented by: Mme Suzan Taha, WES Project Main Water  
Expert



# I. General information



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Project name:	Innovative irrigation systems in the Sahrawi refugee camps in Tindouf (South-West Algeria)		
Main applicant / Company:	Oxfam Solidarity 		
Contact details (for internal use):	First name: Fuencisla	Surname: Carmona Blanco	
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Start and end dates:	Start date: 01/08/2020	End date: 01/31/2023	Duration (months): 30 months
Total budget (€):	€ 780 000		
EU contribution (€):	€ 624 000		
Country:	Algeria (Sahrawi refugee camp -Tindouf)		
Partners:	Oxfam, AFAD, University of Liège (ULiège)  		

## II. Specific information



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<b>General goal:</b>	Contribute to the optimal use of water resources in extreme desert conditions farming, to benefit the most vulnerable populations living in the Sahrawi camps.
<b>Specific goals:</b>	Strengthen the efficient use of water through the use of innovative irrigation systems – hydroponics, Waterboxx, Growboxx, hydroretainers – with the aim of strengthening agricultural production in refugee camps
<b>Target area:</b>	Sahrawi refugee camps -Tindouf
<b>Target population:</b>	<ul style="list-style-type: none"><li>▪ 250 young refugees trained</li><li>▪ 100 vulnerable households</li><li>▪ 450 families in the region's gardens</li><li>▪ 7 technicians in the region's gardens</li></ul>
<b>Main issues addressed:</b>	<ul style="list-style-type: none"><li>▪ Rational use of water in agriculture</li><li>▪ Validation of water-efficient farming techniques (hydroponics, Waterboxx, Growboxx, water-retainers)</li></ul>
<b>Main results:</b>	<ul style="list-style-type: none"><li>▪ 4 innovative irrigation techniques are adapted to the local context, their results are rigorously measured, the experiments results are scaled and disseminated</li><li>▪ 250 young Sahrawi refugees acquire enhanced technical capacities to promote, install and / or maintain innovative irrigation systems</li><li>▪ 100 vulnerable households have an improved access to irrigation water thanks to the establishment of such systems and the dissemination of innovative irrigation techniques, and benefit from water-efficient farming techniques</li><li>▪ The irrigation networks of 3 gardens in the region are strengthened and maintained for better performance and more efficient use of water</li></ul>

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### Beneficiaries:

Saharaoui refugee populations

### Main stakeholders involved:

MDE (Ministry of Economic Development)  
CEFA (Center for experimentation and training in agriculture)  
DSA Tindouf (Directorate of Agricultural Services of Tindouf)

### Current situation:

- Started in August 2020
- Coordination meetings with local partners, MoUs, communication plan
- Recruiting, Training of project staff
- Setting up of experimental plots (agro-project and CEFA) and demonstration plots (Jardins de Smara, Laayoune and Dajla)
- Awareness raising in communities
- ULiège laboratory test: Bioponic solutions (production and crop tests)



# II. Special information (pictures)



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هذا المشروع يموله الشرك من الاتحاد الأوروبي  
Ce projet est cofinancé par l'Union Européenne

LIÈGE OXFAM

في إطار مشروع سوييم (Swim) يموله مشترك من طرف الاتحاد الأوروبي ولتقتد من طرف منظمة اوكسفام (Oxfam) جمعية افاد (Afad) وجامعة لييج (U.Liège) بالتعاون مع وزارة التنمية الاقتصادية الصحراوية تعلن جمعية افاد عن افتتاح تسجيلات للمشاركة في الدورة التكوينية الخاصة بـ:

## "تقنيات الري الحديثة"

وذلك ابتداء من تاريخ 14 جانفي 2021 إلى 28 جانفي 2021  
بم التسهيل على مستوى كل دوائر لعيون الداخلة و السمارة.  
شروط التسجيل كالتالي:

- مهام بالفلاحة
- سن بين 18 سنة و 35 سنة
- حامل لبطاقة التكوين الوطنية
- يكون المشارك من ولاية لعيون أو الداخلة أو السمارة
- القدرة والإرادة على إتمام الدورة التكوينية

1- Growbox 2- Hydrotenteur 3- Hydroponic 4- Waterbox

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Thank you for your attention!

