

Workshop on a sustainable future for Algerian agriculture - Mai 9 2023

Presentation note

Introduction

Algerian agriculture has made significant progress over the past twenty years. Agricultural production has seen substantial growth, particularly in the vegetable and fruit tree sectors, and to a lesser extent in cereals and dairy. This significant increase in agricultural production has been made possible by the expansion of irrigated areas and the intensification of production processes. Despite these achievements, the country still faces a significant agricultural deficit, particularly for staple food products such as cereals and milk. Algerian agriculture is called upon to maintain its growth momentum, and even accelerate it, in order to meet the increasing domestic demand for food. In addition to this challenge, the agricultural sector must also confront the growing scarcity of resources such as water and fertile lands, as well as increasingly adverse weather conditions marked by worsening extreme events related to climate change, such as droughts, heatwaves, floods, and more. In these conditions, the development and mastery of agricultural innovations are key to sustainably improving agricultural productivity. Innovation efforts should be focused primarily on three areas: 1) biotechnology to develop high-performing genetic materials adapted to biophysical constraints; 2) irrigation and water management technologies; and 3) digital technologies for optimizing resource utilization in agricultural production processes.

This workshop aims to be a multi-stakeholder forum for debate on agricultural challenges and technological development pathways to address them. It is part of a cooperative project between the National Higher School of Agronomy (ENSA) and Wageningen University & Research, with the contribution of the Embassy of the Netherlands in Algeria.

Program for the Workshop

Location : **Ecole Supérieure Nationale Agronomique**

Avenue Hassan Badi, 1604 EL Harrach, Algiers

Hour	Activities	Speakers
8:30	Welcome guests	
9:00	Welcome	Pr Ali Daoudi, ENSA
9h05	Opening of the workshop	Pr Tarik Hartani, Directeur ENSA
9h15	Opening words Dutch Embassy	Netherlands Embassy
9h25	General Presentation of the challenges of Algerian Horticulture	Pr Ali Daoudi, ENSA
10h15	Challenges and opportunities for horticulture	Pr Caroline van der Salm, Université de Wageningen
10h45	Break	
11:00	Challenges and opportunities for open field cultivation	Dr Esther Wintraecke, Université Wageningen
11h30	How to tackle the threats of climate change and water shortage	Dr Feroz Islam, Université Wageningen
12h00	General Discussion	
12h45		
14:00-15:45	Interactive workshop <ul style="list-style-type: none"> • WG 1 : How can the Dutch Algerian cooperation help in solving the challenges for the future. • WG 2 : What knowledge is needed to innovate the Algerian agriculture and face the challenges of the future. 	Animateurs
15 h 45-16h30	Wrap Up & End	