

## Multi-Stakeholder Focus Group – Beheira Governorate, Egypt on December 30<sup>th</sup>, 2025



As part of **WP3: Multi-Stakeholder Approach, Training, Socioeconomic and Agriculture Landscape**, the **SWAMED Project** successfully organized a **focus group workshop** in Beheira Governorate to promote **smart agriculture and sustainable water management** in Egypt.

The event brought together **25 participants**, including representatives from **government authorities, universities, research centers, and the private sector**, to discuss challenges and opportunities in irrigation, water use, and agricultural productivity.

### **Key highlights of the workshop:**

- Introduction to the **SWAMED Project** and its role in improving irrigation efficiency and water resource management.
- Presentation of the **WEFE Framework (Water–Energy–Food–Environment)** and its importance for agricultural sustainability.
- Introduction to **Decision Support System (DSS) tools** to support better farm-level decision-making.
- Conducting three baseline surveys to collect field data and assess training needs.

### **Main topics discussed during the focus group:**

- Limited access to digital tools for farmers and the impact on decision-making.
- Climate change effects on crop productivity, prices, and quality.
- The importance of modern irrigation systems, solar energy, and smart sensors.
- Strengthening cooperation between government, academia, and the private sector.

### **Key recommendations:**

- Expand the use of smart irrigation and DSS tools.
- Increase practical training and workshops for farmers and authorities.
- Continue field data collection to support evidence-based decisions.
- Promote collaboration among universities, the private sector, and public institutions.