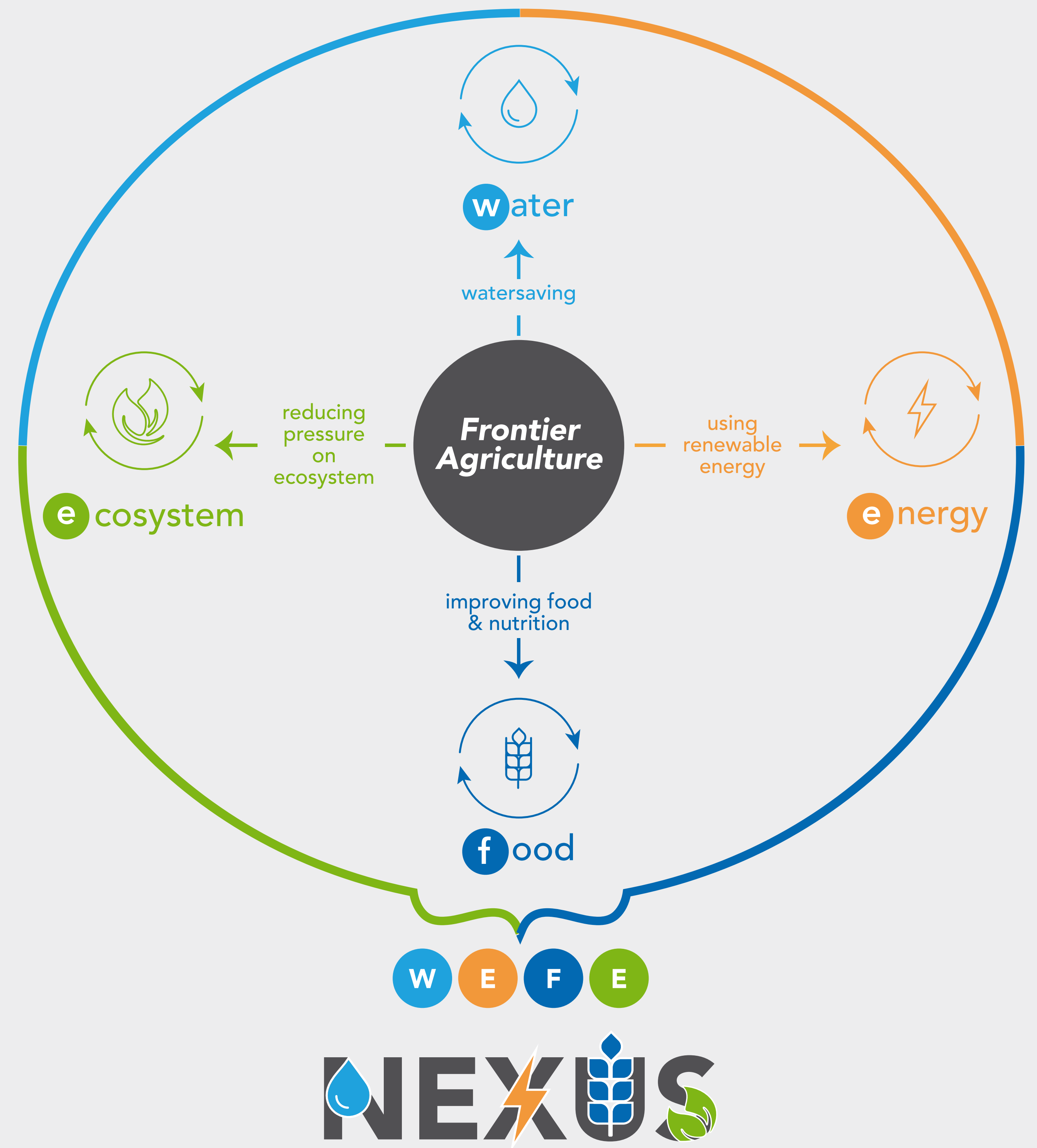


## Impact of Climate-Smart and Water-Saving Frontier Agriculture on the WEF E Nexus in Arid Mediterranean Regions

### What is Frontier Agriculture?

Frontier agriculture is an innovative farming approach that uses advanced technologies like hydroponics, aquaponics, insect farming, and vermicomposting to improve resource efficiency and sustainability. It aims to address challenges in traditional agriculture, promote food security, and reduce pressure on water, energy, and land resources.

**10+**  
Demonstration  
Cases in  
**6** Mediterranean  
Countries



### What is WEF E Nexus?

The WEF E Nexus refers to the interconnectedness of water, energy, food, and ecosystems, highlighting the need for integrated approaches to address their interdependencies and achieve sustainable resource management.



Hydroponics



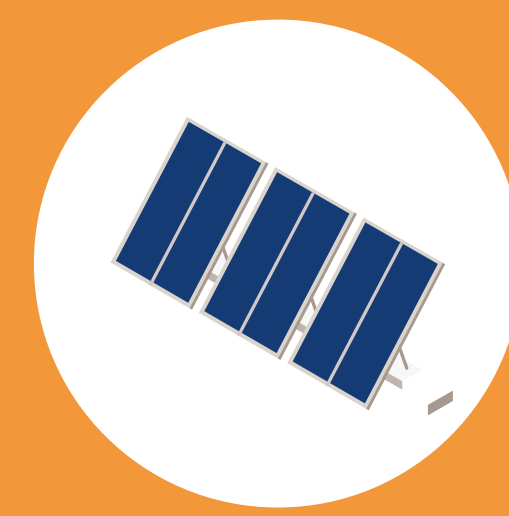
Aquaponics



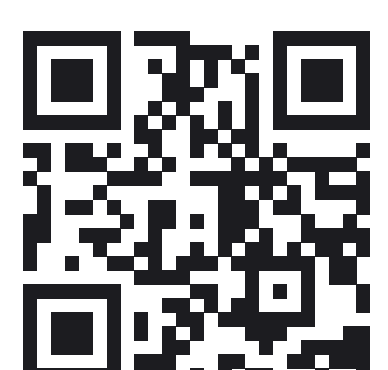
Insect Farming



Vermiculture/  
Vermicomposting



Agriphotovoltaic



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This project (GA n° [2242]) is part of the PRIMA programme supported by the European Union.