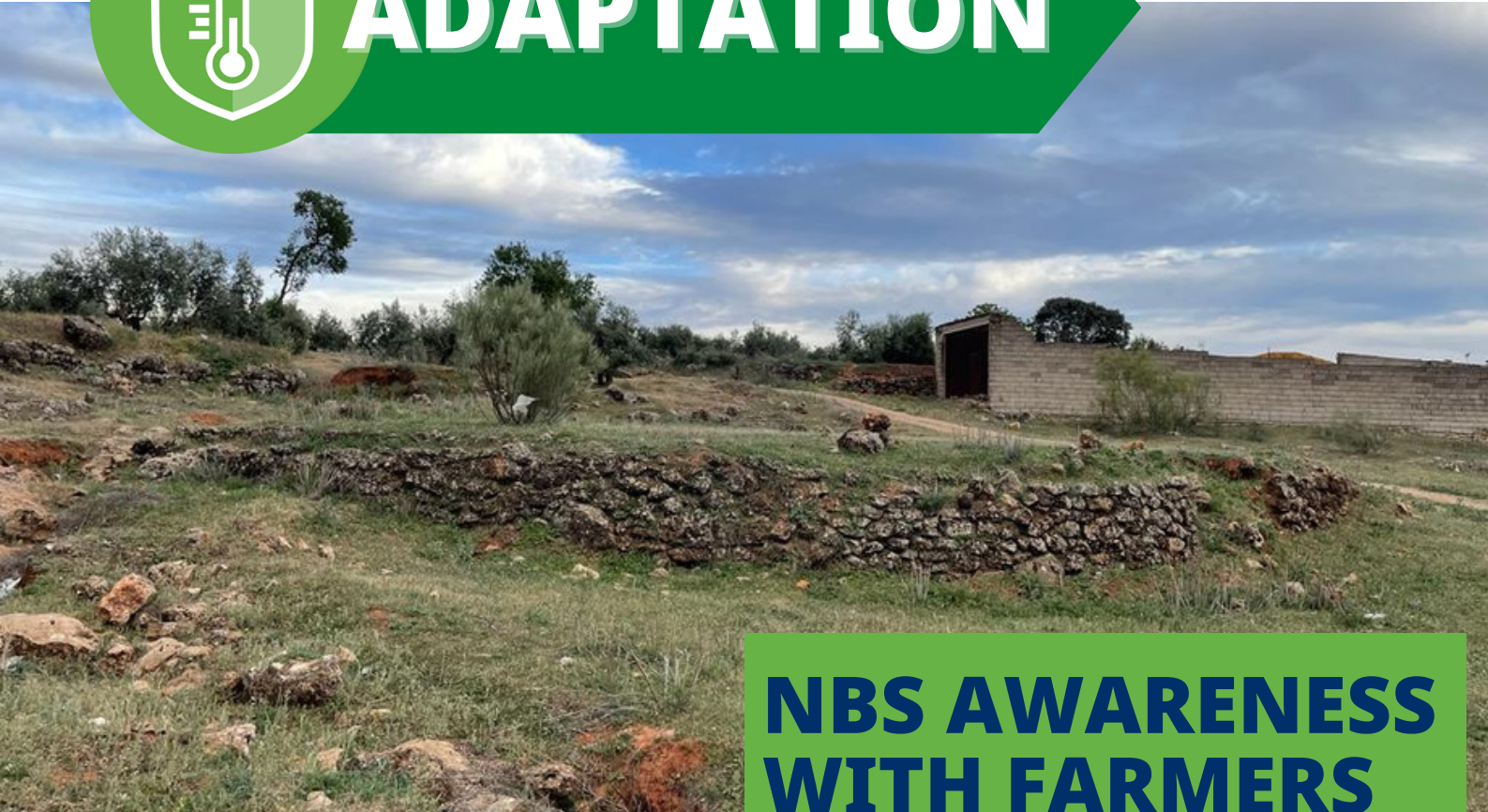




# ADAPTATION



## NBS AWARENESS WITH FARMERS



### HAZARDS ADDRESSED

- Extreme heat, droughts, and water scarcity
- Heavy precipitation and flooding
- Storms
- Biological hazards



### SOLUTIONS

- The European Commission through the Covenant of Mayors brought support and legitimacy to existing practices.
- The recommendations from European experts confirmed the value of the already implemented regenerative agriculture practices developed.
- European experts and broader environmental networks inspired modification and improvements to existing practices.



### FUNDING

- Local government's own funds
- Regional grants

### NAVAS DE SAN JUAN, SPAIN

**This measure focused on the implementation of regenerative agriculture pilots in private olive grove plots in the municipality of Navas de San Juan. To this end, a set of agricultural and grazing practices will be carried out to reverse climate change by regenerating soil organic matter and restoring the biodiversity of the degraded soil.**

**This is expected to lead to an increase in carbon dioxide capture and an improvement in the water cycle of the municipality. These regenerative agriculture pilot plots will be organised through a working group led by the City Council.**

### STATUS OF MEASURE





## DIRECT BENEFITS

- Organic regeneration of the soil through NBS and restoration of the biodiversity of the degraded olive trees plots in the municipality.
- Costs reduction for the farmers due to the savings on water and pesticides.
- Soil as a natural water reservoir.
- Through the vegetal covers and seed diversification, these measures are also reducing the impacts of severe droughts on the region.



### CO-BENEFITS

- Contribution to climate change mitigation, because the farmers are capturing organic carbon in the soil.
- Improvement of the water cycle, since the soils are used as natural water reservoirs.



### STAKEHOLDERS ENGAGED

- Sociedad Mixta del Agua-Jaen S.A (SOMAJASA)
- Jaén Provincial Council, Association for the Rural Development of the County of El Condado (ASODECO)
- Oleo Estrella Cooperative
- Navas de San Juan Irrigation Community
- Guadalquivir Water Management Confederation



## NEXT STEPS TO PROGRESS AND/OR UPSCALE THE MEASURE:

It would be important to receive recognition by the European Commission of the fact that Navas de San Juan is applying regenerative agriculture practices as a way of tackling and adapting to climate change. At the same time, the municipality needs to get in contact with networks of actors working on the application of these regenerative agriculture solutions who are able to further confirm Navas as a success case. Such recognition will strengthen the municipality's ability to further disseminate these practices, and associated benefits, amongst its farmers. The next steps will be to participate in the European Resilience Forum and the European Soil Mission to present this a good practice case study.