#WorldWetlandsDay

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PARTNERSHIP FOR RESEARCH AND INNOVATION IN THE MEDITERRANEAN AREA

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#THE WETLANDS WE LIVE IN

We don't just live by wetlands, we live with them, and protecting them safeguards the water we drink, the food we grow, the biodiversity that surrounds us, and the communities that depend on these vital ecosystems.

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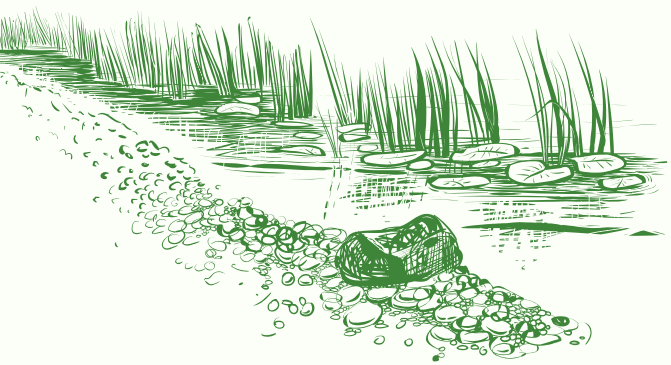
SINCE 2018, PRIMA HAS BEEN INVESTING IN THE FUTURE OF MEDITERRANEAN WETLANDS:

8 PROJECTS,

81 RESEARCH INSTITUTIONS AND FARMING ORGANIZATIONS, AND A TOTAL BUDGET OF **15,54 MILLION €** HAVE FOCUSED ON WETLAND-BASED FARMING SYSTEMS, SHOWING THAT AGRICULTURE AND CONSERVATION CAN GO HAND IN HAND.



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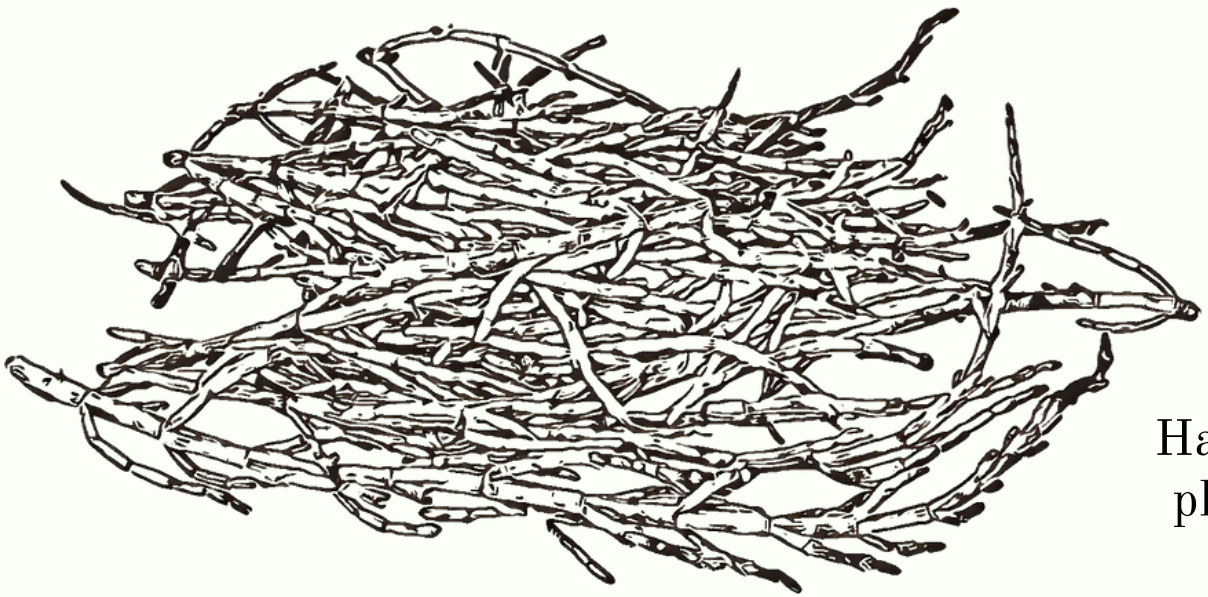
#THE WETLANDS WE LIVE IN

PRIMA Project

HALO-FORCE: CAN SALTY SOIL GROW FOOD?



Halophytes are a group of plants that are naturally equipped with the mechanisms to survive under highly saline and arid conditions and produce high biomass. [FAO]

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HALO-FORCE: TURNING SALT INTO OPPORTUNITY

The challenge: Coastal wetlands degraded by saltwater intrusion

The solution: New salt-tolerant crops from wild plants.
Where most see ruined farmland,
HALO-FORCE sees potential.

The project scouts Mediterranean coastlines for **halophytes**, wild plants that thrive in salty conditions, and develops them into nutritious crops.

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HALO-FORCE,
HALOPHYTE-DRIVEN INNOVATION FOR SUSTAINABLE FARMING IN MEDITERRANEAN WETLANDS

Section 1

Thematic: Farming systems in the Nexus *(2025)*

Led by the **University of Padua, Italy.**

Participating Countries:

IT HR EG FR GR MO PT TK

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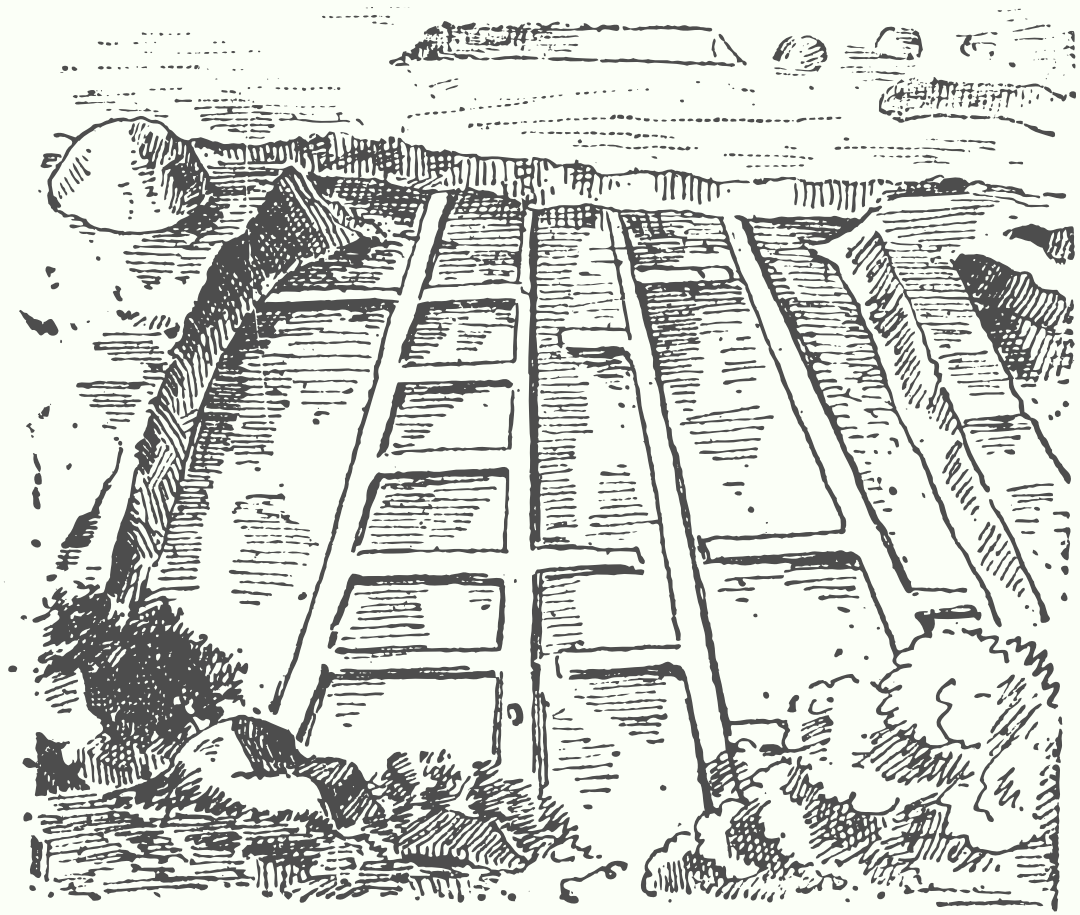
#THE WETLANDS WE LIVE IN

PRIMA Project

ReMEDI:
RICE PADDIES: LIVING WETLANDS?



Paddy fields are defined as wetland agricultural systems where rice is cultivated

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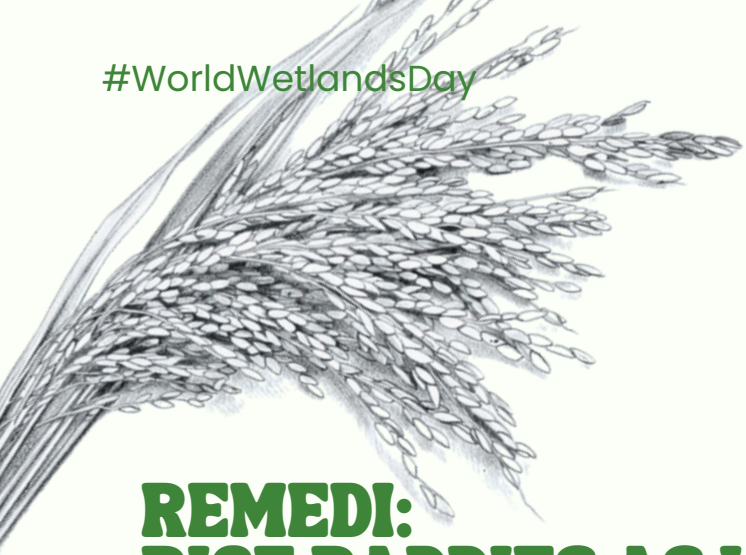

REMEDI: RICE PADDIES AS LIVING WETLANDS

The challenge: Separating agriculture from nature destroys both.

The solution: Treating rice paddies and wetlands as one ecosystem.

Traditional farming often uses chemicals that damage water quality and wildlife.
Rice paddies are actually wetland ecosystems that could support birds, store carbon, and filter water, but only if managed differently.

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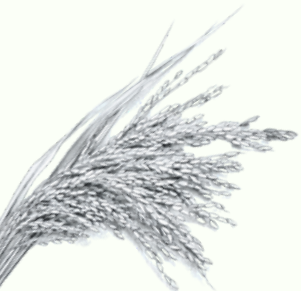

ReMEDI

ENHANCING RESILIENCE OF MEDITERRANEAN RICE AGROECOSYSTEMS THROUGH BIODIVERSITY, WATER, AND CARBON INTEGRATED MANAGEMENT

Section 1

Thematic: Farming systems in the Nexus *(2025)*

Led by the **Fundació Eurecat, Spain**

Participating Countries:

SP DE EG IT TK

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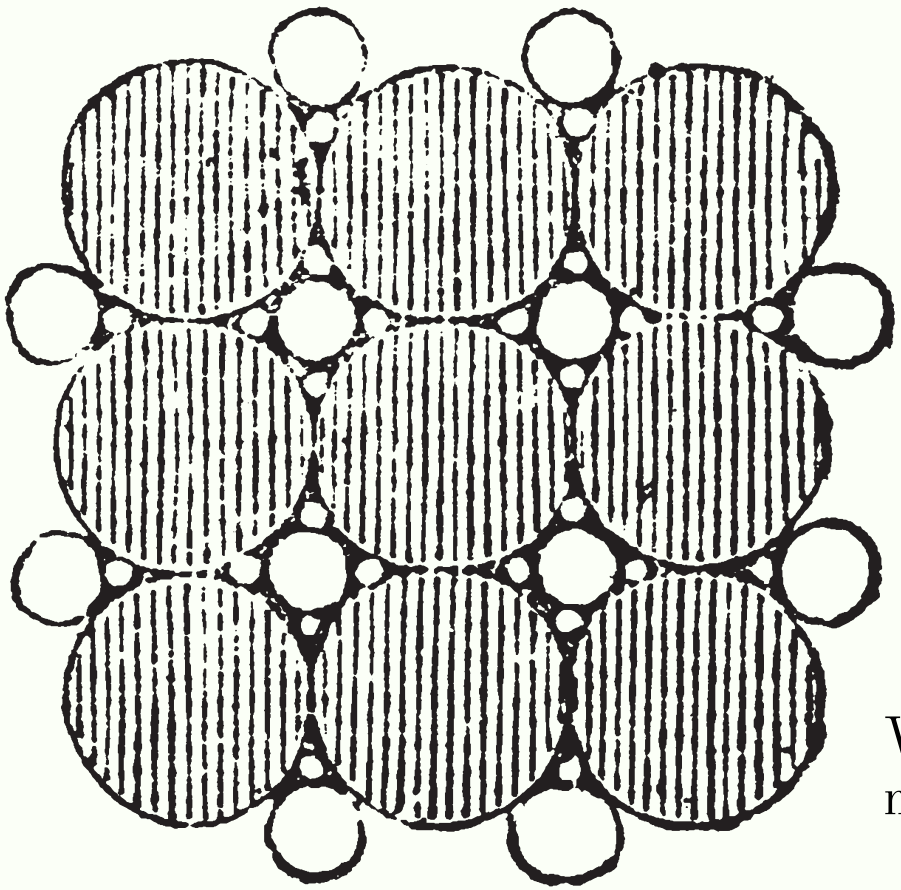
PRIMA Project

WETAGRIMED: CAN SENSORS AND ALGORITHMS SERVE NATURE INSTEAD OF REPLACING IT?



Where smart Technology meets natural cycles

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WETAGRIMED: SMART TECHNOLOGY MEETS NATURAL CYCLES

The challenge: Managing resources efficiently without losing ecological function

The solution: AI-powered monitocarbonring & nature-based practices.

The project will use IoT and AI across Mediterranean sites to monitor resources in real time and optimize nature-based farming practices.

By combining digital precision with ecological wisdom, WetAgriMed gives farmers the tools to work with wetland cycles, not against them

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WetAgriMed

IMPROVING WETAGRICULTURE IN THEMEDITERRANEAN WITH ADVANCE DIGITAL, NATURE BASED AND PARTICIPATORY APPROACHES.

Section 1

Thematic: Farming systems in the Nexus *(2025)*

Led by the Instituto de Investigação Aplicada- Instituto Politécnico de Coimbra, Portugal

Participating Countries:

PT DZ EG SP FR IT MO TN

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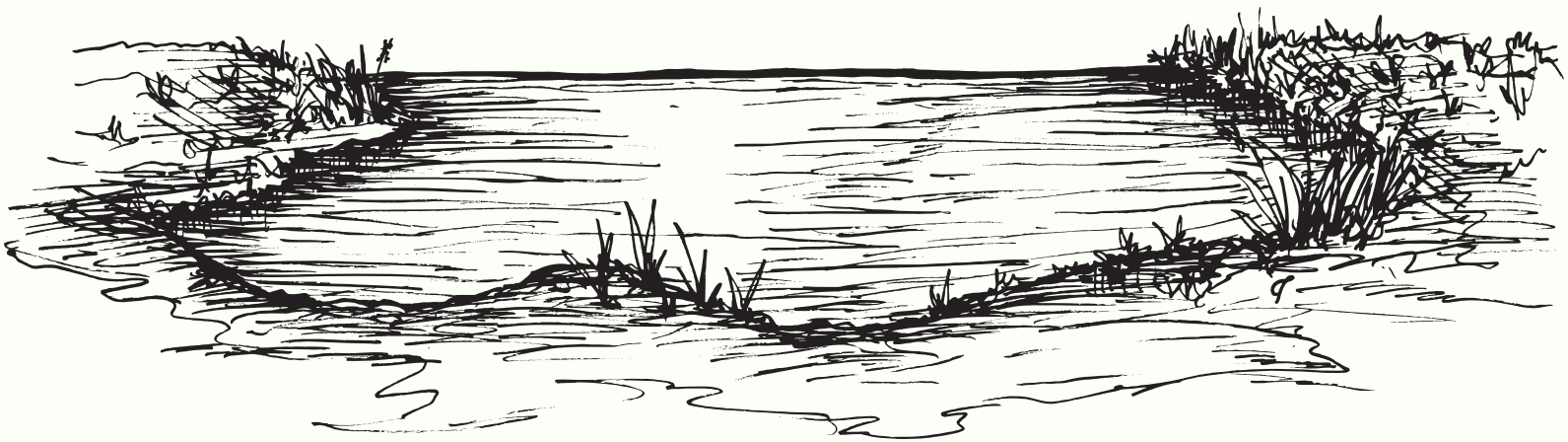
PRIMA Project

WETCARB: IF WETLANDS STORE CARBON, WHY AREN'T FARMERS GETTING PAID FOR IT?



Mediterranean wetlands are powerful carbon sinks and biodiversity hotspots

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WETCARB: MAKING CONSERVATION PAY

The challenge:
Farmers can't afford to protect wetlands

The solution:
Carbon markets that reward ecosystem services.

If wetlands store carbon, why aren't farmers getting paid for it?
WETCARB creates the missing link: a system to measure, verify, and monetize the carbon Mediterranean wetlands store.

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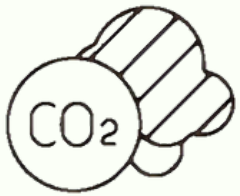

WETCARB
WETLAND ECOSYSTEM TOOL FOR CARBON ACCOUNTING

Section 1

Thematic: Farming systems in the Nexus *(2025)*

Led by the **Bogaziçi University, BU; Türkiye**

Participating Countries:

TK EG GR IT JO TN