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6th Forest Innovation Workshop

OG Forescelta

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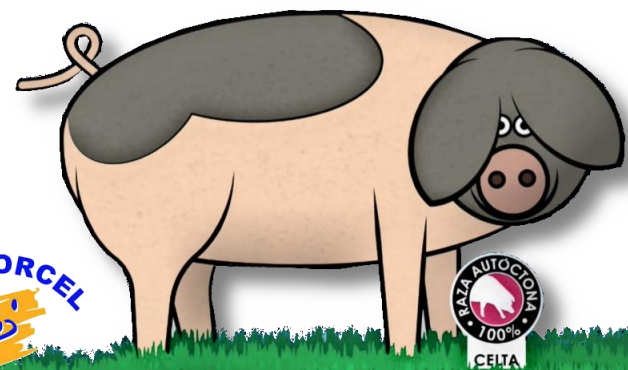


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ABOUT US

- **ASOPORCEL IS A NPO (NON-PROFIT ORGANIZATION) ESTABLISHED IN 1999 BY A GROUP OF BREEDERS CONCERNED ABOUT THE RECOVERY AND CONSERVATION OF THE 'PORCO CELTA' BREED.**
- **THE INITIAL RECOVERY EFFORTS FOCUSED ON ESTABLISHING A REPOSITORY OF LIVE ANIMALS SOURCED FROM NUMEROUS GALICIAN VILLAGES WHERE CELTIC PIGS WERE STILL BEING RAISED FOR LOCAL CONSUMPTION.**
- **OUR GOALS** →
 - ✓ MANAGE THE PEDIGREE BOOK OF THE 'PORCO CELTA' BREED.
 - ✓ CERTIFY THE QUALITY SEAL.
 - ✓ RESEARCH PROJECTS.
 - ✓ TRAINING ENTITY IN ANIMAL WELFARE (AW_102/17).
 - ✓ ADVISORY ENTITY (EAX_19_075).
 - ✓ ORGANIZATION OF TECHNICAL WORKSHOPS FOR ADVICE AND PROFESSIONALIZATION OF FARMERS.
 - ✓ PARTICIPATION IN EVENTS AND PROMOTION ACTIVITIES.

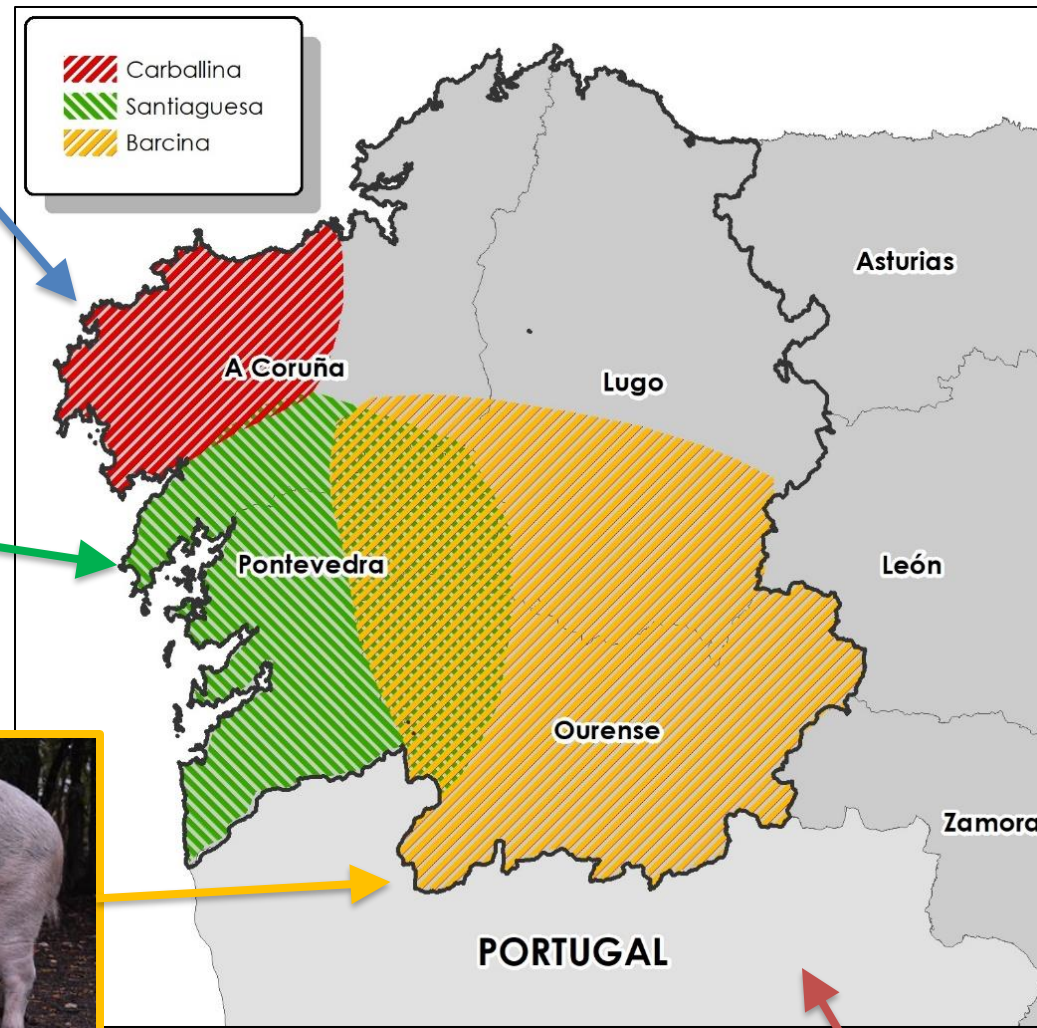


THE 'PORCO CELTA' BREED

- **BREED INCLUDED IN THE OFFICIAL CATALOGUE OF LIVESTOCK BREEDS IN DANGER OF EXTINCTION IN SPAIN (RD 45/2019).**
- **IT WAS THE MOST IMPORTANT PIG BREED IN GALICIA UNTIL THE BEGINNING OF THE 20TH CENTURY.**
- **IN 1951, ONLY 14% OF THE TOTAL PIG WAS 'PORCO CELTA' BREED.**
- **IN THE 1980S, THE BREED WAS ALMOST EXTINCT.**
- **IN 1999, WITH THE CREATION OF ASOPORCEL, THE RECOVERY WORK OF THE BREED BEGAN.**

**CURRENT CENSUS:
(DECEMBER 2021)**
 ✓ 141 FARMS
 ✓ 3,912 ANIMALS

CONSERVATION AND RECOVERY



PRODUCTION OF QUALITY MEATS

EXTENSIVE GRAZING

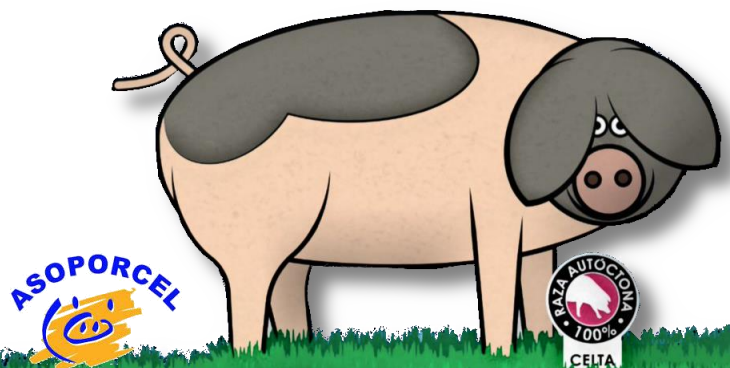


CONSUMER

- NATURAL AND DIFFERENTIATED QUALITY PRODUCTS
- RESPECT FOR THE ENVIRONMENT AND ANIMAL WELFARE

FIRE PREVENTION AND LANDSCAPE CONSERVATION

REVITALIZATION OF RURAL AREAS

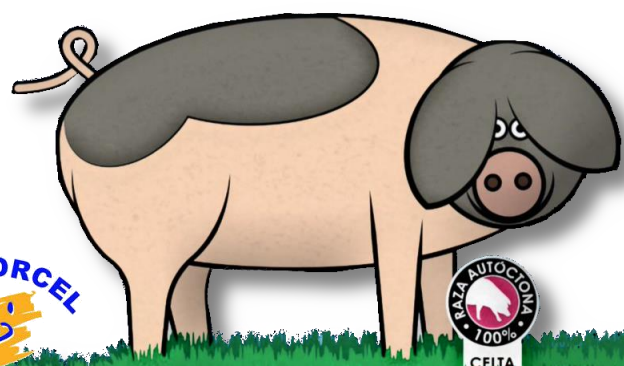


FORESCELTA OPERATIONAL GROUP

- PROJECT FOCUSED ON CONDUCTING INNOVATIVE STUDIES IN THE MANAGEMENT OF 'PORCO CELTA' PIGS IN GALICIA AND ASTURIAS UNDER EXTENSIVE MANAGEMENT CONDITIONS, THROUGH THE USE OF AUTOMATED AND INTERCONNECTED SYSTEMS.
- IT AIMS TO PROMOTE SUSTAINABLE AND ENVIRONMENTALLY FRIENDLY PRACTICES WITHIN THE AGRICULTURAL AND FORESTRY SECTORS, CARRYING OUT ACTIVITIES THAT MITIGATE CLIMATE CHANGE, WHICH IS THE CENTRAL OBJECTIVE OF THE INITIATIVE.
- **8 MEMBERS** →



- ✓ ASOCIACIÓN PARA O DESENVOLVEMENTO DO TERRITORIO INTERREGIONAL (INTEREO)
- ✓ AXENCIA GALEGA DA CALIDADE ALIMENTARIA (AGACAL)
- ✓ SERVIZO REXIONAL DE INVESTIGACIÓN E DESENVOLVEMENTO AGROALIMENTARIO (SERIDA)
- ✓ CENTRO TECNOLÓXICO DA CARNE (CTC)
- ✓ ASOCIACIÓN DE CRIADORES DE GOCHU ASTURCELTA (ACGA)
- ✓ ASOCIACIÓN DE CRIADORES DA RAZA PORCINA CELTA (ASOPORCEL)
- ✓ ASOCIACIÓN DE PROPIETARIOS FORESTAIS DO OCCIDENTE DE ASTURIAS (ASFOROCAS)
- ✓ MONTE VECIÑAL EN MAN COMÚN "O CARBALLO".



INNOVATION IN SILVOPASTURE MANAGEMENT

FUNDACIÓN TERREO (RIBEIRA DE PIQUIN-GALICIA)

CASA CABO (SELA DA LOURA-ASTURIAS)

MINIMAL INSTALATION:

- PERIMETER FENCE
- FEEDERS AND DRINKERS
- SHELTERS
- MANAGEMENT SLEEVE

ADITIONAL INSTALATION

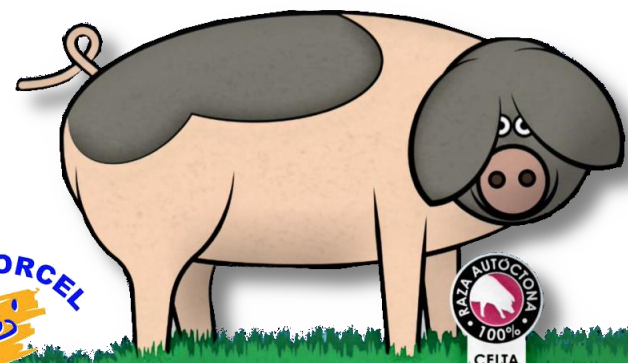
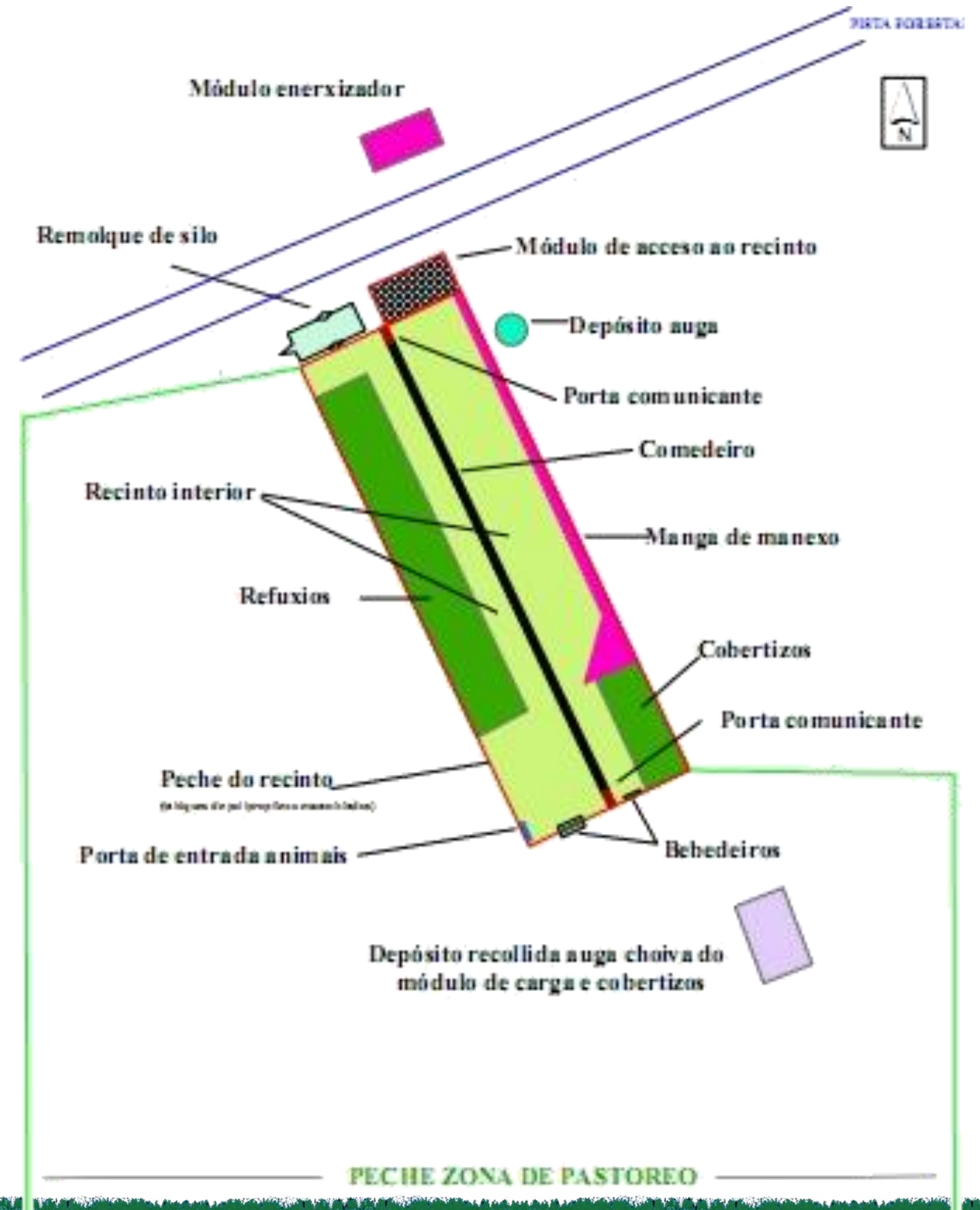
- PHOTOVOLTAIC PANELS
- AUTOMATED SYSTEM
- RETENTION SYSTEM
- WEIGHING SCALE

PORCO CELTA FARM

- ZOOTECNICAL CLASSIFICATION:
FATTENING PIG FARM
- APPROXIMATE CENSUS:
50 PIGS
MALES AND FEMALES CASTRATED

“SILVOPASTORAL USE WITH ‘PORCO CELTA’ PIGS THROUGH MODULAR TRANSPORTABLE AND AUTONOMOUS SYSTEM”

Utility Model Registered: U201831363



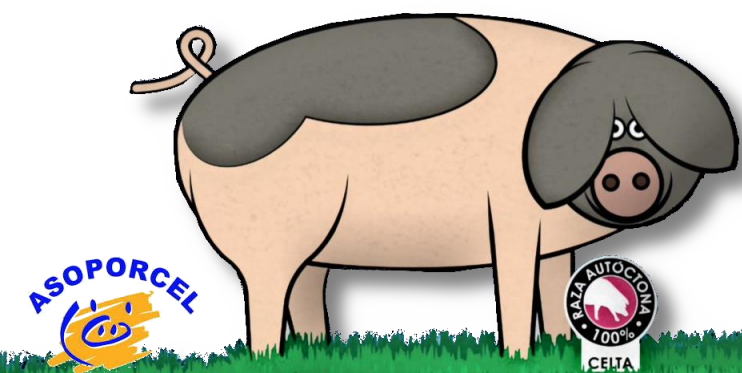


PHOTOVOLTAIC PANELS

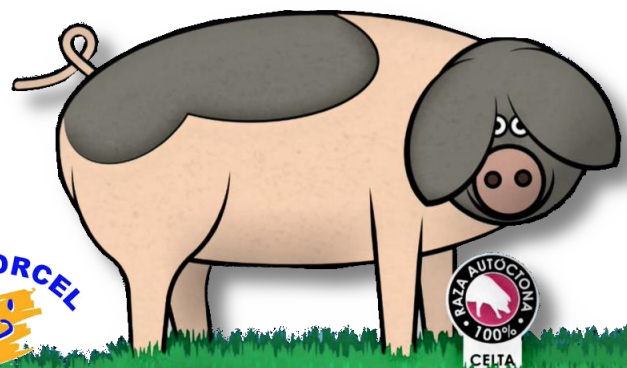
- CONVERSION OF LIGHT ENERGY INTO ELECTRICAL ENERGY
- NON-POLLUTING ENERGY POWER

INPUT MODULE

- CEREAL SILO
- WEIGHING SCALE
- QUARANTINE FACILITY
- LOADING DOCK

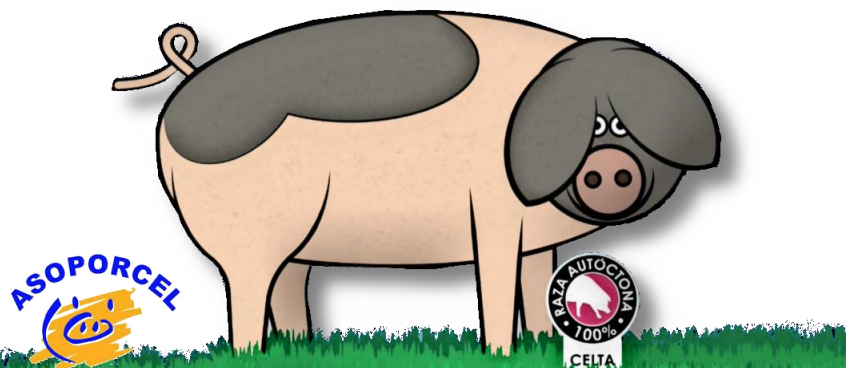


PERIMETER FENCE WITH ELECTRIFIED MESH AND POLYPROPYLENE SLATS THAT FORM THE PEN WITH AN OCCULTATION MESH TO DEFEND OURSELVES FROM POSSIBLE PREDATORS

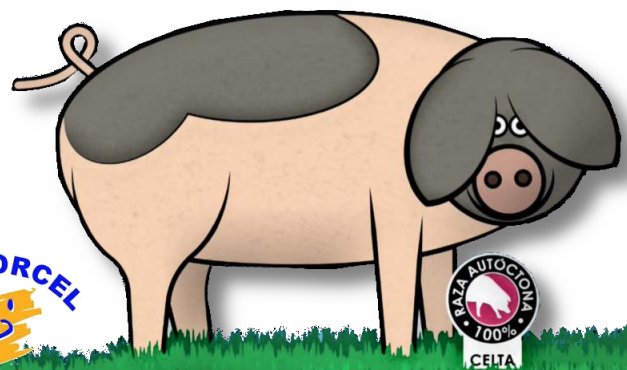


INTERIOR OF THE PEN WITH THE LONGITUDINAL FEEDER.

- ON THE LEFT, A HANDLING CHUTE
- ON THE RIGHT, SHELTERS FOR THE ANIMALS' SHELTER AND OVERNIGHT STAY
- AT THE BACK, DRINKERS AND THE EXIT DOOR TO THE OUTSIDE.



**INTERIOR OF THE PEN WITH
 THE AUTOMATED FEEDERS
 WITH A DISPENSER TO
 REGULATE THE FOOD**



#forestinnovation2025



CONCLUSIONS

- **SUSTAINABLE AND PROFITABLE LIVESTOCK FARMING**
- **OPTIMISE PRODUCT QUALITY: MORE DEMANDING CONSUMERS**
- **RETAIN RURAL POPULATION AND GENERATE WEALTH**
- **UTILISE NATURAL RESOURCES**
- **MAINTAIN BIODIVERSITY AND PREVENT ABANDONMENT**

