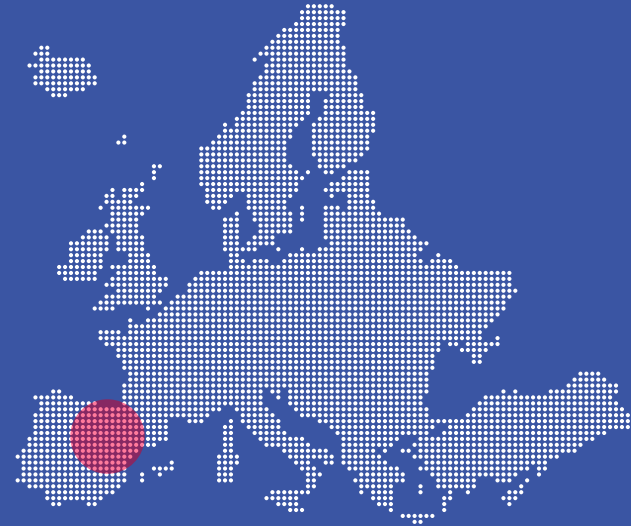




Country : **Spain**
Project name : **Guardian Echo Design**

Asset Type : **Ground mounted**
Power : **37,1 MW**
Total area : **60 Ha**
Power purchase type of contracts : **PPA**
COD date : **Operating**



GUARDIAN ECHO DESIGN

Echo Program Launch date : **2023**
Local Expert Ecologist

ECHO
PROGRAM

ECHO PROGRAM BUILT AROUND ITS OWN ENVIRONMENT:



Creation of natural vegetation islands



Creation of perimeter rush hedge



Planting fruit trees



Stried of plant cover



Installations of nest boxes and perch posts for rapators



Construction of rainwater collection ponds



Construction of calling with soil-protec for correction of caves

The plants used are indigenous to the region. The local community told us about their need for native plants, and we asked a local ecologist to integrate them into the project. To ensure social integration, we always look for a local ecologist.

KEY PERFORMANCE INDICATORS AND SPECIFIC FEATURES OF THE ENVIRONMENT AT THE OUTSET

AMARENCO
Invest in RE.Generation

T0	T1*		
3,7	2,7**		BIODIVERSITY
5,4	5,6		WATER
4,0	4,2		CARBON
6,1	6,3		VEGETAL PRODUCTIVITY & SOIL PROTECTION
			CONTAMINATION
			SOCIAL IMPACT

BIODIVERSITY
Above ground (fauna and/or flora) biodiversity evolution and/or below ground biodiversity evolution

WATER
Water infiltration/retention evolution.

CARBON
Carbon sequestration helps mitigate climate change by storing carbon in trees (micro-forests, hedgerows) and in soil (SOC evolution).

VEGETAL PRODUCTIVITY & SOIL PROTECTION
Maintain a vegetal cover and/or monitor evolution of above ground vegetal biomass productivity

CONTAMINATION
Soil and/or groundwater contamination evolution, whenever relevant.

SOCIAL IMPACT
Impact of the regeneration program on the local community.

RESILIENCE SCORE
Average Genesis 5 metrics

GENESIS

Our exclusive partner in charge of analysing the health of our soils before and for the duration of all our regeneration programmes.



**T0
DEGRADED**

3,6

Initial score

**T1
DEGRADED**

3,0

Score after construction
The loss of resilience is due to the construction

As a result of climate change and human activities, mainly agriculture, soil quality on this site has deteriorated considerably. Our aim is to revegetate an area where there is little or no diversity of plant species, and thereby encourage the return and facilitate the protection of the surrounding fauna.

* Periodic review of ECHO programs' KPIs will be conducted throughout the asset's life cycle.
** This score is down due to the construction phase of the plant but will be largely positive after a few months of soil regeneration.