



Coordinating



Associated beneficiaries



www.futuragrari.cat

973 22 08 68

FARMS FOR THE FUTURE

The project is co-financed by the European Union under the LIFE+ programme, the EU's financial instrument supporting environmental and nature conservation projects.

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FUTUR AGRARI is a project that puts into practice manure management and treatment technologies in areas of Catalonia with a high concentration of livestock farming.

The anticipated results of the project will help minimise the high nutrient content of agricultural soil, seeking compatibility with the development of farming and forestry.

The project is for illustrative purposes and is aimed mainly at farms, service companies, the administration, the sector and the stakeholders.

REDUCTION AT SOURCE AND TREATMENT OF SLURRY

TO REDUCE SLURRY GENERATION ON PIG FARMS

Careful water management = Reduction in volume of slurry

Adjusting the animals diet to their needs = Reduced excretion of nitrogen, phosphorus, copper and zinc

Adopting solid-liquid separation treatment = Improved slurry management

FERTILISATION OPTIMISATION

TO VALORIZE SLURRY AS FERTILISER

Using it tools as an aid to decision making = Adjusted doses of fertiliser to be applied

Using remote sensing techniques on advanced crops = Decision to fertilise late cover crops

Acquiring innovative fertiliser spreaders = Homogeneous, even spreading

REMOVAL OF EXCESS NUTRIENTS

TO IMPROVE QUALITY OF AGRICULTURAL SOIL

Alternating nitrogen catch crops with the main crops in the rotation = Reduced loss of nutrients through leaching

Planting combinations of trees and crops on the same plot (agro-forestry systems) = Absorption of agricultural leachate in the middle of the plot

Planting rows of woody species on the edges of plots (riparian buffers) = Absorption of agricultural leachates before they reach water courses