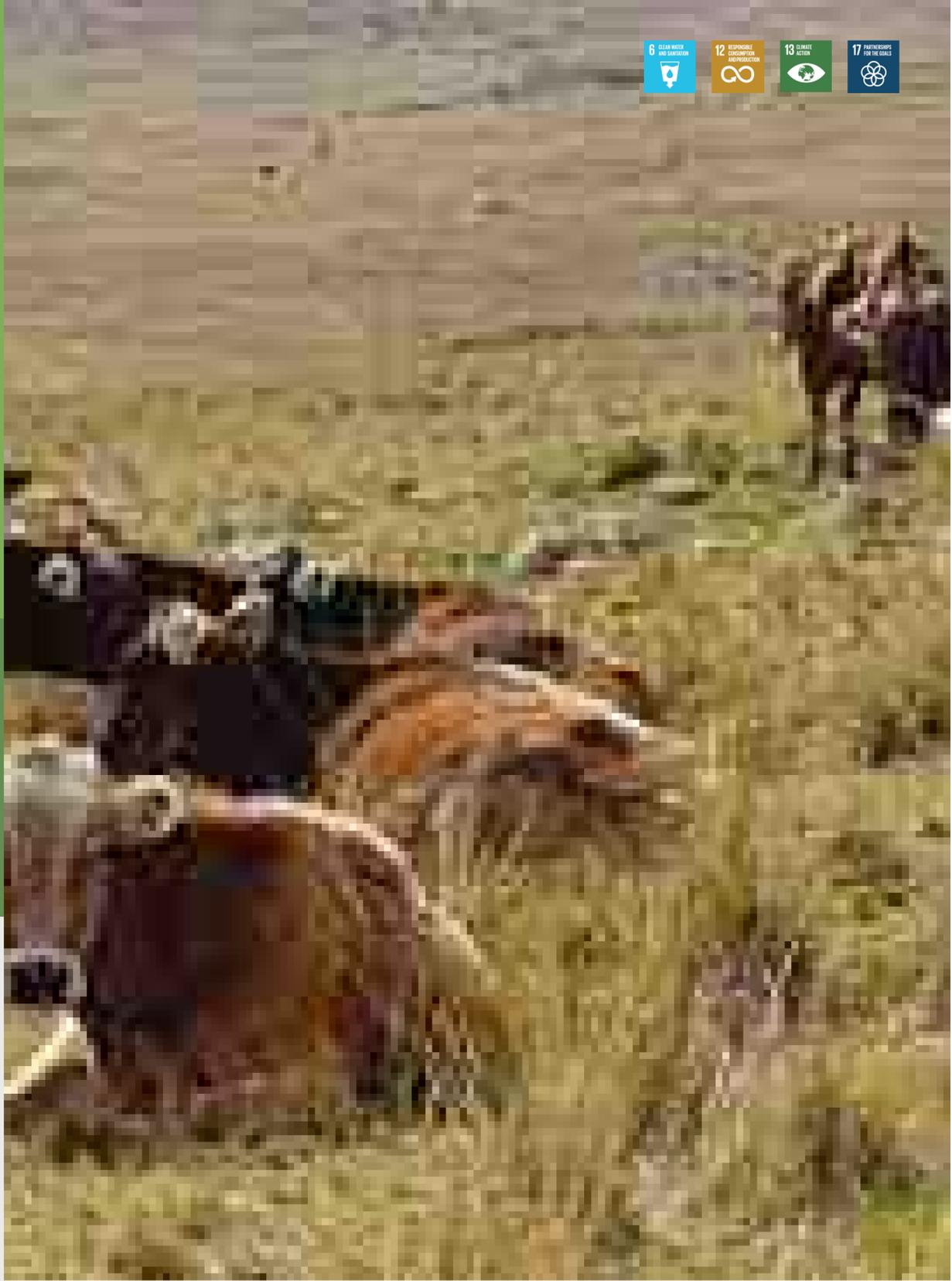


Innovation platform to improve grazing intensity management of Family Livestock Systems in Uruguay and Argentina

Innovation Platform for natural field grazing and the sustainability of livestock systems



Uruguay / Argentina



Improve the management of the animal load of the natural field in order to couple the increase in the physical-economic income and environmental performance.

The implemented initiative

It was proposed to form an interdisciplinary and inter-institutional innovation platform that will work based on 4 components: 1) Experimental and farm quantification of changes in the grazing pattern, energy balance, functional types of plants and functional diversity of plots and commercial properties subject to changes. in the supply of forage at plot and commercial farm scale.

2) Use of mathematical models to study the effect of changes in the supply of forage on the processes that control primary and secondary production, efficiency of energy use and diversity of the natural field in family ranchers. 3) Application of an approach of co-innovation, 4) The management of the innovation platform.

Regional Platform

The technological solution

A new conceptual model of natural field management at the farm and landscape scale based on an interdisciplinary and inter-institutional innovation platform to model the relationships between grazing

intensity, secondary production, economic result, biodiversity and environmental performance of family ranchers in Uruguay and Argentina.

Results

Identification of management models of grazing intensity: Non-manager, Manager and Temporal Space Manager.
Definition and execution of protocols to evaluate the relationship between grazing intensity and

environmental variables.
Modeling of the relationship between grazing intensity with forage production and selectivity.
Validation of the grazing intensity management models at the plot scale on the farms.

MÁS INFO



305

Trained farmers



66500ha

Area Intervened

Main donors



Participating Organizations

