



# Indigenous communities and climate-smart research

ARGENTINA, CHILE

**i** Webstory



## Technological solution

The technological solution consists of establishing climate-smart innovation units in selected production systems, conceived as demonstration and validation spaces to characterize, implement, and evaluate practices aimed at improving productivity, conserving natural resources, and reducing the intensity of greenhouse gas (GHG) emissions.



## Technological description

Establish climate-smart innovation units. By the end of the first year, key indicators of the production systems will be characterized, and by the end of the project, an increase in these indicators is expected in terms of productivity and natural resource conservation, along with a reduction in the intensity of GHG emissions.



## Impacts and results

The project aims to establish and characterize 15 Innovation Units in five Mapuche communities through a participatory process. It will implement climate-adapted livestock practices tailored to each unit, applying and evaluating at least two climate-smart livestock practices per unit to enhance productivity and natural resource management. The project will also measure and quantify the reduction in GHG emission intensity resulting from these practices. Additionally, it will promote knowledge dissemination through outreach materials and exchange events while strengthening an inclusive innovation ecosystem via transdisciplinary team training, community exchanges, and technical internships.

 <p><b>+ 500</b> <b>Productores</b> Adopting technologies</p>	 <p><b>+ 15</b> <b>Unidades</b> Applied and evaluated technology</p>
 <p><b>+ 50</b> <b>Capacitaciones</b> Training provided</p>	 <p><b>5000</b> <b>Productores</b> Trained</p>
 <p><b>60</b> <b>Mujeres</b> "Direct female participants"</p>	 <p><b>2</b> <b>Estudiantes</b> Ongoing doctoral and postdoctoral research</p>
 <p><b>5</b> <b>International refereed publications</b></p>	 <p><b>5</b> <b>comunidades</b> Participating Mapuche communities</p>

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