AGROSAVIA, CORPORACIÓN COLOMBIANA DE INVESTIGACIÓN AGROPECUARIA, COLOMBIA

Protected horticulture, an alternative for dealing with climate change in high-temperature areas

Contributing to the generation of sustainable intensification innovations in horticultural under protected environment conditions to decrease climate change vulnerability in family farming systems in Latin America and the Caribbean.

2837
People trained

1326
Trained women

1511
Trained men

900

Protected Agriculture: simulating, designing, and validating structures.

The implemented initiative

Colombia, Costa Rica, Panama, and the Dominican Republic, funded by FONTAGRO, have joined to contribute towards the improvement of the competitiveness of horticultural systems in family farming through technological innovations for agricultural production under protected conditions. In this sense, it is necessary for an environmental, economic, and social prioritization of horticultural species, designing and validating infrastructures, and generating technical recommendations for their transfer to farmers and how these can be appropriated, to achieve this goal.

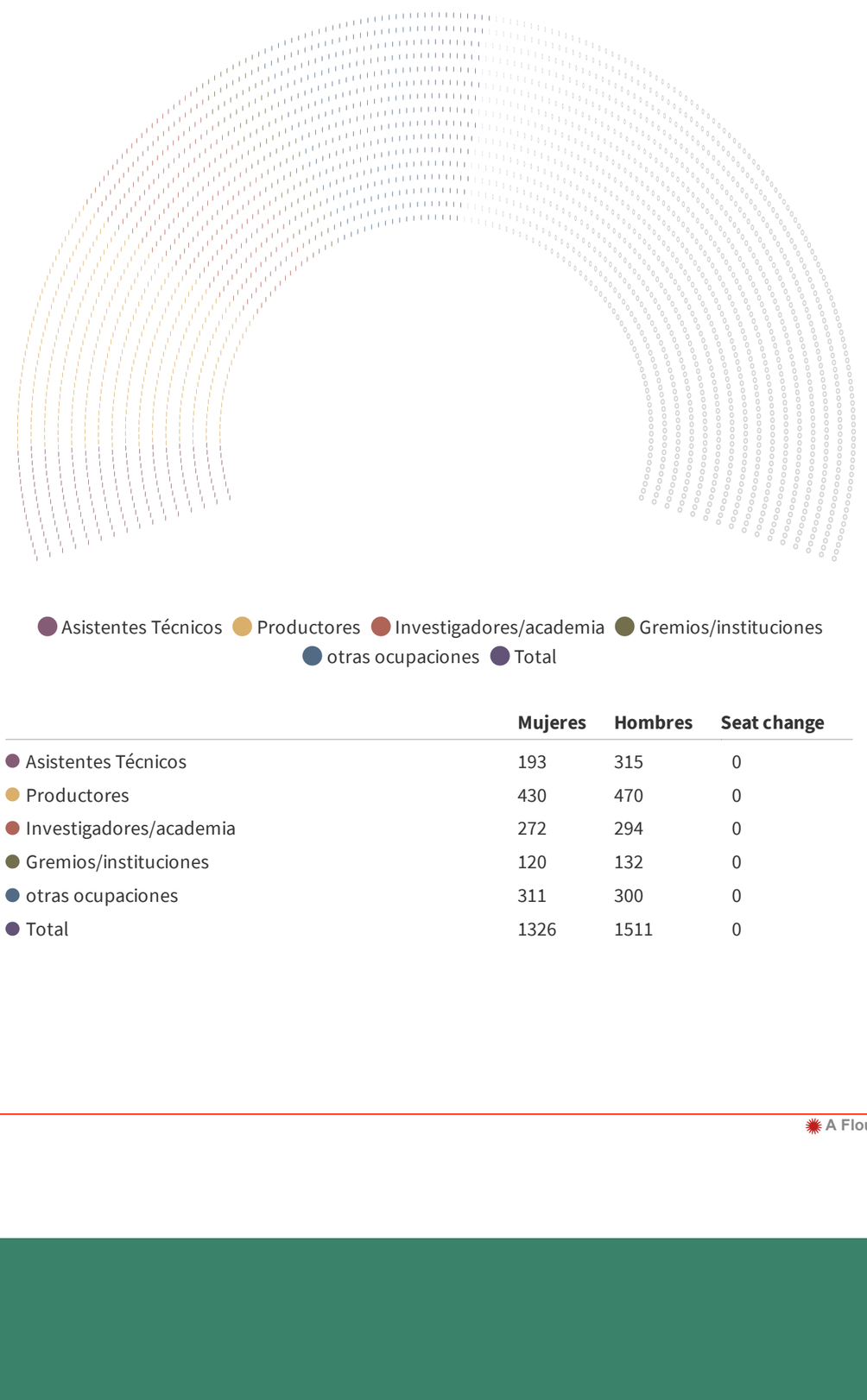
Validating infrastructure for the production of vegetables in high-temperature areas.

The technological solution

It is necessary to perform the simulation, design, building, and validation of technical, economic and environmental viable infrastructure models (mesh house - greenhouse) based on agroclimatic conditions of each region/country, and hence, improve vegetable production under protected conditions in high-temperature areas, to respond to the issues mentioned above. Similarly, technical recommendations will be validated and adjusted to improve the adaptability, productivity, and quality of the vegetables grown under protected conditions in family farming systems. During the entire process, participative research activities (workshops, field days, and method demonstrations) involving small producers will be developed to strengthen their capacities and, thus, give them a viable alternative that provides a solution to food safety in high-temperature areas.

indicadores de género personas capacitadas 2019-2020

Total capacitados 2837 personas



	Mujeres	Hombres	Seat change
Asistentes Técnicos	193	315	0
Productores	430	470	0
Investigadores/academia	272	294	0
Gremios/instituciones	120	132	0
otras ocupaciones	311	300	0
Total	1326	1511	0

A Flourish election chart

MÁS INFO

Results

Main donors

Participating Organizations