



## URUGUAY

# Uruguayan-German Dialogue on Agriculture (DAUA)

The dialogue promotes bilateral and regional exchange on resource-efficient and climate-resilient agricultural production systems

## The Agriculture in Uruguay

The agricultural sector plays an important role in Uruguay's economy and is affected by the impacts of climate change. Uruguay, like Germany, has an interest in securing future harvests and jointly developing solutions for maintaining soil fertility and climate-resilient and sustainable farming methods. With INIA, Uruguay has an excellent national research institution, as does Germany with the JKI, both working together on new findings. These research activities will continue to support technical and political dialogues and, in future, will also increasingly support economic partnerships.

## The Project

The technical dialogue promotes synergies in research, dissemination, and application of sustainable, resource-efficient, and climate-resilient production systems between Germany and Uruguay, as well as at regional and inter-American levels. DAUA's work focuses on soil health. The dialogue brings together scientific, governmental, private and public sector professionals and networks, in their thematic project focus on soil microbiology, bio-inputs, soil carbon sequestration, agricultural extension with a focus on gender and generations.

## Project Goals

- To exploit the beneficial potential of the soil microbiome for healthy soils as a basis for efficient agricultural production systems.
- Promote favourable conditions for sharing experiences and strengthening capacities at national and regional level.
- Promoting open dialogue between politics, science and practice to develop sustainable innovations in agriculture.
- Promoting regional projects and collaborations to test and scale sustainable agricultural practices.

**PROJECT TITLE**  
Uruguayan-German Dialogue on Agriculture

**TIMEFRAME**  
11/2023 to 11/2026

**AS OF**  
December 2025

Education and Training in the Agricultural Sector

Climate Adaptation and Climate Protection

Organic Farming

With support from



Federal Ministry of Agriculture, Food and Regional Identity

by decision of the German Bundestag

Field inspections and soil sampling play an important role in research and successful farming. They provide material for laboratory analyses and indicate possible necessary adjustments to agricultural management practices. Here, soil samples are being examined for INIA and JKI's work on the soil microbiome. Field visits took place as part of a regional workshop involving the Thünen Institute on models for measuring carbon in soil at INIA 'La Estanzuela'.





#### PORTRAIT URUGUAY

Uruguay covers an area of about 176,000 km<sup>2</sup>, with a population of about 3.5 million inhabitants, and is characterised by a diverse natural environment. The wide plains with natural grassland and partly hilly landscapes are characterised by natural grasslands. The influence of the rivers and the Atlantic Ocean determines the climatic conditions and the ecoregions of Uruguay, reflecting diverse agricultural activities ranging from livestock, agriculture to forestry.

## Results and Successes

- Study tour to Germany with representatives from MGAP and INIA, focusing on carbon management and soil health.
- Joint training of Uruguayan and German experts on calculation models for soil organic carbon.
- Support for the implementation of Uruguay's National Bioinputs Plan, through the integration of German experiences and best practices.
- Organization of webinars, workshops, and discussion panels in cooperation with the AGRIDENZ project (Germany–New Zealand).
- Identification of bacteria beneficial to plants in laboratory experiments.
- Presentation of the soil microbiome component at a booth during the Global Forum for Food and Agriculture 2025 in Berlin.

## Project Partners and Cooperations

- Ministry of Livestock, Agriculture and Fisheries (MGAP) – political partner
- National Institute for Agricultural Research (INIA) – operational partner
- Inter-American Institute for Cooperation on Agriculture (IICA)
- Cooperative Programme for the Development of Agrifood and Agro-Industrial Technology in the Southern Cone (PROCISUR)

## Implementing Organisations

IAK Agrar Consulting GmbH, GOPA AFC GmbH, Julius Kühn Institute (JKI)



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Edificio Los Guayabos- Parque de Innovación LATU  
Avda. Italia 6201  
Montevideo, Uruguay



[www.dialogoagro.uy](http://www.dialogoagro.uy)  
[info@dialogoagro.uy](mailto:info@dialogoagro.uy)  
LinkedIn



Bilateral Cooperation  
Programme  
of the BMLEH



The BKP-Projects are supported with funds from the German Federal Ministry of Agriculture, Food and Regional Identity under the supervision of GFA Consulting Group GmbH.

**PUBLISHED BY**  
IAK Agrar Consulting GmbH  
Bornaer Str. 16  
04288 Leipzig

Tel.: +49 34297 714-0  
E-Mail: [info@iakleipzig.de](mailto:info@iakleipzig.de)  
[www.iakleipzig.de](http://www.iakleipzig.de)

**TEXT**  
IAK

**PHOTO CREDITS**  
Page 1: INIA, IAK  
Page 2: IAK

**DESIGN**  
K-tiv.com, Berlin  
Pauline De Langre  
Michael Berger

**AS OF**  
December 2025