



TERRITORIAL ADAPTATION

*Strengthening Competitiveness in the Face of Drought
Experience from Filadelfia, Paraguayan Chaco*



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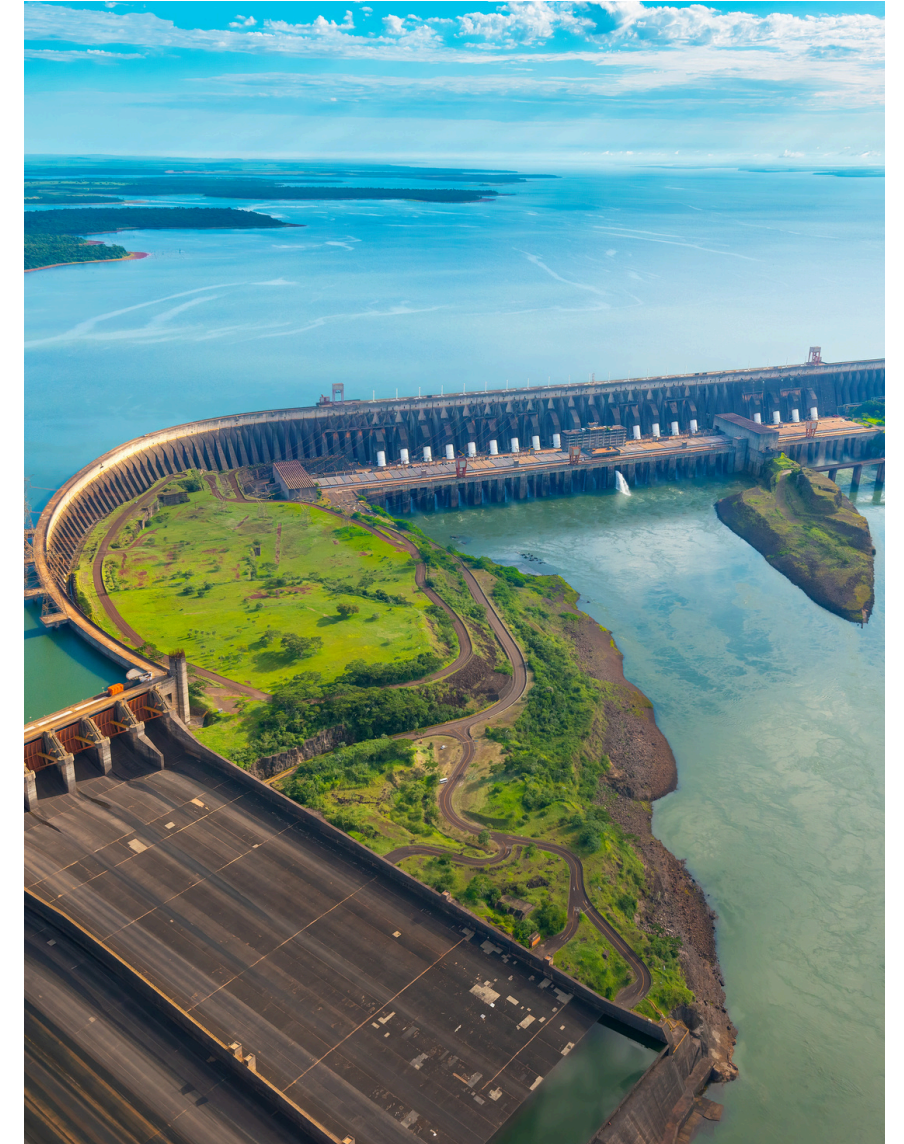


PARAGUAY



Key Country Data:

- Area: 406,752 km²
- Population: 7 million
- Location: Central South America, with strategic access to regional markets.



Western Region (Chaco): Area: 246,000 km² | Climate: Semi-arid, extreme temperatures, and drought

Key Features: High-quality livestock, developing wind and solar energy, unique biodiversity

Eastern Region: Area: 160,000 km² | Climate: Humid subtropical

Key Features: Leading agriculture (soy, corn, cotton, sugarcane), Hydroelectric power (Itaipú and Yacyretá), clean and exportable energy, Tourism and culture (nature, gastronomy, and heritage)



BOQUERÓN DEPARTMENT

Location

Boquerón is located in the Chaco region of western Paraguay, and is bordered by Bolivia to the north and west, the Department of Alto Paraguay to the east, and the Department of Presidente Hayes to the southeast.

Area

With its 91,669 km², it is the largest department of Paraguay, representing approximately 22% of the national territory.

Boquerón

the Department of Boquerón is a unique region in Paraguay, with a robust economy based on agriculture and livestock, a diverse culture and a rich history. Mennonite communities have played a crucial role in the development of the department, making it an example of organization and progress in a challenging region.

Filadelfia Township

01

It is a municipality in the XVI Boquerón Department, about 470 km from the country's capital.

02

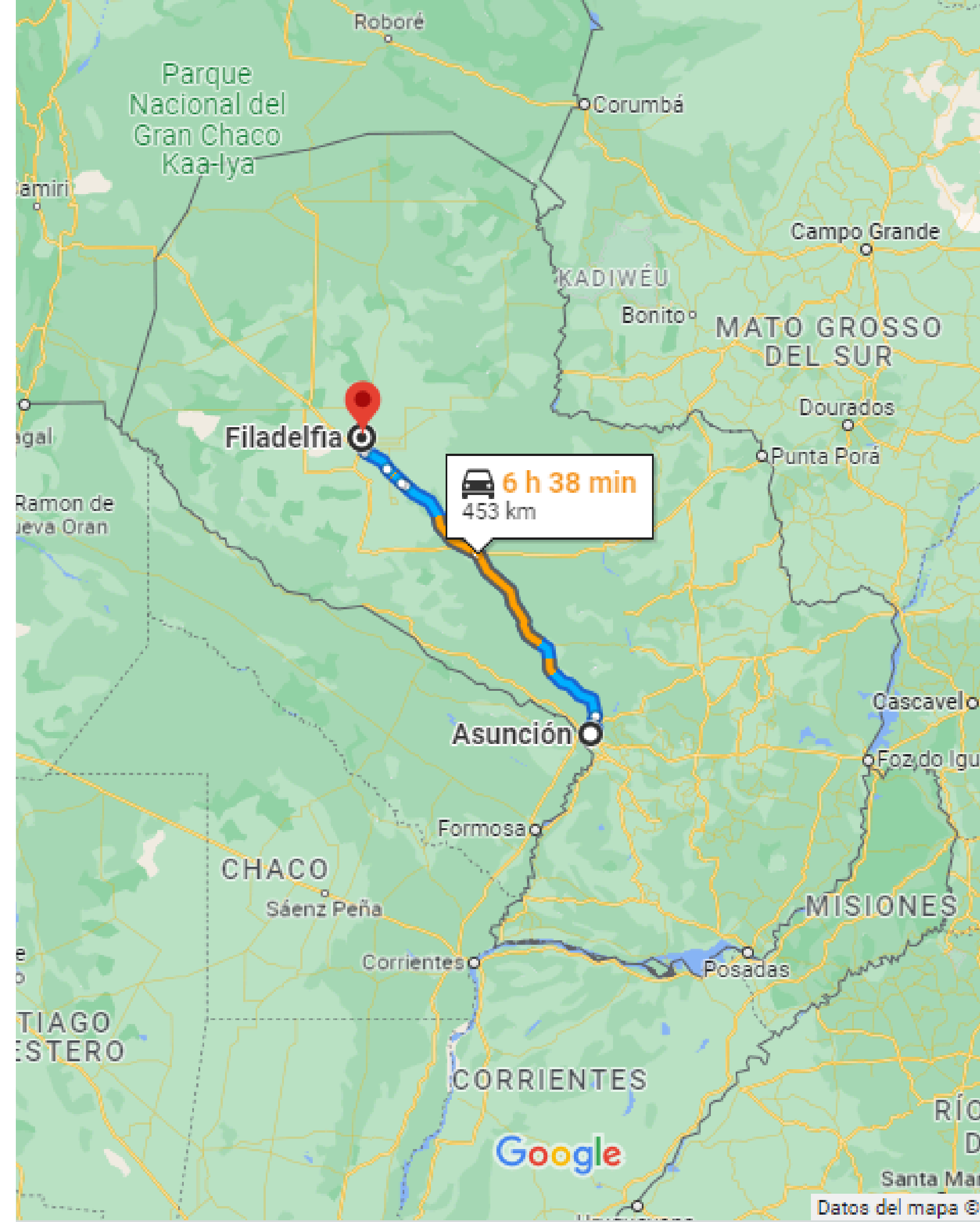
Conceived as the administrative center of the Fernheim Mennonite Colony, in 1931.

03

Promoted in 1993 by the Paraguayan government to departmental capital.

04

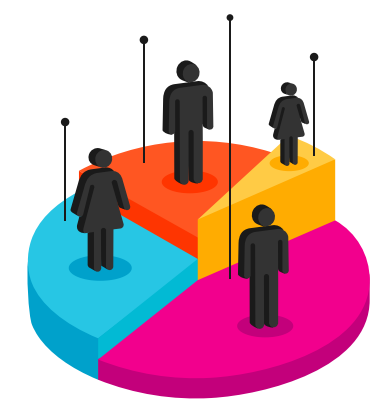
In 2006 by Law No. 2928, Philadelphia was elevated to the district level.



Filadelfia District



Population: 20,595
inhabitants (Census 2022)



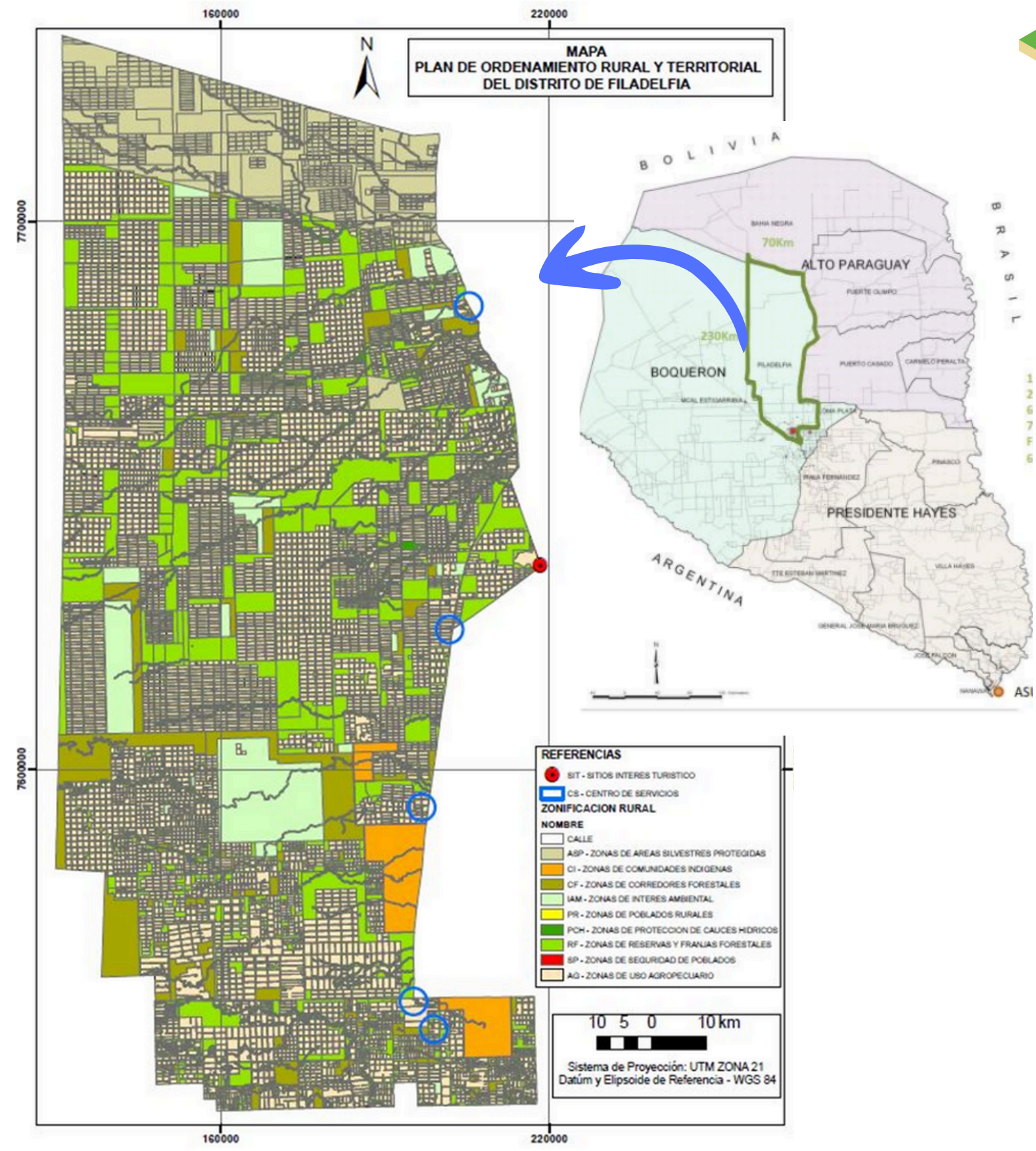
Urban Population: 75.33%



Cultural Diversity



Area: 13,879 km²





LOCAL PLANNING FOR A SUSTAINABLE FUTURE

01

National Development Plan: Currently under development, with a vision toward 2050.

02

District Development Plan: General guide for sustainable growth.

03

Institutional Strategic Plan: Municipal action framework.

04

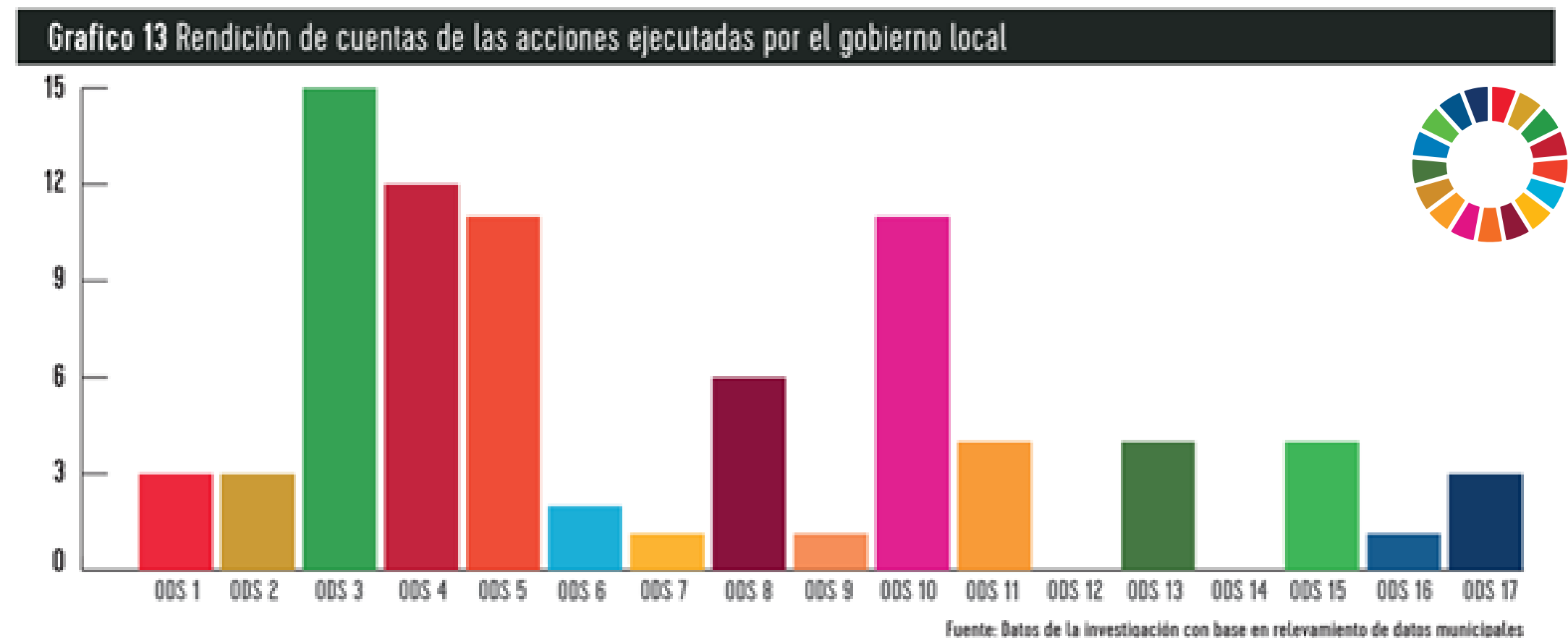
Urban and Territorial Planning Plan: Currently being implemented; guides land use, urban expansion, and environmental management.

05

Municipal Climate Change Adaptation Plan: Under review to strengthen and update.

The ILV presentation represents

- It strengthens participatory planning,
- accountability,
- inter-institutional coordination,
- alignment of the Municipal Development Plan with the 2030 Agenda,
- visibility of the impact of municipal actions on social, environmental, and economic development areas,
- and generates data and indicators useful for decision-making.



Advance the achievement of SDG 6 by highlighting the importance of ensuring equitable access to safe drinking water and sanitation, and strengthening the sustainable management of water resources across the territory.

Integration of the PND, PDD, and SDGs into Local Development Plans

PND	SDG Link	PDD	Projects – PEI	Budget
1.1 Achieve equitable social development	SDG 1 y 2	Children served in Filadelfia	Strengthening the Social Services Department to ensure the protection of children and adolescents in Filadelfia and support various compensatory programs	USD 11.711
1.2 Provide quality social services	SDG 1 y 2	Improve education and health of children and adolescents	Construction of a district hospital	USD 4.698.700
			Improve teaching quality through school equipment	USD 199.850
			Establish the Filadelfia Municipal School of Art	USD 21.400
			Lighting for 4 recreational spaces	USD 28.500
1.3 Achieve participatory local development	SDG 11	District urban planning	Implement Filadelfia's Urban and Territorial Development Plan – POUT	USD 28.950
1.4 Develop adequate and healthy habitat	SDG 13	Protect habitat to achieve greater development	Efficient maintenance of solid waste collection and sanitary landfill	USD 171.000
			Efficient maintenance of Filadelfia district roads	USD 459.000

Water:

Our Greatest Challenge



The Central Chaco faces a major challenge as this region lacks permanent watercourses and springs, relying exclusively on rainfall as its main water source. Rainfall is scarce and seasonal, concentrated between October and April. These climatic conditions are compounded by other factors:

- High temperatures
- Variable soil types
- Salinity of the subsoil



Local Solutions for Water Security

The Municipality carries out various actions to ensure access to water in rural and urban communities of the Central Chaco.

The main initiatives include:

- Preparation and cleaning of water ponds (tajamares)
- Repair and maintenance of water systems
- Water supply through tanker trucks
- Support for rainwater harvesting and storage projects

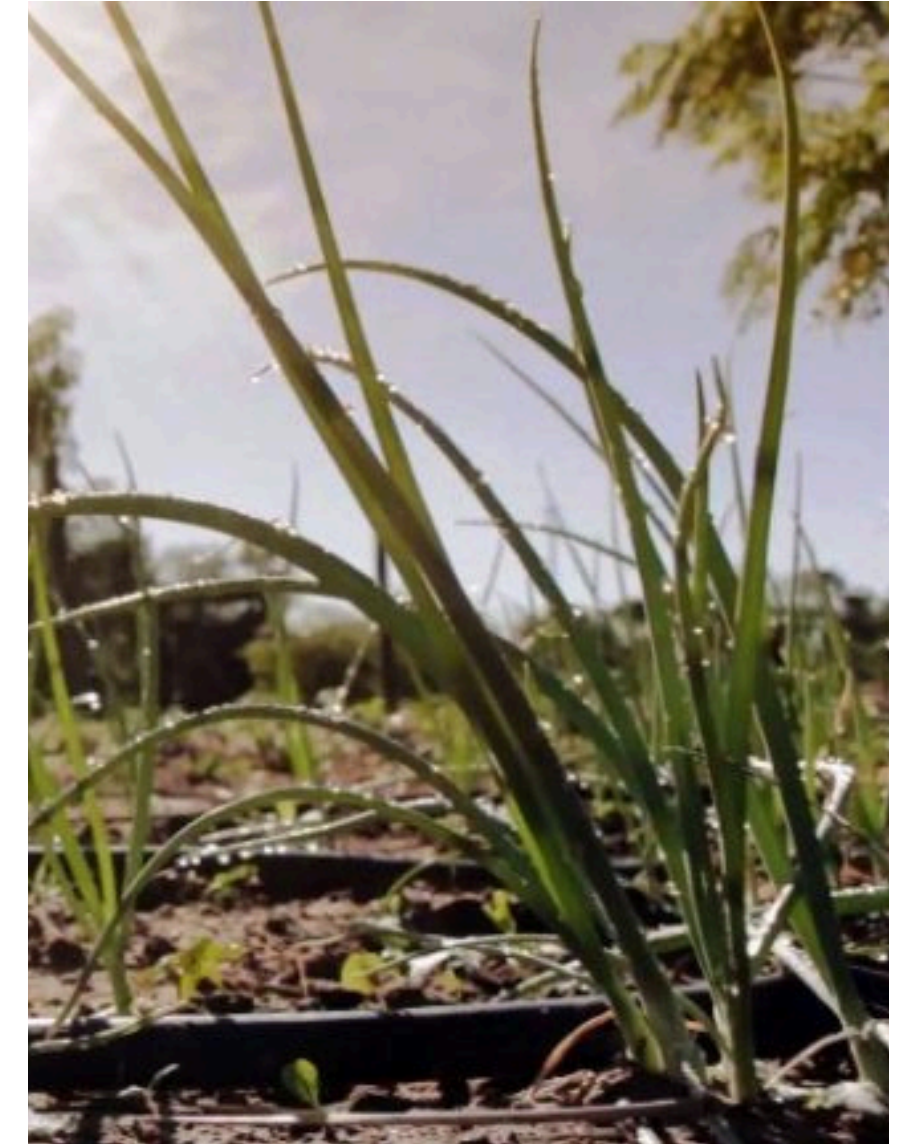
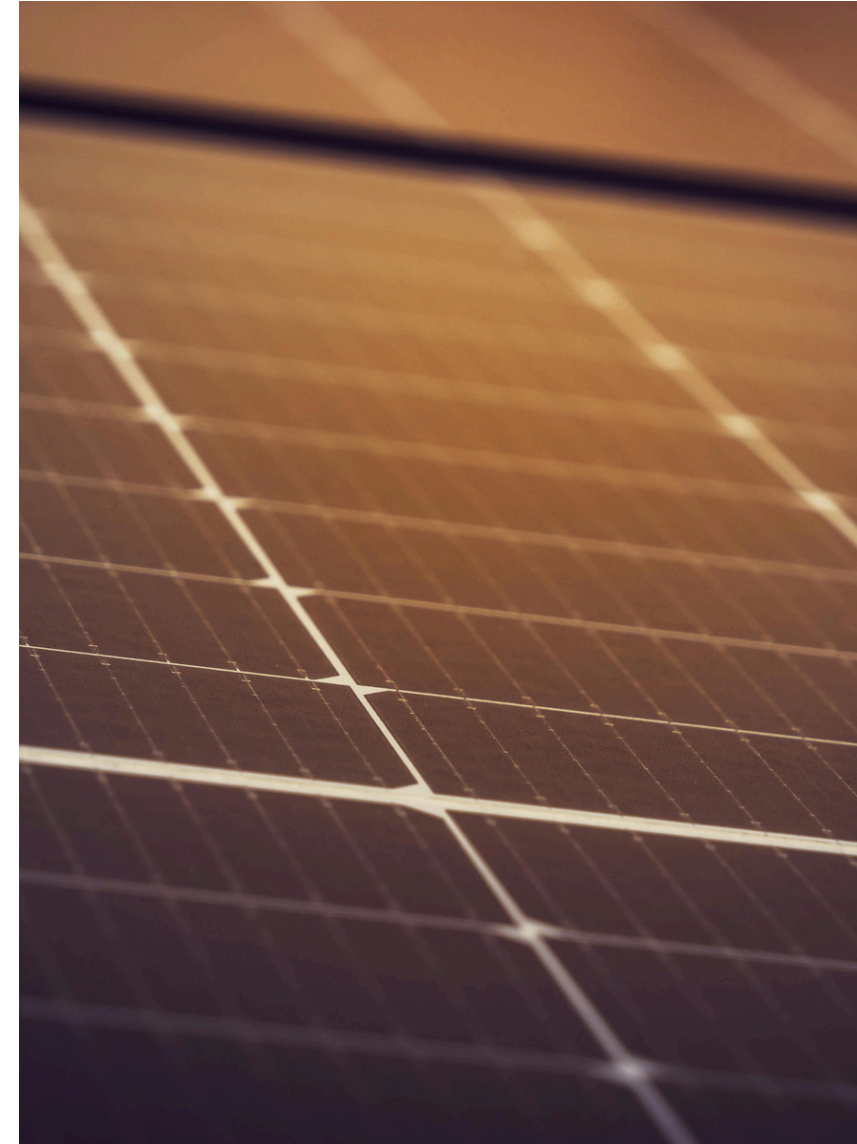


Social Inclusion and Community Support

In the Central Chaco, more than 60% of the population is of Indigenous origin, and access to water represents not only an environmental challenge but also a social and cultural one.

- Historically, Indigenous peoples have developed their own knowledge regarding the location and use of water resources.
-
- Indigenous women, often referred to as the “guardians of the resource,” play a key role in the collection, management, and domestic use of water.
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- Programs promoted by the municipality and its partners encourage equitable participation in the planning and maintenance of water systems, ponds, wells, and cisterns.

Agro-industrial Competitiveness Productive Development and Sustainability



The Central Chaco, established as Paraguay's agro-industrial hub for livestock, dairy, and meat production, is now promoting the sustainable cultivation of cotton with active ginning facilities, integrating good practices in water use and clean energy.

Our role as a municipality is to facilitate the orderly and resilient development of the private sector, promoting a balanced growth model.

To Adapt is to Work Together



Multilevel
Coordination



Departmental
Executive Council



Mayors' Table –
Bioceanic Corridor



Agreements with the
Central Government



MIDIF



Agreement with the
Cooperative



Water for the Chaco
Corporation



Capricorn Bioceanic Corridor:
Connecting the Chaco with the
Future of Trade and Development

The Future of the Chaco: Resilience and Cooperation

“In Filadelfia, adapting to the climate means making every drop of water count, ensuring every partnership is meaningful, and that every action strengthens our environment and economy.”

The Chaco has always been a land of resilience.

Today, that strength guides us in building a productive, supportive, and sustainable future.





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