



# 20 WATER, SANITATION AND SOLID WASTE

STRATEGIC PROJECTS IN COLOMBIA

## COLOMBIA IN NUMBERS



**6th**

Renewable freshwater  
power worldwide

**5.334** US\$

PIB Per Capita 2020

**50.882.884**

Population 2020

**68%**

Population between 15-  
64 years

**3,74 US**

Big Mac Index 2021

**1.141.750 km<sup>2</sup>**

Surface



# 20 WATER, SANITATION AND SOLID WASTE

## STRATEGIC PROJECTS IN COLOMBIA

20 STRATEGIC PROJECTS WITH AN ESTIMATED INVESTMENT OF OVER USD  
1.9 BILLION TO BENEFIT OVER 10 MILLION PEOPLE





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# STRATEGIC PROJECTS

IN PROCURING PROCESSES

For more detailed information on the projects, please do not hesitate to  
contact [vposada@minvivienda.gov.co](mailto:vposada@minvivienda.gov.co)

[www.minvivienda.gov.co](http://www.minvivienda.gov.co)



# WATER, SANITATION AND SOLID WASTE PROJECTS IN COLOMBIA

## PROJECT 1



**NAME:** Wastewater Treatment Plant – WWTP



**LOCATION:** Pereira, Risaralda



**TYPE:**



Water



Sanitation



Solid Waste



**PEOPLE BENEFITED:**

600.683



**IMPACT:**

Contributes 1.13 percentage points to the national percentage of wastewater treatment. Treatment flow at the beginning of the operation: 730 L/s.

## INVESTMENT



**COLOMBIAN PESO (COP):**

248.924.000.000\*



**US DOLLARS (USD):**

63.826.666\*



**STATUS:**

Procuring



**CONTRACTOR:**

Local Public Utility Company



**TYPE:**



Public-Private Partnership



Work Concession



Public Construction



# WATER, SANITATION AND SOLID WASTE PROJECTS IN COLOMBIA

## PROJECT 2



**NAME:** Construction and optimization of conduction and distribution networks of the aqueduct



**LOCATION:** Agustín Codazzi, Cesar



**TYPE:**



Water



Sanitation



Solid Waste



**PEOPLE BENEFITED:**

52.737



**IMPACT:**

Optimizes the distribution networks of 85% of the urban area of the municipality, improving service in five of the six sectors of the aqueduct system

## INVESTMENT



**COLOMBIAN PESO (COP):**

49.991.602.211



**US DOLLARS (USD):**

12.818.360\*



**STATUS:**

To start procuring



**CONTRACTOR:**

Local Public Utility Company



**TYPE:**



Public-Private Partnership



Work Concession



Public Construction

\*Estimated



# WATER, SANITATION AND SOLID WASTE PROJECTS IN COLOMBIA

## PROJECT 3



**NAME:** Design and optimization work of the aqueduct distribution system



**LOCATION:** Riohacha, La Guajira



**TYPE:**



Water



Sanitation



Solid Waste



**PEOPLE BENEFITED:**

151.143



**IMPACT:**

Reduces water leaks and increases the continuity of the drinking water service

## INVESTMENT



**COLOMBIAN PESO (COP):**

40.973.439.221



**US DOLLARS (USD):**

10.506.010\*



**STATUS:**

To start procuring



**CONTRACTOR:**

Regional Company



**TYPE:**



Public-Private Partnership



Work Concession



Public Construction

\*Estimated



# WATER, SANITATION AND SOLID WASTE PROJECTS IN COLOMBIA

## PROJECT 4



**NAME:** Construction of the aqueduct and sanitation systems in rural areas of the municipality



**LOCATION:** Fonseca, La Guajira



**TYPE:**



Water



Sanitation



Solid Waste



**PEOPLE BENEFITED:** 2.817



**IMPACT:**

Guarantees 100% coverage in drinking water and sanitation services in rural areas intervened.

## INVESTMENT



**COLOMBIAN PESO (COP):** 21.818.518.384



**US DOLLARS (USD):** 5.594.492\*



**STATUS:** To start procuring



**CONTRACTOR:** Regional Authority



**TYPE:**



Public-Private Partnership



Work Concession



Public Construction

\*Estimated



# WATER, SANITATION AND SOLID WASTE PROJECTS IN COLOMBIA

## PROJECT 5



**NAME:** Construction of a wastewater treatment system- WWTS - and optimization of the aqueduct



**LOCATION:** San Onofre, Sucre



**TYPE:**



Water



Sanitation



Solid Waste



**PEOPLE BENEFITED:** 3.996



**IMPACT:**

Guarantees access to sanitation and water services for 100% of the population in intervened rural areas.

## INVESTMENT



**COLOMBIAN PESO (COP):** 20.830.274.358



**US DOLLARS (USD):** 5.341.096\*



**STATUS:** Procuring



**CONTRACTOR:** Local Public Utility Company



**TYPE:**



Public-Private Partnership



Work Concession



Public Construction

\*Estimated





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# STRATEGIC PROJECTS

IN SEARCH OF FUNDING

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# WATER, SANITATION AND SOLID WASTE PROJECTS IN COLOMBIA

## PROJECT 1



**NAME:** Wastewater Treatment Plant – WWTP - Canoas



**LOCATION:** Bogotá



**TYPE:**



Water



Sanitation



Solid Waste



**PEOPLE BENEFITED:**

6.242.366



**IMPACT:**

Contributes 16 percentage points to the national percentage of wastewater treatment. Average treatment flow: 16.000 L/s.

## INVESTMENT



**COLOMBIAN PESO (COP):**

4,5 billion



**US DOLLARS (USD):**

1.153.846.154\*



**STATUS:**

Structuring and in search of funding



**CONTRACTOR:**

Local Public Utility Company



**TYPE:**



Public-Private Partnership



Work Concession



Public Construction



# WATER, SANITATION AND SOLID WASTE PROJECTS IN COLOMBIA

## PROJECT 2



**NAME:** Techno-environmental Park "Xisqua"



**LOCATION:** Soacha, Cundinamarca



**TYPE:**



Water



Sanitation



Solid Waste



**PEOPLE BENEFITED:**

8.538.764



**IMPACT:**

The park adopts technologies, commercial schemes, incentives, and business management that incentivize solid waste management.

## INVESTMENT



**COLOMBIAN PESO (COP):**

Estimating



**US DOLLARS (USD):**

Estimating



**STATUS:**

Structuring and in search of funding



**CONTRACTOR:**

Local Public Utility Company



**TYPE:**



Public-Private Partnership



Work Concession



Public Construction



# WATER, SANITATION AND SOLID WASTE PROJECTS IN COLOMBIA

## PROJECT 3



**NAME:** Wastewater Treatment System – WWTS- Cucuta Metropolitan Area



**LOCATION:** Cúcuta, Norte de Santander



**TYPE:**



Water



Sanitation



Solid Waste



**PEOPLE BENEFITED:**

1.000.000\*



**IMPACT:**

Contributes 4.6 percentage points to the national percentage of wastewater treatment. Estimated treatment flow of the system: 3.000 L/s

## INVESTMENT



**COLOMBIAN PESO (COP):**

> 1 billion\*



**US DOLLARS (USD):**

> 250.000.000\*



**STATUS:**

Structuring and in search of funding



**CONTRACTOR:**

Local Public Utility Company



**TYPE:**



Public-Private Partnership



Work Concession



Public Construction



# WATER, SANITATION AND SOLID WASTE PROJECTS IN COLOMBIA

## PROJECT 4



**NAME:** Wastewater Treatment Plant – WWTP- Bucaramanga Metropolitan Area



**LOCATION:** Bucaramanga, Santander



**TYPE:**



Water



Sanitation



Solid Waste



**PEOPLE BENEFITED:**

800.000\*



**IMPACT:**

Contributes 1.23 percentage points to the national percentage of wastewater treatment. Treatment flow at the beginning of the operation: 800 L/s.

## INVESTMENT



**COLOMBIAN PESO (COP):**

>700.000.000.000\*



**US DOLLARS (USD):**

179.487.179\*



**STATUS:**

Structuring and in search of funding



**CONTRACTOR:**

Local Public Utility Company



**TYPE:**



Public-Private Partnership



Work Concession



Public Construction

\*Estimated



# WATER, SANITATION AND SOLID WASTE PROJECTS IN COLOMBIA

## PROJECT 5



**NAME:** Wastewater Collector of the Western Area of the Baranquilla District



**LOCATION:** Barranquilla, Atlántico



**TYPE:**



Water



Sanitation



Solid Waste



**PEOPLE BENEFITED:**

444.014\*



**IMPACT:**

Eliminates and unifies wastewater discharges to reduce morbidity vectors, eliminate odors and negative impacts on the environment.

## INVESTMENT



**COLOMBIAN PESO (COP):**

264.167.182.168



**US DOLLARS (USD):**

67.735.175\*



**STATUS:**

Structuring and in search of funding



**CONTRACTOR:**

Municipality



**TYPE:**



Public-Private Partnership



Work Concession



Public Construction

\*Estimated



# WATER, SANITATION AND SOLID WASTE PROJECTS IN COLOMBIA

## PROJECT 6



**NAME:** Wastewater Treatment Plant – WWTP



**LOCATION:** Neiva, Huila



**TYPE:**



Water



Sanitation



Solid Waste



**PEOPLE BENEFITED:**

620.954\*



**IMPACT:**

Contributes 2.11 percentage points to the national percentage of wastewater treatment. Treatment flow at the beginning of the operation: 1279 L/s.

## INVESTMENT



**COLOMBIAN PESO (COP):**

215.000.000.000\*



**US DOLLARS (USD):**

55.128.205\*



**STATUS:**

Structuring and in search of funding



**CONTRACTOR:**

Municipality and Local Public Utility Company



**TYPE:**



Public-Private Partnership



Work Concession



Public Construction



# WATER, SANITATION AND SOLID WASTE PROJECTS IN COLOMBIA

## PROJECT 7



**NAME:** Wastewater Treatment Plant – WWTP



**LOCATION:** Duitama, Boyacá



**TYPE:**



Water



Sanitation



Solid Waste



**PEOPLE BENEFITED:**

172.943\*



**IMPACT:**

Contributes 0.45 percentage points to the national percentage of wastewater treatment. Treatment flow at the beginning of the operation: 340 L/s.

## INVESTMENT



**COLOMBIAN PESO (COP):**

91.000.000.000\*



**US DOLLARS (USD):**

23.333.333\*



**STATUS:**

Structuring and in search of funding



**CONTRACTOR:**

Municipality and Local Public Utility Company



**TYPE:**



Public-Private Partnership



Work Concession



Public Construction





# WATER, SANITATION AND SOLID WASTE PROJECTS IN COLOMBIA

## PROJECT 8



**NAME:** Optimization of the Wastewater Treatment Plant – WWTP - in the Santa Marta Sector



**LOCATION:** Facatativá, Cundinamarca



**TYPE:**



Water



Sanitation



Solid Waste



**PEOPLE BENEFITED:**

155.978



**IMPACT:**

Guarantees sanitation services for more than 150,000 inhabitants. The project benefits users downstream of the discharge point where an irrigation district is located.

## INVESTMENT



**COLOMBIAN PESO (COP):**

62.250.176.947



**US DOLLARS (USD):**

15.961.584\*



**STATUS:**

In search of Funding



**CONTRACTOR:**

Local Public Utility Company



**TYPE:**



Public-Private Partnership



Work Concession



Public Construction



# WATER, SANITATION AND SOLID WASTE PROJECTS IN COLOMBIA

## PROJECT 9



**NAME:** Optimization and expansion of the Aqueduct System



**LOCATION:** Tumaco, Nariño



**TYPE:**



Water



Sanitation



Solid Waste



**PEOPLE BENEFITED:**

133.121



**IMPACT:**

Increases the capacity of the Water Treatment Plant from 274 l/s to 582 l/s, improving the continuity of the aqueduct service and the quality of the water.

## INVESTMENT



**COLOMBIAN PESO (COP):**

40.726.756.104



**US DOLLARS (USD):**

10.442.758\*



**STATUS:**

In search of Funding



**CONTRACTOR:**

Municipality



**TYPE:**



Public-Private Partnership



Work Concession



Public Construction

\*Estimated



# WATER, SANITATION AND SOLID WASTE PROJECTS IN COLOMBIA

## PROJECT 10



**NAME:** Construction of the Santa Monica Trunk Sewer



**LOCATION:** Pasto, Nariño



**TYPE:**



Water



Sanitation



Solid Waste



**PEOPLE BENEFITED:**

43.990



**IMPACT:**

Benefits more than 40,000 inhabitants of communes 3 and 4, and 5,173 inhabitants of the district of Mocondino with sanitation services.

## INVESTMENT



**COLOMBIAN PESO (COP):**

29.363.170.183



**US DOLLARS (USD):**

7.529.018\*



**STATUS:**

In search of Funding



**CONTRACTOR:**

Local Public Utility Company



**TYPE:**



Public-Private Partnership



Work Concession



Public Construction

\*Estimated



# WATER, SANITATION AND SOLID WASTE PROJECTS IN COLOMBIA

## PROJECT 11



**NAME:** Optimization and construction of the Sludge Treatment for the Water Treatment Plant- WTP



**LOCATION:** Barrancabermeja, Santander



**TYPE:**



Water



Sanitation



Solid Waste



**PEOPLE BENEFITED:**

321.136



**IMPACT:**

Mitigates contamination in the "Ciénaga San Silvestre", a key environmental asset of the area.

## INVESTMENT



**COLOMBIAN PESO (COP):**

23.309.700.105



**US DOLLARS (USD):**

5.976.846\*



**STATUS:**

In search of Funding



**CONTRACTOR:**

Local Public Utility Company



**TYPE:**



Public-Private Partnership



Work Concession



Public Construction

\*Estimated



# WATER, SANITATION AND SOLID WASTE PROJECTS IN COLOMBIA

## PROJECT 12



**NAME:** Construction of sanitation networks in different neighborhoods of the municipality



**LOCATION:** Soledad, Atlántico



**TYPE:**



Water



Sanitation



Solid Waste



**PEOPLE BENEFITED:**

19.573



**IMPACT:**

Improves access to sanitation services for inhabitants of different neighborhoods in the urban area of the municipality.

## INVESTMENT



**COLOMBIAN PESO (COP):**

22.198.963.894



**US DOLLARS (USD):**

5.692.042\*



**STATUS:**

In search of funding



**CONTRACTOR:**

Local Public Utility Company



**TYPE:**



Public-Private Partnership



Work Concession



Public Construction

\*Estimated



# WATER, SANITATION AND SOLID WASTE PROJECTS IN COLOMBIA

## PROJECT 13



**NAME:** Optimization of the Sanitation System



**LOCATION:** Sincé, Sucre



**TYPE:**



Water



Sanitation



Solid Waste



**PEOPLE BENEFITED:**

23.390



**IMPACT:**

Eliminates water waste discharges to guarantee basic sanitation for the entire urban population of the municipality of Sincé.

## INVESTMENT



**COLOMBIAN PESO (COP):**

16.206.480.457



**US DOLLARS (USD):**

4.155.508\*



**STATUS:**

In search of Funding



**CONTRACTOR:**

Municipality



**TYPE:**



Public-Private Partnership



Work Concession



Public Construction

\*Estimated



# WATER, SANITATION AND SOLID WASTE PROJECTS IN COLOMBIA

## PROJECT 14



**NAME:** Optimization of the Aqueduct System



**LOCATION:** Entrerrios, Antioquia



**TYPE:**



Water



Sanitation



Solid Waste



**PEOPLE BENEFITED:**

6.202



**IMPACT:**

Ensures 24 hours of continuity and full coverage of water services for the urban population of the municipality of Entrerrios.

## INVESTMENT



**COLOMBIAN PESO (COP):**

14.383.218.363



**US DOLLARS (USD):**

3.688.005\*



**STATUS:**

In search of Funding



**CONTRACTOR:**

Municipality



**TYPE:**



Public-Private Partnership



Work Concession



Public Construction

\*Estimated



# WATER, SANITATION AND SOLID WASTE PROJECTS IN COLOMBIA

## PROJECT 15



**NAME:** Home sanitation units for rural housing – Phase I



**LOCATION:** Various municipalities, Cordoba



**TYPE:**



Water



Sanitation



Solid Waste



**PEOPLE BENEFITED:**

2.400



**IMPACT:**

Provides access to sanitation services to 492 rural homes, mitigating the adverse effects of waste water on water sources.

## INVESTMENT



**COLOMBIAN PESO (COP):**

10.260.171.510



**US DOLLARS (USD):**

2.630.813\*



**STATUS:**

In search of Funding



**CONTRACTOR:**

Municipality



**TYPE:**



Public-Private Partnership



Work Concession



Public Construction

\*Estimated





La vivienda y el agua  
son de todos

Minvivienda

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**COLOMBIA**   
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