

COLLECTIVE WATER MANAGEMENT IN THE TERRITORIES

El Agua Nos Une – SuizAgua América Latina

Protection of water through integral reforestation and education for the protection of the La García creek

ODS: 6.6
13

Objective: Protection and responsible use of water in the area of the La García dam through an integral process of sustainable management: reforestation and maintenance of native species and environmental education process "vigías del agua" with 20 young people from the San Felix Rural Educational Center, for the approval of the rational use and care of the available water resources in its territory.

Location: Corregimiento de San Félix localizado en el municipio de Bello (departamento de Antioquia) en la microcuenca Quebrada la García.
Latitud: 6.362893, Longitud: -75.606089 (represa La García)

Update: December 2018

Results: The expected results are:

- Diversify the forest species sown in the work areas.
- Store CO2 emissions.
- Promote the participation of the community in the project.
- The results achieved in 2018 are:

As a result of the implementation of the Vigías del Agua program, 20 students from the San Felix Educational Institution designed 5 related projects with water management, which will be implemented in the short term.

Articulation of diverse actors in the development of the Vigías del Agua program that will allow their sustainability over time.

Fabricato is committed to continue with the "Vigías del Agua" program in 2019.

Company



Institutions

Corantioquia
Municipio de Bello
Secretaría de Medio Ambiente del
Municipio de Bello - Antioquia
Universidad Nacional Sede Medellín
Acueducto Agua Linda
Acueducto Aveza

Implementer



ProAburrá Norte

Community Actors

Centro Educativo Rural San Félix
Guardabosques Líderes Comunitarios San Félix
Junta Administradora Local San Felix
Junta de Acción Comunal de San Félix

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Description:

Component A

Reforestation program and protection of vegetation cover.

- Forest inventory of the La García dam area.
- Optimization study of CO2 capture and vulnerability of the area.
- Implementation of the management plan for the forest plantation.
- Monitoring the La García stream.

Component B

Environmental education program "Vigías del agua"

- Training in: water cycle, water problems in the municipality of Bello, water protection and saving.
- Formulation of the project by the students of the educational institution.
- Accompaniment to the development of projects.
- Tour around the La García water source.

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Articulation process:

Environmental education program "Vigías del Agua" is developed in partnership with ProAburrá Norte. The program was presented to the San Felix IE and disseminated to the entire educational community. A work plan was created that is being carried out month by month, with the participation of 20 students defined for the formation and elaboration of community impact projects.

ProAburrá Norte executes the project and carries out the articulation with entities such as Corantioquia and the municipality of Bello, who accompany the work sessions established according to the schedule and needs.



Context:

The Fabricato operation requires a significant quantity of energy, which is why it decided to produce it through the operation of the La García dam, located about 3 kilometers north of San Felix, in the municipality of Bello.

The dam is surrounded by an area of patula pine forest, eucalyptus and native species of the region in an area of 300 ha that belong to the company. Its conservation guarantees the availability of water not only for Fabricato but also for the ecosystem that surrounds it, taking care of the flora and fauna of the area and maintaining the necessary characteristics for its conservation.



Invest :

- The company contributes \$ 108,140,400



Sustainability:

- The reforestation and plant cover protection program is being executed as part of the commitment to preserve the area and is part of the company's integral management. The environmental education program "Vigías del Agua" starts this year and its continuity will be evaluated at the end of 2018.