

¡Hola!

Todo está conectado

y todo lo conectamos con la energía que quieres



Evolution of the SDGs

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Content

- 1.Context
- 2.Evolution of the SDGs



Context

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Introduction



The Sustainable Development Goals (SDGs) are a call to action for all countries to promote

prosperity while protecting the planet through strategies that foster **economic**



growth and address a range of social **needs**, such as education, health, social protection



and employment **opportunities**, while addressing climate change and environmental

protection. environment.



Milestones

- 189 countries have signed the declaration of the eight Millennium Development Goals (MDGs).
- At Rio+20, the member states of the United Nations (UN) agreed to design the post-2015 development agenda.
- The MDGs were finalized, and the 2030 Agenda was established.
- The 2030 Agenda for Sustainable Development came into force with 17 goals with 169 targets.
- The World Bank presented for the first time the Atlas of the SDGs to illustrate countries' progress in achieving them.



- We established our sustainability model.
- We defined our mega, strategy and culture.
- We prioritized 7 SDGs.
- Communicating our contribution to the SDGs.

Milestones

2015

2016

- Celsia's strategy for the 2015-2025 period prioritizes the diversification of products and services with low-carbon technologies and processes; growth in the number of customers; and segmentation in homes, cities and companies to offer differentiated and tailored portfolios.
- In 2016, taking different national and international frameworks as a reference and following our organizational culture, we transformed our sustainability model into a policy.
- ReverdeC is born, a watershed restoration project whose purpose is to plant native trees in the protection zones of water sources.



Milestones

- Globally in 2018, 108 countries had national policies related to sustainable consumption and production



2018



- Colombia ranks 9th in the SDG Index for Latin America and the Caribbean 2019, with a score of 64.78. This measures compliance with the SDGs on a scale where 100 is the best result.



2019



- COVID-19 in the SDGs represents a significant increase in poverty and hunger in the pandemic period and long-term negative consequences.



2020



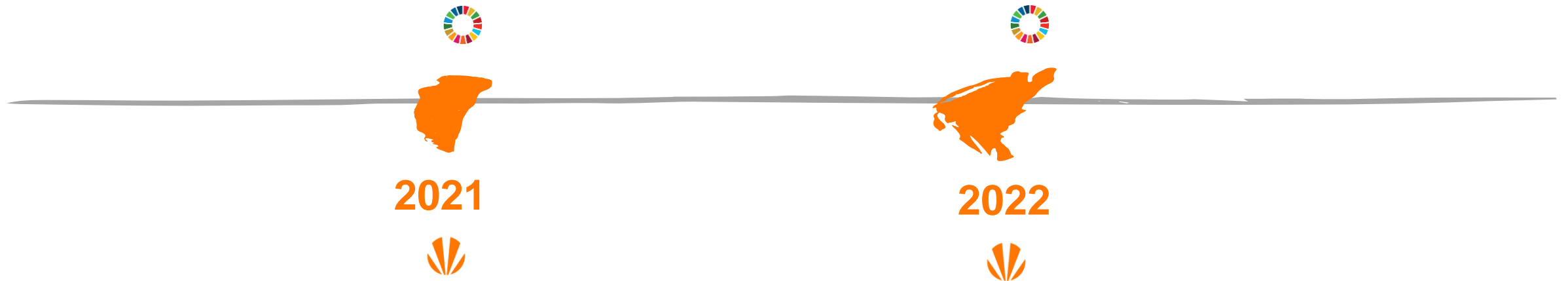
- We participated in workshops and benchmarking forums to understand and apply this initiative internally. We reviewed the methodologies for reporting progress and the company's contribution to each SDG.
- We updated our [Sustainability Policy](#), and Celsia PermaneC was born

- ReverdeC: first place in the program "Significant Experiences in Environmental and Social Management in the Mining and Energy Sector" in the category SDG 15 Life of Terrestrial Ecosystems of the Ministry of Mines and Energy in 2020.
- Participation in the development of the WBCSD SDG implementation guide in the electricity sector, with the inclusion of two cases: Yo Elijo Cuidarme and Celsia Solar Yumbo.

Milestones

- COP26, the UN conference on climate change, which plays a crucial role in the fulfillment of many of the SDGs, took place.

- 2022 progress against the SDGs is reported:
<https://unstats.un.org/sdgs/report/2022/>



- We began the process of updating our corporate environmental goals based on the SDGs prioritized in the company: 6, 7, 13 and 15.

- We obtained Carbon Neutral certification from Icontec by offsetting 100% of our emissions and having an emissions reduction strategy.
- In 2022 we created the ReverdeC Foundation to continue promoting socio-environmental processes of participatory ecological restoration in various ecosystems, generating a positive impact on biodiversity and the social fabric.



Prioritization of SDGs at Celsia

This prioritization was carried out based on a detailed analysis of each of the SDGs to identify those to which we contribute directly, being consistent with this global call made by the UN.

Based on our reality, context and business approach, with this exercise we were able to determine that we currently contribute to the following seven SDGs:





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Empresa de energía del  GRUPO ARGOS

Progress on the SDGs


CELSIA

Quality education

Ensure inclusive, equitable and quality education and promote lifelong learning opportunities for all.

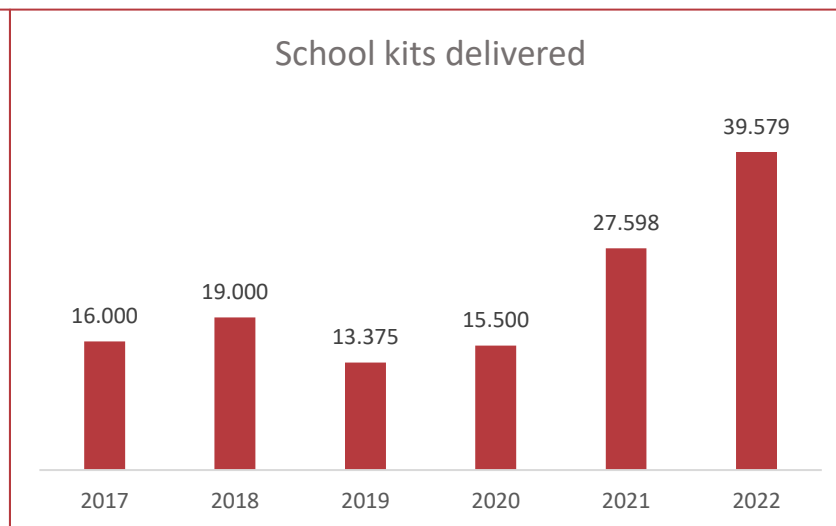
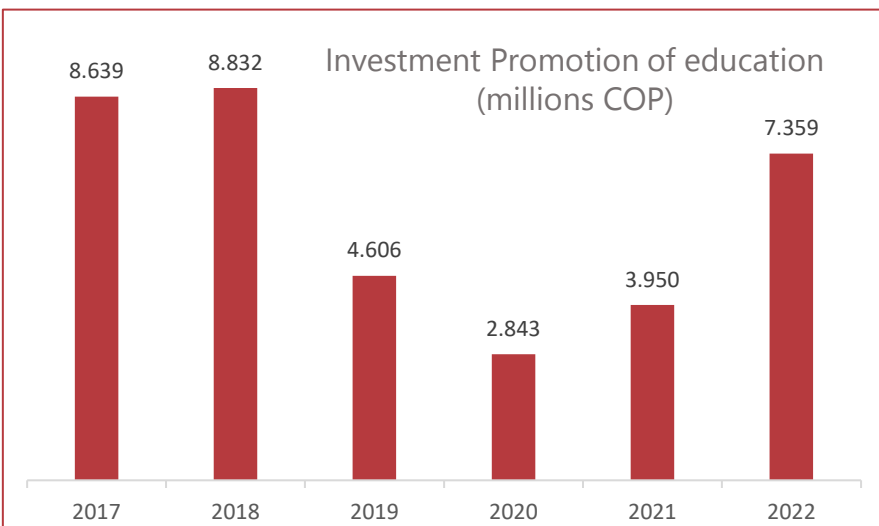
4 QUALITY EDUCATION



Goals to which we contribute :

- Ensure that all girls and boys complete primary and secondary education, which should be free, equitable and of good quality.
- Build and adapt educational facilities that take into account the needs of children and people with disabilities.
- Increase the number of youth and adults who have the necessary skills, particularly technical and vocational skills, to access employment, decent work and entrepreneurship.

We do our best to grow together with the communities.



Celsia, in addition to energy, also provides, from September 2019, internet service. This service is accompanied by a social commitment: public educational institutions, where the company's fiber optic passes through, will have free internet service.

By 2022, these are our figures
120 educational institutions
benefited 66,884 students impacted

The decrease in 2019 is due to the fact that we joined efforts to multiply our impact: merger of Fundación Celsia with Fundación Grupo Argos. In 2020, the pandemic affected the development of the activities that were being carried out due to the virtuality, which led to the redistribution of resources to provide attention to the emergency and support in health issues.

Quality education

Ensure inclusive, equitable and quality education and promote lifelong learning opportunities for all.

We carry out actions to improve the quality of education in our areas of influence, with school infrastructure projects and and develop teachers' knowledge.

We contribute to the quality of education, improving schools in **energy and water** and training teachers to strengthen their **skills**. With all this, the company stimulates local **economic development**, which in turn promotes greater demand for energy and strengthens community relations.



Clean water and sanitation

Ensure availability and sustainable management of water and sanitation for all.



Goals to which we contribute:

- Increase the efficient use of water resources in all sectors and ensure the sustainability of freshwater extraction and supply to address water scarcity.
- Protect and restore water-related ecosystems.

We are agile and reliable using natural resources

We collect water from surface sources (lakes, rivers, among others), municipal aqueducts and subway sources.



NOTE:

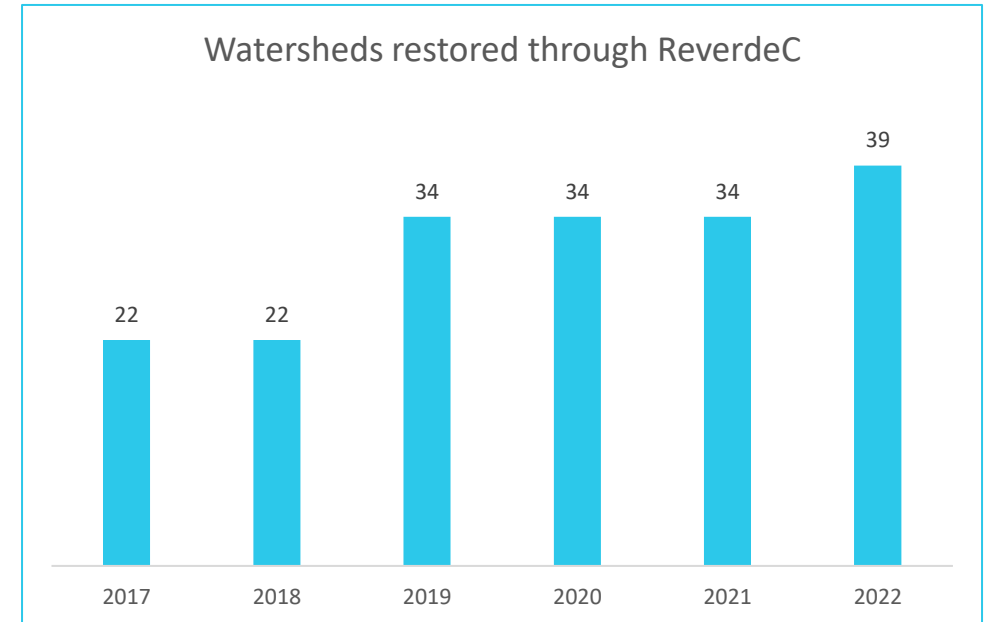
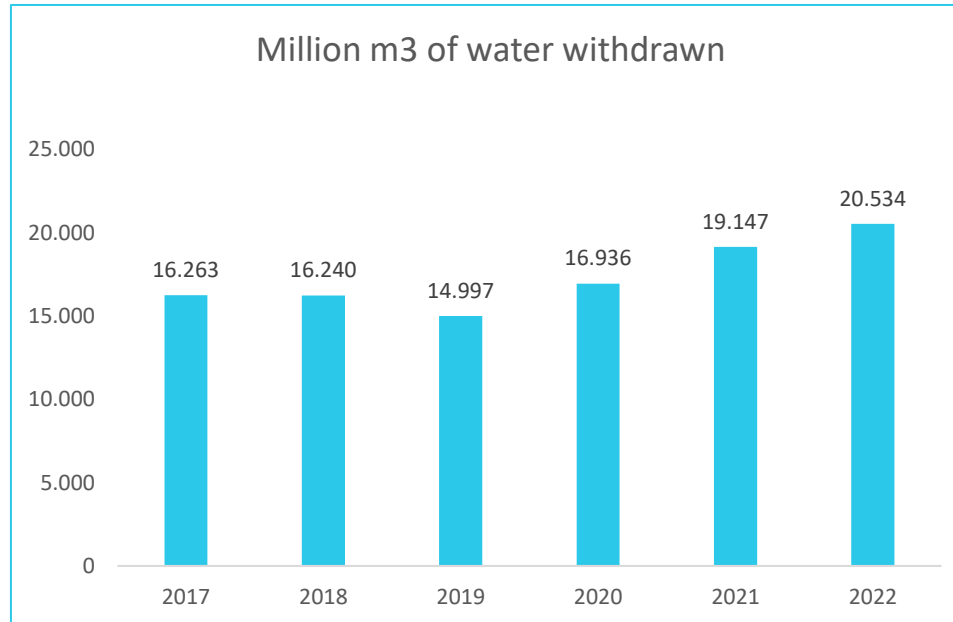
Water collected

–

Water returned to the source of extraction

=

Water consumption



Clean water and sanitation

Ensure availability and sustainable management of water and sanitation for all.

Water consumption

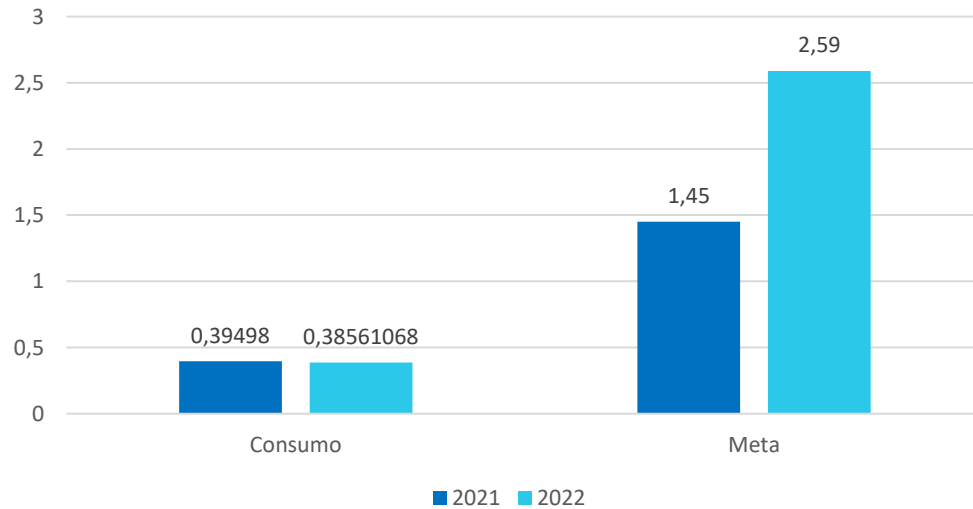
2022: 0,3856 MMm3

Water consumption target

2022: 2,59 MMm3

Our water consumption was 73% lower than our target.

Target vs. Consumption



Central Hidroeléctrica Calma
Calima, Valle del Cauca

Note: Hydropower generation does not consume water, while other generation technologies do not use this resource.

Affordable and non-polluting energy

Ensuring access to affordable, safe, sustainable and modern energy



Goals to which we contribute: .

- Expand infrastructure and improve technology to provide modern and sustainable energy services.
- Increasing the share of renewable energy in the energy mix

We promote the efficient use of and access to energy in the countries where we operate through expansions, new electrification and the construction of new projects.

We generate the energy you want with renewable energy sources.

Our good energy comes from water, sun and wind, with thermal backup.

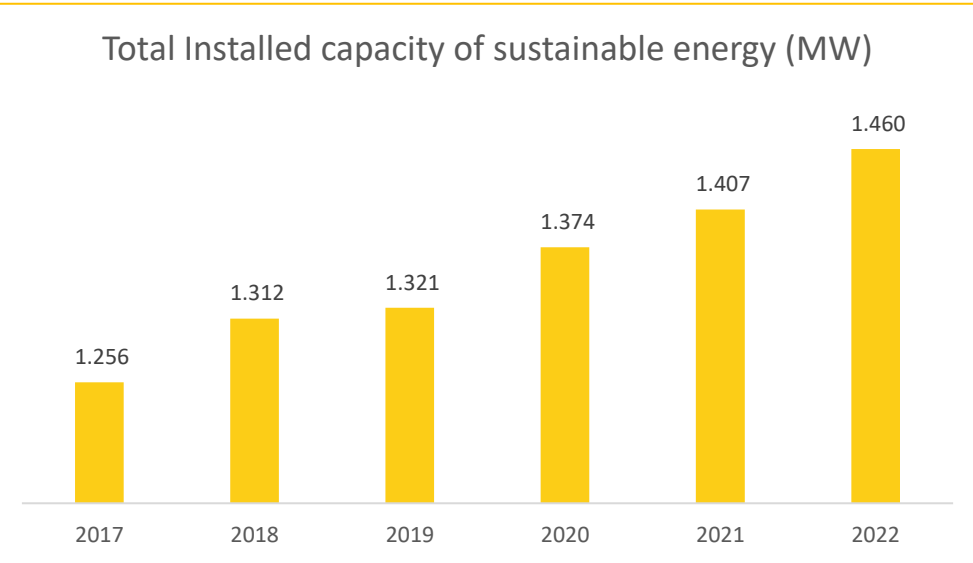
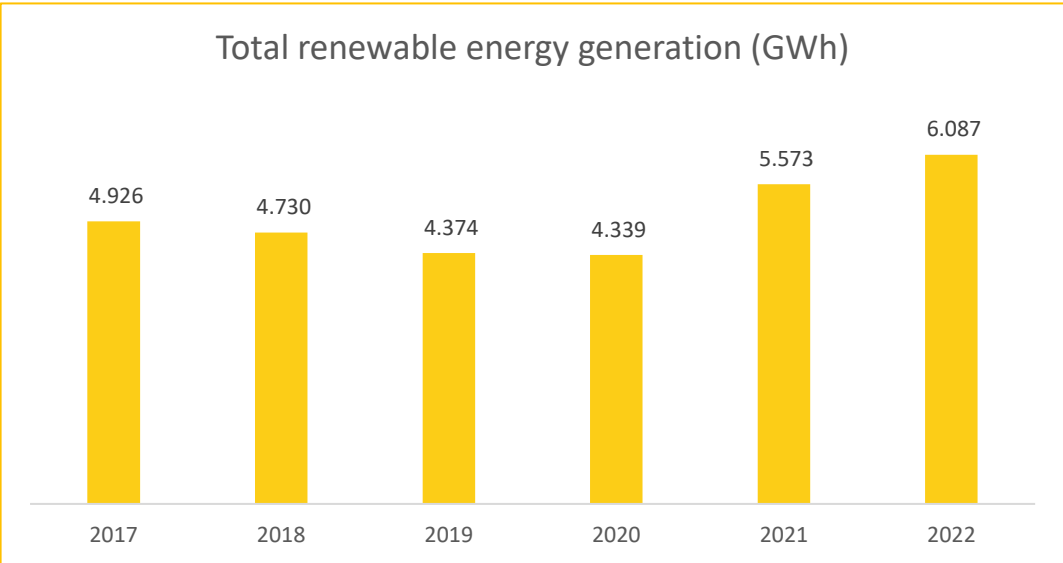
22
Water power plants

1
Wind power plant

10
Solar farms installed and operating

781
Solar roofs

19
Solar Floors





96% of our generated energy comes from renewable sources, **7%** from non-conventional renewable sources (wind and solar) and **89%** from conventional renewable sources (hydro). Thermal energy is equivalent to **4%** of our generated energy.

Innovation and infrastructure

Building resilient infrastructure, promoting sustainable industrialization and foster innovation



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

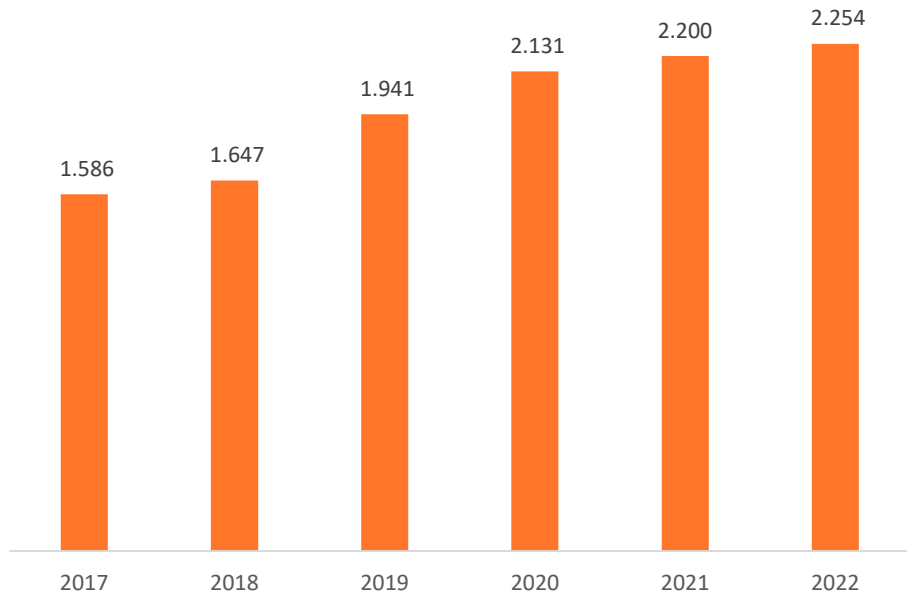


Goals to which we contribute :

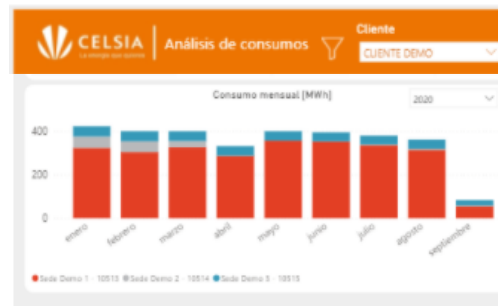
- Modernize infrastructure and convert industries to make them sustainable, using resources more efficiently and promoting the adoption of clean and environmentally sound technologies and industrial processes.
- Significantly increase the industry's contribution to employment and gross national product.

We dare to be different by transforming the sector

Number of collaborators



We developed a diagnostic platform to explain to our customers their energy consumption, identify inefficiencies in their production chain and feel accompanied in the permanent monitoring of their critical variables.



We offer a portfolio that enables customers to be efficient in their energy consumption.

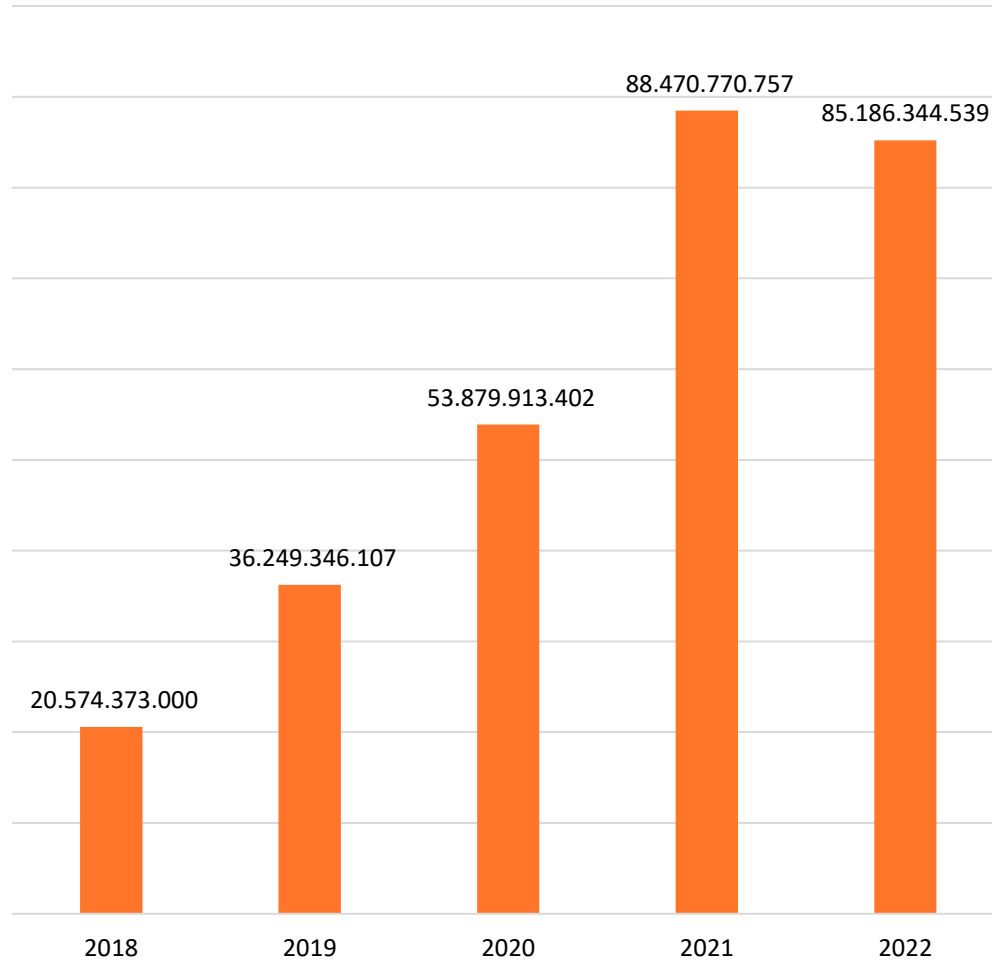
Efficient LED lighting
Thermal districts

We have **113,373** smart meters installed and operating.



We dare to be different by transforming the sector

Investmet i+D



Innovation is in the DNA and culture of Celsia, it is a transversal axis of the organization and is implicit in our cultural pillars "We dare to be different" and "We are agile and reliable".

It allows us to generate new business models and be flexible when it comes to finding a solution that adapts to our customers, allowing us to better manage our assets to contribute substantially to the diversification of the country's energy matrix and present innovative solutions that have a positive impact on all our stakeholders.

With this conviction, the company has emerged and has positioned itself in recent years, initiatives leveraged on new interdisciplinary work teams such as: Hydrogen, simplification, Digital Network 2.0, Enerbit, CDAG, etc.

11 SUSTAINABLE CITIES AND COMMUNITIES

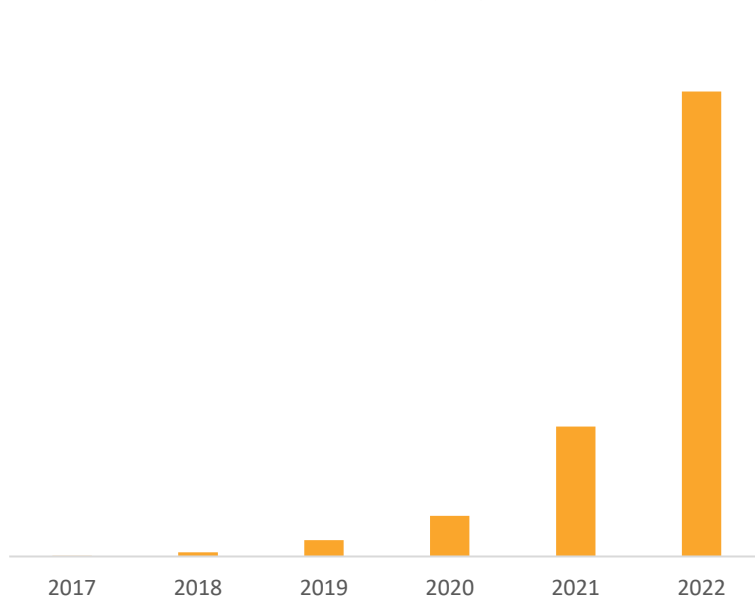


Goals to which we contribute:

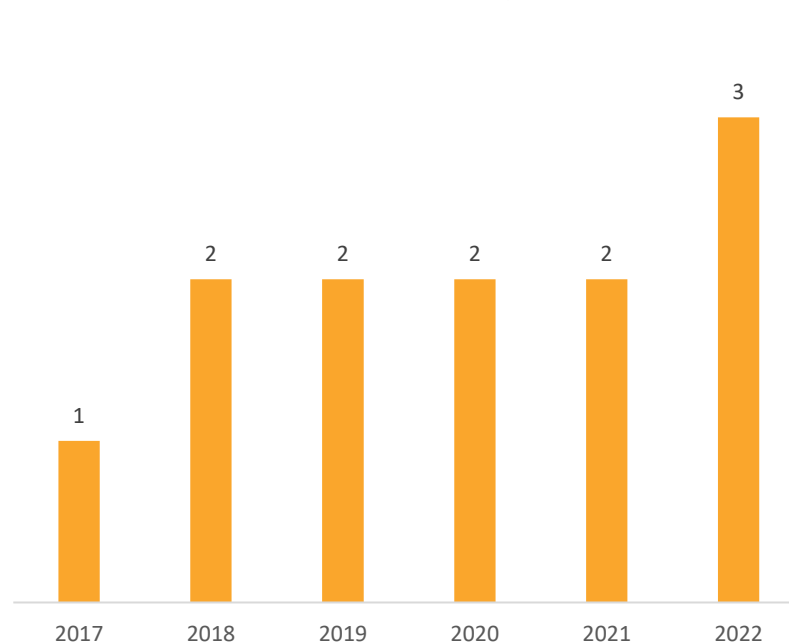
- Reduce the negative per capita environmental impact of cities.
- Support positive economic, social and environmental management in urban, peri-urban and rural areas by strengthening national and regional development planning.
- Reducing the negative per capita environmental impact of cities, paying special attention to air quality and municipal and other waste management

We enjoy making life easier

Charging stations for electric vehicles
(slow charging)



Thermal districts in operation



+ COP 1.2 mill

Customers receiving our good energy in
2021

enerBit continues to grow, a 100% digital experience that allows users to choose their energy plan from an application, know their consumption hour by hour and consult or pay their bill at a click. With savings plans (fijaBit and dinaBit): simple and without complicated terms.

Customers can choose the one that generates the most savings, through the enerBit APP, taking into account the behavior of their consumption, and can also change it every month.

Sustainable cities and communities

Making cities more inclusive, safe, resilient and sustainable



We continue to improve the quality and reliability of service and guarantee energy, thanks to our investment plan.

VALLE

In 2022, \$357,000 million were invested in networks and substations to guarantee energy service in Valle del Cauca and meet the growth of the region.

- Five new 34.5/13.2 kV substations were built in Buenaventura, Dagua, Jamundí, Restrepo and Tuluá; and 14 others were improved, including Tabor and El Pailón (Buenaventura), Juanchito (Candelaria), Darién, Yotoco and Alférez II (Jamundí).
- In addition, 257 kilometers of distribution networks were built and 555 transformers were installed, among other actions.

TOLIMA

- In 2022 Celsia built and put into operation two new substations in Tolima: Cajamarca and El Espinal. The Cajamarca substation is the first digital substation in the department, i.e. it has less control and protection wiring, replacing kilometers of copper with fiber optics. The total investment in both substations amounts to 81,000 million.



Climate action

Adopt urgent measures to combat climate change and its effects.

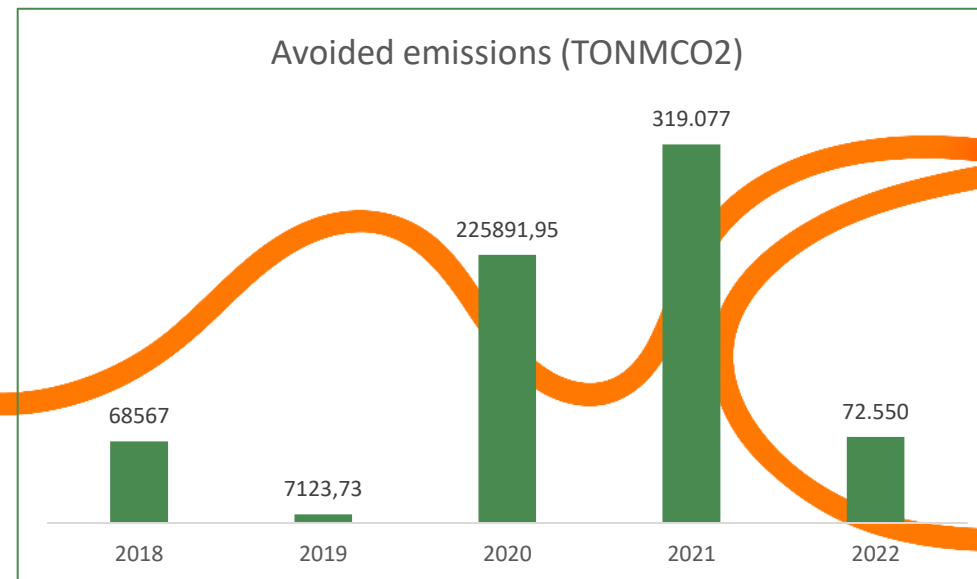
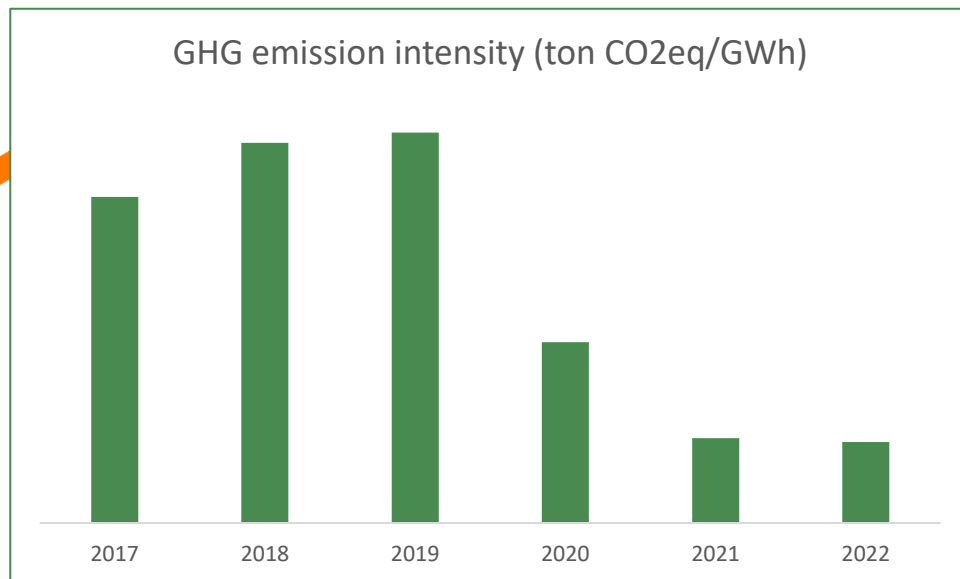
13 CLIMATE ACTION



Goals to which we contribute:

- Incorporate climate change measures into national policies, strategies and plans.
- Strengthen resilience and adaptive capacity to climate-related risks.

We know that mobilizing doesn't have to hurt the planet



¡Guau! Festejemos que más aves pueden volar



- Redujimos las emisiones de CO₂
- Aceleramos el uso de energías renovables.
- Compensamos por completo nuestra huella de carbono.



Life of terrestrial ecosystems

Sustainably managing forests, combating desertification, halting and reversing land degradation, halting biodiversity loss, etc.



Goals to which we contribute

- Ensure the conservation, restoration and sustainable use of terrestrial and inland freshwater ecosystems and the services they provide.
- Promote sustainable management of all types of forests, halt deforestation, restore degraded forests, and increase afforestation and reforestation globally.

We are committed to going the extra mile

Environmental Investment in 2021:

COP 46.223 mil

100% of our facilities are assessed and mapped for biodiversity.

We monitor the fauna present in our areas of direct influence and carry out careful work for their preservation, proceeding with their rescue and relocation if necessary.

We contributed to the knowledge of biodiversity with two new species of orchids discovered in one of our properties in Valle del Cauca, Colombia, a finding that was published in the Harvard Papers in Botany (HPB) of Harvard University. The orchids were named **Epidendrum calimaense** and **Epidendrum celsiae**, in tribute to the place where they were found and to Celsia



Life of terrestrial ecosystems

Sustainably managing forests, combating desertification, halting and reversing land degradation, halting biodiversity loss, etc.



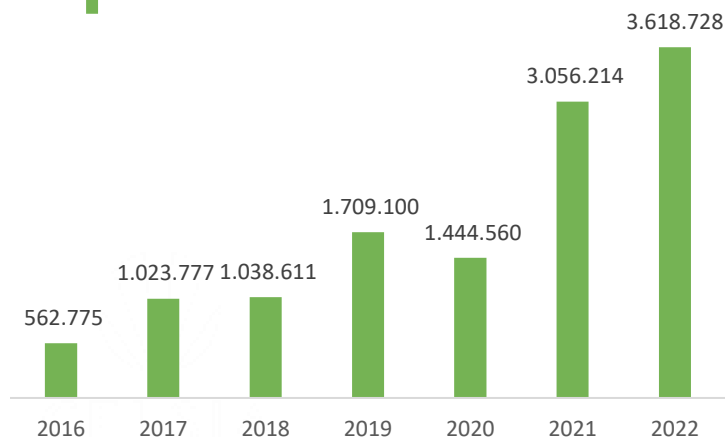
ReverdeC

Plant ten million trees in ten years, between 2016 and 2026, to increase forest cover and ecological restoration of watersheds (many supply municipal and rural aqueducts in Valle del Cauca, Antioquia and Tolima).



12,4 millions

accumulated trees planted



6.191 Ha

Accumulated hectares established

300

Species planted

10 species are in a threatened category in our country



41

Municipalities (Cities) have been intervened in the departments of Valle, Antioquia and Tolima.

74

Community meetings and dialogues

39

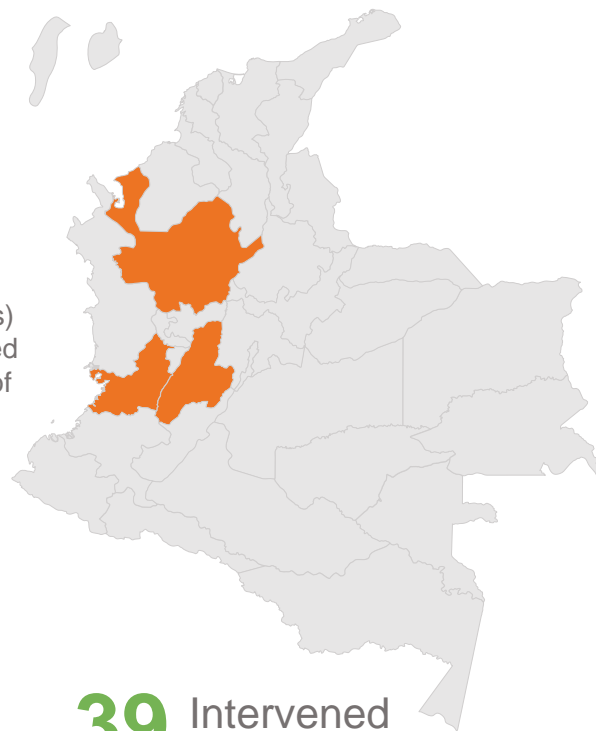
Intervened watersheds

24

Allies

100%

of labor and suppliers are LOCAL.



In 2022, the ReverdeC Foundation was born to continue growing and achieving the purpose of the program.

**# A great
place to
work**