Todos Al Agua
Supply Chains

Todos al Agua is supporting 11,751 families across 31 supply chains, with different type of interventions according to their own needs. In 2022 USD 1.6M was invested to support these communities. This year marked significant growth in our efforts in this action line, particularly in Colombia and Honduras, where new supply chains were integrated.

Colombia
8,139 families
16 supply chains

Nicaragua
531 families
2 supply chains

Brazil
117 producers
1 supply chains

Honduras
2365 families
7 supply chains

Peru
599 families
4 supply chains

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TODOS AL AGUA
COLOMBIA + PERU

Regenerative Ecosystems

Todos al Agua signifies our corporate commitment to guide coffee communities in transforming their farms into regenerative agricultural ecosystems, ensuring sustainable coffee production while promoting soil health and biodiversity.

Our engagement with Todos al Agua commenced in 2017, and since then, the program has made significant strides, particularly in empowering communities to safeguard their territories, reinforcing forest protection, and enhancing soil quality through cover crops and improved fertilizer management, all while prioritizing water conservation.

In 2022, RGC dedicated efforts to measuring the carbon footprint within our primary supply chains and at the corporate level, laying the groundwork for a comprehensive decarbonization plan set for 2023.

Additionally, we expanded our network of communities working toward coffee cultivation systems that bolster family incomes and nurture ecosystems. This expansion includes the inclusion of three new groups in Honduras and two new groups in Colombia.

SUSTAINABLE SOURCING MODEL

TODOS AL AGUA

Community is the central pillar to the project's strategy and therefore every activity offered by Todos al Agua is developed and implemented together with the farmers and their family members to best ensure long-term adoption and success.

Impact Strategy

Water

Restoring and protecting water sources, while promoting and investing in water saving strategies.

Forest

Promoting reforestation, protecting natural ecosystems, and transitioning farms towards agroforestry.

Soil

Rebuilding and restoring soil health to foster regenerative agricultural practices.

Carbon

Measuring and managing greenhouse gas emissions to promote climate-friendly supply chains.

Biodiversity

Todos al agua will pilot a Biodiversity management plan with a community in Mistrato, Risaralda Colombia. Lessons learned will serve to scale solutions in other Todos al agua supply chains.

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Project Milestones - 2022

2022 was a very important year for Todos al Agua with four major milestones:

1. Todos al Agua added one of the most important coffee producing origins to support sustainable development, Honduras.

RGC initiated a collaborative multi-stakeholder project involving RGC, GIZ, Lurvin Ventura, Cafico, Inloher, and Technoserve (MOCCA).

The Objective: Create value for the livelihoods of coffee-growing families in the 'Cacique Lempira Señor de Las Montañas' Biosphere Reserve in Honduras through carbon footprint management.

Coffee Region: Ocotepeque, Copan, Lempira in Western Honduras, including Montaña de Celaque National Park.

Cacique Lempira was declared a Biosphere Reserve by UNESCO in 2015.

Beneficiaries: 1,150 people.

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Sustainable Development Goals

SDG6 – Clean Water and Sanitation

SDG13 – Climate Action

SDG15 – Life on Land

Awards and Recognitions

Coffee, Forest & Climate Agreement, an alliance between public and private actors to promote climate initiatives in Colombian value chains.

Carbon Neutrality Alliance – RGC, along with 100 first-mover companies, signed an agreement with the Colombian Government in 2021 to support the country achieve a carbon neutral economy.

The Colombia Chapter Todos al Agua, was awarded **The Global Compact Colombia Recognition 2022** for its contribution to United Nations SDG #13 for its Good Practices in Sustainable Development.

TODOS AL AGUA

Project Milestones - 2022

Biosphere reserves, as defined by UNESCO, serve as 'learning places for sustainable development,' where activities are implemented to strike a balance between conserving biodiversity, fostering community development, and contributing to climate change mitigation and adaptation

The CACIQUE LEMPIRA BIOSPHERE RESERVE holds immense significance for coffee communities. Nearly 50% of the territory comprises natural forests, while 18% is dedicated to coffee, and 27% is allocated for fields, grasslands, and other crops.

Key threats to this ecosystem include wildfires, pest infestations, and the conversion of forests into agricultural lands. Long-term collaborative programs are essential to assist communities in their conservation and sustainability endeavors.

2. We have expanded our efforts to a new region in Colombia—Risaralda. This coffee-growing region boasts significant ecological importance due to its proximity to two protected areas, La Cristalina and Cuchilla del San Juan. Consequently, our landscape regeneration initiatives align with regional objectives for landscape and biodiversity protection.

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TODOS AL AGUA

Project Milestones - 2022

3. The Colombia Chapter of Todos al Agua received the Global Compact Colombia Recognition 2022 for its outstanding contributions to United Nations Sustainable Development Goal #13 and its commendable practices in sustainable development.

4. RGC has made significant progress toward measuring its carbon footprint:
4.1. Colombia: Carbon footprint measurements were conducted in three key regions—Risaralda, Antioquia, and Huila. This data, combined with the measurements from Caldas in 2021, forms the foundation for our work in managing the carbon footprint in 2023 and beyond.

4.2 Honduras: Carbon footprint measurements encompassed all supply chains in Honduras, situated in Ocotepeque, Copan, and Lempira departments. These findings will guide our sustainability efforts in Honduras for 2023 and beyond.

4.3 RGC also conducted a corporate carbon footprint measurement for the years 2019 to 2022 in preparation for our decarbonization plan in 2023.

Furthermore, we achieved an annual **water savings of 17.9 million liters**, a 57% increase from 2021, thanks to infrastructure improvements in Caldas and Antioquia, Colombia.

TODOS AL AGUA

Impact and Achievements - 2022

6,700 firewood trees were planted, serving both as a deforestation mitigation measure and a sustainable source of wood for 215 eco-stoves distributed to families in Antioquia.

Additionally, **304 new composting systems** were installed to ensure proper composting of pulp waste, reducing GHG emissions, and enriching the soil with valuable nutrients for families in Antioquia.

We've also made strides in reforestation, with **24,913 native trees planted** to safeguard watersheds, adding to a total of 125,913 trees planted in our supply chain since 2019.

515 families gained access to safe water through the distribution of water filters.

725 farms underwent soil analysis to tailor their fertilization practices effectively.

We installed **306 wastewater treatment systems** to prevent future pollution and discharges into local watersheds.

A total of **9,845 individuals**, including producers, family members, and workers, participated in training sessions on regenerative agricultural practices.

6,217 farms have been third-party verified for adherence to sustainability standards.

We've trained 19 farmers in **native tree nursery management**, enhancing our commitment to reforestation.

Across 235 hectares, we're implementing cover crops to bolster **soil conservation** efforts.

133 pilot farms have been established as regional models, showcasing various practices such as informed fertilization, effective cover crop management, food security measures, and the implementation of Good Agricultural Practices (GAP).

4,900 farmers benefit from dedicated **technical support** delivered by our team of 18 agronomists.

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TODOS AL AGUA

Our Carbon Footprint Journey – Colombia and Honduras Supply Chains

As regenerative agriculture hinges on soil health, a pivotal carbon sink, our Todos al Agua initiative prioritized acquiring data on the carbon footprint of our main supply chains in Colombia and Honduras during 2022. This crucial effort, undertaken in collaboration with SOLIDARIDAD and employing the Cool Farm Tool methodology, enables us to track the impact of our regenerative agricultural practices on carbon footprint indicators.

In Colombia, we assessed a sample representing 1,400 farms spanning Antioquia, Risaralda, and Huila. The findings revealed an average emission of 3.18 kg of CO2 per kilogram of coffee parchment and 4.180 kg of CO2 per hectare.

Similarly, in Honduras, our evaluation encompassed a sample of 1,240 farms in Ocotepeque, Lempira, and Copan departments. Here, we observed an average emission of 1.92 kg of CO2 per kilogram of coffee parchment and 3.679 kg of CO2 per hectare.

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Colombia Supply Chains

Antioquia-Huila-Risaralda

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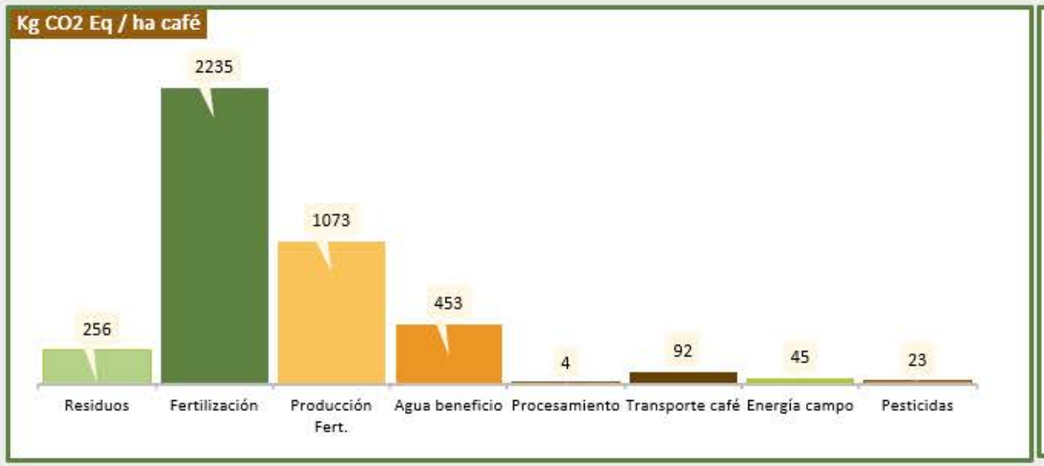
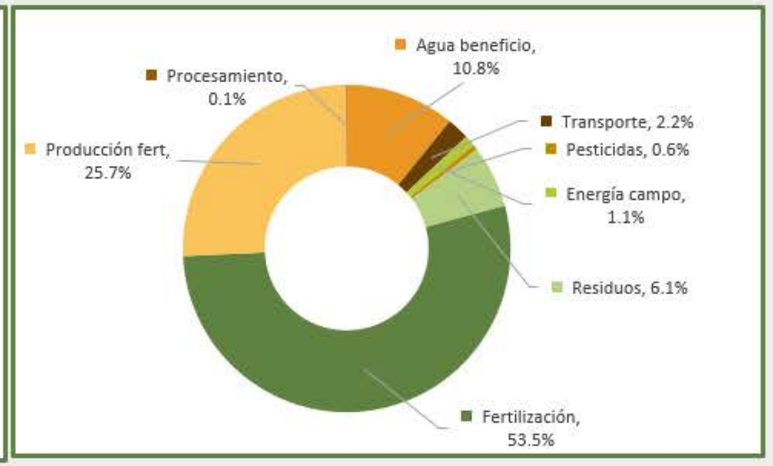
Productividad	Nutrientes / ha	Fertilizante / ha	Densidad sombrío	Área café	Densidad café	Kg CO_2 /kilo cps	Kg CO_2 /Ha	N° Fincas	Balance
1316	344	960	43	2.4	5454	3.18	4180	140	3071

Departamento

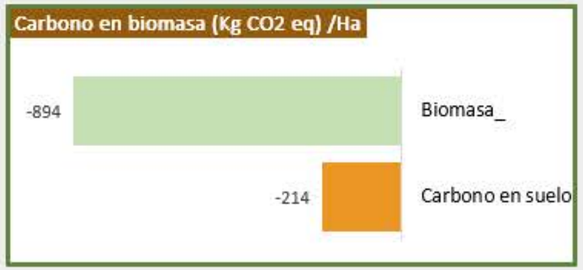
Antioquia | Huila | Risaralda

Kg CO2 Eq / ha café	
Residuos	256
Fertilización	2235
Producción Fert.	1073
Agua beneficio	453
Procesamiento	4
Transporte café	92
Energía campo	45
Pesticidas	23
Total	**4180**





Reservas de Carbono (Kg CO2 eq / ha)	
Carbono en suelo	-214
Biomasa_	-894



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Honduras Supply Chains Carbon Footprint

Ocotepeque-Lempira-Copan

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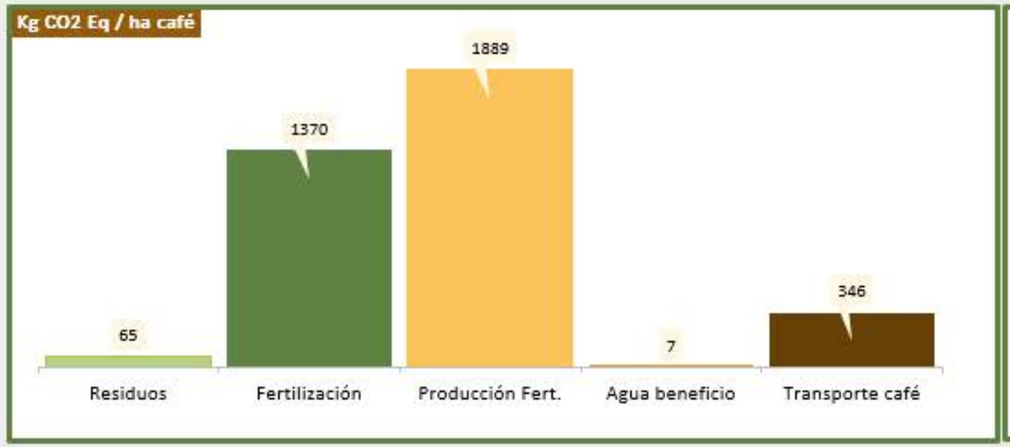
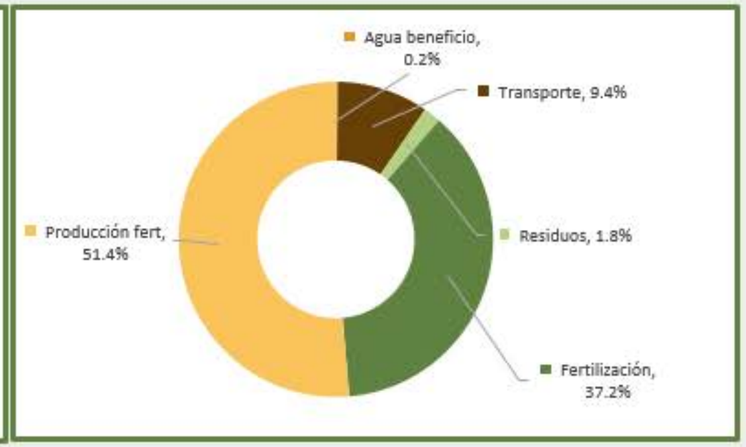
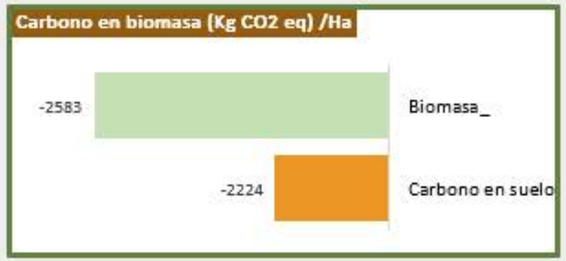
Productividad (kilos CPS / ha)	Nutrientes NPK (kilos / ha)	Fert. químico Kilos / ha	Densidad sombrío (árboles / ha)	Área café (ha)	N° Fincas	Kg CO_2 eq /kilo cps	Kg CO_2 eq /Ha	Balance Kg CO_2 eq /Ha
1912	141	194	66	5.7	124	1.92	3679	-1129

Kg CO2 Eq / ha café	
Residuos	65
Fertilización	1370
Producción Fert.	1889
Agua beneficio	7
Transporte café	346
Total	**3679**





Reservas de Carbono (Kg CO2 eq / ha)	
Carbono en suelo	-2224
Biomasa_	-2583



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Our corporate carbon footprint journey

In 2022, RGC took a significant stride toward addressing climate change by embarking on the journey of quantifying our corporate carbon footprint. This undertaking is a testament to our commitment to playing a constructive role in the fight against climate change and aligning with the emission reduction objectives of the countries in which we operate.

Our Greenhouse Gas (GHG) emissions inventory, or carbon footprint, is meticulously calculated in accordance with the GHG Protocol's standards. This comprehensive methodology allows us to measure our environmental impact, encompassing emissions arising from activities such as combustion processes, electricity generation, and waste management.

The inventory encompasses all scopes, including Scope I (direct emissions), Scope II (indirect emissions), and Scope III (other indirect emissions), across RGC Coffee Inc.'s operations from January 1, 2022, to December 31, 2022.

As we venture into 2023, our next crucial steps involve crafting a robust decarbonization plan and defining our Science-Based Target Initiative (SBTI) to further guide our climate action efforts.

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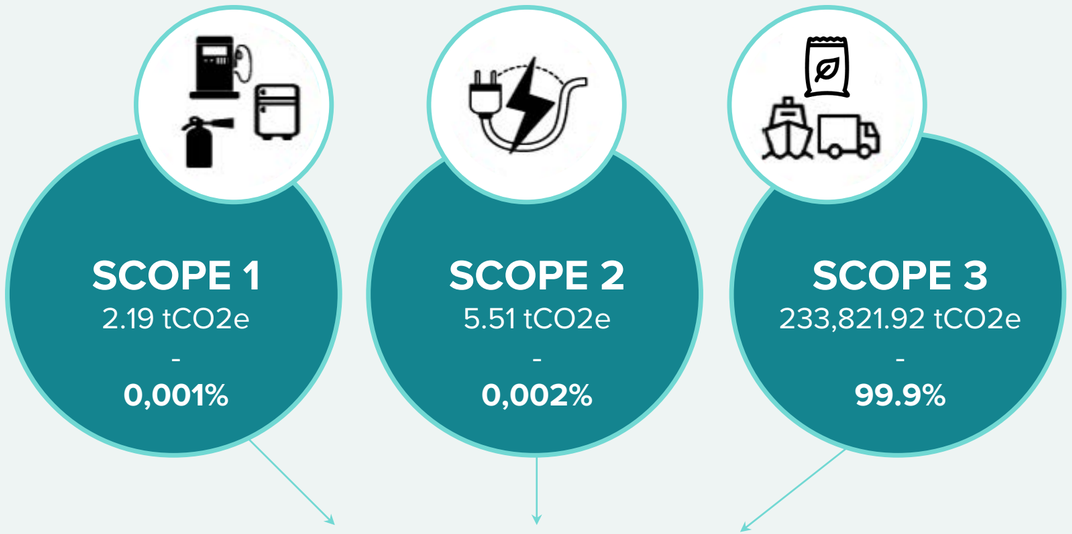
A staggering 99.9% of RGC's carbon footprint originates from our value chain, falling within the Scope 3 category. Ocean transportation contributes a modest 1.93%, while the lion's share, 98.06%, is attributed to coffee production."



YEAR 2022

RGC Coffee carbon footprint

-

233,829.52 tCO2e