



ALLCOT Annual Insights | 2023

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# Founder's letter

This year, we underwent a deep analysis of our company, the market, and the future of the industry.

2023 was a year of significant growth.

The most lenient will say that I am very mistaken with this statement, but it is not so, and I will explain why.

Crises refer to junctures, to difficult or complicated situations that involve analyzing the situation and usually lead to evolutions.

So, yes, despite having had a 'year of crisis' in carbon markets, which affected us all and didn't allow us to grow at the pace we were used to, it was a year of significant growth, many learnings, and maturation.

This year, we underwent a deep analysis of our company, the market, and the future of the industry, and we changed. We made difficult decisions with a challenging path ahead.

We became leaner and more efficient, we reconsidered our

business model, and we defined a unique value proposition for the market.

Today, we are a company with extensive experience, offering our clients comprehensive, high-impact, and long-term solutions to achieve NET ZERO.

Now, we offer the market what it needs: carbon projects with high integrity, fairness, and transparency. These projects have social, environmental, and economic impact, meaning they are good business for our clients, the communities where the projects are implemented (mostly vulnerable communities), and, of course, for us.

The only way to win the fight against climate change is through actions that are fair and ambitious for everyone, and we focus our business around that.

Alexis L. Leroy
ALLCOT's Founder & CEO

# 01

# About us

Founded in 2009, ALLCOT is at the forefront of the global effort to combat climate change.

By focusing on sustainability strategies, project development and implementation, capacity building, and advocacy, we deliver solutions with a triple impact: environmental, social, and economic.



## Our purpose

At ALLCOT, we are committed to driving sustainable development and accelerating the transition to Net Zero through impactful projects and solutions that generate triple-impact benefits:



Economic Impact: We provide data-driven solutions and strategies. Our focus is on steering companies and organizations towards sustainable growth, profitability, and achieving their financial objectives.



Social Impact: Grounded in community values, we firmly believe that local communities and indigenous people are pivotal in the climate action landscape.



Environmental Impact: Rooted in sound scientific research, our solutions are transparent and feasible. This robust foundation enables us to take effective climate action and successfully communicate our environmental efforts.

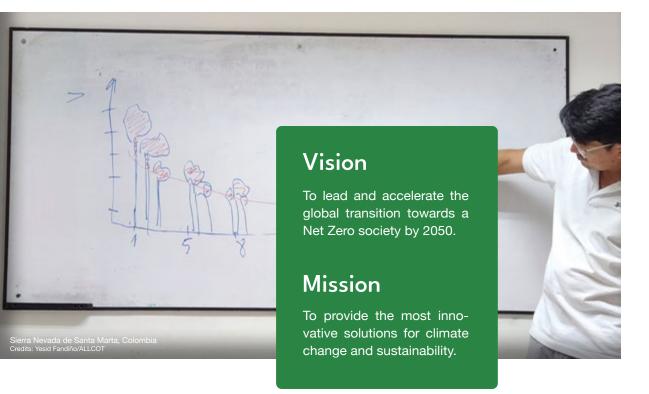
With over 14 years of experience, our technical expertise spans all major sectors of greenhouse gas (GHG) mitigation action, and we offer comprehensive solutions for achieving Net Zero.

Our projects encompass a diverse range of technologies and nature-based solutions, including REDD+, forestry, conservation, waste management, landfill gas, efficient stoves, and renewable energy.



# Vision and mission

Guided by the United Nations Sustainable Development Goals Agenda 2030 and the Paris Agreement, we work together with communities, organizations, academia, and governments worldwide.



# Our guiding principles

At ALLCOT, we believe that carbon credits are not mere commodities but a disruptive financial tool for reshaping our world.

1 Triple Impact Solutions

We work towards a triple impact: economic growth, social well-being, and environmental sustainability.

7 Fairness and Equity

We strive for fairness and equity, embracing the strength of communities.

7 Transparency Framework

We uphold a transparent system, fostering trust and clarity.

**04** Accountability

We are accountable for our actions, ensuring every credit counts.



## Our history

The market collapsed with the economic crisis in 2010. Alexis initiated carbon credit generation through projects, starting with a methane reduction project in Ukraine's Odessa port.

Amidst global uncertainty, Alexis traveled to Colombia, discovering a passion for impactful projects that led to a focus on Latin America until 2015.

2011

Seeking greater impact in Latin America, ALL-COT explored a challenging project in Sur del Meta, Colombia, aiming to transform deforestation dynamics. Alexis traveled to the territory and met with the communities.

2018

- ALLCOT became a B-Corp and continued its trajectory of innovation and global influence. 2022 marked a strategic expansion into new markets, with forays into Argentina and the Dominican Republic.
- At COP27, ALLCOT signed the first public-private financing agreement for the development of an Article 6 eligible project in Senegal.

2022

#### 2009

ALLCOT was founded in the midst of a burgeoning European market for carbon quotas.

In these times, the company facilitated transactions between industries with surpluses and those in need, thriving in a market full of confidence and enthusiasm.

#### 2015

The signing of the Paris Agreement in 2015 brought hope, but the market evolution was slow, prompting ALLCOT to strategize on creating models aligned with their aspirations.

#### 2020

to West Africa. This expansion included the establishment of a new office in Senegal, solidifying our commitment to growth and our presence in the region.

#### 2023

- ALLCOT signed an agreement with the institutions of Kafountine (Senegal) to develop four projects aimed at reducing GHG emissions due to deforestation and forest degradation.
- This year, we also consolidated a pipeline of more than 40 nature-based solution projects.

#### 2024

As the company strides into the future, we underscore our belief that economic influence must harmonize with social responsibility.

Recent years have witnessed ALLCOT's growing acclaim for the excellence of our projects and unwavering commitment to community engagement.

Our trajectory directs our focus towards a global impact that reflects not only our success but also our dedication to making a positive difference in the world.

# Global presence

ALLCOT has established a strong global presence through its network of seven subsidiaries, each contributing uniquely to the company's commitment to sustainable development and bringing a truly global perspective to climate action.

## 200+ projects

With a portfolio boasting more than 200 projects, ALLCOT has strategically diversified its initiatives, extending across a multitude of countries, including Senegal, Ivory Coast, Guinea-Bissau, Kenya, Ghana, Mexico, Argentina, Colombia, Costa Rica, Mexico, the Dominican Republic, and more.



02

# Our solutions

ALLCOT's sustainability services are oriented to help companies, governments, projects, and NGOs, among others, meet their goals from two perspectives:

Firstly, we focus on supporting the decarbonization of operations and productive activities. Secondly, we guide companies in maximizing their impact on Sustainable Development Goals, emphasizing the generation of shared value.





## Sustainability Services



#### **Carbon Footprint Management**

We assist companies in quantifying emissions under globally recognized standards like ISO and the GHC Protocol, ensuring accurate and comprehensive results.

#### **Decarbonization**

ALLCOT guides organizations in identifying cost-efficient ways to reduce emissions. We provide science-backed alternatives, enabling clients to first cut emissions and then offset the unavoidable ones, with a focus on generating high-impact certificates.

#### Sustainability Reporting

We transform complex data into easy-to-understand graphs, helping organizations communicate their environmental initiatives effectively.

#### **Circular Economy**

Our experts identify opportunities to improve production processes, reduce costs, and minimize environmental impact.

#### **Climate Finance**

ALLCOT helps companies assess and manage climate risks, making them more resilient.

What is ALLCOT's competitive advantage in offering this type of service over other organizations?

We are oriented to the needs of our clients, for which we make very detailed diagnoses, and based on them, we make work plans. ALLCOT's main advantage in the management of sustainability services is the technical quality with which we do it. We have a team of trained and specialized professionals and experts that allows us to develop completely customized studies.

Fully customized means that we are oriented to the needs of our clients, for which we make very detailed diagnoses, and based on them, we make work plans.

Another great advantage of ALL-COT is that we have a global presence and develop projects in North, Central, and South America, Africa, and Europe. This global presence allows us to help companies know what is happening in the world and in the countries, bringing knowledge and best practices to our clients and making them go one step ahead.

We are a multidisciplinary and multicultural team; we have the capacity to understand local contexts with local experts; that is, we attend many projects with professionals from their own countries of origin, and therefore we can do projects that understand the regulations and the context of each client.

Finally, at ALLCOT, we seek the integration of services. We seek to build long-term relationships with clients and be their expert partner in sustainability and climate change. We start by identifying the problem, analyzing the solution alternatives, accompanying its implementation, and supporting the monitoring and reporting of results, becoming strategic partners with our clients, not just service providers.

Andrés Herkrath

Chief Business Solutions Officer

ALLCOT Annual Insights | 2023 02 | Our solutions



## Capacity Building **Programs**

ALLCOT exercises capacity building in all the sustainability servi-

We develop workshops and trainings completely tailored to a project, company, economic sector, or country.

### **ALLCOT** Academy

ALLCOT Academy, our digital e-learning platform, provides a wide range of specialized courses that cover topics related to climate change and sustainability.



#### **CONVERSATIONS WITH**

Andrés Herkrath Chief Business Solutions Officer

#### Why is it important to generate capacities in sustainability and the fight against climate change in organizations?

The fight against climate change is something quite new, and every day it is transforming with the scientific and technological discoveries that humanity is making. So it is a constantly evolving knowledge, and every day there are different ways to deal with climate change, manage it, and confront it.

For this reason, it is very important to stay updated, and training has to be continuous. So, all this great evolution makes it almost obligatory for companies and people to be constantly trained.

#### Can you give us some examples of evolution that are convincing?

A few years ago, sustainability was seen as a cost unit, that is, as something that companies had to do in order not to incur fines or sanctions imposed by local authorities.

Today, companies see sustainability units as sources of income and shared value, which generate economic impacts but also environmental and social impacts, help to improve engagement with their stakeholders, improve their image, have better communication, and create a better working environment, among others.

And we must be updated, because if we do not have the basic knowledge, companies may engage in bad practices or even greenwashing.

In conclusion, it is important to be updated, and it is not only about knowing how to do things but also how to articulate with different actors and, above all, how to communicate.

#### Is capacity building only for companies?

No. At ALLCOT, we see capacity building from three perspectives: capacity building for communities, companies, and society in general.

#### Developing capacities in communities

In the case of communities, capacity building is aimed at socializing with them what a carbon project is, its different stages, the benefits it generates, and, above all, the responsibilities of the parties in the long term, which is what guarantees that the project will last over time.

It is necessary to clarify that capacity building in communities is an exercise that has to be done permanently, transforming the culture and knowledge of the people, generation after generation, so as to ensure the sustainability of the projects for 30 or 40 years.

In 2023, we focused on generating capacities in communities in the Sierra Nevada de Santa Marta, with the Arhuacas, Koguis, and Wiwas indigenous communities. This was a great challenge because it was necessary to explain sometimes complex concepts in their own languages, and we succeeded because they were linked to the project and we are working with them in the definition of the projects.

We have also been working since 2018 with the communities of Southern Meta, where most of the project partners are victims of violence. They are characterized by being distrustful, so in order to start generating capacities, we must first generate a high level of trust, and we have achieved

#### **Building capacity in institutions**

At the institutional level, we have also done a lot of training. I would like to name, for example, the ones we did in 2023 in the Dominican Republic, where, through ALLCOT's Climate Action team, we helped the government prepare to implement all the provisions of Article 6 of the Paris Agreement and to develop public policies that help companies access climate finance mechanisms.

We have also worked with business sectors such as the Colombian dairy sector, where we helped them identify opportunities in their value chain that contribute to the fight against climate chan22 ALLCOT Annual Insights | 2023

## Article 6 Expertise

ALLCOT's Climate Action Unit (CAU) is a cross-functional team that offers advisory and consultancy services on climate policy, capacity building, and financing options to countries and companies through the implementation of greenhouse gas (GHG) mitigation activities.

## Why did ALLCOT decide to create a specific business unit for Article 6 of the Paris Agreement?

CAU Team: The creation of the unit stemmed from an opportunity to pioneer cooperative approaches under Article 6 of the Paris Agreement to implement technological and nature-based solutions towards a net zero future, driven by integrity, equity, and transparency.

CAU helps towards this mission as it is keen to implement market-based cooperative approaches under Article 6.2 for the transfer of Internationally Transferred Mitigation Outcomes (ITMOs), operationalize market-based cooperative approaches under Article 6.4; and facilitate non-market approaches under Article 6.8.

#### What competitive advantages does ALL-COT have with this business unit?

CAU Team: We are among the few project developers with a dedicated Article 6 Office offering a one-stop solution towards the implementation of climate change adaptation and mitigation projects worldwide in three steps: origination, finance, and ITMO generation.

In addition to having experience in both international consulting on Article 6 and project implementation, our Climate Action Unit offers the competitive advantage of partaking in the implementation of the Paris Agreement. Our staff participates actively in the transparency process of the Paris Agreement as part of the Roster of Experts for the Technical Review of National Greenhouse Gas Inventories, National Communications, and Biennial Reports and forms part of the Article 6.4 Mechanism of Experts Roster recently created by the UNFCCC Article 6.4 Supervisory Body.

Besides, at COP28 in Dubai, UNFCCC recognized our staff as a frontrunner in transparency, being the first generation of Technical Experts ready to partake in the upcoming Technical Expert Review under the Enhanced Transparency Framework. We also have experience supporting government delegations in their negotiation process at COPs and delivering capacity building workshops on Article 6 and Mitigation Outcomes Purchasing Agreements to national governments in Latin America, Africa, and Asia.

Who are the potential customers of this business unit?



CAU Team: Our potential customers include anyone interested in engaging in Article 6. We offer capacity building services tailored made to different profiles: traders, investors, host and buyer country governments, companies, NGOs and general public. Facility owners may benefit from our Article 6 eligibility review consultation, while investors or ITMO buyers will find our project portfolio across geographies very unique.

## How does technology contribute to the transparency and integrity of carbon markets?

CAU Team: Technology enhances carbon markets through various mechanisms. Firstly, it streamlines verification processes, simplifying the authentication and assessment of the authenticity and impact of carbon credits. Additionally, technology contributes to democratizing access to information, ensuring that information about carbon projects is accessible to a wider audience. Moreover, its integration aids in reducing fraud and errors, minimizing the potential risks associated with inaccuracies and fraudulent activities within carbon markets

#### **Capacity Building**

We offer customized capacity building services to meet the interests of governments, businesses, carbon traders, and investors

#### **Project Origination**

We work to bring new ITMO-generating activities off the ground, performing the due diligence and documentation for new mitigation activities and building a portfolio for investors, traders, and ITMO buyers.

#### **Project Consulting**

We help companies with potential mitigation and adaptation actions in determining the potential under Article 6.

#### **Article 6 Policy Consulting**

We support governments in the design and implementation of an Article 6 strategy, including the alignment of national frameworks, climate policies, and institutional arrangements. ALLCOT Annual Insights | 2023 02 | Our solutions — 25



ALLCOT IO, the digital arm of ALLCOT, specializes in on-chain carbon projects using the latest technologies like Web3, ReFi (Regenerative Finance), dMRV (Digital Measuring Reporting and Verifying), and IoT (Internet of Things).

ALLCOT's IO main goal is to support carbon projects benefiting all stakeholders and the environment, with a strong focus on local communities.

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The greatest barrier to addressing climate change is not a lack of solutions but a failure to coordinate action. Digital and Web3 solutions offer a scalable framework but cannot solve all our environmental challenges alone. Combining talents, from the digital hands and the boots on the ground worlds, is the essence of ALLCOT IO to drive the systemic change necessary for meeting the Paris Agreement's goals.

Raphaël De Ry Co-Founder and CEO of ALLCOT IO

## What are the competitive advantages for ALLCOT to have a special unit like ALLCOT IO?

ALLCOT IO Team: ALLCOT IO contributes valuable competitive advantages to ALLCOT through several key strategies. Firstly, by integrating ALLCOT's practical experience in the field with cutting-edge digital technologies, we aim to expand the impact and transparency of our initiatives. Additionally, we prioritize increased transparency and integrity by employing digital tools like blockchain for secure and auditable information, fostering accountability throughout the entire project lifecycle. Furthermore, our approach emphasizes enhanced project effectiveness through the utilization of digital tools such as Digital Measuring, Reporting, and Verification (dMRV) and IoT (Internet of Things). Lastly, we are committed to digitally empowering projects that offer shared benefits, ensuring positive outcomes for both local communities and the environment.

## Why is technology important in the fight against climate change and sustainability?

ALLCOT IO Team: Technology is vital in addressing climate change for several reasons. Firstly, it plays a crucial role in fostering global collaboration by facilitating communication and collaboration among diverse stakeholders on a global scale. Additionally, technology proves instrumental in developing and implementing more efficient and effective climate solutions, enabling a proactive approach to environmental challenges. Another key aspect is its contribution to data-driven decision-making, providing accurate data and analytics that inform and guide sustainability efforts. Moreover, technology encourages continuous innovation, ensuring that strategies remain adaptable and ready to address evolving environmental challenges.

What kind of technologies are most relevant in the fight against climate change? ALLCOT IO Team: The incorporation of Blockchain and Smart Contracts is essential for upholding transparency and integrity within carbon credit markets and other sustainability endeavors, ensuring trustworthy and tamper-proof transactions. The deployment of Digital MRV (Measuring, Reporting, and Verification) and IoT enables precise real-time tracking and reporting of environmental impacts, a critical aspect in verifying the effectiveness of climate projects. Furthermore, the utilization of Artificial Intelligence and Big Data analytics plays a substantial role in predictive analysis, resource management, and the identification of efficient climate solutions. Additionally, Climate Modeling and Forecasting Tools, advanced software applications contribute significantly to predicting climate patterns and their associated impacts.

### How does technology contribute to the transparency and integrity of carbon markets?

ALLCOT IO Team: Technology enhances carbon markets through various mechanisms. Firstly, it streamlines verification processes, simplifying the authentication and assessment of the authenticity and impact of carbon credits. Additionally, technology contributes to democratizing access to information, ensuring that information about carbon projects is accessible to a wider audience. Moreover, its integration aids in reducing fraud and errors, minimizing the potential risks associated with inaccuracies and fraudulent activities within carbon markets.

## What can be done to make technology increasingly important in the fight against climate change?

#### ALLCOT IO Team:

```
enhanceTechImpactInClimateFight()
=> TuringTestPassed ?
deploy("GreenTechUpgrades", "HBAR_Guardian", "EcoCodeEdits"):
console.log(""Environment Error 404:
Solution not found. Let's code a
better future!"");
```

# 03

# Our projects

Rooted in integrity, equity, and transparency, our projects focus on both nature-based and technology-based solutions to address climate change on a global scale.

Through nature-based solutions, we execute conservation, restoration, and land-management actions that transcend borders, fostering increased carbon storage and averting greenhouse gas emissions.

Our technology-based solutions empower organizations to seamlessly transition to clean energy, paving the way for reduced environmental impact.





# REDD+ Conservation projects

REDD+ Conservation projects are a powerful tool to combat deforestation and forest degradation.

These projects not only reduce emissions but also reinvest in local communities, fostering economic development linked to forest preservation.

#### Prevent further deforestation

Our team implements rigorous monitoring and protection measures to actively halt encroachment on vital forest areas.

We advocate for responsible forest management practices to ensure the long-term health of these ecosystems.

#### Improve carbon stocks

We contribute to the sequestration of carbon, enhancing the overall health and resilience of the forests.

#### **Biodiversity protection**

Biodiversity is the cornerstone of a thriving ecosystem. Our projects not only protect existing biodiversity but actively work towards its enrichment.

#### Communities involvement

We empower local communities to become stewards of their environment, providing economic opportunities while ensuring sustainable practices.



**REDD+ CONSERVATION PROJECTS** 

## REDD+ Sur del Meta

REDD+ Sur del Meta seeks to change forest clearing and hunting for the implementation of sustainable and profitable livestock and agricultural projects for the farmers who own the land, protecting local biodiversity and preventing deforestation on 77.161 hectares of land.

#### Bosques de Paz, Sustento de Vida

The project unfolds in the municipalities of Vistahermosa, Puerto Rico, Puerto Concordia, and Puerto Lleras, located in the department of Meta, Colombia. This region grapples with alarming deforestation rates and a longstanding history of illegal armed group presence.

Our project partners are farmers, most of them victims of the Colombian armed conflict, who until now have been engaged in extensive cattle ranching, clearing forests for pasture, and hunting endangered species like the giant otter.

By focusing on the land-owning farmers as the core project partners, the initiative aims to transform their practices. Through comprehensive training and support for sustainable productive activities, the project strives to ensure the conservation of the forest and its rich biodiversity.

In 2023, we traveled to the south of the Meta department to engage with project participants and strengthen the bonds with the communities. During these engagements, we disseminate updates on project progress and address any inquiries or uncertainties that may have emerged.

Furthermore, agricultural and livestock inputs were distributed among the project partners to showcase the potential benefits of the project.

In a bid to enhance local governance, both the General Committee and village committees were formally established in the four municipalities under consideration.



## Supporting the sustainable development of an irreplaceable natural heaven

The Sierra Nevada de Santa Marta, nestled in northeastern Colombia, epitomizes the convergence of cultural heritage and ecological significance. This UNESCO Biosphere Reserve, declared in 1979, spans over 17,000 square kilometers, gracing the Andes Mountain range and overseeing the Caribbean Sea.

For over 2000 years, the Kogui, Arhuaco, and Wiwa indigenous peoples have coexisted harmoniously with this unique ecosystem, contributing to its rich biodiversity. However, legal and illegal mining, coupled with illicit crops, now pose severe threats, transforming this sacred region into a deforestation-red zone in Colombia. This environmental degradation not only imperils the natural wonders but also undermines the cultural identity and traditions of the indigenous communities.

In 2023, we worked closely with the communities, defining project areas and conducting tailored capacity-building on climate change and carbon projects, adapting content to each community's language and culture.

Technical workshops were pivotal, enhancing basic skills in analog and digital cartography, compass and GPS navigation, and the use of remote sensing images for land reconnaissance. A notable accomplishment was the joint identification of project areas, achieved in coordination with indigenous communities to align with their goals and values.



**REDD+ CONSERVATION PROJECTS** 

## REDD+ Sierra Nevada de Santa Marta

The project works closely with indigenous communities to protect and preserve 215,782 hectares of this unique ecosystem from deforestation. The objective is to foster sustainable development within these communities, empower them to preserve their cultural heritage, and strengthen social organization for effective territorial governance.





# African Initiative to address deforestation and climate change Our world's delicate tapestry thrives in the

Tanoé Reserve, Ivory Coast. Yet, unsustainable forestry practices and palm oil production threaten its existence, leaving behind a fragmented forest landscape.

In response to these challenges, the REDD+ Forêt des Marais Tanoé-Ehy project aims to restore the pristine rainforest habitat, a heaven for invaluable and unique biodiversity.

With a strong gender perspective, the project not only aims to restore the rainforest but also empowers local women entrepreneurs. By providing viable financial options, they will be able to invest in activities that contribute to the sustainable management of the forests. This year, we undertook a journey to Ivory Coast, fostering collaboration with stakeholders, including project partners and local authorities and associations.

We also engaged with local communities to discuss the project's objectives, address concerns, and collect valuable feedback. The aim was to ensure that the project's strategies aligned with the needs and aspirations of the local communities.



**REDD+ CONSERVATION PROJECTS** 

## REDD+ Forêt des Marais Tanoé-Ehy

In the pursuit of restoring the delicate balance of the rainforest ecosystem, REDD+ Forêt Des Marais Tanoé-Ehy embarks on a mission to rejuvenate the Tanoé Reserve. At the heart of this initiative is the protection of 10,542.8 hectares of forest, averting a predicted 5,790 hectares of deforestation.









Blue carbon refers to the capture and storage of carbon in coastal and marine environments. This includes ecosystems like mangroves, tidal and salt marshes, and seagrasses.

Our Blue Carbon Projects focus on conserving and reforesting mangrove areas, harnessing their exceptional capacity as carbon sinks to significantly reduce atmospheric carbon levels.

#### Carbon capture and reduction

By planting, restoring, and conserving mangrove areas, we actively capture carbon from the environment. This not only aids in reducing atmospheric carbon but also prevents carbon emissions resulting from mangrove deforestation.

#### Enhancing ecosystem resilience

The restoration and conservation of mangrove areas play a vital role in enhancing the resilience and resistance of marine ecosystems to the impacts of climate change. Mangroves act as natural barriers, protecting coastlines from erosion and storm surges.

#### Collaborative approach

ALLCOT's Blue Carbon Projects involve on-theground initiatives. Our teams work closely with local communities and actively seek partnerships with governmental bodies and NGOs to amplify the impact of our initiatives.



## ecosystem

Protecting the singularity of the mangrove

For generations, the people of the Casamance and Siné-Saloum regions in Senegal have relied on fishing and sellfish gathering to sustain their way of life.

Almost 15 years ago, Tobor village faced a food supply shortcut.

Arthur Coly, a village elder, knew that mangrove deforestation was directly affecting food resources.

Together with three committed young men, Albert Seydi, Moustapha Sané, and Joseph Thiago, Arthur Coly started planting mangrove seeds in deforested areas.

This marked the start of a journey to restore the ecosystem and secure the community's food sources.

In 2023, ABC Mangrove achieved significant progress. A workshop in Ziguinchor in July facilitated collaboration among project stakeholders, aiming to share details about upcoming mangrove planting and formalize agreements with local communities.

In August, the project initiated its second plantation, covering 2000 hectares across the Casamance and Saloum deltas, with local communities actively participating in the workforce.

In November, a socio-economic study was conducted to

#### **BLUE CARBON PROJECTS**

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## **ABC Mangrove Restoration** Senegal

Mangroves play a crucial role in the Sine-Saloum and Casamance Delta's ecosystem, supporting and providing habitat to a diverse and rich range of wildlife. Together with the local communities, the project actively reforests and conserves the mangrove in the region while building capacities within the individuals in order to ensure a solid foundation for their livelihoods.











03 | Our projects

## Restoring the first line of defense against climate change

The swamps of Centla primarily engage in occupations such as independent fishing and cooperative societies.

The project targets the restoration of mangrove ecosystems within the ejidos, where residents are intricately tied to the land and its resources. Recognizing the interconnectedness of communities and ecosystems, the project focuses on three specific ejidos where restoration activities aim to breathe new life into the diminishing mangrove habitats.

Through community engagement and collaboration with the Ejidal Assembly, the governing body of each ejido, the project not only seeks approval for its restoration proposals but also endeavors to define shared visions, benefits, and responsibilities.

Under the leadership of EN-DESU, in 2023, the initial areas of the project were established, and ejido leaders were trained on topics such as climate change, carbon credits, carbon projects, and the care of mangrove ecosystems. The aim was to provide ejido leaders with a deep understanding of the environmental challenges the region faced and the potential benefits of participating in the project.

#### **BLUE CARBON PROJECTS**

## ABC Mangrove Restoration Tabasco-Mexico

The project aims to bring life back to the mangroves located in the state of Tabasco, Mexico. Approximately 25,000 hectares of mangroves once thrived in this region. However, over the past 50 years, a combination of fire increments, climate alterations, and unsustainable land use has led to a significant reduction in mangrove coverage.







# Cookstoves projects

Efficient cookstoves emerge as a catalyst for the sustainable development of 2.8 billion people globally.

Traditional cooking methods, often relying on open fires, contribute to health hazards such as respiratory problems. Improved Cookstoves (ICS) step in as a solution, promoting cleaner and more efficient cooking practices.

#### **Health benefits**

By minimizing combustion gas emissions, these stoves drastically reduce exposure to dangerous smoke, promoting healthier living conditions for families.

#### **Economic benefits**

The Improved Cooking Stoves efficiency translates into reduced fuel consumption, saving both money and time. This economic empowerment ripples through communities, fostering financial stability.

#### **Environmental benefits**

As the need for fuel decreases, the pressure on forests is alleviated. These stoves play a vital role in forest conservation, bringing about a 30% reduction in wood collection and reducing carbon emissions.



## Increasing the availability and affordability of improved cookstoves

In the heart of Bouaké, traditions run deep. However, the traditional practice of cooking with open fires, using three stones, comes at a cost

The smoke and fumes produced by these traditional methods contribute to severe health issues, including respiratory problems, chronic bronchitis, and pneumonia.

Bouaké is now at the forefront of a project to revolutionize traditional cooking practices by introducing efficient firewood and charcoal stoves.

This initiative serves as a crucial step towards reducing greenhouse gas emissions, aligning with Bouaké's broader action plan.

In August, we engaged in a stakeholder consultation, delving into the core aspects of the project and discussing its far-reaching impacts on the community.

The consultation was hosted in Bouaké's Town Hall and featured expert-led discussions by our team members. The session brought together all relevant parties associated with the project

#### **COOKSTOVES PROJECTS**

## The African Cookstoves Initiative Bouaké

This project focuses on enhancing the availability and affordability of improved cookstoves (ICS) in the region, with the goal of distributing efficient firewood and charcoal stoves. By promoting the adoption of these improved cookstoves, the project not only addresses issues related to air pollution but also aligns with Bouaké City's sustainability action plan.









## Providing a safe and clean cooking environment

Turkana's communities sustain their livelihoods through traditional cooking methods, which endanger their health and exacerbate environmental issues, including air pollution and deforestation.

Charcoal, a dominant cooking fuel in Africa, significantly contributes to these challenges. With approximately 2 million hectares of forest deforested annually for cooking purposes, the need for a sustainable alternative is evident.

The project seeks to address these concerns by introducing improved cookstoves (ICS) to Turkana.



The project reduces a lot of costs. The cooking is faster with these improved cookstoves, which use very little fuel to cook. The idea of cooking will change.

Paul Lobolia

#### **COOKSTOVES PROJECTS**

## Distribution of Cookstoves in Turkana North

The project aims to enhance access to clean cooking solutions, improving the overall quality of life for Turkana's communities. The distribution of efficient cookstoves represents a pivotal step towards sustainable and economic development. These clean cooking devices save energy and money efficiently and help enhance air quality.







## through improved cooking solutions

Yielding a link between forest and people

Senegal faces significant challenges in its reliance on solid fuels for daily cooking needs, with 56% of the population still utilizing them regularly. The prevalent use of the traditional three-stone method underscores the urgency for intervention. This reliance on open fires leads to alarming rates of deforestation as a result of fuelwood clearing, charcoal production, and logging activities. Moreover, the use of open fires poses severe health risks, particularly affecting respiratory health due to air pollution.

This project addresses environmental degradation and seeks to improve the well-being of communities by providing safer and more sustainable cooking solutions.

This year, we're collaborating with CERER (Centre d'Etudes et de Recherches sur les Energies Renouvelables) to develop locally designed and produced cookstoves tailored to the practical needs of users in the region.

This initiative aims to boost local employment opportunities, increase productivity, and minimize the carbon footprint associated with transportation by eliminating our reliance on external suppliers.

#### **COOKSTOVES PROJECTS**

# Promoting Clean Cookstoves in Senegal

Centered on a gender-inclusive approach, the project aims to combat deforestation in Senegal through the distribution of efficient firewood and charcoal cookstoves. By enhancing the accessibility and affordability of these Improved Cookstoves (ICS), we anticipate a significant 30% reduction in wood collection.







# projects

Afforestation, Reforestation, and Revegetation (ARR) projects play a pivotal role in conserving biodiversity, safeguarding ecosystems, and bolstering support for local commu-

#### Afforestation

ALLCOT's dedication to afforestation revolves around the strategic cultivation of trees and crops in areas devoid of forests for at least 50 years. This approach results in the establishment of entirely new forested regions, expanding green cover.

Our afforestation efforts not only combat deforestation but also create ecosystems capable of capturing and storing carbon.

#### Reforestation

Reforestation focuses on the revitalization of degraded forest areas. Through replantation and soil reconstruction, we aim to breathe new life into ecosystems previously impacted by human activities such as logging.

#### Revegetation

By strategically planting trees in areas covering a minimum of 0.05 hectares, we maximize carbon sequestration potential. This approach contributes to bolstering carbon stocks, creating havens for biodiversity, and fostering sustainable landscapes.



#### Restoring balance to nature

The Sierra Nevada de Santa Marta has been home to the Arhuaco people for over two millennia. To them, this majestic landscape is more than just land; it's a sacred realm where every rock, tree, and creature holds profound significance. However, the region faces threats from both legal and illegal activities like mining and illicit crops, leading to alarming rates of deforestation.

The project aims to empower native communities by restoring and protecting their ancestral territories. Spanning across six municipalities, including Aracataca and Santa Marta, the project aims to rejuvenate over 810 hectares with native flora, foster biodiversity, and capture carbon emissions to mitigate environmental degradation.

This year, we made great progress in fortifying community engagement concerning forest carbon and related projects

Through practical on-site training sessions, communities deepened their understanding of these issues. They also identified which plant species, based on their traditional knowledge of the land, are most suitable for starting the restoration process.

#### **ARR PROJECTS**

## Müsesi, afforestation project

The project embodies a collective effort to revive the natural splendor and cultural heritage of Colombia's Sierra Nevada de Santa Marta. Rooted in the profound connection between indigenous communities and their ancestral lands, Müsesi strives to counter the threats of deforestation and environmental degradation. Together with Conservation International Colombia and through strategic afforestation initiatives, we aim to safeguard this UNESCO Biosphere Reserve for the well-being of both nature and humanity.







## Fostering the establishment of sustainably managed forest plantations

The Afram Headwaters Forest Reserve (AHFR) in Ghana, once a thriving ecosystem, suffered from extensive degradation due to activities like logging and farming. Recognizing the urgent need for restoration, this project aims to replenish the forest cover while involving local communities in sustainable forest management practices.

By engaging community members in tree planting, job creation, and skill development, the project fosters a sense of ownership and stewardship among the people. Additionally, by partnering with local authorities and organizations, the project ensures that the restoration efforts align with the needs and aspirations of the communities, promoting long-term environmental and socio-economic benefits for all stakeholders involved.

Recently, Mere Plantations announced the issuance of 307,128 carbon credits from the project.

ALLCOT has played a pivotal role in providing technical support to ensure the highest quality of the credits issued. Our expertise guarantees full transparency and a tangible triple impact: social, environmental and economic

#### **ARR PROJECTS**

## Reforestation of Degraded Forest Reserve Land

The project aims to revitalize and manage the Afram Headwaters Forest Reserve (AHFR). Through this project, owned by Mere Plantations, millions of teak trees are being planted across 4,078.5 hectares, not only to combat climate change but also to meet the increasing demand for wood products sustainably.







## Protecting natural resources while promoting resilient communities

Nestled in the southeastern region of the Democratic Republic of the Congo lies Moba, a territory marked by the lingering scars of conflict from the Congo War. The communities in this region face formidable challenges, where daily sustenance often hinges on the precarious balance of agricultural yields and environmental degradation.

Many households are reliant on farming for their livelihoods. However, traditional agricultural practices, such as slash-and-burn farming, perpetuate a cycle of deforestation and diminishing returns. Moreover, the dependence on makala (wood coal) as the primary energy source exacerbates environmental pressures. Against this backdrop, the project offers an alternative approach to agriculture and a pathway towards holistic ecological restoration and community empowerment.

Recientemente, el proyecto completó con éxito el proceso de listado según el estándar VERRA.

Together with Graine de Vie and Fanyatu, we are ensuring continuous monitoring and rigorous evaluation of the project.

#### **ARR PROJECTS**

# Regreening Africa with the power of permaculture

The project, located in the Congo Basin, focuses cused on addressing deforestation while uplifting local communities. It employs permaculture principles to create a sustainable future where ecology and prosperity thrive in harmony.









# Waste Management projects

We are actively engaged in the waste management sector, spearheading emission mitigation projects across all facets of waste management. Recognizing that the waste sector contributes approximately 3.2% to global greenhouse gas emissions, our Waste Management projects are integral to our commitment to sustainability.

#### **Waste to Energy**

Using solid urban waste to generate energy, reducing both methane emissions and dependence on fossil fuels.

#### **Flaring**

Capturing biogas from landfills, reducing emissions, and generating alternative energy through combustion or electricity generation.

#### Composting

Minimizing methane emissions by optimizing the decomposition of organic waste, producing valuable compost for sustainable agriculture.

#### Recycling

Transforming waste materials like glass, plastic, and metal into resources, reducing reliance on virgin raw materials, and lowering environmental impact.



## Driving sustainable development through composting in Touba

Senegal faces an annual economic loss amounting to -1% of its GDP, attributed to the lack of sustainable waste management practices.

In response, the country has identified the recovery of organic waste through composting and mechanization as viable options to enhance its greenhouse gas (GHG) reduction efforts.

The implementation of these strategic measures is vital. Moreover, the prospect of external assistance presents an opportunity to further expedite progress.

With such support, Senegal envisions a substantial reduction of emissions, reaching up to 65.28% by 2030.

Together with SONAGED, we have been gathering on-site information essential for the preparation of project documentation.

In addition, in 2023 our team and members of SONAGED travelled to Mexico to conduct a training programme.

The training sessions serve as platforms for educating on best practices and techniques and fostering innovation and improvements in both project design and implementation.

#### **WASTE MANAGEMENT PROJECTS**

## Methane Emissions Reduction Programme: Development of a compost facility in Touba

This initiative involves the establishment of a new composting facility in Touba, Senegal, dedicated to treating organic solid waste currently designed for landfills. The resultant compost will be distributed to those engaged in agriculture, fostering a sustainable cycle of growth and regeneration within the local communities.







## Turning solid waste into climate action and social benefits

Located within the province of Talagante, Chile, the Santa Marta Sanitary Landfill serves as a vital waste disposal site for over 1.2 million residents.

The project aims to capture landfill gas emissions and utilize them for electricity generation. Beyond environmental benefits, the project prioritizes community well-being by supporting initiatives focused on education, promoting healthy lifestyles, improving environmental conditions, and enhancing the overall quality of life.

Through collaborative efforts between stakeholders and local authorities, the project fosters community engagement and empowers people. In 2023, we successfully completed the verification and issuance of the 8th Monitoring Period.

The gross volume of GS VERs issued is 273,896 for the period from January 1, 2022, to December 31,



#### WASTE MANAGEMENT PROJECTS

# Santa Marta Landfill Gas capture for electricity generation

The project, owned by Consorcio Santa Marta, aims to transform waste management into an opportunity for sustainable development and renewable energy generation. It addresses the dual challenges of waste disposal and energy production by harnessing landfill gas to generate clean electricity.





04

## In the spotlight

We're honored to have actively participated in significant global engagements focused on addressing pressing issues in climate action. Our involvement in events like COP28 has allowed us to contribute meaningfully to these crucial discussions. But what exactly makes participation in COP28 so important?

Amidst these discussions, the role of Memorandums of Understanding (MOUs) in government engagements emerges as a vital aspect.







A Memorandum of Understanding (MOU) represents more than a mere document; it signifies a commitment to collaboration, a structured path to progress, and a tangible step toward advancing climate action.

While MOUs are not inherently legally binding, they serve as the initial stepping stones, laying the foundation for more concrete and binding agreements, such as development contracts and concessions. These documents play a pivotal role in formalizing our relationships with partners and setting the stage for meaningful collaboration.

In the context of commercial transactions, MOUs play a pivotal role in shaping our strategic partnerships. They signify a phase where we collaborate closely with our trusted allies to delve into the complexities of more comprehensive contracts. Within this

framework, the MOU frequently incorporates a commitment to refrain from entering agreements with competing partners, enabling us to engage in in-depth negotiations regarding commercial and legal terms.

#### The Role of MOUs in Government Engagements

When it comes to interactions with national and regional governments, MOUs take on even greater importance. They serve as the gateway to expanding our activities within their jurisdictions, enabling us to embark on feasibility studies, especially in the context of project development.

An MOU represents the government's initial acknowledgment of our project concept and, significantly, ALLCOT as a trusted development partner. In the fiercely competitive landscape of carbon markets, where numerous players, particularly newcomers,

vie for attention, governments are constantly evaluating various market actors.

Achieving a signed MOU is a key milestone in many project development strategies. It signifies not only an alignment of our core principles – fairness, transparency, and triple impacts – but also demonstrates that it aligns with the government's vision for regional development.

### The function of MOUs in ALLCOT's Business Development

MOUs with governments stand as positive indicators for our business. Their value, however, depends on the context, the nature of the agreement, and how well it serves the interests of the stakeholders.

Our approach to these agreements is pragmatic; we do not pursue MOUs for the sake of appearance. Instead, they are born out of genuine project development opportunities where local ambition aligns with our expertise in the international carbon market.

While we often celebrate the success of our projects, it is these MOUs that, in many cases, mark the beginning of these journeys. Having a substantial number of MOUs in place is an indicator at ALLCOT of the extent of project development opportunities we have concretely identified and are pursuing.

In this respect, the simple MOU at ALLCOT serves as a testament to our status as a trusted partner and reflects the depth of our business development pipeline.

Considering the monumental challenge of bridging the gigaton emissions gap to reach the 1.5° pathway before 2030, the importance of the Voluntary Carbon Market is set to scale considerably. In this context, we are steadily laying the groundwork for project development and a sustainable future, one MOU at a time.

# ALLCOT at COP28

In the ongoing battle against climate change, there is a glimmer of hope, albeit with slow but steady progress.

With only six years left to achieve the Paris Agreement goals, the financial resources available to governments are deemed insufficient.

The recent COP28 in Dubai fell short of expectations as developed countries hesitated to commit to the necessary energy transition, while developing nations faced challenges in reducing reliance on fossil fuels for their development.

Despite the sluggish pace of governmental decisions at COP28, progress is evident, particularly in discussions surrounding the implementation of carbon markets and carbon transactions between countries. Bilateral agreements and cooperation pacts signed by various nations further demonstrate a commitment to climate action.

However, with only six years left to achieve the Paris Agreement goals, the financial resources available to governments are deemed insufficient. Carbon markets are seen as a crucial tool to mobilize resources and reduce costs for achieving climate targets.

Governments, facing challenges in decision-making, are increasingly turning to the private sector for innovative solutions to mitigate climate change and fulfill Paris Agreement objectives.







#### **CONVERSATIONS WITH**

#### Nathalie Flores

Vice President of the Subsidiary Body for Scientific and Technological Advice of the United Nations Framework Convention on Climate Change and Advisor to ALLCOT on strategy and government relations.

## Why is the participation of the private sector, especially companies like ALL-COT, important at the COP?

The United Nations always operates in a multilateral manner. In UN Climate Change and its well-known COP (Conferences of the Parties), which take place annually, the participation of all "stakeholders" has been solidifying: academia, civil society, subnational and local governments, and the private sector.

Three weeks before the COP, the governments of countries that signed the Paris Agreement hold preparatory, technical, and high-level meetings where political negotiations take place.

In this preparatory phase, "side events" are also held in which the private sector participates.

During the COP, the private sector participates through business associations, allowing

companies like ALLCOT to showcase their business lines, project progress, offerings for the carbon market, and other mechanisms established through the multilateral process of UN Climate Change. This also includes forming strategic partnerships to design, sell, and execute various products, from training to the sale of credits, to raising investment capital for the development of projects related to emission reduction, resilience, and adaptation to the adverse effects of climate change.

Since 2014, ALLCOT has participated in COPs, aware of its role as a "cross-cutting" player for the Sustainable Development Goals and working with multiple actors as an efficient way to achieve better results in the fight against climate change.

This year, COP28 had special significance as ALLCOT used the event for its collaborators to enhance their technical capacities with a scientific focus, strengthened by new technologies. ALLCOT also served as a catalyst for other allied companies to learn from its experience and achieve similar milestones.

Finally, the ALLCOT team also provided scientific, legal, and diplomatic support to some country delegations, equipping them with knowledge about global and national regulations and the necessary tools to achieve their goals.

## What contributions does the private sector make in the fight against climate change?

With the Paris Agreement, governments committed to ambitious decarbonization goals called "Nationally Determined Contributions" (NDCs).

The economic resources of governments and development funds funded by indus-

trialized countries are insufficient to meet these goals. Hence, the Paris Agreement proposes public-private partnerships.

Therefore, the private sector contributes to climate action in three ways:

- Assisting in financing decarbonization projects.
- Reducing greenhouse gas emissions in their operations through the use of more efficient technologies, taking into account the enabling framework established in each country.
- Generating data to protect natural capital and continue attracting resources.

A sensitized private sector with robust traceability of its operations (emissions vs. profits) is vital for balancing the planet's temperature and improving the quality of life for the most vulnerable societies.

## Historias B Podcast

In 2023, we participated in the Historias B Podcast by Sistema B, in which we had the opportunity to present ALL-COT, the problems we seek to solve, what defines us as a B Corp, and our most important advances in the environmental projects we are developing together with partners and local communities.

## We are a B Corp

ALLCOT is certified by B Lab as a <u>B Corporation</u>.

This certification recognizes the good policies and practices within ALLCOT, in addition to its commitment to meet high standards of social and environmental performance, transparency, and accountability.

With this certification, ALLCOT positions itself in a framework of continuous improvement and collective action, remediating negative impacts and promoting positive ones by applying B Lab standards.



# Charting our path forward

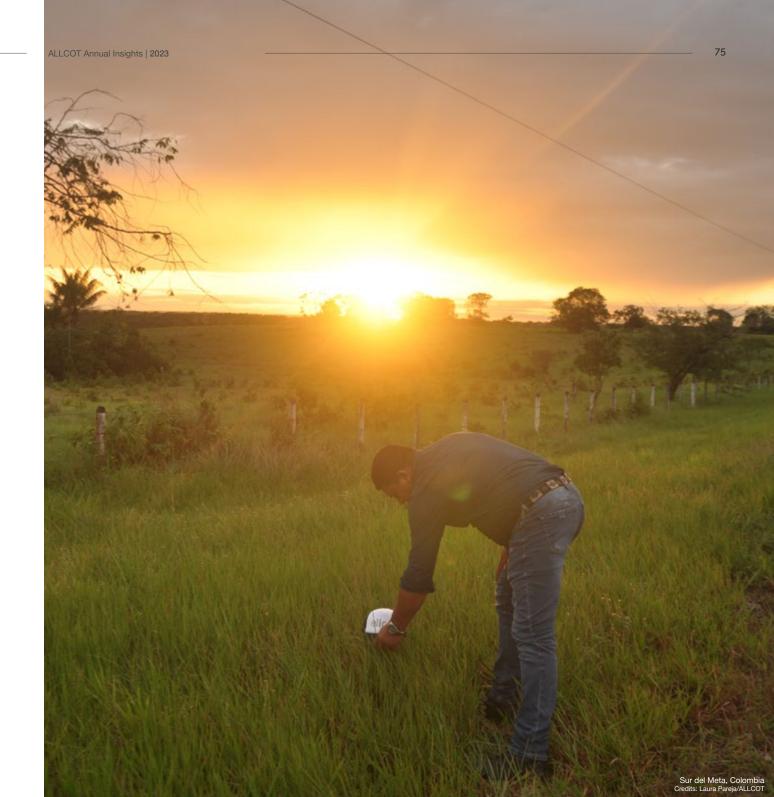
As we reflect on what we've achieved in 2023, we're feeling optimistic and confident about what's next. ALL-COT is poised for continued growth, and we are excited about the opportunities that lie ahead.

We extend our deepest gratitude to all of ALLCOTars, to our customers, partners, and investors.

Woodside, Carbon Growth, University of Ziguinchor, Conservación Internacional Colombia, Mere Plantations, CIDR Pamiga, Aztivate, SONAGED, Direction de l'Environnement et des Etablissements Classés du Sénégal (DEEC), Direction des Aires Marines Communautaires Protégées (DAMP), Direction des Eaux, Forêts, Chasse et de la Conservation des Sols, Direction des Parcs Nationaux (DPN), Espacios Naturales y Desarrollo Sustentable (ENDESU), Climasoluciones, SURECO and Partners, Cuatrecasas, Producepay, SGS, Basura Cero and Forestry Consulting Group.

Your support and dedication have been instrumental in our success.

Thank you for being part of our journey.





## In Loving Memory

#### Danilo Villafañe

It is with heavy hearts that we bid farewell to Danilo Villafañe, governor of the Arhuaco people, who departed from us in 2023. Danilo was not just a leader; he was a fervent advocate for environmental conservation. His legacy is etched in the very soul of the Sierra Nevada de Santa Marta, a region he defended throughout his tenure.

Danilo's spirit, dedication, and passion for the region have left an indelible mark on our collective consciousness. His love for the land and its people is a legacy that transcends time.

In memory of Danilo Villafañe, we pledge to carry forward the torch he lit, preserving and protecting the beauty of the Sierra Nevada de Santa Marta for generations to come.



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