

# FOSTERING THE FUTURE OF CARBON PROJECTS IN FAIRNESS AND EQUITY

SALY, SENEGAL  
SEPTEMBER 2 TO 9, 2022

Photo of the Casamance River, Senegal. Credits Wetlands.org

ORGANIZED BY:

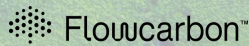


Carbon Markets  
Fairness Foundation

WITH THE SUPPORT OF:



CERCARBONO  
Certified Carbon Standard





## Executive summary

By 2030 Africa will have to invest more than USD 3 trillion in mitigation and adaptation in order to implement their Nationally Determined Contributions (NDCs), a significant portion of which will need to be channeled to West Africa. Analysis suggests that West African countries have received only 4.4% of global flows from major climate finance funds since 2006. Other developing countries are in a similar situation.

The Carbon Market Fairness Foundation aims to build carbon market schemes that allow and ensure the equitable and fair distribution of market benefits among all participants involved in the projects. The goal is to ensure environmental integrity, community development, and effective instruments to promote greater climate ambition and transparency in carbon markets.

In this regard, the Foundation decided to held the Workshop: Fostering the Future of Carbon Projects in Fairness and Equity, which took place from the 2nd to the 9th of September, in Saly, Senegal. Guests from the UNFCCC, public and private sector entities, and NGOs, met to discuss the future of carbon markets and the Foundation.

Also, they had the opportunity to visit two projects, a blue carbon project that is being developed in mangrove plantations as well as the village population working on its reforestation and the energy efficiency project of cookstoves. Both developed by ALLCOT and driven to archieve sustainable development in West African communities.



# Introduction

The "Fostering the Future of Carbon Projects in Fairness and Equity" workshop was held in Saly, Senegal. Organized by the Carbon Markets Fairness Foundation and ALLCOT; sponsored by EcoRegistry, Cercarbono, Senken, and Flowcarbon; and supported by UNFCCC. We had the participation of 54 people coming from different countries in Africa, Europe, and the Americas.

The main objective of this encounter was to discuss the importance of fairness and integrity in carbon markets, focusing on how these values are essential for Greenhouse gases mitigation projects. Therefore, it was divided in two parts a one-day site visit followed by a three-day-workshop.



From left to right: Sandra Pinzon, Andres Correa, Ousmane Fall Sarr, Boukar Koura Yagana, Massamba Thioye, and Juan David Duran during a team session in the workshop.

Boukar Koura Yagane, Colonel in the Ministry of the Environment of Niger.

During the event, the participants had the opportunity to see ALLCOT's ongoing projects in the country. They visited the Blue Carbon Mangrove Project, which focuses on planting new seeds in order to restore the ecosystem. Likewise, the guests met the Diola Community at ALLCOT's most recent project related to the distribution of efficient cookstoves in different areas of Senegal.



Visit to the Blue Carbon Mangrove plantation.



Alexis Leroy greeting leaders of the local community.



Demonstration of one of the efficient cookstoves during the visit to the community.

The event concluded with a three-day-workshop focused on carbon market fairness, community impact, innovation, and technology. High-profile speakers such as Alexis L. Leroy; CEO and Founder of ALLCOT, Ousmane Fall Sarr; ALLCOT Coordinator of the West African Alliance on Carbon Market and Climate Finance & founding member of Carbon Markets Fairness Foundation, Patricio Lombardi; Secretary General of Carbon Markets Fairness Foundation, and Government representatives from neighboring African countries, along with other experts, participated in the seminar.

# About the foundation

The Carbon Markets Fairness Foundation was founded in view of the urgency to find tools to assist countries in increasing their climate ambition and the rapid development of carbon markets in the world.



The Carbon Markets Fairness Declaration was signed during the Climate Summit in Cartagena, Colombia. Its official launching was in the framework of COP 26 at Glasgow, UK, with the participation of Colombia, Dominican Republic, Argentina, Ecuador, and West Africa.

The foundation's goal is to create a strategic alliance between regions that share the same vision of protecting environmental integrity and equity to the benefit of the community. The key objective is to collaborate on common issues and strengthen their goals in international discussions.



**Patricio Lombardi's declaration**  
**General Secretary of the**  
**Carbon Markets Fairness Foundation**



"We organized a Workshop in Senegal along with leaders from West Africa and Latin America, since we have much to contribute and propose to this global crisis, we had the opportunity to redefine our position as environmental creditors, that is why we say: conservation without money is just conversation..."

Under these concepts, at the last COP in Glasgow, we signed the beginning of the spirit of the Carbon Markets Fairness Foundation, creating a coalition with a shared holistic approach of respect for our environmental integrity and fairness in carbon markets.

From our foundation, we want to emphasize this approach, where the benefits generated from the carbon market will only be scalable if we strengthen the conditions of social equity and transparency in the projects, as we saw during our site visits to Casamance, Senegal".

# About fairness and equity

Ousmane Fall Sarr wore three hats during the event: first, Coordinator of the West African Alliance on Carbon Markets and Climate Finance; second, Founding member of the Foundation and finally, Business Developer Advisor West Africa of ALLCOT. He has always emphasized two concepts in the carbon market: fairness and equity.

He quoted:

*" After the successful launching of our Carbon Markets Fairness initiative in Glasgow last year, we've got a great opportunity in Saly-Senegal, to strengthen relationships between west african and latin american countries and pave the way for a fruitful future collaboration. The newly created Carbon Markets Fairness Foundation will have to play an instrumental role in expanding the initiative in the Global South and achieving our ultimate goal of making Carbon Markets work for the poor and vulnerable communities in a sustainable manner. See you in Sharm El Sheik for an other step in our common constructive experience".*



Ousmane Fall Sarr intervention during the workshop.

## Ousmane Fall Sarr



From left to right: Abdou Aziz Diedhiou, Ousmane Fall Sarr, Ousseyni Ousseyni, Massamba Thiouye, El Hadji Baillo Dieye, and Fabio Arjona.

The purpose of creating the coalition is to promote the sharing of experience among member countries.

To illustrate this concept, Ousmane cited the example of Colombia, which sells a ton of reduced carbon emissions at 30 dollars, while the best price Senegal could get was 10 dollars, and that was in 2008 - 2012. Therefore, a learning curve must be taken for some countries like Senegal.



Alexis L. Leroy  
Founder & CEO of ALLCOT

"Less than a year ago, the Declaration for Equity in Carbon Markets was made in Cartagena. It is wonderful to see that the idea has become a movement. What we witnessed at SALY, where 7 countries, the public and private sector, academia and civil society (NGOs), as well as blockchain and smart contract innovators, were represented, sets a unique precedent. All participants demonstrated a strong commitment to finding the tools and means for transparency, integrity, fairness, efficiency, and ambition in carbon markets.

Let SALY set the tone for Sharm el Sheik".

# Idrissa's Dream

During the first speeches, talking about carbon markets fairness and new technological tools, Idrissa Diatta, project manager of the Senegal's National Integrated Waste Management Company (SONAD), had an intervention that had a deep impact on the participants of the workshop.



Idrissa Diatta talking about his dream during the workshop.

He stated the following:

***"I hope to see the day when men and women in rural areas buy an efficient stove and review their daily contribution to reducing greenhouse gas emissions through an app. Furthermore, it would be remarkable to find a form of payment for each person who joins the initiative. Surely this would reinforce the concept of innovation, justice, and equity that we seek in the foundation".***

**Idrissa Diatta**



Local woman using an efficient stove to prepare rice.

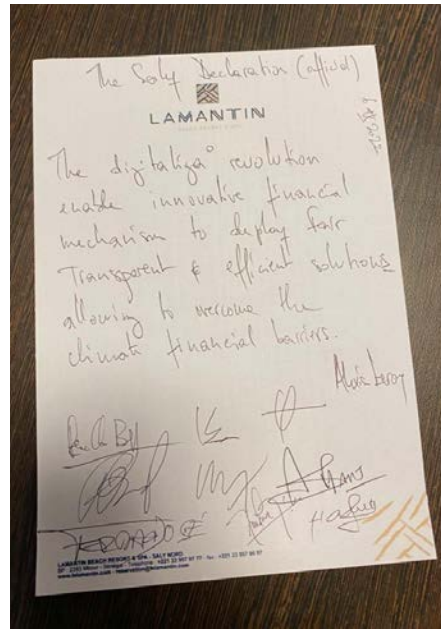


Reception of the group by local women from one of the communities participating in the cookstove project.

# The Saly Declaration

The first group activity of the workshop consisted of identifying barriers for the sustainable development of voluntary carbon markets at the social, economic, and environmental levels.

Thanks to this task, a consensus was reached and the Saly declaration was written. This statement summarizes and highlights the purpose and future of the foundation.



The Saly declaration

Statement:

***"The digitalization revolution enables the innovative financial mechanism to deploy fair transparent and efficient solutions allowing to overcome the climate change financial barriers".***



A Workshop Team holding the solution proposal to a case study.



A Workshop Team holding the solution proposal to a case study.



# Sponsor's Declaration

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"The South coalition is allowing everyone to learn from different experiences and cultures from far away places around the world. One finds out that the cultures are similar, and the purpose for nature conservation is the same. This had helped us understand ways in which we can provide a solution to the climate crisis. Bringing this climate-positive experience is an advantage for innovation in new corporations".



**Juan David Duran**  
Executive Director of EcoRegistry



**Adrian Wons**  
Co-Founder & CEO of Senken

"I share Idrissas's dream: Leveraging technology for planetary health. If we apply technology in the right way we can foster a fair and equitable carbon market".

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# Sponsor's Declaration

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"We believe there's tremendous potential for digital technology to reduce the time to market for high impact carbon projects and promote the equitable distribution of economics to local stakeholders actively performing activities fighting climate change. It was encouraging to see such a genuine interest in carbon market innovation and technology in Africa; this further affirms our belief that the project financing and supply side solutions we are developing at Flowcarbon will be well received in the global south'.



**Nick Chen**  
Head Of Finance at FlowCarbon



**Carlos Trujillo**  
CEO of Cercarbono

"From Cercarbono it's really important the equity in carbon pricing and to understand the communities. We had the opportunity to meet great people in Sally with amazing ideas to develop the carbon market".

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# Saly on Social Media



**adrianxyz.eth** @mr\_adrianxyz · Sep 1 ...

On my way to Senegal 🇸🇳 can't wait to explore what we can achieve together.  
I'll keep you posted 🙌

#CarbonMarketsFairnessFoundation  
@ALLCOTGROUP @clim8collective  
@wearflowcarbon @Cercarbono @EcoRegistry

**ALLCOT Group** @ALLCOTGROUP · Sep 1

👉 "Fostering the Future of #CarbonProjects in Fairness and #Equity" workshop will be happening in #Saly, #Senegal from September 2nd to 9th, organized by ALLCOT and the #CarbonMarkets Fairness Foundation. Click here to learn more 📄 [lnkd.in/g/NWZ22JF](https://lnkd.in/g/NWZ22JF)

Show this thread



**Basura Cero Global** @basuraceroglobal · Sep 7 ...

En el evento que fomenta el futuro de los proyectos de carbono con justicia y equidad, realizado del 2 al 9 de septiembre en Senegal, se ha destacado la necesidad de la #equidad y la #integridad en los #MercadosDeCarbono @basuraceroglobal @ALLCOTGROUP @SosSemana @MinAmbienteCo



**ALLCOT Group** @ALLCOTGROUP · Sep 12 ...

👉 We are thrilled to announce that we have partnered with @wearflowcarbon, a top provider of #CarbonReduction solutions, to pilot the development of a "#Blockchain-first" 🔗 carbon reduction projects. Read the full article here ➕



allcot.com  
Flowcarbon will partner with ALLCOT to tokenize carbon credits in joint projects



**ALLCOT Group** @ALLCOTGROUP · Sep 8 ...

ALLCOT and the #CarbonMarkets #Fairness Foundation are co-hosting the workshop "Fostering the Future of #CarbonProjects in Fairness and #Equity" 📄 (September 2-9, #Saly, #Senegal 🇸🇳), which is also supported by @Cercarbono, @EcoRegistry, @senken\_io, and @wearflowcarbon.



**Sergi Quadrat** @ClimaLoop · Sep 8 ...

Inspiring visit to our projects in #Senegal 🇸🇳 where @ALLCOTGROUP is distributing #cookstoves 🍳 and restoring #mangrove 🌿 to help #coastalcommunities in its #adaptation to #ClimateChange. Thanks to the team for the implementation of #NatureBasedSolutions in #Africa



**EcoRegistry** @EcoRegistry · Sep 12 ...

We visited a blue carbon project that @ALLCOTGROUP is developing in Senegal. Our CEO was there to identify technologies and opportunities and exchange knowledge about Registry systems and Article 6 implementation.

#equityforcarbonprojects #mangroves #bluecarbon #climateaction



# Day to day experience

On the 1st day of the trip, a group of 54 people from 12 different countries arrived in Saly, a municipality located in the Petite Côte region of Senegal.

All participants were eager to learn more about ALLCOT's carbon projects, the impact on the communities, and the future of the Carbon Markets Fairness Foundation.

On day 2, the participants flew to Cap Skirring, a city in southern Senegal, near the border with Guinea-Bissau. On the way to the airport, there was a heavy storm making us feel the rainy season.



The group boarding the plane to Cap Skirring



Ziguinchor region map drawn by hand at the hotel.



Group arrival to Hibiscus Hotel, Cap Skirring.

The third day was dedicated to visiting the carbon projects. It all started with an early morning at Cap Skirring to leave on time for the port of Ziguinchor. Everything was calculated minute by minute so that the tide was low and the planting of mangroves could be seen.

In Ziguinchor the groups were divided into boats to take us to the mangrove plantation on the Casamance River. The timing was perfect to see the technique to plant mangroves efficiently.

We then continued the course toward the community living next to the mangrove and participating in its protection. During the ride, we saw crabs, fish, clams, and the rich biodiversity of mangroves that would benefit from the project.



ALLCOT Senegal team member during the demonstration of mangrove plantation.



Live demonstration of mangrove plantation.



Reception of the group by local villagers ahead of the cookstove project demonstration.

In the village of Djilakone, we had the pleasure of being greeted and welcomed by the Diola community and its leaders. We saw a demonstration of both cookstoves for charcoal and wood. It was amazing to experience how the community is involved in this project and explained it in detail.

The community gathered us in the main house where the leaders explained the benefits of protecting the mangrove for them. Coupled with the use of efficient cookstoves these carbon projects offered a noticeable improvement of life quality for their people.



Group meeting with community leaders.



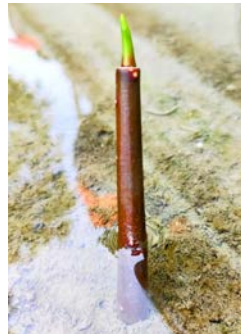
Locals explaining the cookstove project.



Alexis Leroy talking about the importance of community involvement in carbon projects.



From left to right: Fabio Arjona; Vice President of CI Colombia, Alexis Leroy; Founder and CEO of ALLCOT, and Carlos Correa; Former Minister of Environment of Colombia during the mangrove visit.



Mangrove seed after being planted.

The cookstoves that ALLCOT has distributed to the communities can reduce fuel consumption (mangrove branches or charcoal) by up to 60% and shorten the cooking time of meals. Likewise, smoke emissions are reduced, which improves the health of the population (reduction of respiratory diseases) and minimizes the environmental impact. ALLCOT has already distributed over 3000 cookstoves in Senegal.



Traditional stoves using mangrove wood.



Two types of efficient cookstoves.



Meeting with leaders of the local authorities and entities in Ziguinchor.

On the 4th day, a meeting was held with David Diatta; the mayor of Kafountin, Maurice Diedhiou; the department council of Oussoye, Assane SECK University of Ziguinchor, and the local environmental authorities. The group exchanged opinions on the scientific knowledge of coastal ecosystems and the importance of the union between private industry, NGOs, and universities to achieve development that works for communities and a sustainable future.

Back to Saly, the workshop began with: "Fostering the future of carbon projects with justice and equity." The first to speak was Ousmane Fall Saar, General Manager of ALLCOT Senegal, who addressed the need for a carbon market that includes fair prices, innovation, equitable profits, and low transaction costs.

Alexis Leroy, founder & CEO of ALLCOT, followed. He emphasized that carbon credits are not a commodity. "We don't want the community to think money-wise and take advantage of the money circulating in the market, we want them to think human-wise and make them understand their positive impact".

Patricio Lombardi, General Secretary of the Carbon Markets Fairness Foundation, took the stage and talked about the close relationship between planetary health and human health.

To end the session, a group activity led us in to the Saly's declaration.



Panel with Cheikh N'diaye Sylla, Vice Minister of Environment and Sustainable Development of Senegal, Marcia Levaggi, Ambassador of the Argentine Republic in Senegal, and Baba Drame, National Director of the Senegal Environment Agency, focusing on the public figure action on climate change.



Carlos E. Correa, Former Minister of Environment of Colombia, alluding to all the projects that have been carried out in Colombia for the benefit of nature and communities.



Raphael De Ry, Partner at ALLCOT group.



Alexis Leroy, Founder and CEO of ALLCOT and Adrian Wons, Ceo and Co-founder of Senken.



The second day of the workshop focused on innovation in the carbon markets. Mr. Massamba Thioye, UNFCCC Project Executive, opened the day by talking about innovation and climate change. His presentation enabled a holistic perspective on the topic with innovation offering a new perspective on sustainable development.



Mr. Massamba Thioye, talking about how innovation can support climate and sustainability.

The day's focal point was the main cases of blockchain applications for sustainable development goals. In this session, several experts on the subject took the floor.



Ikarus Janzen during his presentation.

Ikarus Janzen, Ambassador of the Climate Collective part of the ReFi movement (Regenerative Finance), talked about how blockchain is key to the carbon market and explained the concept of nature backed currencies.

Adrian Wons, CEO and co-founder of Senken, stated that the market is growing exponentially, so it's time to put royalties on transactions to finance communities and conservation.



Adrian Wons, addressing blockchain as a key factor in scaling carbon projects.

In the need for transparency in carbon markets, Juan David Duran, executive director of Eco-Registry, explained how blockchain technology is crucial. He explained how to register and buy carbon projects transparently and efficiently.



Juan David Duran giving his speech.



Andres Correa explaining how carbon projects are being certified.

Andrés Correa, founder and board member of Cercarbono, reminded us that the certification of a project in the carbon market is an arduous process, together with EcoRegistry they built an alliance that is facilitating this process.

Finally, Nick Chen, Head of Finance at FlowCarbon, noted how blockchain would scale carbon projects. He explained how this technology democratizes access, allows transparency, and immutable monitoring of projects and transactions.



Nick Chen, addressing the financial approach to the carbon market.

The third day of the workshop focused on sharing, co-creation, and partnering as key players in the carbon market innovation community. What was shared most was that the event allowed meeting experts, and passionate doers and see hands-on projects, especially highlighting the trip to the mangroves (which almost 50% gave as their highlight). Seeing the actual work gives the community a sense of pride in what is already being achieved and can lead to more practical and actionable take-homes and ripple effects. At the same time, there was a call to push for more holistic, simple, and measurable solutions — utilizing technologies like blockchain — while respecting local differences and gender.



Jean Marie, ALLCOT Senegal team member, explaining the distribution and community use of more efficient cookstoves in Senegal.



Ousmane Fall Sarr and Patricio Lombardi, founding members of Carbon Market Fairness Foundation on the closing of the workshop.



Third day work table.

After the shared perspectives, we went back into the practical work with talks by Modu, Jean-Marie, and Angelica who went in-depth about the groundwork that forms the basis for building projects for carbon credits.

In the last session, the group was asked to identify the opportunities, barriers, and next steps for future carbon projects using the Saly Declaration and Idrissa's Dream as pillars. The guiding principles were defined as follows:

- **Design tech builds with local communities, then open source.** Blockchain and developers should work closely with local communities, then open source.

- **Get the incentives right!** We should be thinking about points rewards and accessibility to crypto wallets and chains with low gas fees to incentivize communities.



Last meeting co-creation activity between blockchain developers and on-ground project developers.

- **Objective data capture helps to finance.** Capturing impact data will lead to more financing for the projects being captured. — for example from satellite data imagery.
- **Consider more contexts for cookstoves.** Implement the project in different segments to improve its reach. Efforts can go into communications around use, perhaps a YouTube channel with communities sharing recipes.
- **Alternative energy sources and local manufacture of cookstoves.** Suggestions for alternative fuels and renewables were presented. Cookstoves should be locally made with innovative designs and lower the actual price.

**Thank you all for your kind participation.  
We look forward to seeing you at COP 27.**



Group arriving to the port of Ziguinchor.

**[Click here for more details about  
the Saly event!](#)**

Photos, videos, full power point presentations and more.

**Stay in touch**



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