

# ANNUAL REPORT 2018



BUILDING  
SOLUTIONS  
TO TACKLE

**CLIMATE CHANGE**



**LowCarbonCity**

# Content

Presentation	2
Who we are	3
Our impact	4
Social networks	5
Acknowledgments	6
Our contributions to the SDGs	6
Our work	7
Low carbon and resilient neighborhoods	8
Modal: Sustainable Mobility	10
Green Universities	11
Climate Entrepreneurship	12
Climate Finance	13
Education and awareness raising	
Tactical Urbanism:	14
Photography Contest	15
Collaboration in Events	16
III Low Carbon City World Forum	17
Online conversations	18
Advocacy and Awareness raising activities	19
Our carbon footprint	19
Media and press coverage	20
Our partners	21
Team and volunteers 2018	22
Testimonials	23

# Presentation

For the last three years, we have been building collective solutions to tackle climate change in cities. Through a collaborative effort with the public, private sector, civil society and academia, we have mobilized 36,000 citizens in more than 100 cities across the world. During 2018, we focused our efforts on placing in the public agenda topics such as climate finance, green universities, climate entrepreneurship and sustainable mobility, as key elements for the fulfillment of global climate goals. We also consolidated our Low Carbon City World Forum whose third edition was held in Paris with 3,700 participants, where citizens were protagonists with tangible solutions for their communities.

We present below a compilation of the more than 70 activities and projects carried out during 2018, where we educated and raised awareness about climate change and behavioral changes; connected citizens and experts to collaborate; and created collective solutions together with communities, public and private actors, and academia.



# Who we are:

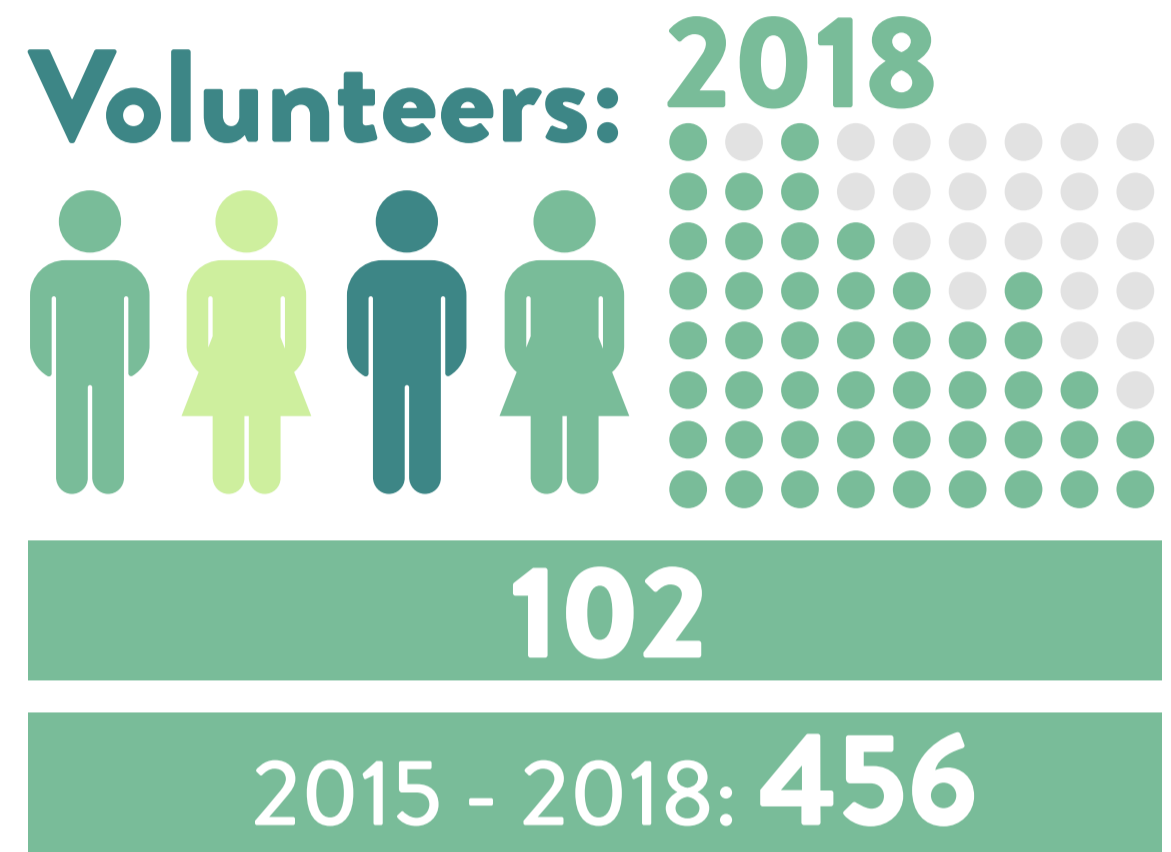
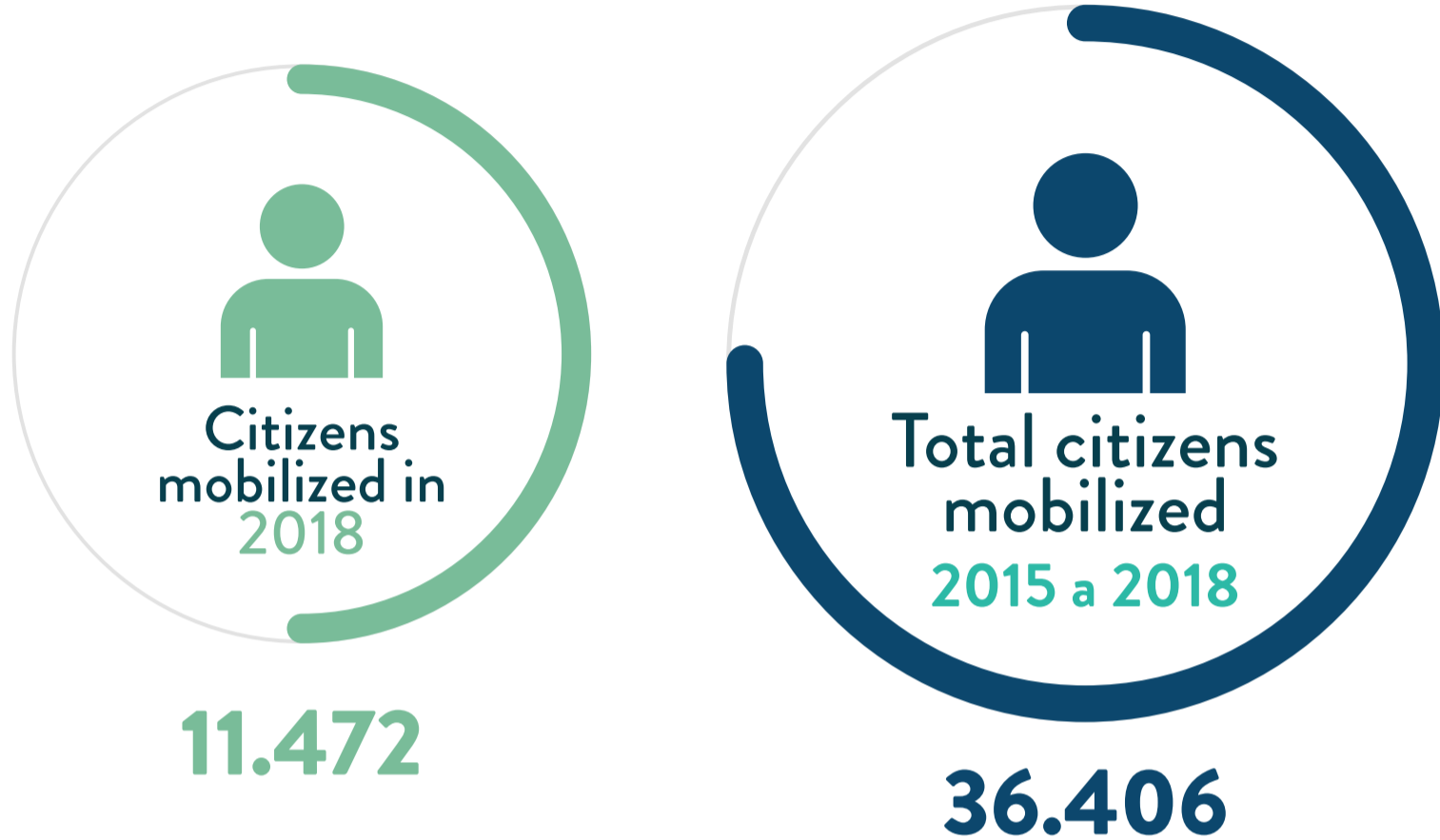
We are a global impact organization that works for the collective construction of solutions to tackle climate change.

**We educate** people to generate behavioral changes and bring citizens closer to solutions.

**We connect** experts and citizens to collaborate.

**We create** solutions together with communities, companies, governments and universities.

# Our impact



# Social Media

25.365

Followers

Social Networks have been an important tool for mobilization, diffusion and information.



6394



15400



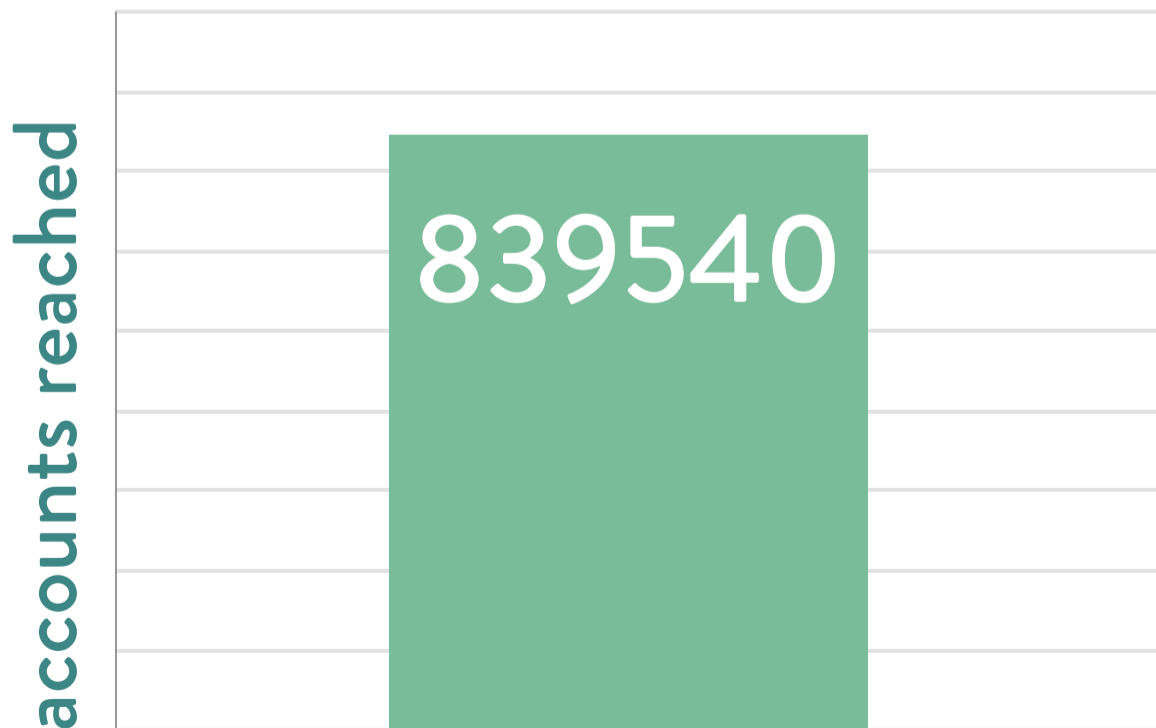
3061



230



280



Active impressions and engagements across our platforms

We seek to articulate collective solutions through the participation of our audience, and the inclusion of citizens in the knowledge of low carbon cities.

# Acknowledgments



THE COLLECTIVE

The Collective Global Accelerator (CGA) from London, recognized us our work among 4600 applicants from all over the world, as one of three organizations of environmental impact in cities.

## Our Contribution to



# Our Work



LOW CARBON AND RESILIENT  
NEIGHBORHOODS



SUSTAINABLE  
MOBILITY



GREEN  
UNIVERSITIES



CLIMATE  
ENTREPRENEURSHIP



EDUCATION AND  
AWARENESS RAISING



CLIMATE  
FINANCE



# LOW CARBON AND RESILIENT NEIGHBOURHOODS



We seek to implement solutions in neighborhoods through tailored interventions in defined areas that are built hand in hand with the community.

## Projects

### MORAVIA

Moravia is a low income neighbourhood with a special history, it started as an informal settlement built around the former municipal landfill in the mid XXth century. As Colombia's population transformed from rural to urban, and as the conflict influenced displacement, Moravia attracted new urban dwellers. Moravia developed a specific identity around the economic opportunities of recycling and a close knit solidarity among the diverse inhabitants. Because of this specific history, environmental conditions and social structure Moravia is an important and innovative space to develop urban interventions and build collective sustainable solutions.

We participated in the co-creation of the Spring School together with Urban Lab Medellín-Berlin in March. Together with community leaders and students from german and colombian universities, we



co-created a sustainable prototype in environmental education, food, health, urban agriculture, public space and greenspaces in the Moravia Morro.

We conducted a pilot project building urban gardens with the community, as well as planting and gardening workshops, in partnerships with the following organizations: Jarúm Cojardicom, the Botanical Garden of Medellín, Colectivo Verde and the Irradia Foundation in el Morro.

We participated hand in hand with Urban Oasis and other social organizations as a collective, in the "Tropical Workshop" the project that allowed for the creation of the Moravian Environmental Classroom, an Urban Orchard, a rainwater harvesting system and a dry bathroom for the benefit of Moravia's Inhabitants.

With Cojardicom we promoted a communal planting action, with soil decontaminating plants, where more than 100 children of all ages enjoyed the experience of sowing and planting in an urban context.

# LOW CARBON AND RESILIENT NEIGHBOURHOODS



## Projects

### EL TRIANÓN:

In the Trianon neighbourhood of Envigado in Medellin we developed two projects to promote Low Carbon and Resilient Neighbourhoods. The Avina Project: Within the framework of the Seed Fund Project of Action LAC, we developed a pilot for the management of organic waste, with composting workshops and the implementation of a digester bale.

Video



### THE ORCHARDS PROJECT:

We connected active citizens for the physical improvement and productivity of the Trianón garden and orchard thanks to AGROURBANO.

# MODAL: SUSTAINABLE MOBILITY



We promote sustainable mobility in organizations as a direct way to reduce emissions in our cities. 1.380 people impacted.



## SUSTAINABLE MOBILITY COURSE:

We designed a non-formal education program aimed at decision makers, mobility managers and collaborators to promote sustainable mobility in companies, with tools and alternatives to build Sustainable Mobility Plans in Medellín.

## MES PLANS:

In Medellín sustainable mobility is governed by a metropolitan area directive that stipulates that organizations with more than 200 employees have to submit a sustainable mobility plan before 2020, these plans are called MES plans. We guided the diagnosis and formulation of the Sustainable Mobility Business Plans of Locería de Colombia and the Botanical Garden of Medellín.

# GREEN UNIVERSITIES



Colombia included the university networks as one of the implementation tools to fulfill the commitments in the Paris Agreement, one of which is cutting emissions 20% by 2030. That is why we wanted to put on the public agenda the importance of universities as relevant actors that can contribute to the achievement of these policies while promoting transformations from pedagogy, education, research and infrastructure, through the First Green Universities Forum. The Forum was held on April 17th and 18th in partnership with EAFIT University.



**Report in Spanish**

**Videos**

**22** International and Colombian speakers

**9** Talks

**350** Participants

**7** Workshops

**11**

# CLIMATE ENTREPRENEURSHIP



We believe in climate entrepreneurship as an essential tool to reduce emissions in our cities and promote green growth.

## The Climate Entrepreneurs Summit:

Brought together citizens, entrepreneurs, environmentalists, representatives of the public, private and academic sectors, around a group of the most innovative entrepreneurs in the world, in order to inspire more people to work in the field of climate change and find solutions to reduce emissions and build more resilient cities. Through the promotion of climate entrepreneurship, instruments were generated to foster the country's green growth agenda, public policy on climate change, and compliance with the SDGs.

## Report in Spanish

**“We connected SIATA with OpenAQ, the largest open data platform on air quality in the world. The Medellín air quality data can now be compared with other cities”**



**500** Participants  
**12** Speakers  
**9** Countries  
**9** Allies  
**2** radio and tv interviews, and two press articles  
**8750** accounts actively engaged through social media (in, Tw, Fb e Ins)

**Comfama Entrepreneurs Networking event:** Thanks to Comfama and its entrepreneurship promotion department, a networking space was provided within the framework of the Climate Entrepreneurship Summit, on this occasion more than 60 local and regional entrepreneurs had the opportunity to exchange experiences with 11 of the most disruptive international climatic entrepreneurs.

**Seed Workshop:** With the help of Reflejarse, we supported the implementation of the SEED workshop, a United Nations and IUCN supported initiative that promotes the creation and strengthening of eco-inclusive ventures and businesses. Successful business models were shared with local entrepreneurs on the topics of plastic recycling and solar distribution in disconnected areas. These entrepreneurs were inspired, and connected with other successful entrepreneurs to generate synergies and activate their own business initiatives in Colombia. 68 participants.

# CLIMATE FINANCE



Climate finance refers to the different mechanisms and instruments that allow the financing of mitigation and adaptation activities to, through both public and private funds. In other words, all the initiatives that seek to channel resources towards reducing carbon emissions and building resilience.

On July 25th we held the "Climate Finance Forum: available instruments and challenges for Colombia", to learn about the different tools and mechanisms available for climate financing, as well as the actors who are currently leading these issues in Colombia.



The Forum, an open and free event for all interested publics, brought together experts from private organizations and national and international governmental entities such as ISA, South Pole, CAF, Bancoldex, Bancolombia, GGGI, Findeter, Natura Foundation, and the Colombian National Planning Department; around issues such as market mechanisms, voluntary carbon market, payment for environmental services, green and blue bonds, and carbon taxing, among others.

- 200** Participants
- 13** Speakers
- 10.930** Active engagements through social media (In, Tw, Fb e Ins)
- 4** Allies
- 4** Press and blog articles

[Report in Spanish](#)

[Streaming](#)

# EDUCATION AND AWARENESS RAISING



## Tactical Urbanism: Free Ice Cream. 30Days4Climate

On June 29th we took to the streets of London to raise awareness of the impact of our daily actions on climate change. Antarctica melts three times faster than ten years ago, to illustrate this we gave away free ice cream to pedestrians walking by, and while they could see their ice cream melting, due to the weather, we invited them to take on 30 challenges to change their behaviour and become more sustainable.

This action was within the framework of our 30Days4Climate global pledge campaign that participants can join and follow online.



1

“I commit to eating less meat, using my own bags when I go shopping, buying organic foods with less plastic. Using home made beauty and cleaning products. And Trying to use more public transport”.

Émilie Chauvirey,  
Danjountin

2

“I commit to reduce my plastic consumption by washing my ziplock bags.”

Thomas Lair, Wilmington

3

“ I commit to avoid printing unnecessary documents and to use my bike”.

Natalia Estefanía Díaz,  
El Bagre

# EDUCATION AND AWARENESS RAISING



## International Photography Contest

We launched the second version of the international photography contest "Show the Change: Impacts and solutions to climate change", with the goal of building a visual panorama of the problems and opportunities that emerge from tackling climate change in an urban context.

**18** Participants from different countries

**6** international juries from Colombia, Mexico, France and Germany

**2821** active engagements in social media

**12** Finalists

**3** Award recipients



1st place: Storm | Edinson Ivan Arroyo Mora | Colombia



2nd place: Ren Yidi's expedition | Tim Franco | France



Winner of the public: Barrio La Chacarita | Andrés Carmona Arango | Colombia

Exhibits: The exhibit with the twelve finalist pictures was shown at the Chamber of Commerce in Bogotá, at the French Ambassador's residence in Bogotá and at the art gallery Taller Deúiti in Envigado, Medellín.

A roundtable on the topic of "Telling the story of Climate Change: Behind the Camera".

**Video**



# EDUCATION AND AWARENESS RAISING



## Public Event Partnerships:



Photos: Echoing Green

We were part of the organizing committee of the All Fellows Conference, an annual gathering of Echoing Green's global community of extraordinary social entrepreneurs. This year the event took place in Medellín, to learn from the country's unique history of powerful grassroots and community-led movements within a post-conflict environment, as well as the city's story of rapid transformation, growth, and inspiration.

[More Information](#)

We supported and participated in the Forum "Is Colombia prepared for Climate Change? Challenges and Opportunities" with EIA University. 90 participants

[Streaming Part 1](#)

[Streaming Part 2](#)

[Streaming Part 3](#)

We supported the organization of the Convergences Forum 2018 "Zero Exclusion, Zero Carbon, Zero Poverty: Together for the transition to sustainable communities and territories" in Bogotá, with 260 participants, 13 sessions, 60 speakers and 1 learning expedition through Bogotá.

[More Information](#)

We joined the event 24 hours of Reality of the Climate Reality Project, an innovative live global broadcast event that focuses the world's attention on science, the scope and scale of the climate crisis; in it Al Gore is joined by world leaders and public influencers. In Medellín we cohosted the event in which representatives of the public administration, civil society and entrepreneurial sector joined and discussed the year's topic, Climate Change's effects on Health, and watched the transmission.

[Streaming](#)

**As our mission is collective we believe in taking every opportunity to share and diffuse our message.**

# EDUCATION AND AWARENESS RAISING



## Third Low Carbon City World Forum

**3500**

Participants

**150**

Experts, panelists and workshop facilitators

**80**

Volunteers with a coordinating local team of four people

**6 kg**

Kg of non-recyclable waste was generated



After the previous editions, organized respectively in Colombia and Mexico, the 3rd Low Carbon City World Forum took place in Paris on the 21, 22 and 23 September 2018, with the idea of bringing back Climate Change to the parisian agenda as a citizen focused initiative this time.

With the title "Building the Cities of Tomorrow" the forum was held at the House of the actors of the Sustainable Paris (Maison des Acteurs du Paris Durable), and in the conference rooms of the city hall of the 4th District of Paris, in parallel, an eco-responsible market was held at the Boulevard Richard Lenoir, to highlight and commercialize sustainable businesses and initiatives.

**"The fourth edition of the forum will take place in Costa Rica in 2019."**

# EDUCATION AND AWARENESS RAISING



## Online Courses and Forums

We promoted virtual conversations between citizens and experts to share knowledge and experiences in addressing solutions for climate change.

**CONVERSATORIO VIRTUAL**  
Soluciones y Estrategias para promover una Movilidad Sostenible

**Lina López** A.M.V.A. | **Martha Arias** INTERCOLOMBIA | **Diego Ospina** Mejor en Bici | **Mauricio Centeno** CamelHub | **Juan Restrepo** Low Carbon City

Curso SOLUCIONES Y ESTRATEGIAS PARA PROMOVER UNA MOVILIDAD SOSTENIBLE en tu empresa | LowCarbonCity | 13 de marzo 2018 / 10:00 a.m. Colombia | En vivo: [www.lowcarbon.city](http://www.lowcarbon.city)

Eco-entrepreneurship for Climate Change

Promoting Sustainable Mobility: Solutions and Strategies

Ciudades Verdes: Arbolado Urbano y Silvicultura

Green Cities: Urban Forestry and Silviculture

Tools for Citizen Participation in Environmental Protection

Experiences and Learned Lessons in Community Agriculture

**27** Experts and citizen leaders

**858** Participants

# EDUCATION AND AWARENESS RAISING



## Advocacy and Awareness raising activities

Through our work we promoted spaces for raising awareness on Climate Change, with lectures, workshops, and talks that reached a public of more than two thousand people.

**In Colombia:** Montessori School, Antioquia's German Educated Professional Association, "Lunes de Ciudad" ( Citizen Mondays) Envigado, Medellin's Youth Pact for Air quality, Technical University of Bolivar.

**Internationally:** Green Buzz Berlin, Urban Future Conference Vienna, Citizen Mondays in Paris, Investing in People to Build Resilient Communities, Echoing Green All Fellows Conference, Global Climate Action Summit, San Francisco.

### OUR CARBON FOOTPRINT



With Incyclo's support we measured the carbon footprint of our events, to proceed with the appropriate compensation. In Total we generated 30.5 Tons of CO<sub>2</sub>, which will be compensated accordingly.

We launched our Carbon Neutral Event Certification, to assess organizations when organizing their events for more sustainability and reduced emissions.





### **Free Press**

We were featured in 42 different blogs, digital media platforms and newspapers. Some examples:

**Collective Solutions to Climate Change  
| USA**

**What can you replace ocean polluting plastic  
straws with? | France**

**Medellin's pact for Air Quality, more intentions  
than obligations | Colombia**

**Urban Metabolism: A Real World Model for Visualizing  
and Co-Creating Healthy Cities | USA**

**Medellin's anti-pollution strategy is mainly  
window dressing: study | Colombia**

**Medellin confirms that its air pollution is  
Colombia's worst | Colombia + Brazil**

**Urban Biodiversity – Is Berlin green  
enough for you? | Germany**

**The Power of Community: All Fellows  
Conference Medellín | USA**

**In Medellín they present projects dealing  
with Climate Change | Colombia**

**An opportunity for countries like Colombia:  
Climate finance | Colombia**

# OUR PARTNERS:



## TEAM AND VOLUNTEERS 2018

**T  
H  
A  
N  
K  
Y  
O  
U  
!**

Carlos Cadena  
Ricardo Zapata  
Alejandro Álvarez  
Florian Lorenz  
Juan Manuel Restrepo

Marie Cavaniol  
Jocelyn Noirot  
Nora Bernstein  
Anna Warnholz  
Arvid Nicolaas  
Roni Kahraman  
Flora Pelissier  
Maya Gryesten Fields  
Louana Lamer  
Victoire Cachoux  
Amina Bouri  
Anouk Lucas  
Leila Bendifallah  
Aurore Spedicato  
Stefan Pravits  
Eileen Niemeier  
Melisa Gomez  
Andrea Giraldo Torres

Juliana Gutierrez  
Oriana Ballesteros  
Laura Bernal Del Rio  
Adriana Calle Jordá  
Gabriela Ruiz

Luisa Fernanda Medina  
David González Martínez  
Alberto Duque Avendaño  
Simon Berthoud  
Yulin Duan  
Eleni Eleftheriou  
Filippos Livieratos  
Alvaro Lobato  
Julia Muller-Kemler  
Juan Pablo Buitrago  
Lina Marcela Cataño  
Diana Constanza Restrepo  
Diana Sepúlveda  
Estefania Cano  
Wania Jimenez  
Natalia Osorio  
Juliana Mesa  
All the volunteers of the Paris Forum



### ELSY TORREGLOSA

“ For me being in Low Carbon City has meant a great experience because they have given me the opportunity to become known nationally and internationally, I have been able to share my knowledge with many people who are also focused on the care and sustainability of the environment . I've learned that you have to work as a team, you have to work in a network to make everything easier ”

Community Lider at barrio Moravia, Medellín



MAXIMILIAN BECKER “ Working with Low Carbon City is always a great adventure with very good synergies, an extension of the horizon to the sustainable world that enriches us in our work of architecture and urbanism. Low Carbon City are wonderful people with a lot of motivation, passion and with heads full of good ideas! ” Urban Oasis, Germany



### MATT BOMS

“ Low Carbon Cities is a premier organization empowering communities to fight climate change in Latin America. At Climate Reality, we are honored to collaborate with LCC. Juliana, Adriana and Oriana have been the ultimate partners in this fight for future generations. ” Climate Reality Project Latin America



### JUAN FELIPE FRANCO

“ Low Carbon City's work is very relevant with the purpose of achieving resilient and low carbon cities in the Colombian context, its articulated action with the community is fundamental in empowering citizens in this process, in particular, I find great potential in the approach that Low Carbon City has with local actors, to work on accelerating the financing of actions on climate change in the territories. Keep up the good work! ”

National Department of Planning Colombia



### CAMILA PAZOS

“ On behalf of Echoing Green we are very grateful for the work and partnership we have created with Low Carbon City. For us this alliance was essential to take forward our global forum of entrepreneurs this past October where we summoned more than 200 social leaders. The entire Low Carbon City team was very attentive of us and supported us in every detail and project. We are very grateful! ”

Echoing Green, USA





### JULIANA RESTREPO

I loved working with LCC. I knew the project before organizing the event with them and the ideas behind them are very powerful and important in every context today. When working with them, I followed those ideas of precision in execution, human quality, creativity, openness to change and very good energy.

**Content Director Parque Explora**



### CHRISTA HASENKOPF

I am incredibly grateful that OpenAQ was able to work with Low Carbon City this year to open up air quality data in Colombia. With LCC's help, we were able to work with SIATA to harmonize the first real-time air quality data stream from the Colombian government onto our global open air quality platform. This was key for allowing others around the world who use the platform to integrate Colombian data into their work on policy, air quality forecasting, and other impactful endeavors. But additionally, the relationship that LCC helped build between OpenAQ and SIATA was particularly special in that it provides a powerful example of a government entity actively working to share their in a more fully open manner. We frequently point to SIATA as a government entity as a shining exemplar of open data practices to motivate other governments in the region and the world to follow in their footsteps. This relationship was made possible entirely because of LCC.

**Founder of OpenAQ**



### MANIK M. JOLLY

The future of this world hinges on the shoulders of us all. And what can be more pleasant than to see a team of young, enthusiastic and highly competent professionals taking on the issues plaguing our planet head-on. Meeting the 'Low Carbon City' team in Medellin, Colombia assured me that till the time we have passionate and driven individuals fighting to save the climate and goodness on the Earth, the human race can look forward to a bright future. The LCC team is not only working to bring the right policies and frameworks in place, working with governments and corporations, but also spreading awareness through all possible channels to every citizen of the city. I am sure that they will not only succeed in their mission, but will also motivate millions of people across the world to do the right thing and create a better world.

**Founder of GRID, India**



### IAN MONROE

Low Carbon City is a multifaceted organisation, they not only manage to be at the forefront of citizen-led initiatives tackling climate change in Colombia, but also create a relevant and innovative platform for all of those interested in sustainability. They bring together diverse actors from across the world in areas as different as the academic, private, technological or public sector, with inspiring effects.

**Founder of Oroeco, Ethos Capital. Stanford Profesor**



**Thanks to all those who have accompanied us in this process. Let's continue building together resilient and low emissions cities in 2019 "**

**Low Carbon City Team**