

ASTRALINTU  
SPACE TECHNOLOGIES

# Communication on Progress Report



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**United Nations**  
Global Compact

**COMMUNICATION ON PROGRESS REPORT**

Reporting Period:

August 2021- August 2022

# Letter of Commitment

We are pleased to present the first Corporate Responsibility report where we will detail the sustainability and transparency strategies that the company has implemented as a pillar in all its activities as part of the commitment to the Ten Principles of the United Nations Global Compact and the Sustainable Development Goals (SDG) in the period 2021 - 2022.

Astralintu was envisioned as a company that inspires people to reach what seems impossible. We look to show that emerging countries are completely capable of being active actors in the space industry as well as we we carry out all our activities commitment to sustainable management, decent work with diversity, equity and inclusion, as well as anti-corruption.

Sustainability is a pillar in the development of our daily activities, we have a team of 3 environmental engineers who make up the company's green team, which is mainly responsible for measuring, analyzing and reducing the amount of waste we generate with our work activities.

**MATÍAS F CAMPOS**  
**CEO & FOUNDER**



**Matias** is an **Ecuadorian engineer** and **space enthusiast**. He graduated from Worcester Polytechnic Institute (USA), where he obtained both his Bachelor's and Master's of Science degrees in Aerospace Engineering and a Minor in Robotics Engineering. Additionally, Matias obtained a Physics teaching license from the state of Massachusetts. Matias started his career in Germany and then returned home to Ecuador to become a space entrepreneur. Matias is the founder and CEO of Astralintu Space Technologies, which focuses on providing in-orbit services that look to grant space access to emerging actors in Latin America and the world.

Additionally, Matias volunteers as the STEM Program Director for the Sideralis Foundation acts as the SGAC's Regional Coordinator for South America, is the current Vice-Chair of the IAF Administrative Committee for Developing Countries and Emerging Communities, and is the Chair of the IAF Latin American and Caribbean Subcommittee. Matias has been recognized as an Emerging Space Leader by the International Astronautical Federation and as a Space Generation Leader by the SGAC. Through engineering and education, **Matías looks to lead and promote the development of the New Space industry in Latin America so the region can attain all its benefits.**

Find out more: [www.astralintu.com](http://www.astralintu.com)



# Our Commitment with Sustainability Inclusivity, Equality & Anticorruption Work Environment

**Astralintu Space Technologies** was founded in 2020 and adhered to the **Global Compact** in 2021, this report is our first edition of the communication of progress, in which we want to detail the efforts that the company has carried out in this first year of association to align its activities with the principles and SDGs of the **United Nations** and the **Global Compact**.

As a space service in orbit company, **we are committed to sustainability**. The increasing use of space brings socio-economic benefits now and in the long term.

We carry out our activities with the aim of reducing, reusing, and recycling the waste generated in the day-to-day running of the company.

With the creation of a digital database for most of the company's documents. we want to reduce the use of paper and plastic to a minimum.

Implementing **teamwork, respect**, and a **good work environment** as **pillars** for day-to-day interactions.

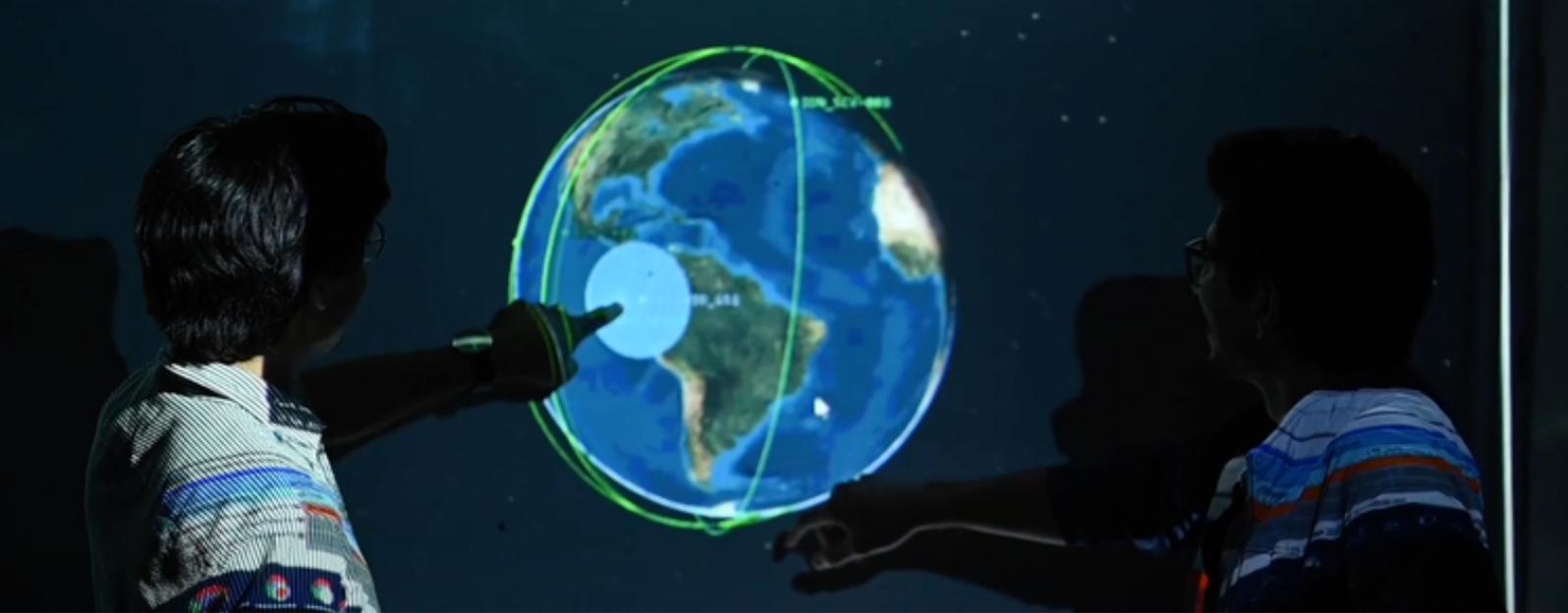
Committed to developing anti-corruption policies for the following year we look to take care of each one of Astralintu's collaborators.

# Mission, Vision & Mantra



**Just like the hummingbird** that represents us and its role in Incan legends, **Astralintu's goal is to be the bridge that connects the Latin American region and its people to the benefits of space.** By providing integral integration to orbit and data downlink services we look to accelerate the deployment and operations of valuable payloads of scientific and commercial interest in orbit.

Traditionally Latin American countries have not been a key part of space. Now, as government-run space exploration is taking a step back, the age of New Space where private companies are taking the lead is underway. This opens the door for Latin American companies to be part of the exponentially growing industry and not be left behind by the economic and technological developments that come for the benefit of our society. As our mantra says: we are committed to emerging together connected through space.

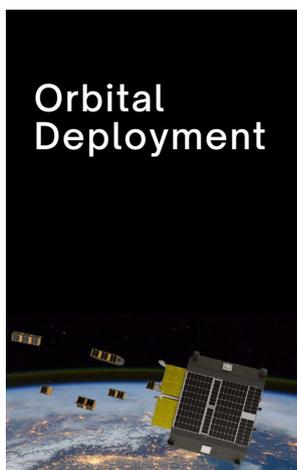


# Business Overview

Astralintu's main office is located in **Quito, Ecuador**; however, our collaborators and partners are from all over the world, expanding our area of influence and impact.

Our service portfolio offers integral mission deployment from payload integration to launch as well as mission operations and secure data downlink. We can also assist our customers with the exact solutions needed for a successful mission. Whereas it is only launch procurement or ground segment operations **our team of engineers is ready to provide a customized experience.**

## Our Solutions



# Our Partners



We have made numerous alliances around the world to promote international collaboration, having as a pillar for all these approaches the (SDG) No. 17 “Partnerships to achieve the goals”

## D-Orbit

Through our strategic partners in Europe, we offer last mile delivery to the customers desired orbit as well as IOV/IOT utilizing the ION OTV.



## Sideralis Foundation

We have joined efforts and resources with Sideralis Foundation to promote **access to space for all**, holding summer camps for children, important space conventions in Latin America.



## Below 1.5°C

We've partnered with Below 1.5°C, our sustainability advisor. This partnership is strengthening our sustainability strategy.



May 18, 2022  
Astralintu and D-Orbit sign partnership agreement for LATAM region



May 1, 2022  
Astralintu at the Global Conference on Space for Emerging Countries 2022

# Our team

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Matías Campos | CEO  
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Rishi Patil

Olman Quiroz

# Our team



## Other members:

Joel Landívar

Andrés Cornejo

William Urueña

María Fernanda Ramírez

# Focus Areas for Progress

	Topics
Environment	<ul style="list-style-type: none"><li>• Carbon Footprint</li><li>• Use of resources</li><li>• Work from home</li><li>• Research</li></ul>
People	<ul style="list-style-type: none"><li>• Human Rights</li><li>• Gender Equality</li><li>• Flexible Working Hours</li><li>• Professional Development</li><li>• Global Partnerships</li></ul>
Governance	<ul style="list-style-type: none"><li>• Anti-corruption regulations</li><li>• Data privacy &amp; security</li></ul>

# Environment

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## UN Global Compact Principles

### Principle 7:

Businesses should support a precautionary approach to environmental challenges;

### Principle 8:

Undertake initiatives to promote greater environmental responsibility; and

### Principle 9:

Encourage the development and diffusion of environmentally friendly technologies.

Astralintu environmental approach is not only internal, we also want to create a positive environmental impact with our stakeholder group. Our environmental efforts focus on contributing to **SDG 11: Sustainable Cities and Communities & SDG 13: Climate Action**.



Eliana Cadena | Sustainability Coordinator

*"Developing sustainability projects in Astralintu has shown us the importance of scaling the SDGs to all industries. Especially in the space industry, it has been interesting to face current challenges such as **climate change, gender equality and decent work** from an emerging country."*

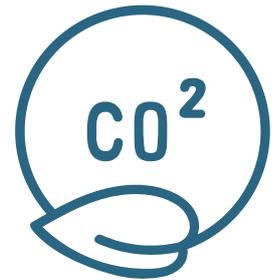
# Environment

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## Our Initiatives

### Carbon Footprint:

On 2021 we started our corporate carbon footprint project. Nowadays, we are creating a database that will allow us to measure and mitigate our impact on climate following international standards such as the GHG Protocol.



### Use of resources:

We enhance efficient use of resources in all our activities. During the reported period we choose sustainable mobility alternatives such as car-sharing for our corporate events.



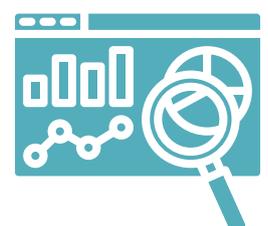
### Work from home:

100% of our employees had the option of working from home during the reported period. This measure contributes to the reduction of our corporate carbon footprint.



### Research:

We are working on research about sustainability in the space industry, in the upcoming months we will participate with an interactive session at the IAA Symposium on Space and Society.



# Environment

## Our Impact

	KPI	Result
Carbon Footprint	<ul style="list-style-type: none"> <li>• % of ton CO2e decreased</li> </ul>	<ul style="list-style-type: none"> <li>• On 2021 we committed to determine our corporate carbon footprint</li> </ul>
Use of resources	<ul style="list-style-type: none"> <li>• % carsharing for corporate events</li> </ul>	<ul style="list-style-type: none"> <li>• 100% of carsharing for corporate events</li> </ul>
Work from home	<ul style="list-style-type: none"> <li>• % of employees working remotely</li> </ul>	<ul style="list-style-type: none"> <li>• 100% of employees working remotely</li> </ul>
Research	<ul style="list-style-type: none"> <li>• # of projects /research on space sustainability</li> </ul>	<ul style="list-style-type: none"> <li>• 1 project in development on the reported period</li> </ul>

## Next Steps



Establish carbon emission reduction targets aligned to climate science.

Join Net Zero initiatives in the field.

Propose and measure additional KPIs on environmental sustainability.

Promote active projects on environmental sustainability.

# People



Astralintu ensures the best working environment for its people while bringing innovation and development in the Space Industry from an emerging country. As our mantra states: **"We are committed to emerging together connected through space"**. This includes guaranteeing an environment free of discrimination, forced labor, and that promotes gender equality and partnerships to make New Space a place for all.

## UNGC Principles

### Principle 1:

Businesses should support and respect the protection of internationally proclaimed human rights; and

### Principle 2:

make sure that they are not complicit in human rights abuses

### Principle 3:

Businesses should uphold the freedom of association and the effective recognition of the right to collective bargaining.

### Principle 4:

the elimination of all forms of forced and compulsory labour;

### Principle 5:

the effective abolition of child labour; and

### Principle 6:

the elimination of discrimination in respect of employment and occupation.

# People

## Our Initiatives

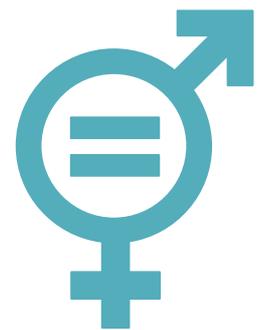
### Human Rights:

Astralintu's values and code of conduct are based on the protection of human rights as established by the UN Human Rights Declaration. Our company assures to provide an environment free of all forms of discrimination and forced labor.



### Gender Equality:

Astralintu ensures women participation in positions of leadership where 50% of executive positions are taken by women. Also, 44% of total employees are women.



### Flexible Working Hours:

Astralintu has a remote work policy for all employees with flexible hours meaning employees can decide how to organize their time best to achieve their goals.



### Professional Development:

Astralintu is committed to the development of its employees by providing training. This year the team visited the previous NASA groundstation to learn about satellite communication. Also the company brings opportunities of internships to national students interested in space.



# People

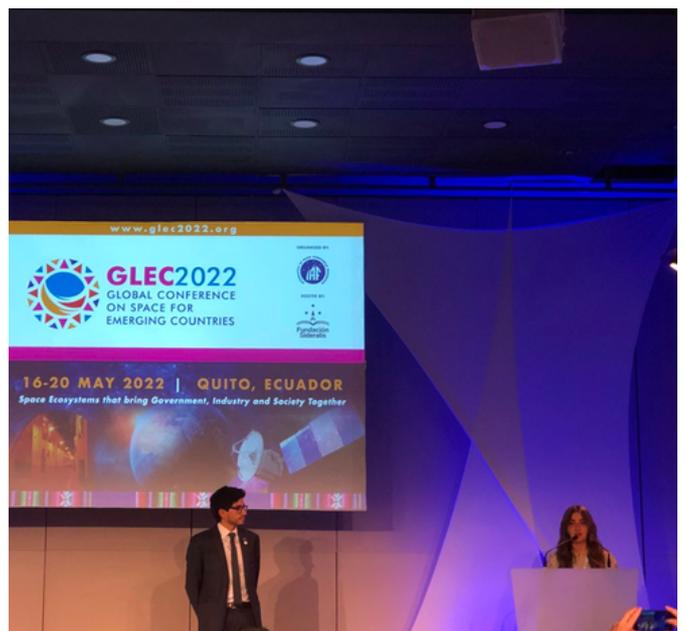
## Our Initiatives

### Global Partnerships:

We understand the importance of global action towards the accomplishment of the SDGs. For this reason, we are working in building long lasting partnerships to promote the inclusion of emerging countries in New Space. This year we started our partnership with The-Orbit and Remos Space Systems. We were also part of the Global Conference on Space for Emerging Countries.



The banner features a collage of images: palm trees, a bird in flight, a satellite, and a cityscape. The central text reads: **GLEC2022** GLOBAL CONFERENCE ON SPACE FOR EMERGING COUNTRIES. Below this, it states **16-20 MAY 2022 | QUITO, ECUADOR** and the tagline *Space Ecosystems that bring Government, Industry and Society Together*. The website [www.glec2022.org](http://www.glec2022.org) is also included. On the right, logos for the organizing and hosting institutions are displayed: ORGANIZED BY: IAF (International Astronautical Federation) and HOSTED BY: Sideralis Foundation.



# People

## Our Impact

	KPI	Result
Human Rights	<ul style="list-style-type: none"> <li>• Number of work Injuries</li> </ul>	<ul style="list-style-type: none"> <li>• 0 work injuries</li> </ul>
Gender Equality	<ul style="list-style-type: none"> <li>• % of women in executive positions</li> </ul>	<ul style="list-style-type: none"> <li>• 50%</li> </ul>
Gender Equality	<ul style="list-style-type: none"> <li>• % of women in the team</li> </ul>	<ul style="list-style-type: none"> <li>• 44%</li> </ul>
Gender Equality	<ul style="list-style-type: none"> <li>• % of salary difference between women and men in same positions</li> </ul>	<ul style="list-style-type: none"> <li>• 0%</li> </ul>
Flexible Working Hours	<ul style="list-style-type: none"> <li>• % of employees working remotely</li> </ul>	<ul style="list-style-type: none"> <li>• 100% of employees working remotely</li> </ul>
Professional Development	<ul style="list-style-type: none"> <li>• % of employees that are students or started in the company before a year from graduating</li> </ul>	<ul style="list-style-type: none"> <li>• 12%</li> </ul>

# People

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## Our Impact

	KPI	Result
Professional Development	<ul style="list-style-type: none"><li>• Number of outings and trainings</li></ul>	<ul style="list-style-type: none"><li>• 1</li></ul>
Global Partnerships	<ul style="list-style-type: none"><li>• Number of global partnerships achieved and maintained</li></ul>	<ul style="list-style-type: none"><li>• 2</li></ul>

## Next Steps



Prepare anual trainings regarding human rights.

Develop a Human Rights protocol that includes steps to report cases of discrimination, sexual assault or any violation of the code of conduct.

Evaluate employee satisfaction regarding labour rights and working environment

Give training to employees regarding labor standards and sustainability

# Governance

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## Our Initiatives

### UN Global Compact Principles

#### Principle 7:

Businesses should work against corruption in all its forms, including extortion and bribery



Our organization has established a clear will against corruption and extortion in all its forms. It also shares an ethical and moral code within its collaborators, fostering healthy spaces of competence and professional training. Likewise, it complies with anti-bribery ethics standards in all its operations.



Astralintu seeks to generate exchanges of knowledge and resources through strategic alliances between organizations in order to increase the positive impact within the constant training of its employees. It also aims to integrate organizational culture policies that are at the forefront and work around the promotion of sustainable development and its SDGs.

# Governance

## Our Impact

	KPI	Result
Justice	<ul style="list-style-type: none"><li>• number of incidents reported</li></ul>	<ul style="list-style-type: none"><li>• 0</li></ul>
Partnership	<ul style="list-style-type: none"><li>• Number of networks and partnerships obtained and maintained.</li></ul>	<ul style="list-style-type: none"><li>• 2</li></ul>

## Next Steps



Astralintu is committed to maintaining its prevention programs, through the communication of organizational values in order to provide a space free of distinction and discrimination for its employees and stakeholders.

Develop a Human Rights protocol that includes steps to report cases of discrimination, sexual assault or any violation of the conduct code.

