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#### INTRODUCTION

In the year 2021, when Centro de Estudos Rioterra celebrated 22 years of work "connecting people for the conservation of the Amazon", our motto took on an even more important and strategic dimension.

Two events were particularly notable for our institution: firstly, widespread vaccination of the Brazilian population against Covid-I9 enabled us to safely return to in-person group activities. This allowed us to reactivate the connection - restricted during the pandemic - with the most important partners in our mission to build a fairer, more inclusive and environmentally sustainable Amazon for the thousands of family farmers, traditional communities and indigenous peoples who inhabit this region. Secondly, this was also the last year of a six-year period in which I was elected and re-elected to serve as president of Centro de Estudos Rioterra. It was immensely gratifying to have the chance to guide our team toward achieving the goals and activities we had planned for, and I want to celebrate this. Overall, our actions in 2021 had a positive impact on the lives of more than 2,600 people. These actions included training events; support for management and expansion of agricultural production through technical assistance and recovery of degraded areas using Agroforestry Systems; installation of renewable energy systems; large-scale reforestation of illegally deforested areas in protected areas and family farms; and many others.

In addition to the reforestation and conservation of areas of the Amazon forest, our work also created jobs and generated income, as well as spreading knowledge about climate change, renewable energies, regenerative agriculture and sustainable land management. These actions are essential for combating global warming, conserving biodiversity and, above all, tackling the social vulnerabilities of the Amazonian population, which is the guiding principle of our work.

This annual report provides a summary of our actions in 2021.

I say goodbye with a feeling of pride at having helped hundreds of families and I can't wait to join forces with the future president so that we can help even more people on the path to a fairer Amazon, home to all aspects of the sought-after "sustainability"

Telva B. G. Maltezo President of CES Rioterra

#### MISSION

Defend the Amazonian identity, value its cultures and the sustainable use of the environment, and contribute to a fair, democratic and participative society.



#### **VALUES**

We are guided by the principles of humanism, balanced use of the environment, transparency, and respect for differences and for nature.



#### VISION

Help form a critical society, aware of its social, economic and environmental context, capable of proposing a development model for the Amazon region that combines conservation and sustainability with improving the quality of life of local populations.





## WHO WE ARE

Founded in 1999, we are a Civil Society
Organization of Public Interest - OSCIP
and an Innovation, Science and Technology
Institution, in accordance with Law no
13,243/2016. Our mission is to defend the
Amazonian identity, value its cultures and
the sustainable use of the environment,
and contribute to a just, democratic and
participative society.

#### WHAT WE DO

We operate in the state of Rondônia through projects aimed at the sustainable use of the forest, with a focus on social and environmental issues. These projects are always linked to economic development, activities to strengthen social capital, and local biodiversity conservation activities.



We promote projects with indigenous people, riverside dwellers and family farmers, valuing social participation and traditional knowledge.





We carry out projects and research on carbon fixation and quantification, development of production chains, installation of renewable energy systems on family farms, payment for environmental services, biodiversity conservation, stability of systems regarding soil management and conservation, and support for landscape monitoring and for the use of river basins as planning units in the Amazon.



We have also expanded our social organization and management services, and the productive technical assistance that we provide to grassroots associations as a way of improving aspects related to the conservation of their land and the guaranteeing of their rights.



## HOW WE WORK

We run projects through partnerships with the government, academia, and other non-governmental and private organizations in Brazil and Europe.

A hallmark of our actions is to combine research and development (R&D) work with training activities and technical assistance, in order to strengthen social capital in the Amazon.

## GOVERNANCE

#### **BOARD OF DIRECTORS**



Telva Maltezo - President



Fabiana Barbosa - Vice President



Tetcha Sotomayor - Treasurer



lara Barberena - Secretary

#### FISCAL COUNCIL



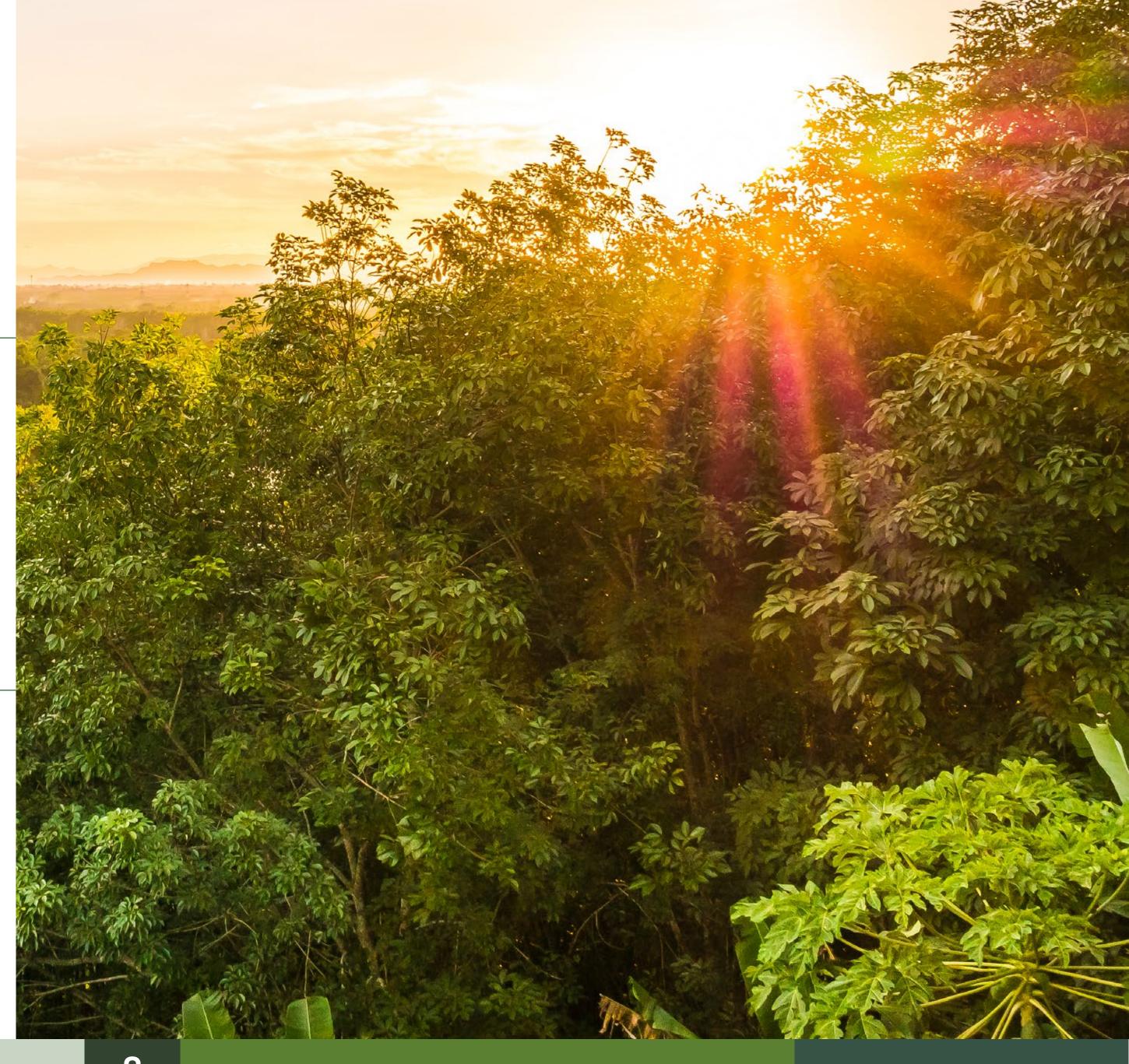
Alexandre Queiroz - Council Member

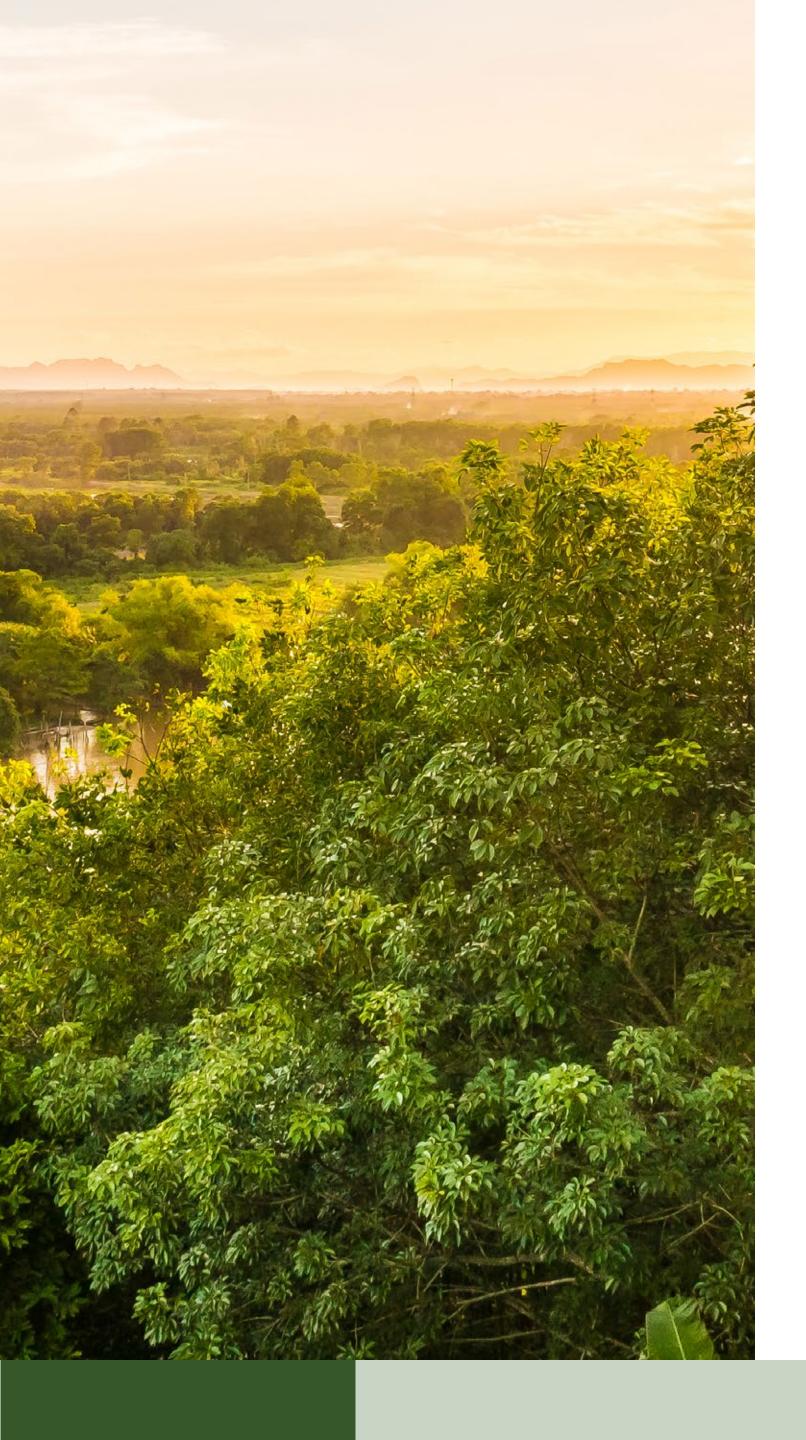


Luíz Felipe Ulchôa – Council Member



Leonardo Pool - Council Member





#### WE ARE GUIDED BY AN EFFECTIVE GOVERNANCE SYSTEM, WHICH INVOLVES THE MEMBERS' ASSEMBLY, A DIRECTING COUNCIL, A FISCAL COUNCIL AND NOW, AN ADVISORY BOARD.

We are conscious of gender issues and provide a work environment based on equity and professional development. As a result, we have a 100% female board of directors and most of the institution's leadership positions are held by women.

We do not remunerate our directors, council members and/or associates, nor do we share any financial results, whether bonuses or advantages, revenues or earnings from the running of the institution with directors, sponsors or members, in any form or under any pretext.

We are managed by hired professionals, who are responsible for the administrative and operational management.

The Executive Direction and its team periodically report financial and technical results to the Fiscal Council and members at the Ordinary Assembly. Additionally, to comply with best management and governance practices, we submit our accounts, balance sheets and financial statements to an independent external audit registered with the Brazilian Monetary Securities Commission/CVM.

The auditors' reports and opinions are published on the organization's website and widely publicized at www.rioterra.org.br

#### CHALLENGES

## CES RIOTERRA IN THE CONTEXT OF A PANDEMIC

In 2021, we made progress in the fight against Covid-19 with the development of vaccines capable of protecting a population who had been affected by the pandemic in many ways, socially, physically and mentally, giving us hope to put this chapter in history behind us.

In the state of Rondônia, a new decree to prevent and combat the virus came into force (DECREE N°25.859, OF MARCH 6, 2021), allowing the gradual return of all types of events and work.

Bit-by-bit, our projects, group activities and actions with our beneficiaries were able to return, with all the necessary health precautions being followed to avoid possible risks to the health of those involved.

By facing up to adversities and remaining resilient in the face of the pandemic, CES RIOTERRA's team was able to continue running it's projects, actions and activities. The aim of these activities is to help form a discerning society, capable of building a sustainable Amazon and aware of the socioeconomic context in which it is embedded, as well as bringing about social transformation for those involved, as demonstrated by the results described in this annual report.







land.

#### **GLOBAL MACRO POLICIES**

## Social vulnerability reduction and socioeconomic development

**Global Compact:** proposed by the United Nations (UN), it seeks fair, sustainable and inclusive development with the aim of improving living conditions across the planet by 2030. CES Rioterra promotes institutional actions and strategies aligned with the ten universal principles proposed in the Global Compact, which include human rights, labor, the environment and anti-corruption practices.

**Agenda 2030:** created by 193 member countries of the United Nations, including Brazil, it provides an action plan to achieve 17 Sustainable Development Goals (SDGs) by the year 2030. It is a global appeal to end poverty, protect the environment and climate and ensure that people everywhere can enjoy peace and prosperity.





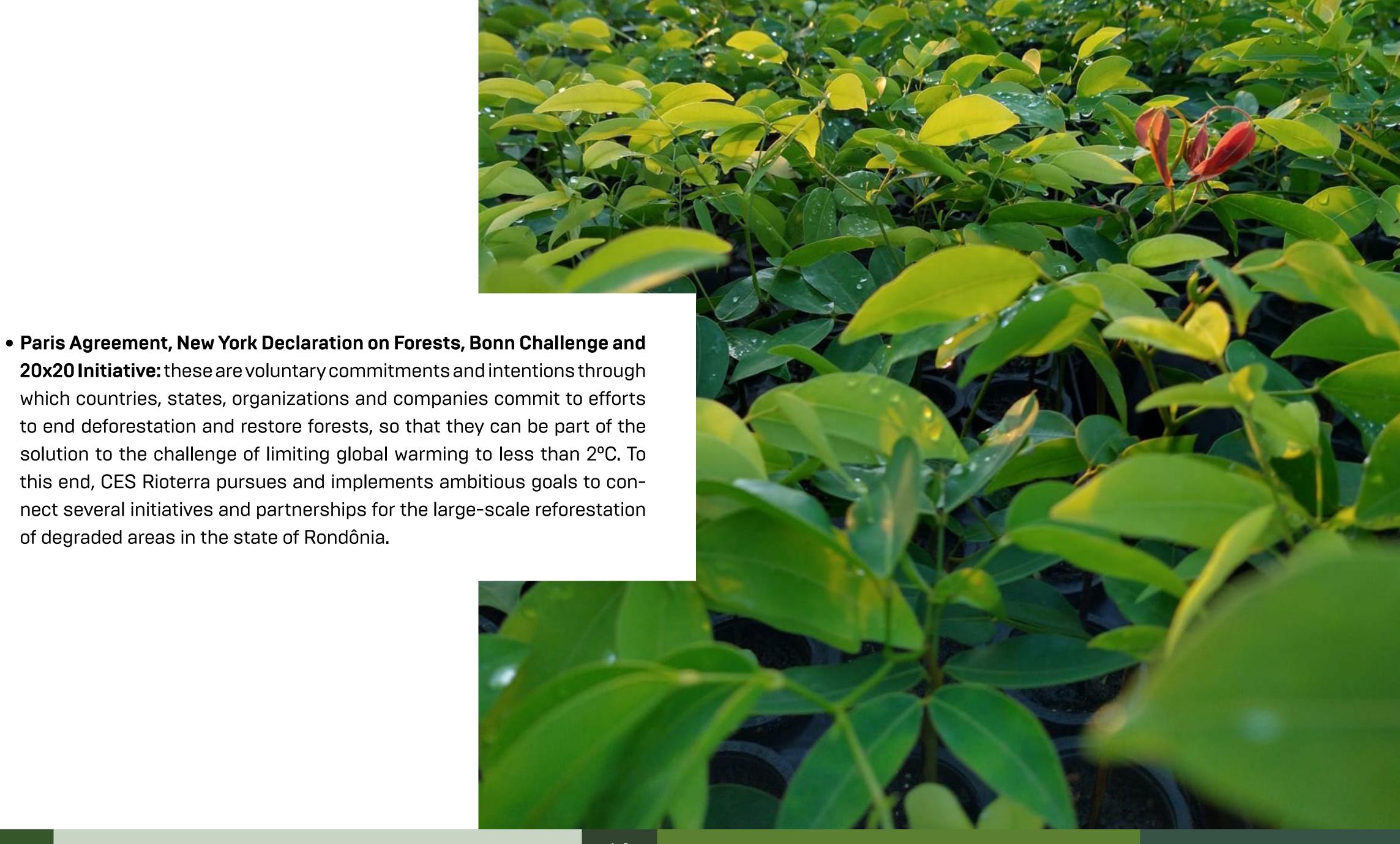
Sustainable Development Goals (SDGs): CES Rioterra is committed to the 2030 agenda and works directly with 10 SDGs through initiatives to reduce social vulnerability, guarantee the rights of traditional Amazon peoples, conserve biodiversity and promote improvements in the management of natural resources, as well as climate change mitigation actions to contribute towards the Greenhouse Gas emissions balance.

#### **GLOBAL MACRO POLICIES**



• Aichi Targets: a strategic plan created during the Conference of the Parties to the UN Convention on Biological Diversity (COP-10), it is organized into five major strategic goals and 20 targets that establish actions to reduce biodiversity loss worldwide. Brazil is one of the 193 countries that ratify this agreement, and CES Rioterra, through its projects, directly implements a number of actions that contribute to the protection of endangered fauna and flora species. Its work is also accompanied by awareness-raising with all those involved, promoting sustainable development and conservation of the region's biodiversity.







of degraded areas in the state of Rondônia.





OUR ACTIONS ARE BASED UPON THREE STRATEGIC PILLARS THAT CONTRIBUTE TO THE SUSTAINABLE DEVELOPMENT OF THE AMAZON.

In 2021, our actions managed to integrate these three pillars, generating numerous social, environmental and economic benefits, transforming traditional communities and fostering a new land use model: fair, inclusive and environmentally sustainable.

#### **SOCIAL VULNERABILITY REDUCTION**

Support for sustainable development in the Amazon; contributing to empowerment and social participation and guaranteeing the rights of its traditional peoples and inhabitants, as well as to reducing their social and economic vulnerabilities.

- More than **753 FAMILIES** received assistance in 2021. This included technical guidance for implementing low carbon agriculture, sustainable food production and income generation, as well as information on the right to legalize the environmental status of more than **500 FARMS**.
- More than **303 REPRESENTATIVES** of traditional populations and public officials participated in courses and workshops related to renewable energies, good agroecological practices, administrative and financial management, and geographic information systems. This enables participants to learn about tools and methods capable of generating local land-based development, and reduces the social and environmental vulnerability of these populations.





#### **BIODIVERSITY CONSERVATION**

Implementation of actions to restore the Amazon ecosystem through reforestation and incentives for preserving the forest; promoting improvements in the management of natural resources with respect to the carrying capacity of environments, their suitability for certain uses and regional cultures.

- **185 PEOPLE** trained in training events on biodiversity conservation, natural resource management, recovery of degraded areas and forest management.
- MORE THAN 2,200 visits to family farmers to provide technical assistance, including information and guidance on the need for forest restoration in degraded areas, as well as the implementation of good agroecological practices;
- MORE THAN 1.2 MILLION SEEDLINGS distributed, including native forest species—five of them threatened with extinction—and species of economic interest;
- **RECOVERY OF MORE THAN 1,300 HECTARES** of degraded areas on family farms and in protected areas with native tree species and fruit trees.

#### **CLIMATE CHANGE**

By encouraging reforestation, preserving existing forest and implementing renewable energy systems we are contributing to combating the climate emergency and contributing to the greenhouse gas emissions balance.

- **MORE THAN 1,300 HECTARES** of degraded areas in the process of reforestation, sequestering carbon dioxide;
- MORE THAN 572,000 TONS OF CO2 will be sequestered over the next 30 YEARS as a result of the reforestation of degraded areas;
- 29 ALTERNATIVE ENERGY SYSTEMS (biodigesters and photovoltaic systems) installed on family farms and in isolated communities, providing effective disposal of animal waste and eliminating the use of fossil fuels;
- MORE THAN 120 TONNES OF CO2 emissions avoided each year as a result of the energy systems installed.



21



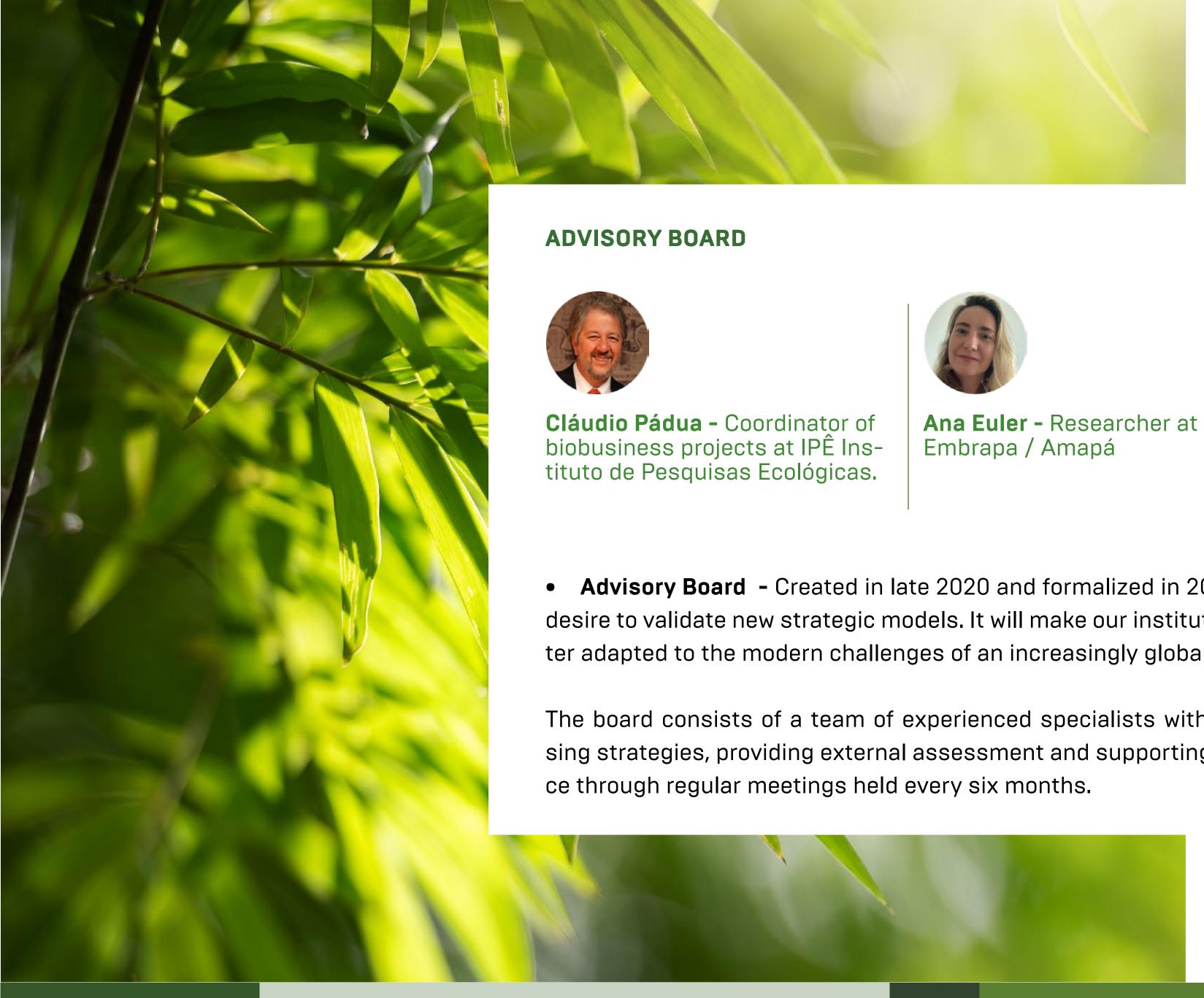




In 2021, we consolidated the partnerships that had been established over the previous year. These partnerships increase the capacity for coordinated actions and foster opportunities for cooperation and multiplication of knowledge worldwide.

This year, CES Rioterra had the opportunity to participate in international platforms and discussion spaces that seek to channel measures to contain deforestation in the Amazon, as well as foster socioeconomic development through the forest restoration chain and the bioeconomy.

THESE ARE SOME OF THE INITIATIVES.





Daniel Brandão - Fundador Move Social, consultor Vox Capital.

Advisory Board - Created in late 2020 and formalized in 2021, the advisory board was born out of the desire to validate new strategic models. It will make our institutional management more efficient and better adapted to the modern challenges of an increasingly globalized economy.

The board consists of a team of experienced specialists with the purpose of debating, guiding, proposing strategies, providing external assessment and supporting decision-making. This process takes pla-



- **RESTOR PLATFORM** this partnership provides information about 3,000 reforestation points in projects implemented by CES Rioterra, free of charge. Restor is the world's largest science-based open data platform, bringing together data, maps and integrated information from restoration and conservation projects around the world.
- ONE TRILLION TREES WORLD ECONOMIC FORUM The Amazon Bioeconomy Challenge was developed by the World Economic Forum in partnership with the financing platform Uplink. CES Rioterra's proposal, entitled "Inclusive and regenerative cocoa", was developed with the aim of encouraging the planting of cocoa—a species native to the Amazon—as a way to settle the environmental liabilities of rural properties. It was chosen as one of the 15 most innovative projects in the world for development of the Amazon bioeconomy.

After it was selected the CES Rioterra project participated in an accelerator program for four months, with access to funders, subsidies and investments, in addition to being included in events and projects organized by the World Economic Forum.



## LUZ PARA A EDUCAÇÃO

The Luz para a Educação (Light for Education) project was implemented in 2021 to bring clean and renewable energy to communities that live far away from urban centers and do not have access to electricity sources. The aim is to contribute to improving quality of life for these inhabitants, as well as to the preservation of environmental services in Protected Areas and to the fight against climate change.

The project involved replacing the highly-polluting diesel-powered generator at the João da Mata dos Santos Municipal School in the Pacaás Novos River Extractive Reserve (RESEX) in the municipality of Guajará Mirim, Rondônia, with solar energy by installing photovoltaic panels.

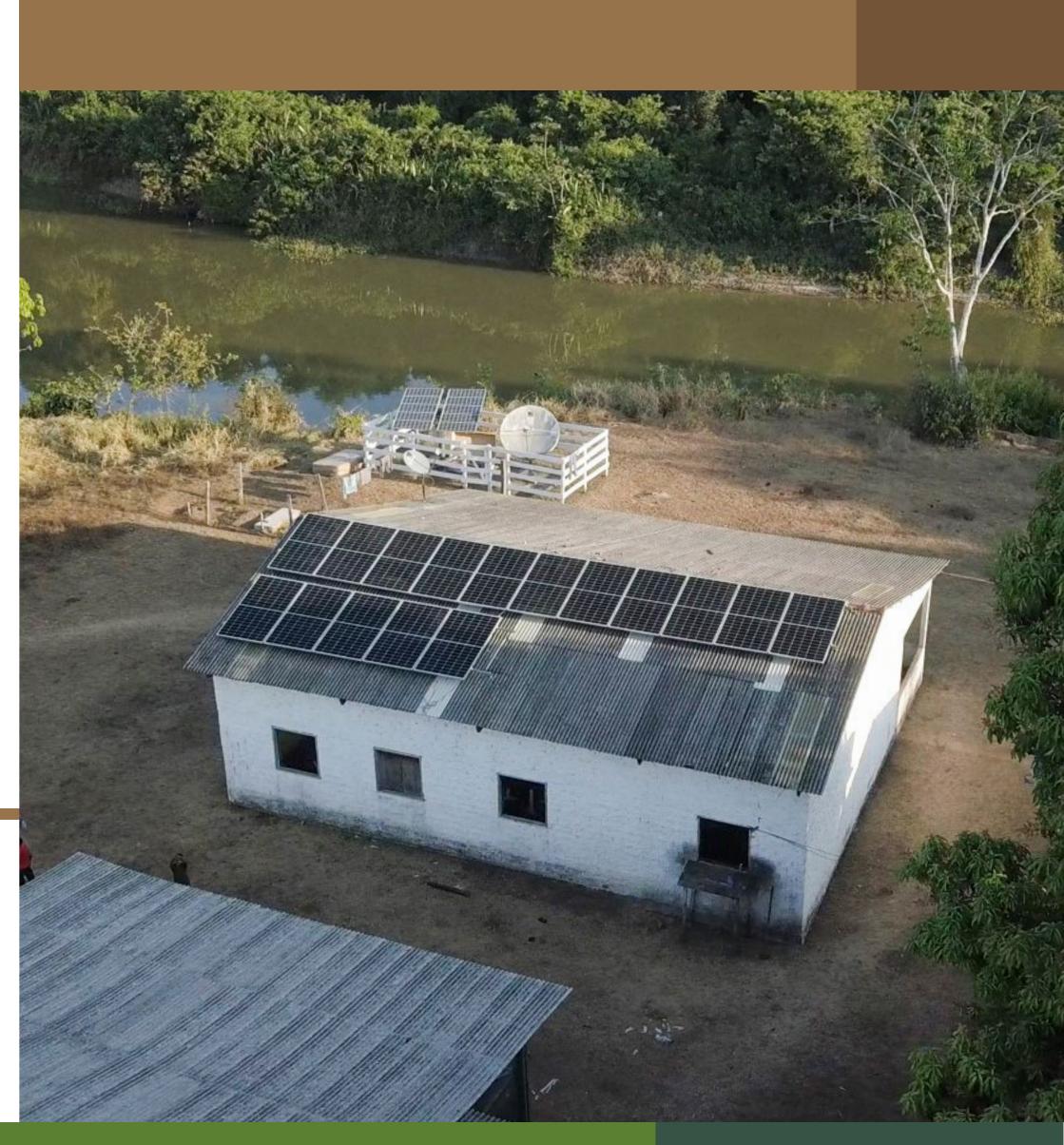
The project was conceived by the Government of the State of Rondônia through the State Secretariat for the Environment (SEDAM), implemented by CES Rioterra, and piloted by the Climate Group with funding from the Under2 coalition governments of Quebec, Scotland, Wales and Baden-Wuerttemberg.











## LUZ PARA A EDUCAÇÃO

## Results in 2021

published

INSTALLATION OF A PHOTOVOLTAIC SYSTEM AT THE JOÃO DA MATA DOS SANTOS MUNICIPAL SCHOOL, eliminating the need to use a fossil fuel-powered motorgenerator.

STUDENTS AT THE SCHOOL GAINED ACCESS TO THE INTERNET, CHILLED WATER, ELECTRIC FANS

during classes and school lunches with a greater variety of protein sources.

About 24 PEOPLE

including students
at the school
and community
members, received
training on
renewable energy
and the operation
of the photovoltaic
system.

An information booklet on renewable energies was prepared and distributed to the community for sharing and creating an environment for debating

RENEWABLE ENERGY
SOURCES AND THE
RELATIONSHIP WITH
CLIMATE CHANGE.
The booklet is
available on the
website
www.rioterra.org.br

## PLANTAR RONDÔNIA

Plantar Rondônia is a pioneering project in Brazil, with the objective of supporting family farmers through the process of legalizing their environmental status and adapting rural properties to the requirements of the Forest Code. It involves measures to legalize the environmental status of properties of up to 4 fiscal modules (240 hectares) in the state of Rondônia, generating socioeconomic and environmental benefits.

The project began in 2018 and takes place in 12 municipalities in Rondônia that contain a significant number of family farms in their territory that do not comply with the Forest Code, e.g. having high rates of deforestation.

The project is developed by CES Rioterra in cooperation with the Federation of Agricultural Workers of Rondônia (FETAGRO), in partnership with the State Secretariat for the Environment (SEDAM). It receives financial support from the Brazilian Bank for Economic and Social Development (BNDES), through the Amazon Fund.















## PLANTAR RONDÔNIA

## Results in 2021

#### 1025 HECTARES

of deforested and degraded areas recovered with forest species.

# 659 RURAL PROPERTIES WITH UP TO 4 FISCAL MODULES

supported with actions to legalize their environmental status, through activities to Recover Degraded Areas.

#### 703 FAMILIES

received technical assistance and rural extension services.

#### 1.050.000 TREE SEEDLINGS

produced and distributed for the recovery of degraded areas on family farms.

## PLANTAR RONDÔNIA

#### Results in 2021

#### 02 TRAINING EVENTS

on seedling production and recovery of degraded areas, with the participation of 43 producers (24 men and 19 women).

36 PUBLIC SERVANTS (33 MEN AND 03 WOMEN) TRAINED IN 03 TRAINING EVENTS

related to the use of geographic information systems for land management.

08 MEETINGS
WITH FARMERS'
ASSOCIATIONS
WITH 87
PARTICIPANTS
(33 MEN AND 54
WOMEN)

focused on environmental adaptation measures for legalization of rural properties.

#### **1754 VISITS**

to farmers to provide technical assistance and rural extension on good productive practices and forest restoration.

# PRICELESS PLANET COALITION (PPC)

The Rondônia Forest Cover Recovery project is developed by Centro de Estudos Rioterra with funding from the Priceless Planet Coalition (PPC), through the organization Conservation International (CI). Its aim is to support biodiversity conservation and mitigate climate impacts through the recovery of vegetation cover in protected areas and on farms.

In five years (2021-2026) at least 900,000 trees are expected to be planted on 500 hectares as part of the restoration process.









## PRICELESS PLANET COALITION (PPC)

## Results in 2021

#### 370 HECTARES

of illegally deforested areas in the process of ecological restoration in the Rio-Preto Jacundá Extractive Reserve in Machadinho D'Oeste-RO.

# CONSTRUCTION AND AND RENOVATION OF ACCESS ROADS

in areas undergoing restoration.

#### ACTIONS TO COMBAT

invasive grasses.

#### MONITORING ACTIONS VIA SATELLITE

and with unmanned aerial vehicles (Drones) of the reforested areas.

#### MORE THAN 145,000 SEEDLINGS

produced and donated through projects to support family farming in Rondônia.

## RENEWABLE ENERGY IN THE AMAZON

Executed by Centro de Estudos Rioterra and financed by MISEREOR, this project (Energias Renováveis na Amazônia – ERA) is in its second edition and operates in the municipalities of Cujubim, Itapuã do Oeste and Rio Crespo, in the state of Rondônia.

The aim of the project is to improve the productivity and socioeconomic and environmental management of rural properties, as well as to reduce greenhouse gas (GHG) emissions, by implementing good agroecological practices and renewable energy systems (biodigesters and photovoltaics).

The project also incorporates a gender equity and female empowerment dimension, by relating its activities to the leading role of women in the autonomy and management of rural properties. It values their participation in family life, income generation, food security and women's health issues by replacing the use of wood-burning stoves with biogas.















## RENEWABLE ENERGY IN THE AMAZON

#### Results in 2021



## RENEWABLE ENERGY IN THE AMAZON

## Results in 2021



## REDD+CARBON RESEX RIO PRETO-JACUNDÁ

This is an ongoing REDD+ project (Reducing emissions from deforestation and forest degradation and the role of conservation, sustainable management of forests and enhancement of forest carbon stocks) located in the Rio Preto Jacundá Extractive Reserve, in the municipalities of Machadinho d´ Oeste and Cujubim, in Rondônia.

Started in 2012, the REDD+ Rio Preto-Jacundá project is a partnership between Biofílica and residents of the Rio Preto-Jacundá State Extractive Reserve, represented by their association (ASMOREX). CES Rioterra and the Executive Council of Extractive Reserves of the Vale do Anari participate as partners in the planning and implementation of the Project's activities.

Payment for environmental services, through the REDD+ mechanism, has resulted in conservation actions and sustainable forest management developed together with the local extractive community. This results in socio-economic development for the community and enables improvements in infrastructure, education and income generation.

Centro de Estudos Rioterra provides help and support in the form of administrative guidance and mentoring. This includes financial advice and management training to ensure the continuity and sustainability of the REDD+ Resex Rio Preto Jacundá project.













## REDD+CARBON RESEX RIO PRETO-JACUNDÁ

## Results in 2021



## REDD+CARBON RESEX RIO PRETO-JACUNDÁ

## Results in 2021



#### FORESTING 4 US

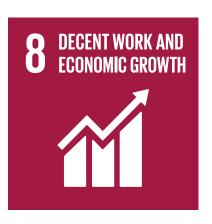
The Foresting 4 Us campaign is a campaign run by Centro de Estudos Rioterra with the goal of planting 30 million trees in the Amazon biome and connecting people through integrated development of actions for large-scale forest restoration in the Amazon.

The movement is aligned with international policies to mitigate and combat climate change, such as the United Nations' Decade on Ecosystem Restoration 2021-2030, organized by the UN's Environment Program (UNEP) and the Food and Agriculture Organization (FAO). The campaign goes beyond protection of natural resources, generating employment and income for the populations involved in these actions.

Foresting 4 Us encourages conservation and environmental awareness among traditional communities and farmers, who become directly involved in the forest restoration chain, generating employment and income for those involved.









## FORESTING 4 US

## Results in 2021



#### PARTNERS BNDES - Brazilian Bank for Economic and Social Development Candeias do Jamari City Hall Itapuã do Oeste City Hall MISEREOR Government of the State of Rondônia Machadinho D'Oeste City Hall Rio Crespo City Hall Rondônia State Secretariat for the Environment REFOREST' ACTION Cujubim City Hall FETAGRO - Federation of Family Farmers and Rural Workers of the State Ariquemes City Hall of Rondônia Ouro Preto do Oeste City Hall ASMOREX - Rio Preto-Jacundá Extractive Reserve Residents' Association Ji-paraná City Hall Biofílica Investimentos Ambientais Presidente Medici City Hall Rolim de Moura City Hall **Conservation International** Castanheiras City Hall Tree-Nation Novo Horizonte do Oeste City Hall Porto Velho City Hall



Social networks and communication channels



In addition to bringing transparency to CES Rioterra's work, the act of communication provides visibility to the various environmental conservation and socioeconomic development initiatives that it promotes in the region.

Below are our main information and knowledge dissemination tools for reporting on conservation of the Amazon carried out by traditional peoples and inhabitants. Visit, like and be a part of this movement.

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- © @ces.rioterra
- ©CESRioterra
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  - in company/CESRioterra/





