



**PROADEC** Portugal

# CARBON NEUTRAL COMPANY

Coming earlier to carbon neutrality is our contribution to our planet.

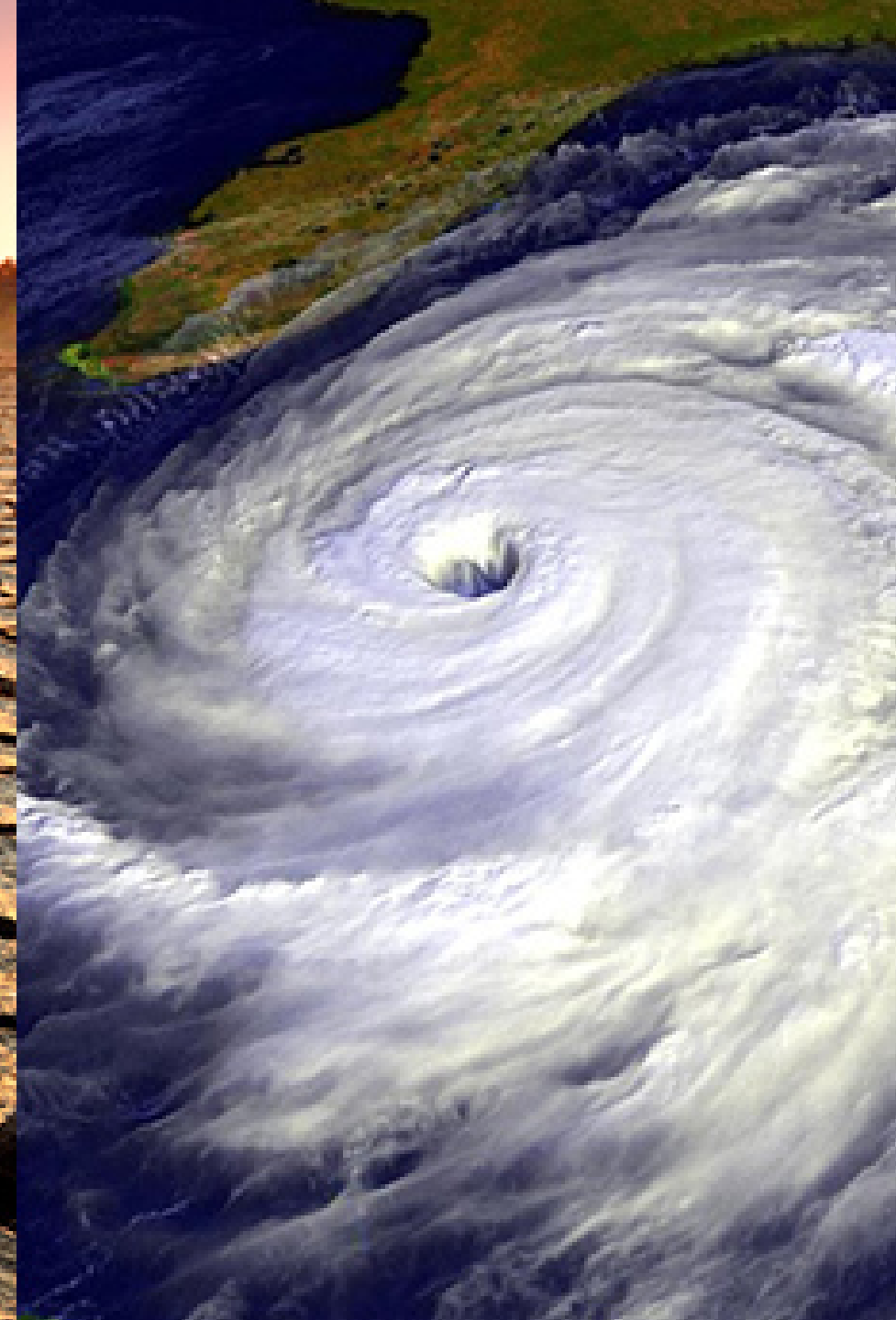
SURTECO GROUP

**The challenges posed to industries are to a large extent due to the fact that production and consumption systems are not sustainable.**



**We know our business operations have impact  
on the climate and the environment.**

The effects of climate change are being felt on all continents across the world and are predicted to become more frequent and more intense in the coming decades.



**Glaciers are melting at a record rate, accelerated sea level rise, more intense heat waves, longer periods of drought, duration and intensity of tropical storms, etc.**

CLIMATE  
CHANGE  
IS REAL

If humanity changed the climate by mistake,  
we can change it by intention.



**We don't stand by,  
watching the planet's plea.  
We are running out of time...**



We are doing our part...





**Coming earlier to carbon  
neutrality is our contribution  
to our planet and future  
generations...**

We are honoured to inform that  
from 1st January 2022  
PROADEC Portugal is a  
**CARBON NEUTRAL COMPANY!**

**PROADEC Portugal is on the  
way to zero carbon emissions.**



**Carbon neutral  
Company**

[ClimatePartner.com/16949-2112-1001](https://ClimatePartner.com/16949-2112-1001)

**ClimatePartner's label "Carbon neutral"  
certifies that unavoidable greenhouse  
gas emissions are being offset.**

The collaboration with ClimatePartner is a great  
support and help us on our path to full  
carbon neutrality.

Because we believe  
in a world where  
**PLANET** matters.

Because we may not all  
speak the same  
language, but we all do  
**LIVE** on the same  
**PLANET.**



## What is a carbon neutral company?

A carbon neutral company is an organization that is seriously committed to reducing its impact on the climate, reducing the amount of CO<sub>2</sub> it is emitting into the atmosphere and balancing the rest of the emissions through offsetting, with the goal of zero emissions.

How do companies become carbon neutral?

Companies are carbon neutral if their carbon emissions have been calculated, reduced and offset by supporting internationally verified carbon offset projects.



## **We believe in a world where PLANET MATTERS!**

Our business activities have impact on the climate and the environment.

This is a result not only of the products we manufacture, but also of our business operations.

## **Our goal is to reduce our carbon footprint**

Our goal is to reduce our carbon footprint, reducing our greenhouse gas emissions and ensuring our operation does not have a harmful impact on the environment.



how?

measure

reduce

offset

## measure

It all starts with calculating our CO<sub>2</sub> footprint. Every year, we calculate the amount of greenhouse gases (GHG) that are directly or indirectly released into the atmosphere throughout our operations.

## reduce

We set up a strategy for reducing emissions where possible through a combination of efficient in-house measures.

## offset

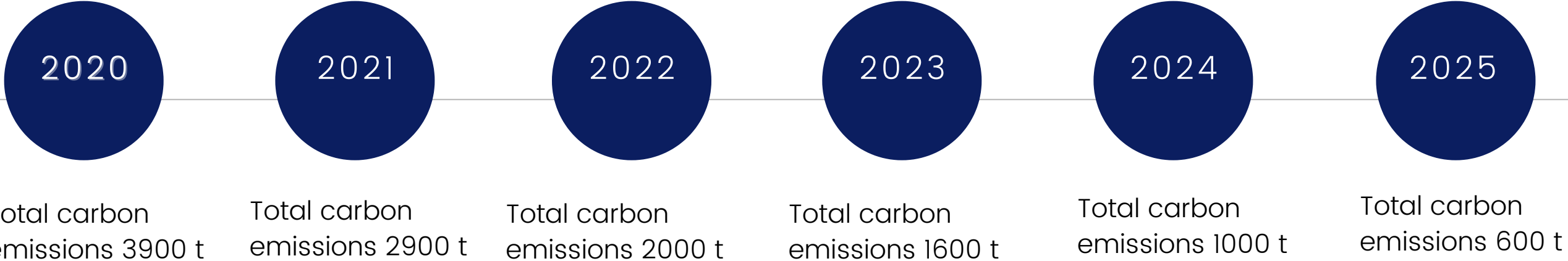
The unavoidable emissions we cannot eliminate yet, we offset via two certified carbon offset projects, one in Brazil and other in Uganda.



OUR GOAL IS TO REDUCE  
BY 85% OUR  
GREENHOUSE GASES  
(GHG) EMISSIONS BY  
2025

# measure

Electricity, heating and solvents and staff commuting are the main sources of greenhouse gases.



# ON OUR WAY TO NET ZERO CO<sub>2</sub> EMISSIONS

## reduce

Sustainable in-house actions to reduce CO<sub>2</sub> emissions are already implemented with visible effects.



### GREEN ENERGY

Since July 2021, all electricity purchased comes from 100% renewable sources only, and covers 100% of our electricity needs.



### PHOTOVOLTAIC SYSTEMS

In 2019, we have installed over 1000 photovoltaic systems on the roofs, already covering 4,3% of our energy needs. Since then, 1129 MWh of electricity has been produced and 282 tons of CO emissions have been avoided, the equivalent absorption of 12 832 trees.



### SOLVENT-FREE

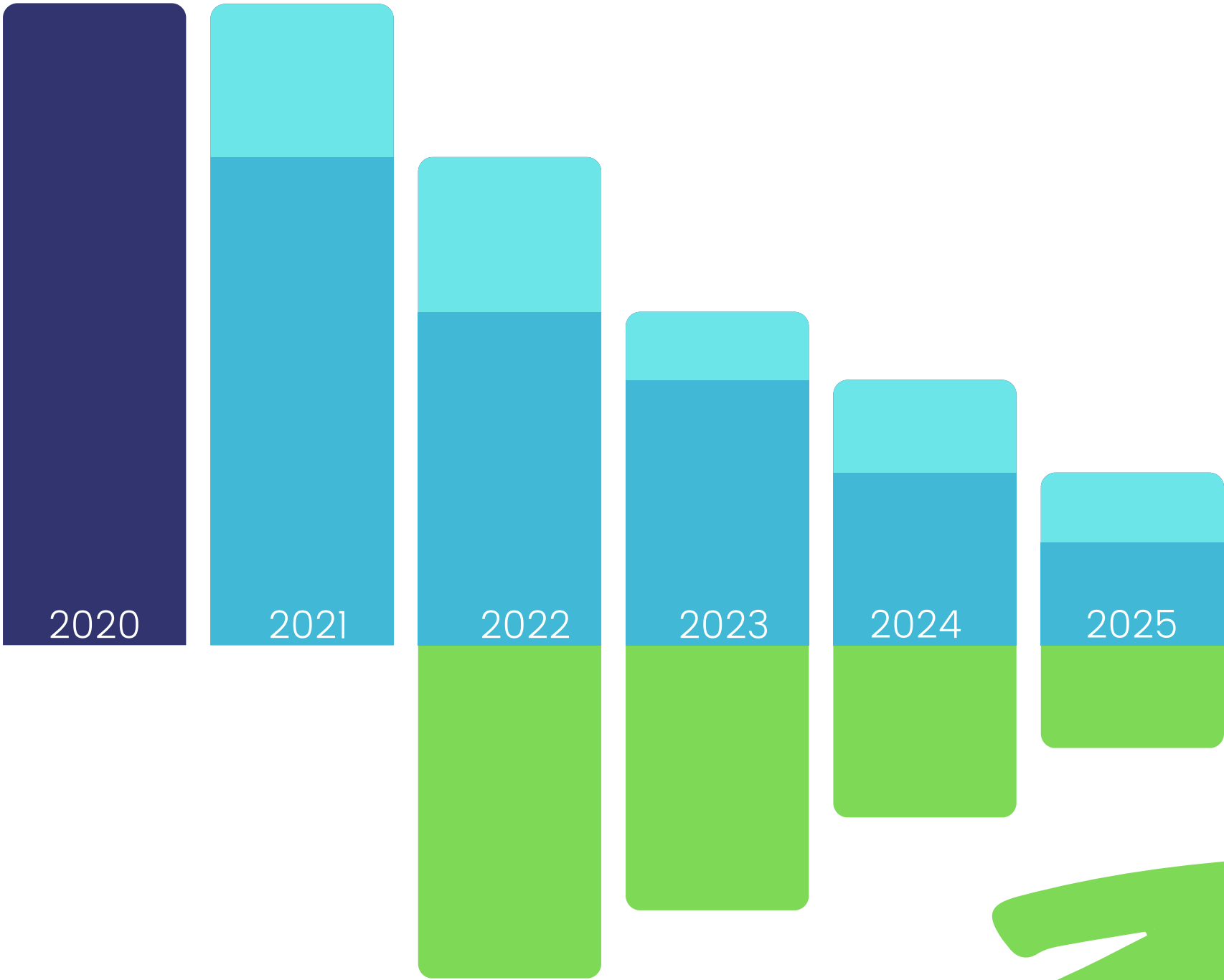
The use of solvents is another source of carbon emissions that influences our ability to achieve our climate protection goals, but we are already working on this. In 2022 we will begin to study and test solvent-free formulas, with the aim of being solvent-free by 2025.



### STAFF COMMUTING

We will install electric service stations in our premises to encourage the use of electric vehicles and the company's car fleet will exclusively consist of electric cars.

# ON OUR WAY TO NET ZERO CO<sub>2</sub> EMISSIONS



- Starting Point
- Unavoidable
- Reducible
- Compensated

CARBON NEUTRAL



NET ZERO

# UNAVOIDABLE EMISSIONS

## offset

Proadec Portugal is offsetting its unavoidable carbon emissions in cooperation with ClimatePartner through the support of two certified offset projects, one in Brazil and another in Uganda.

### What is a carbon offset project?

Carbon offset projects compensate for greenhouse gas emissions and make an important contribution to fighting global warming. As well as avoiding and reducing carbon emissions, offsetting is another crucial step in climate action.

In addition, offset projects promote sustainable development in the countries where the projects take place, as improving clean drinking water supplies, expanding local infrastructures, creating sustainable jobs, etc...

# SUSTAINABLE DEVELOPMENT GOALS

These projects in Brazil and Uganda also contribute to the UN Sustainable Development Goals (SDGs).

The United Nations' Sustainable Development Goals (SDGs) are a globally acknowledged system for measuring the positive effects of offsetting projects, beyond climate protection.

These goals address the global challenges we face, including climate change, poverty, inequality, environmental degradation, peace and justice.



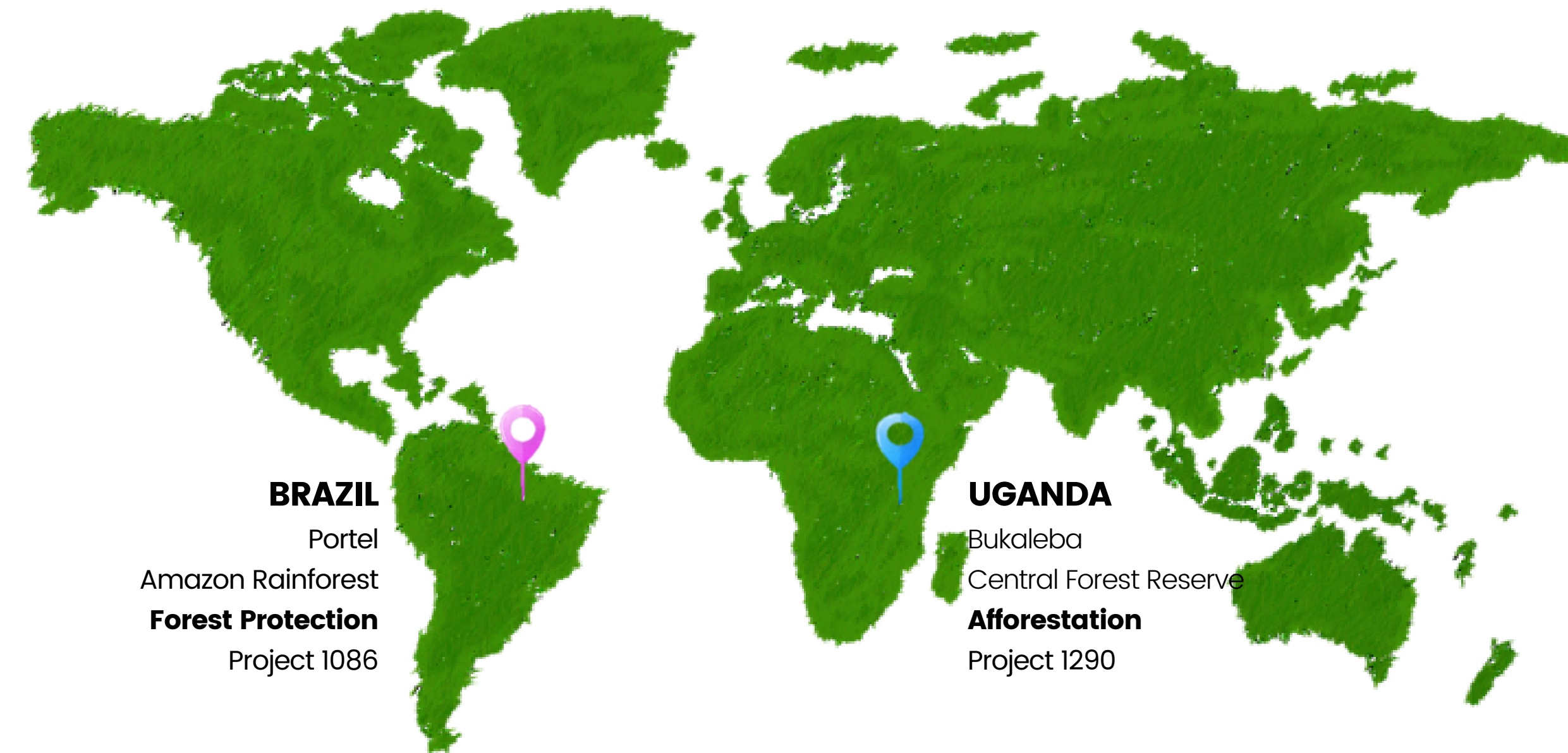
# 17 GOALS TO TRANSFORM THE WORLD



# Carbon ne

## Company

[climatePartner.com/16949-2112-](https://climatePartner.com/16949-2112-)



### **BRAZIL**

Portel  
Amazon Rainforest  
**Forest Protection**  
Project 1086

### **UGANDA**

Bukaleba  
Central Forest Reserve  
**Afforestation**  
Project 1290

To offset the unavoidable carbon emissions, PROADEC Portugal supports two internationally certified offset projects, one in Brazil and another in Uganda.

SURTECO GROUP



PROJECT 1

**BRAZIL**

Amazon Rainforest

Annual volume

364 244 t CO<sub>2</sub>



## **Brazil, Portel**

### **Amazon Rainforest**

Size (hectare): 177 000

Verified Carbon Standard (VCS)

CCBS Gold Level

Technology: Forest Protection

Validated by: DNV (USA) Inc. (DNV GL)

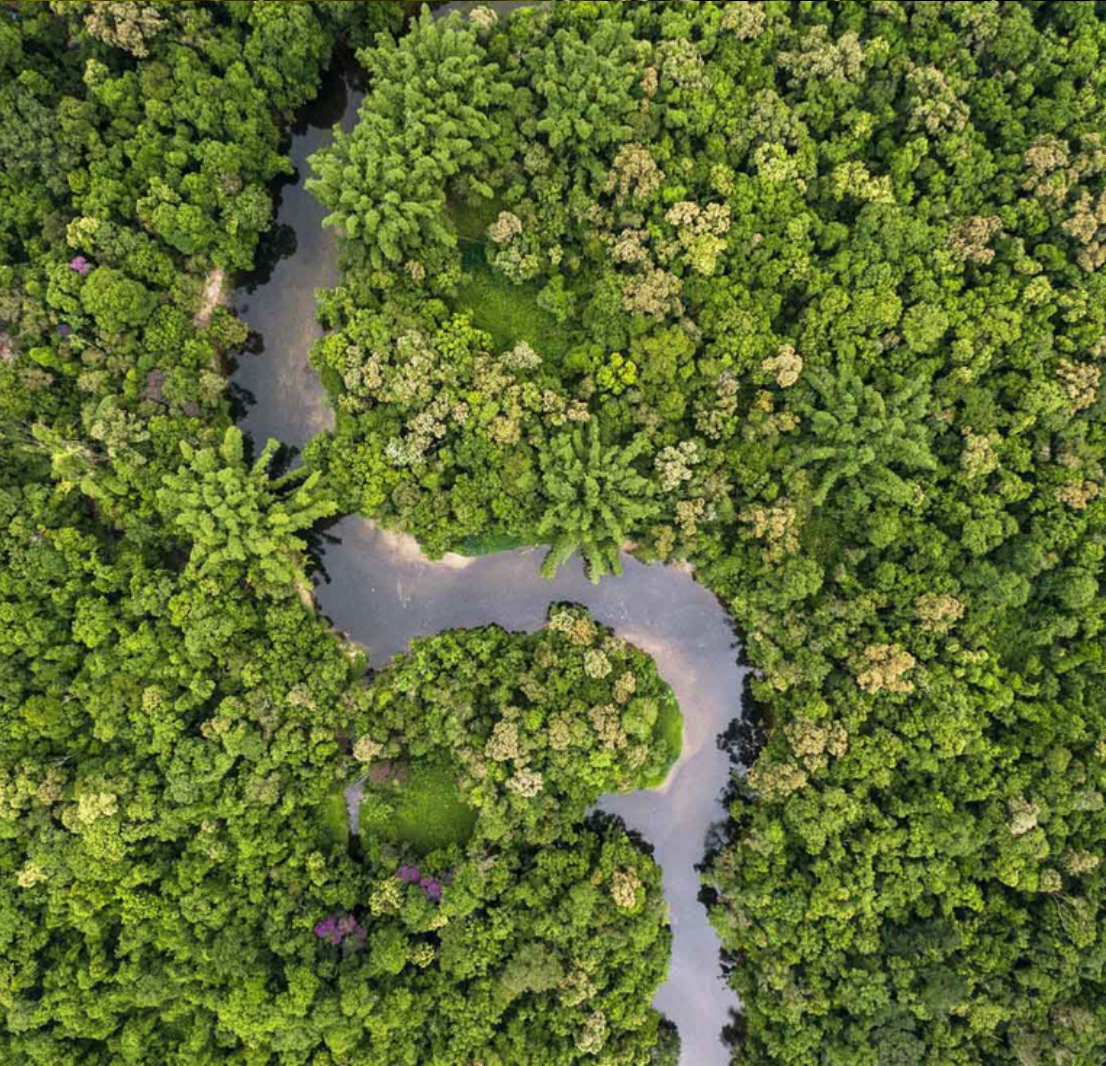
### **Main goals of this project:**

Protect a large, threatened area of natural forest in the Amazon rainforest, preventing deforestation.

Protect the rich biodiversity of the area.

Support local people to acquire official land titles to avoid land occupation and deforestation by loggers.

Supports local families to live with improved conditions, in an effort to preserve their way of living.





## Forest Protection

The idea of this project is to continue to preserve the rainforest and to officially acquire the relevant property rights for the “Ribeirinhos”, the inhabitants of the Amazon. This ensures that the area is no longer classified as unused and that farms can no longer legally occupy it. At the same time, it secures the livelihood of the local people, who are among the poorest in Brazil. Otherwise, 3000 hectares of forest would be cleared every year and replaced with soy or other agricultural crops.

## Fighting global warming

Large amounts of carbon are stored in vegetation and in the soil of tropical forests.

Forest protection projects ensure that forests are preserved in the long term and that protecting forests is valued more than clearing them. Along with the local population, the project participants protect the area from harmful human action. For this, the projects create alternative sources of income and opportunities for socio-economic integration of local communities.

# Brazil project contributes to 11 UN Sustainable Development Goals (SDG):

 <p>1 NO POVERTY</p>	 <p>2 NO HUNGER</p>	 <p>3 GOOD HEALTH</p>			 <p>6 CLEAN WATER AND SANITATION</p>
	 <p>8 GOOD JOBS AND ECONOMIC GROWTH</p>		 <p>10 REDUCED INEQUALITIES</p>	 <p>11 SUSTAINABLE CITIES AND COMMUNITIES</p>	
 <p>13 CLIMATE ACTION</p>		 <p>15 LIFE ON LAND</p>	 <p>16 PEACE AND JUSTICE</p>	 <p>17 PARTNERSHIPS FOR THE GOALS</p>	 <p><b>THE GLOBAL GOALS</b> For Sustainable Development</p>



PROJECT 2

**UGANDA**

Central Forest Reserve

Annual volume

11 903 t CO<sub>2</sub>



## Uganda, Bukaleba Central Forest Reserve Size (hectare): 2061

Verified Carbon Standard (VCS)

Technology: Afforestation

Validated by: Det Norske Veritas Climate Change Services AS (DNV)

### Main goals of this project:

Our project benefits the forestry sector through an increase in timber supply from responsible resources and thus help reduce pressure on natural forests.

The project supports the socio-economic development of local communities according to UN Sustainable Development Goals.

Afforestation is an important contribution to increasing the biosphere's carbon storage capacity.







## Afforestation

Between 2000 and 2005, Uganda had one of the highest deforestation rates in the world. The objective of the project is to help mitigate climate change while meeting the growing demand for quality wood products and timber supply from well managed plantation forests and contribute to sustainable environmental management and poverty mitigation in Uganda. It supports socio-economic development of local communities and infrastructure improvements. It establishes and manages exotic and indigenous reforestation on 2,000 hectares of degraded shrub and grassland.

## Fighting global warming

Forests are not only among the planet's most important carbon reservoirs. They also are home to an enormous diversity of species and are the livelihood for all people. The afforestation of new or reforestation of degraded areas is an important contribution to increasing the biosphere's carbon storage capacity. Sustainable forestry is able to absorb large quantities of carbon due to the use of fast-growing species. New forests create habitats for animal and plant species and opportunities for local people.

# Uganda project contributes to 10 UN Sustainable Development Goals (SDG):



# Certificate

Partner in  
climate action

PROADEC PORTUGAL S.A.

Climate neutral company

This certificate confirms the offset  
of carbon emissions by additional  
carbon offset projects.

CO<sub>2</sub>-equivalents  
**2,054,000 kg**

Supported offset project  
**Multiple projects**

ClimatePartner-ID  
**16949-2112-1001**

Use the following URL for more  
information about the offset and the  
supported carbon offset project:

[climatepartner.com/16949-2112-1001](https://climatepartner.com/16949-2112-1001)

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A photograph of a wind farm with several white wind turbines in the background. The foreground is filled with a field of wildflowers, including red poppies and yellow daisies, growing in a grassy field. The sky is overcast and grey.

Becoming a Carbon  
Neutral Company is a  
huge milestone for us.

A photograph of a wind farm with several white wind turbines in the background. The foreground is filled with a field of wildflowers, including red poppies and yellow daisies. The sky is overcast and grey.

However, we do not stop here.  
Reducing our carbon footprint is one of  
our key priorities and we are  
continuously working towards our goal  
of zero emissions.

PROADEC Portugal

**Will You Join Us?**

**PROADEC** Portugal



**Carbon neutral**  
**Company**

[ClimatePartner.com/16949-2112-1001](https://ClimatePartner.com/16949-2112-1001)

[www.proadec.com](https://www.proadec.com)