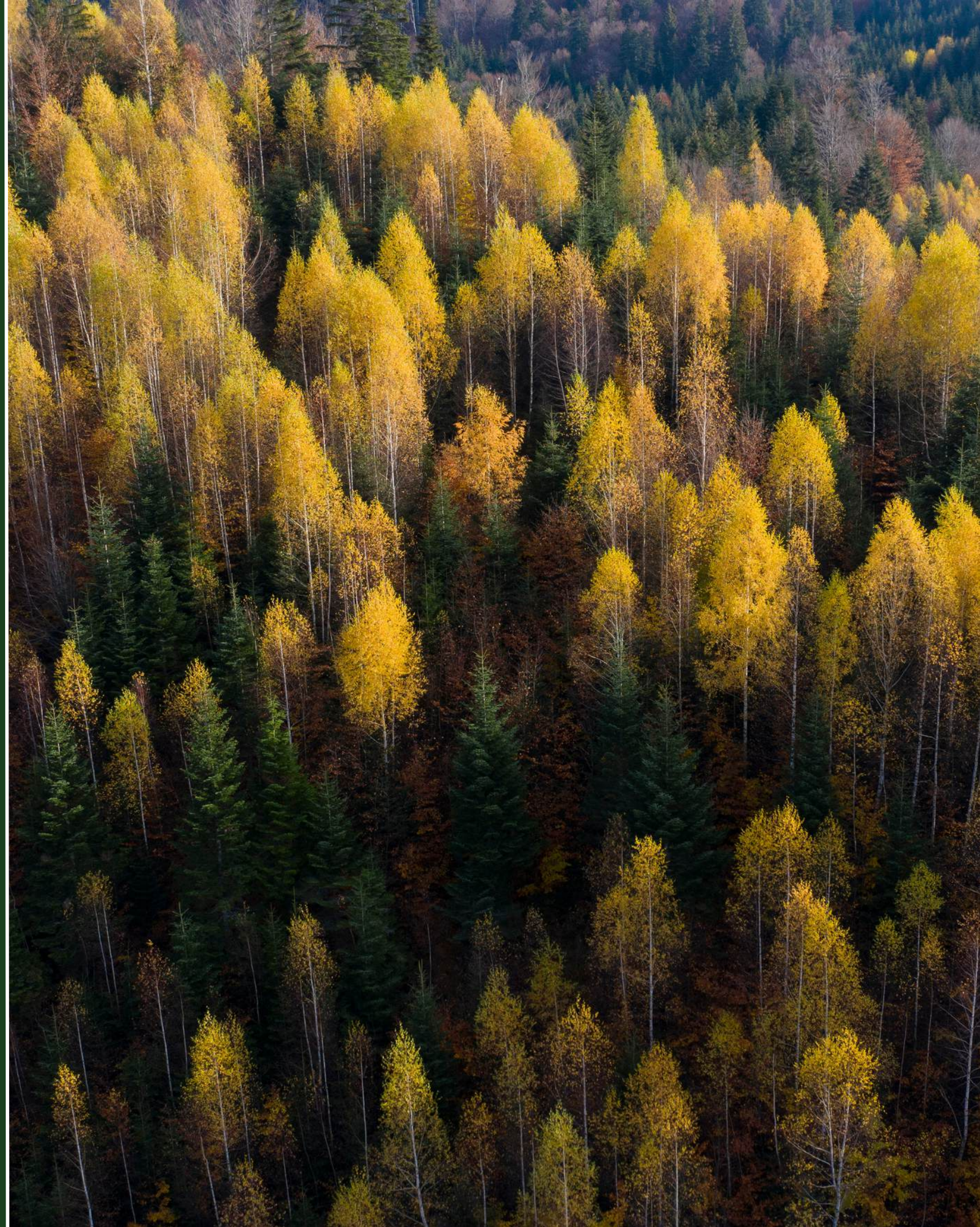


PROJECT PRESENTATION

**SILVADOR**

CLIMATE ACTION







# INTRODUCTION:

—• **Verra Registry** number 4511

—• **Silvador Company SRL** and **Forest Capital SRL** own **private forestland** in Romania have **developed** a forest, carbon credit project to **achieve** greenhouse gas (GHG) emission **reductions** and **removals** through the **conservation** of logged to protected (LtPF) privately owned forests.

—• The project **is developed** following the Verified Carbon Standard (VCS) VM0012 – Improved Forest Management in Temperate and Boreal Forests (LtPF), v1.2 **methodology**.





# OUR GOALS:

## NR. 1

**Reduce** Greenhouse Gas (GHG) emissions through the **deferral** of harvesting activities and contribute to a **sustainable future** where forests have an **invaluable role**.

## NR. 2

Create **market value** for the essential ecosystem services **provided** by **forest** to facilitate **future** economic development.

## NR. 3

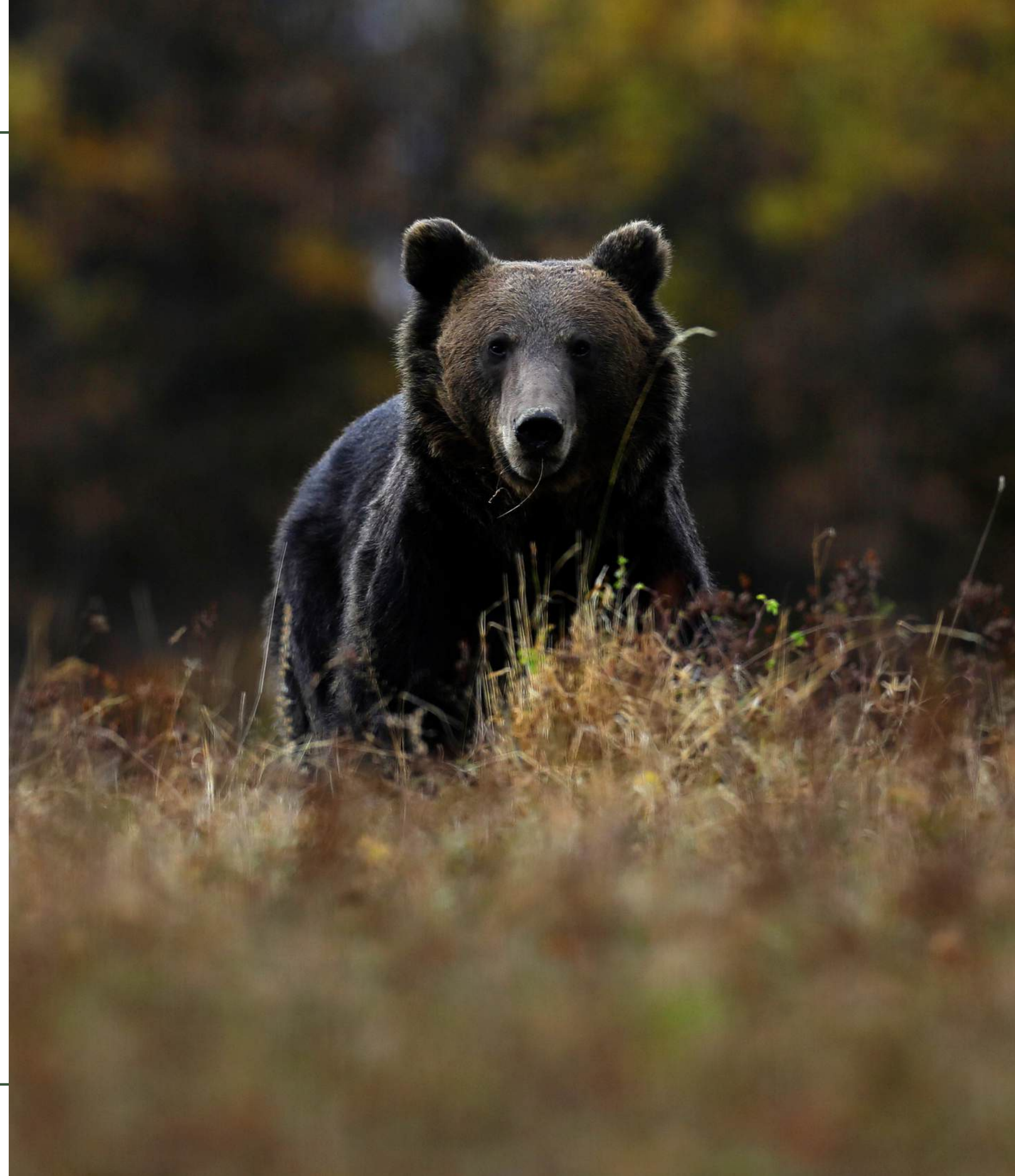
Increase **economic diversity** by **selling** carbon credits.



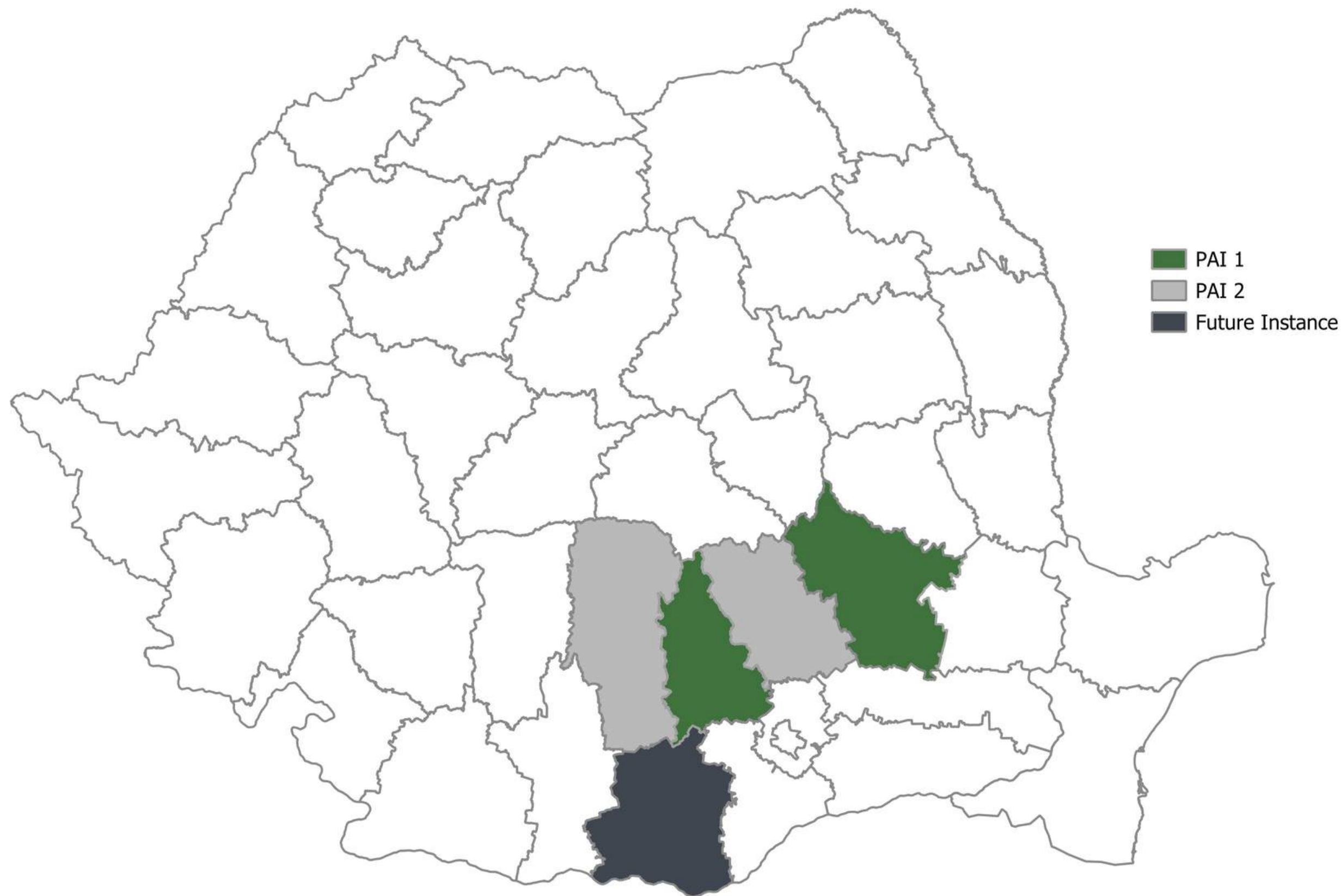
# PROJECT

## HIGHLIGHTS:

- Premier VCS/SDVISTA **accredited project** in Europe
- **Project area:** 2,320 ha
- Regional **climate impact** in Europe, especially CEE
- **Significant** annual **production** of credits
- Project **owned** and **administrated** by responsible, local **Romanian** investors



- **Location:** Romania (Buzău, Prahova, Dâmbovița and Argeș Counties) with future instances in Teleorman
- **Geographic region:** The Romanian Subcarpathians
- Project **Activity** Instances (area): – PAI 1: 1,537 ha  
– PAI 2: 783 ha
- Dominant tree **species:** Oak, Beech, Hornbeam



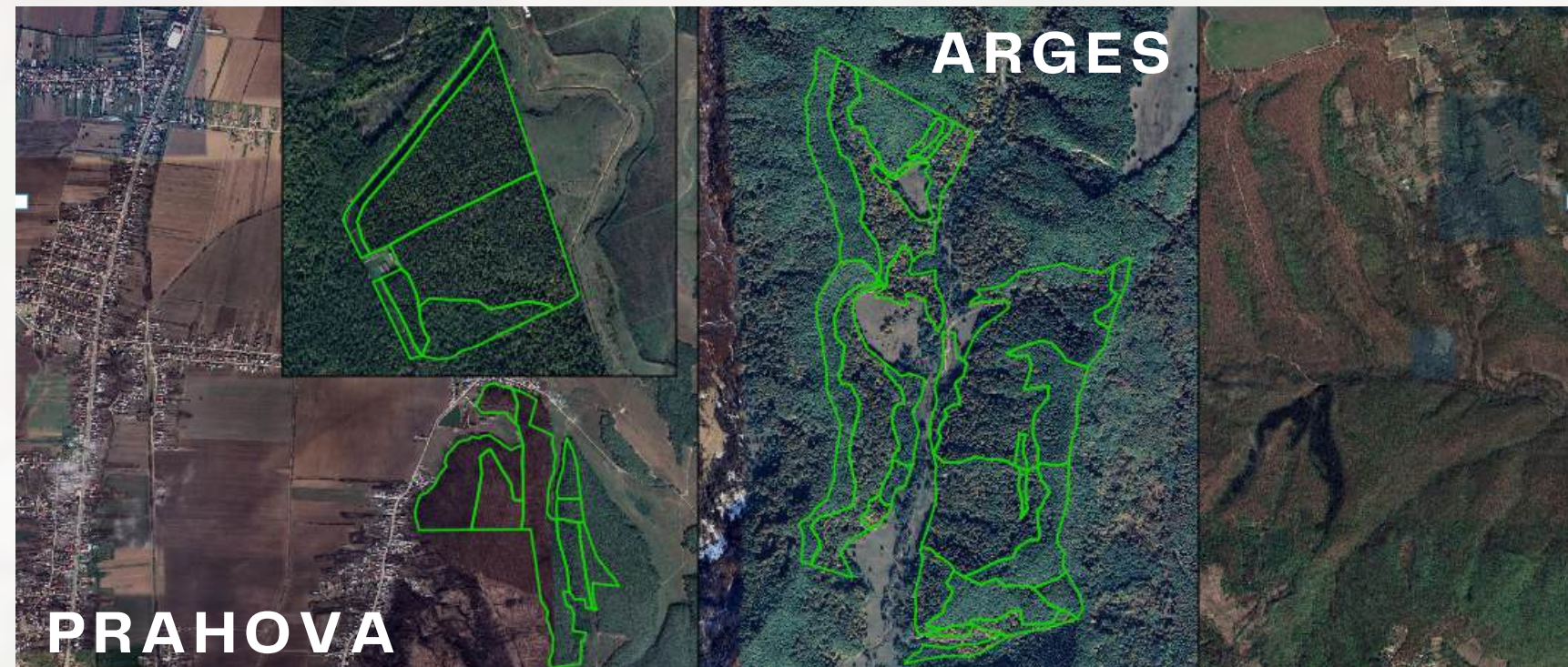
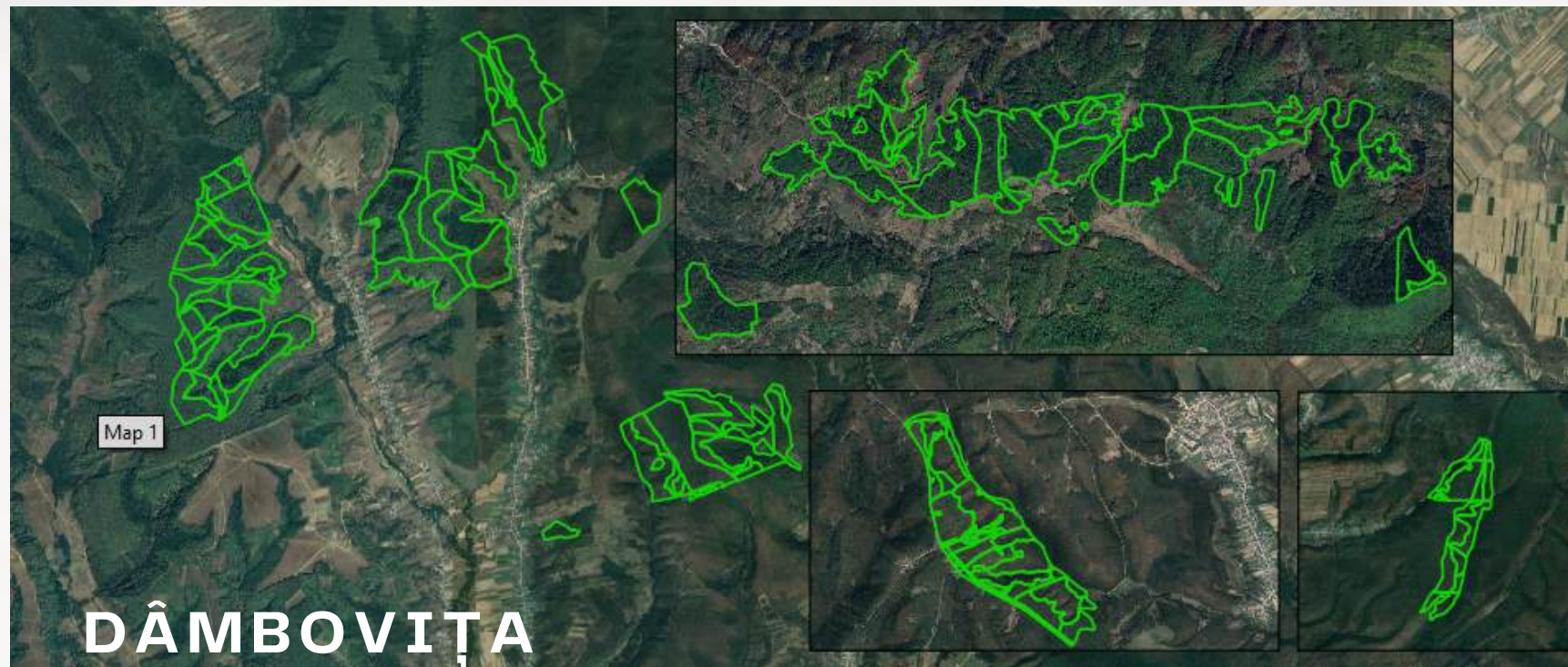
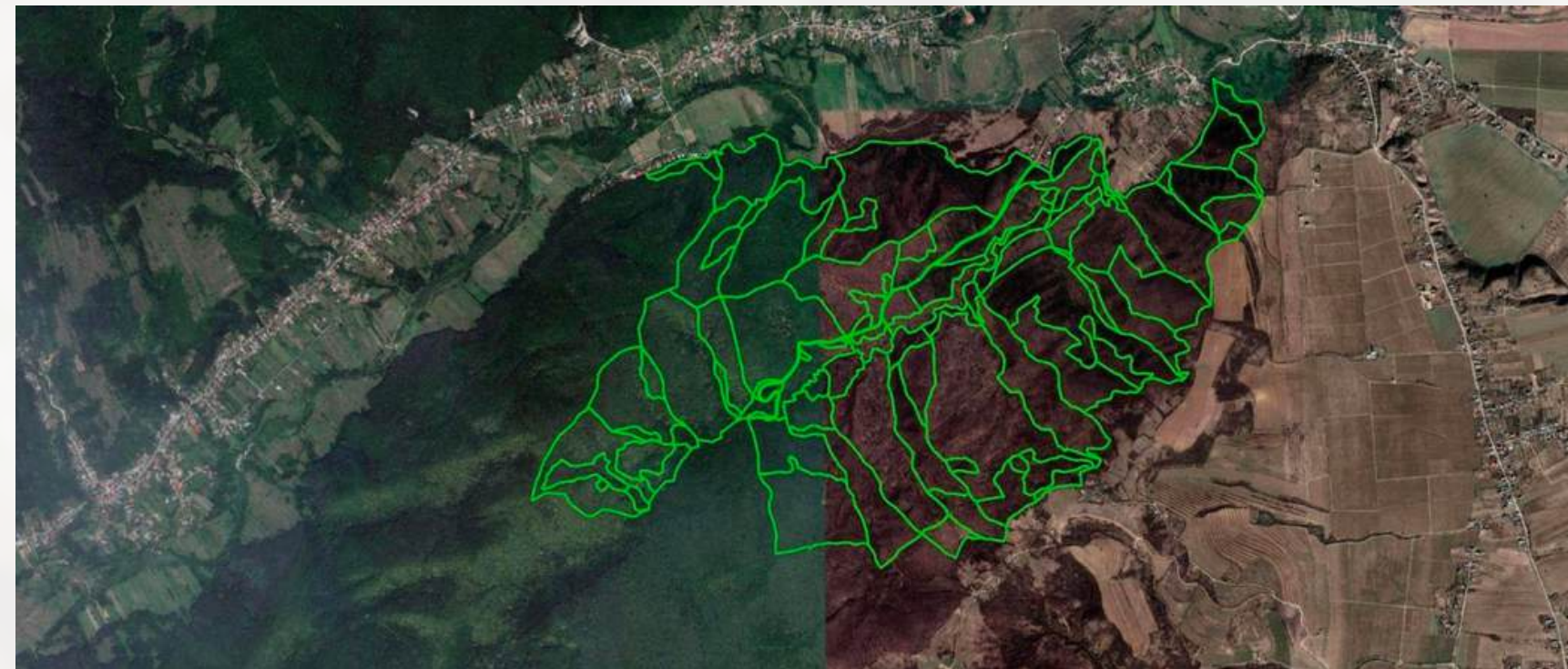
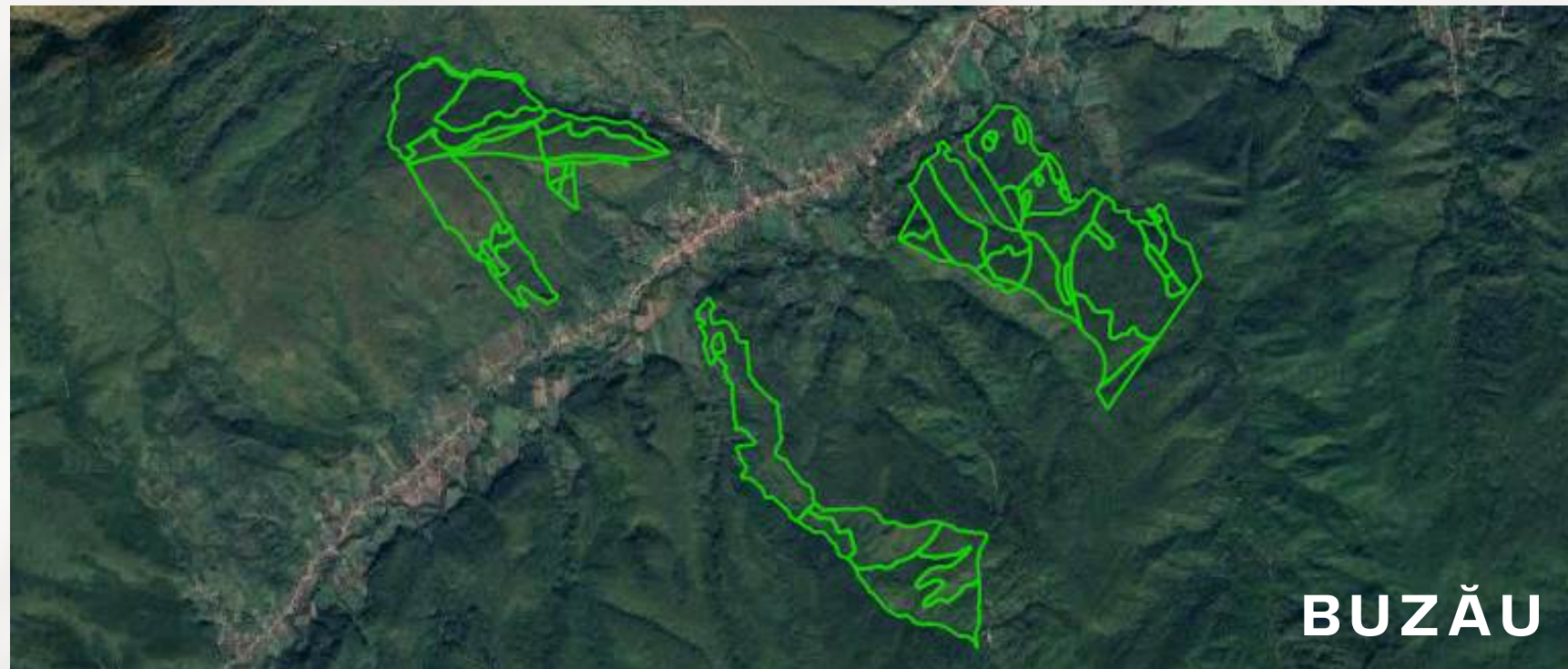
## PROJECT AREA:



SILVADOR CLIMATE ACTION



# FORESTS LOCATION





# VCS (VERIFIED CARBON STANDARD)

## METHODOLOGY

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Methodology **comparatively quantifies** Greenhouse Gas (GHG) emission **reductions/removals** on lands where tree harvesting is the **normal** business use for the forested lands, and harvesting is **deferred** in the project scenario.

### **MASSIVE EMISSION REDUCTIONS:**

VCS project is Projected to reduce approx. 432,000 thousand tCO<sub>2</sub>e of emissions over the life of the project.

### **COLLABORATIVE CLIMATE ACTION:**

Grouped Project

### **OUR ONGOING PROJECT JOURNEY:**

40-year project period

### **PROJECT DURATION:**

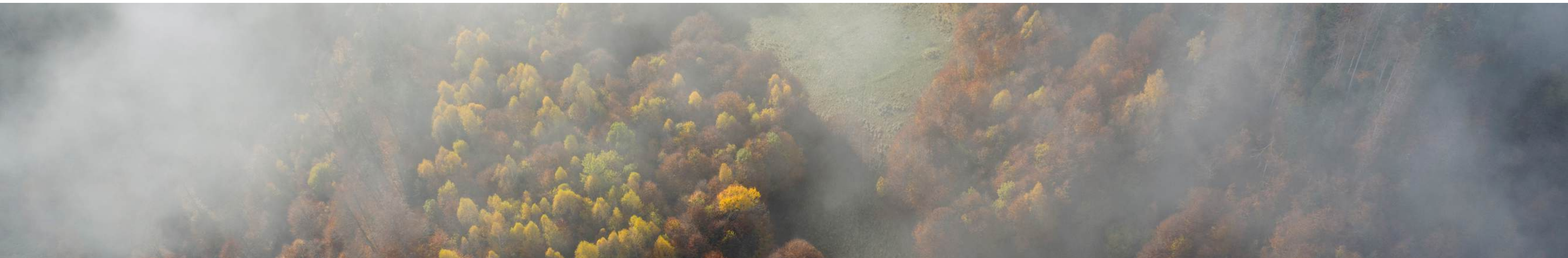
Project period: August 1st, 2020 to July 31st, 2060

# SUSTAINABLE DEVELOPMENT **VERIFIED** IMPACT STANDARD **(SD VISTA):**

——● Globally **recognized** standard managed by **VERRA**

——● Principle is to advance **goals set** out by **United Nations 2030** Agenda for Sustainable Development.

——● Powerful framework that **can help** companies **achieve** their ESG goals





# SDGS THAT SCA IS ASSOCIATED WITH:



## RESPONSIBLE CONSUMPTION AND PRODUCTION

By promoting **sustainable forest management practices**, Silvador encourages **responsible use** of natural resources.

Our educational programs **empower** local communities to adopt practices, **reducing** waste and resource depletion.



## LIFE ON LAND

Our initiative **conserves** and **restores** terrestrial ecosystems, promoting **biodiversity** and **safeguarding** endangered species.

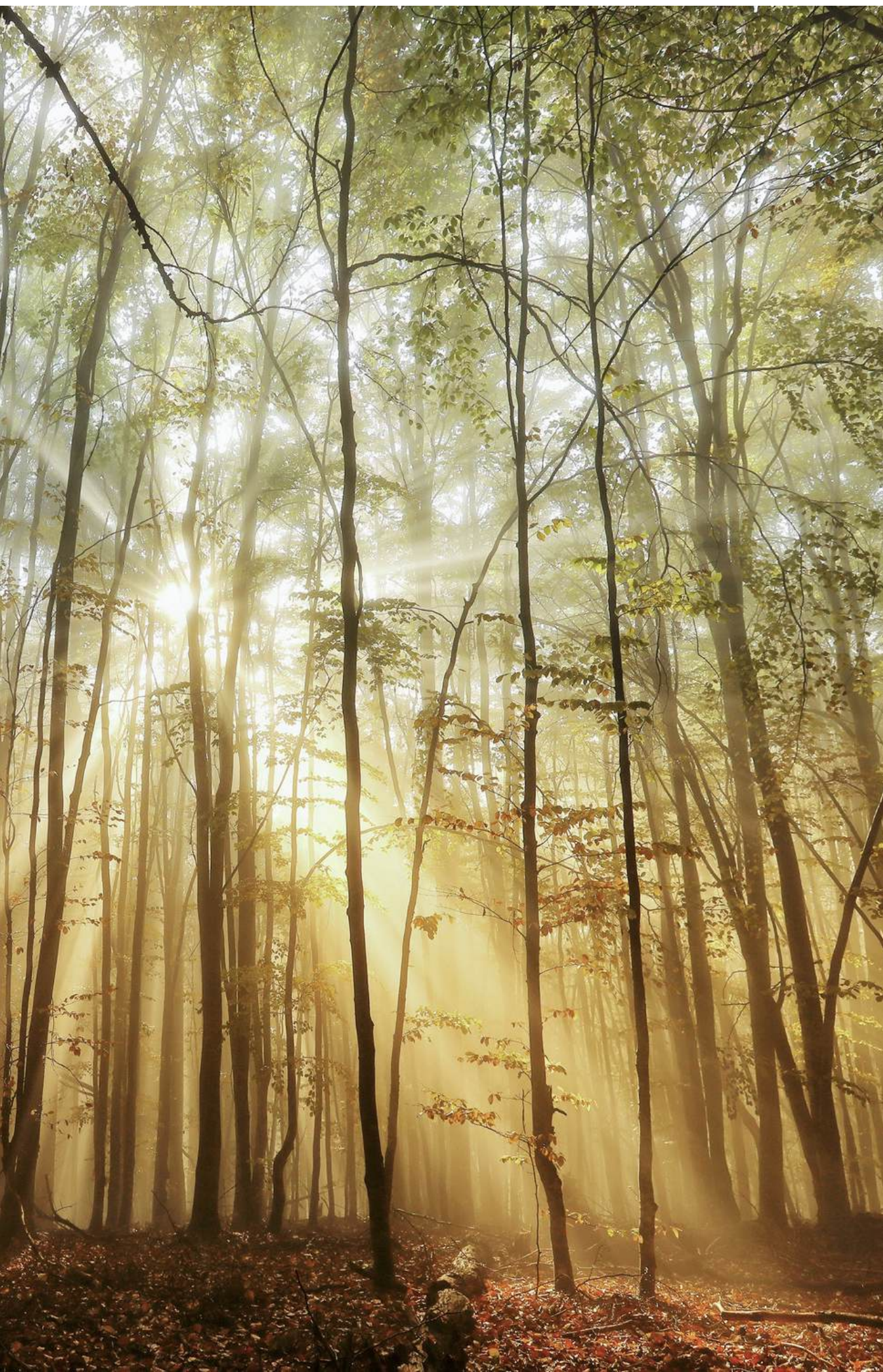
By working with **local communities**, we also combat deforestation and protect habitats for **future generations**.



## CLIMATE ACTION

**The main objective** of the project is to actively combat **climate change** by focusing on reforestation and forest preservation as **effective measures** to sequester carbon, thereby **directly** aligning with the targets outlined in Sustainable Development Goal 13.





# ESTIMATED EMISSIONS REDUCTIONS

- ANNUAL MONITORING:  
Annual monitoring **efforts** that **drive** our commitment to a **greener future**.
- TOTAL ESTIMATED EMISSION REDUCTIONS:  
432,000 tCO<sub>2</sub>e **equivalent** to:

**80,000**

HOMES' ENERGY  
USE FOR ONE YEAR



**105,000**

PASSENGER  
VEHICLES







# PROJECT FEATURES

- Initial **Validation and Verification**: 2020 – 2022
- Current **Monitoring Period**: 2023–2024
- Non-permance **risk**: 20%
- **Uncertainty**: 1.5%
- **Leakage**: 10%

**Removals vs. Reduction**: anticipated to be 50/50  
(to be confirmed; age class favorable for  
increased removals)



# PROJECT MONITORING



Detailed **satellite imagery** will be acquired for the years 2023 and 2024 to assess the areas for change disturbances.



136 **permanent monitoring sample plots** have been established throughout the carbon project areas to monitor changes in carbon stocks using the most recent forest measurement technologies.



Monitoring and reporting on status of project area will occur in **5-year intervals**.

## Monitoring identifies changes to:

- Natural Disturbances (e.g., wind, fire, insect events)
- Harvesting (legal and illegal >4ha)
- Planned activities







# OTHER **EU FOREST** CARBON PROJECTS



**One of only three registered** European Nature-Based Solution projects listed on the Verra registry that have implemented a carbon project using an **Improved Forest Management** methodology to date.



**One of 65 registered** Sustainable Development Verified Impact Standards (SDVISTA) **projects worldwide.**

[HTTPS://REGISTRY.VERRA.ORG/APP/PROJECTDETAIL/VCS/4511](https://registry.verra.org/app/projectdetail/vcs/4511)



SILVADOR CLIMATE ACTION

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