

# CO2SINK – Narration manuscript (ENG)

Since the pre-industrial era, the concentration of carbon dioxide in the atmosphere has increased by 48 percent, such a figure has dramatic consequences that cannot leave us indifferent.

Today more than ever the future of the planet depends on us, who has the courage to change their point of view?

Let us look at the world through the eyes of trees: CO2 becomes a resource, nourishment for vegetation, oxygen returned to the Earth.

This is how a special market is born: the carbon credits market.

A climate contribution system that fits into the broader strategy of achieving "Net Zero Emissions" outlined in the Paris Agreement between the United Nations to combat climate change.

One carbon credit issued corresponds to one ton of CO2 removed from the atmosphere, forever.

In this market, industries and investors buy and sell carbon credits generated by carbon removal projects, including environmental protection and forestry projects.

One example?

The project carried out in collaboration with the Calabria region, that enabled the redevelopment and protection of one of Italy's largest forest heritages thanks to the "CO2Sink" solution.

"CO2Sink" is a high-tech solution that exploits an innovative method, based on artificial intelligence techniques and scientific standards, that can highly accurately and transparently estimate the exchange of CO2 between vegetation and the atmosphere.

The method is based on the "Eddy Covariance" technique, the most accurate, direct and defensible approach to date for measuring the CO2 exchanged between the forest and the atmosphere.

"CO2Sink" implements a method to extend direct "Eddy Covariance" measurements restricted to the station measurement footprint to much larger areas through the joint use of satellite data, via machine learning algorithms.

The "CO2Sink" solution thus makes it possible to monitor, on a continuous basis, thousands of hectares of forest.

An important achievement for the planet and that makes investors part of a virtuous global movement to responsibly address climate change.

Let's enhance the value of our forests, let's look at the world through the eyes of trees.