

Forest Value Creation Platform "Morikachi"

"Morikachi" is a platform that comprehensively supports the creation, screening, and trading of carbon credits derived from forests.

It increases the value of forests and nurtures forests and people by stimulating the creation and distribution of carbon credits.

In recent years, with climate change, various problems such as the intensification of natural disasters and the impact on ecosystems have become serious, and it is urgent to take measures toward decarbonization.

Companies are required to achieve both growth and decarbonization, but there are limits to reducing GHG emissions through their own efforts alone.

Carbon credit can be traded as environmental value calculated from the amount of GHG reduction and absorption through the introduction of renewable energy, energy conservation and forest management, etc.

It is expected to be used more and more in the future as a tool to encourage creators' efforts toward decarbonization.

Forests, one of the means of creating carbon credits, are indispensable for achieving carbon neutrality as a CO₂ sink. However, in Japan, there are concerns that forest maintenance is not progressing due to a lack of funds and a shortage of workers due to an aging population. Inadequate forest management not only reduces CO₂ absorption, but also reduces multiple functions of forests, such as biodiversity conservation, water source cultivation, and sediment disaster prevention.

In addition, in J-Credit, a system certified by the government, the proportion of credits derived from forests is low, and the amount of credits generated is about 10% of the total, and the amount of credits actually used for invalidation and write-offs is only about 5%.

In order to promote forest maintenance, it is necessary to increase the amount of credit generated and distributed. To achieve this, it is necessary to resolve the issues of each creator, assessment organization, and purchaser.

Based on the concept of "Connecting Forests and Society," we provide "Morikachi," a service that solves issues related to forest credit.

By providing various functions and services to support credit creation, screening, and transactions, "Morikachi" ensures smooth credit transactions.

For example, all information is digitized and linked to forest location information through data management and screening support functions using GIS. It enables online screening while viewing a map.

On the credit sales site, various information, such as the area of creation and the state of forests, is presented in an easy-to-read manner, leading to more active transactions.

By promoting forest maintenance with the proceeds from carbon credits, we can not only absorb CO₂ but also maintain and restore the multiple functions of forests.

In addition, by creating exchanges between forest owners and companies that purchase credits through forestry experiences, the project will contribute to revitalizing local economies and fostering environmental awareness among companies.

"By combining Sumitomo Forestry's abundant know-how in forest management with our company's ICT technology, "Morikachi" will promote the creation of high-quality carbon credits and transparent outflow. Sumitomo Forestry has a strong network of forest owners

who create forests, and by leveraging our position as a telecommunications carrier, our company is able to contact companies that are not limited to specific industries."

"Our company is also engaged in forest forestry consulting, so we believe that our strength is that we can provide consultation from this stage on how to position credit generation in the overall forest management.

I think it is a feature that we can offer consultation and support from scratch.

We would like to maximize the value of forests by focusing on not only the absorption of carbon dioxide but also the functions of groundwater recharge, biodiversity, and conservation. The recycling of forests and lumber is highly evaluated, and we hope that this will lead to the realization of a decarbonized society, nurture forests, and nurture local economies."