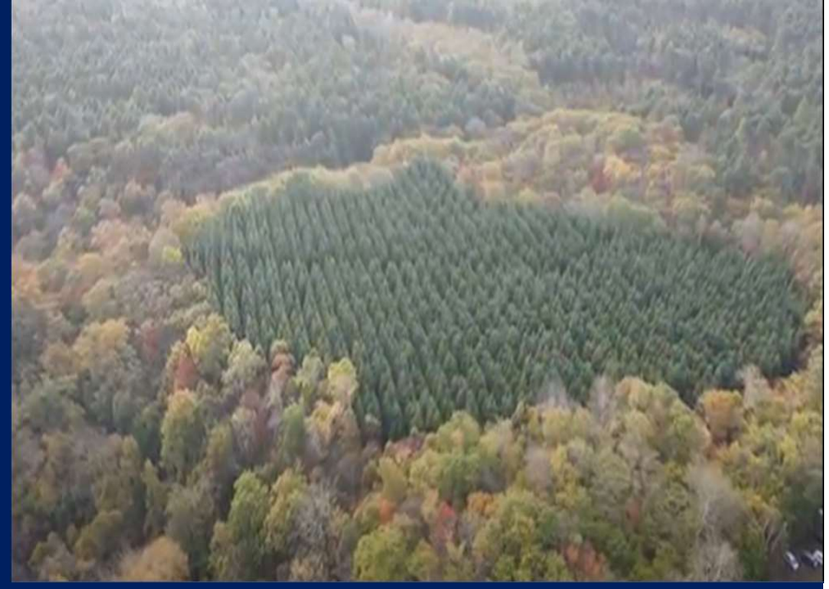
(At the early morning movement meeting)



Chitose rotary forest
千歳ロータリーの森林

Q)　What is "Chitose Rotary Forest"?

A)　The Income Contracted By Chitose Rotary Club With The Hokkaido Forestry Bureau (currently The Hokkaido Forest Management Bureau)　Artificial forest provided by the afforestation business.

Q)　What is the revenue and afforestation business?

A)　It is a kind of form of ownership and management in forests. The right to own the land part of the forest and the part of the tree (ground rights)
After separating into the right to own and manage, the income generated by the part of the tree as a result of management (the profit from the sale of the cut down trees) is divided in half (income) at the ratio decided by the two as the land fee and management fee, and the effect of the forest It is one of the effective methods for use and soundness.

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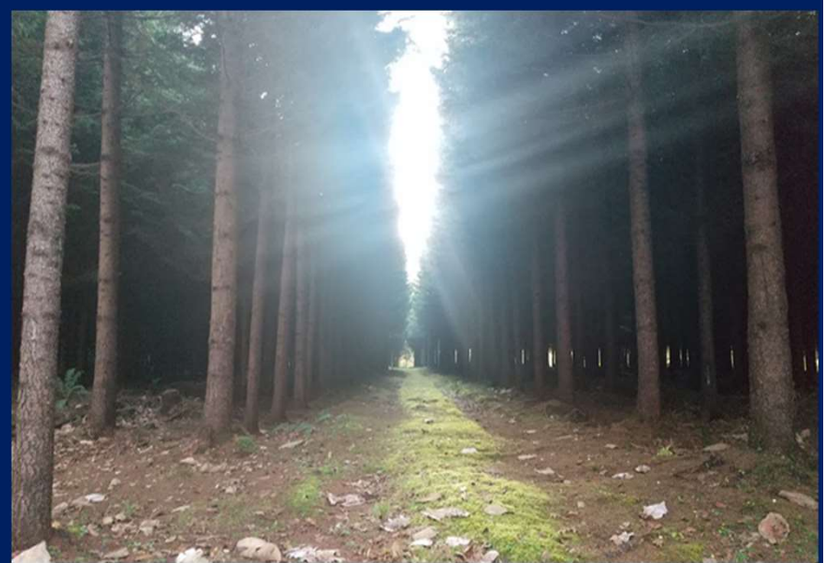


Outline of ”Chitose Rotary Forest”

Contractor: Director of Hokkaido Forestry Bureau
Place: Chitose City Rangoshi Eniwa Business District 5372 Forest Team
Area: 2.811 hectares
Period:80 years (from 1991)
Planted tree species: Akaezo pine 7300 trees

※Due to the first implementation, there are

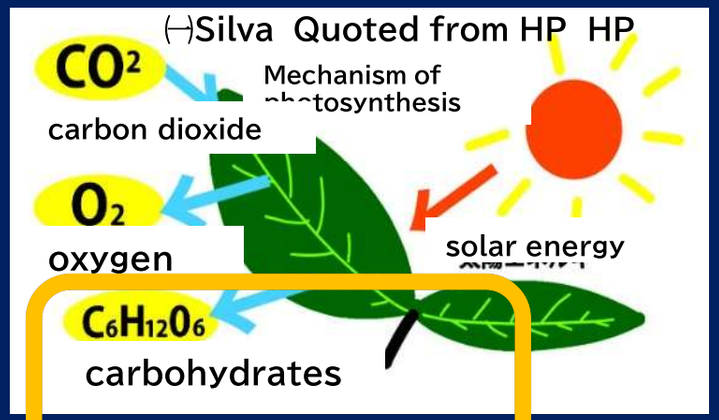
(At the time of planting in 1992)

(2001 10 years have passed)

※Second person from the left in the back rowThe first president of the union, Mr. Shuichi Tanji

Forests absorb CO2.

・Plants produce acid tables and carbohydrates by CO2 and light.
・This carbohydrate is the source of growth.
・You can assume the annual CO2 absorption by calculating the proportion of carbon contained in the part that grew in a year.
(It depends on the region, breed, and age)

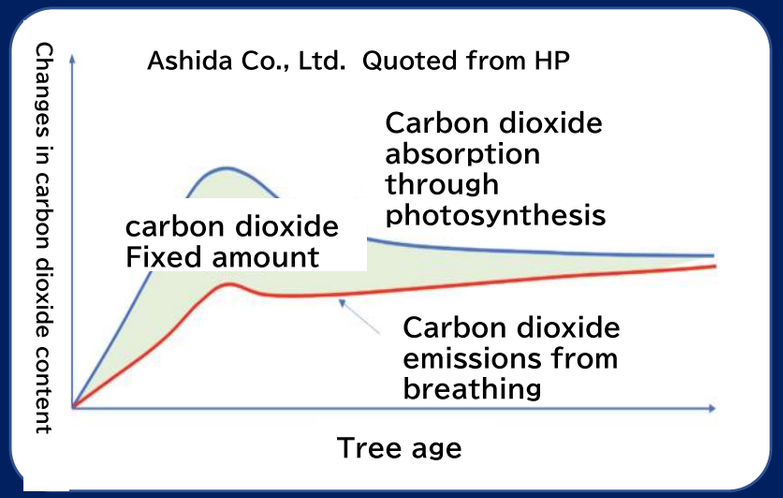


What is the amount of CO2 you are absorbing?

The amount of CO2 absorption in general forests has the following characteristics.
・In conifers and broad-leaved trees, conifers have greater absorption.
・Young trees from 11 to 40 years old have a large amount of absorption.
・The amount of absorption decreases year by year in the elderly after 40 years.
・As of 2024, the amount of C02 absorbed by ”Chitose Rotary Forest” was estimated, and the result was that there was more than 20 tons of absorption per year.

CO2 absorption = more than 20 tons/year

(Reference) Image of CO2 absorption in forests



(Points)
・Plants are absorbing CO2 by photosynthesis, while they are expelling CO2 by breathing. This deducted amount becomes the amount of CO2 absorption.
・As you age, the difference decreases (the amount of absorption decreases)

Regular meeting implementation and CO2 emissions

・When holding the regular meeting, transportation by car (oil Fuel), venue lighting (electricity), venue air conditioning (electricity), lunch
It uses energy such as (gas), and this makes CO2.
When this amount was calculated, the result was that the maximum emission of about 250 kg was emitted even once the regular meeting was held.
・The absorbed CO2 greatly outpers the amount of CO2 emitted. That means that at the moment, we are offsetting CO2 emissions by the amount of absorption in the forest.
・I think that the ”Zero Carbon Regular Meeting” has been established(Based on the calculation results since the number of members is 75.)

Future efforts

・It is a long-term project that will continue until 2071, and continuous conservation activities will be necessary in the future
・Currently, a zero-carbon regular meeting has been established, but in the future, the amount of CO2 absorption will decrease due to the second time and aging.
・For this reason, it is necessary to proceed with efforts to control the generation of CO2 while continuing to manage forests.

For example, I would like to start with what I can do, such as participating in regular meetings on foot, moving by shared ride, thinning out lighting, reducing food loss, updating to eco-cars, etc.