To achieve the government's goal of achieving a decarbonized society by 2050, there is an urgent need for companies to reduce GHG emissions.

To achieve this, it is not enough to reduce our own emissions, but we need to achieve net-zero emissions throughout the entire supply chain.

However, there are many companies that do not know how much they are emitting and do not know how to tackle the problem.

Therefore, we at NTT Communications have developed CO2MOS to support our efforts to realize a decarbonized society.

CO2MOS is a GHG emission calculation, visualization and analysis service.

Utilizing data received from suppliers through data linkage, as well as our own data, we can more precisely calculate GHG emissions across the entire supply chain.

By utilizing the data, it is possible to simulate what reduction measures will be effective to achieve the target.

CO2MOS has the following characteristics:

・Solutions for more precise and efficient collection of data required for emission calculations through cooperation with internal systems, plant facilities, etc.

Analysis of emissions by process and line using this method.

・Support service for calculating GHG emissions for companies that are calculating for the first time or are having trouble calculating.

・Integrated solution with ESG information by managing non-GHG data such as water and waste.

・Flexible customization such as adding features and changing specifications to meet customer requirements

We provide total solutions for GHG emissions calculation, visualization and analysis.

We are also working to co-create with partner companies to resolve industry-specific issues.

The first step is to target the supply chain of the steel industry, which is highly influential in GHG emissions.

In cooperation with Marubeni Itochu Steel Inc., we launched MIeCO2, a total decarbonization solution that incorporates our knowledge of the steel industry.

MIeCO2 supports the realization of net zero for a wide range of customers, not only through the promotion of net zero in the steel industry, but also through new initiatives to transform decarbonization into value.

There are various industries and business types in the steel industry.

By using the various functions of CO2MOS for each customer, we are able to provide services that meet customer needs.

As a result, MIeCO2 is a service that is unique from other services and close to our customers, which makes them happy.

In order to realize net zero in the steel industry, we will continue to provide new solutions, such as CO2 reduction and data utilization, together with CO2MOS.

Going forward, we aim to expand the value of our offerings by co-creating with new partners to expand into other industries and combining them with IoT/AI solutions, which is the strength of the NTT DOCOMO Group.

We are providing and developing various solutions to realize a decarbonized society, including the circular economy, digital product passports, forest conservation through carbon credits, and biodiversity.

To this end, we will actively cooperate with organizations, industries, and services that aim to achieve net zero, and contribute not only to our own decarbonization but also to the decarbonization of society and our customers.