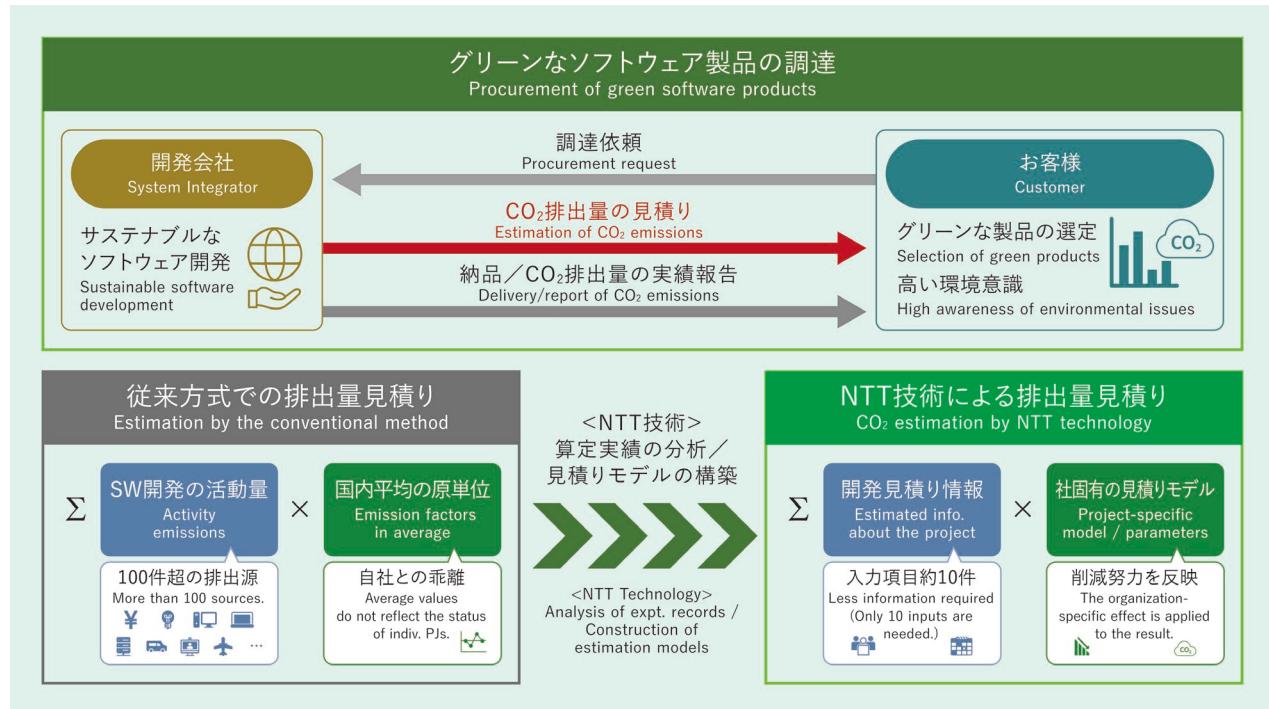## Simple CO_2 estimation using basic software project information
CO_2 estimation for software development

Background and Technical Challenges

Preparing various information for estimation before development according to standard rules is challenging. There is also concern that the estimation may not reflect a company's efforts in its green initiatives.

R&D Goals and Outcomes

Ensuring competitiveness in "green procurement" of software and achieving decarbonization of the software supply chain.

Key Technologies

01 Core Technologies

- Technology for constructing a CO_2-emission-estimation model in software development
- Technology for estimating CO_2 emissions using project information

02 Key Differentiators

Standard rules require the estimation of more than 100 kinds of activity data. This technology enables precise estimation using a company-specific estimation model and approximately 10 kinds of activity data.

Use Cases	Public Services & Local Government	R&D phase	Development
Technology Schedule	FY25-26	Commercialization Schedule	TBD