

Overview of Carbon Reporting

Importance of measures to reduce CO₂ emissions from small- and medium-sized leased buildings

Background

About 70% of CO₂ emissions from small- and medium-scale facilities are from offices and shops. Most of them are located in leased buildings.

Problems

■ CO₂ reductions from leased buildings are needed but building owners are reluctant to renovate their buildings because most of the benefits (lower utility costs) would not be enjoyed by the owners but by the tenants.

■ It is difficult for prospective tenants to obtain information on the environmental performance and measures to reduce CO₂ of individual buildings they are interested in.

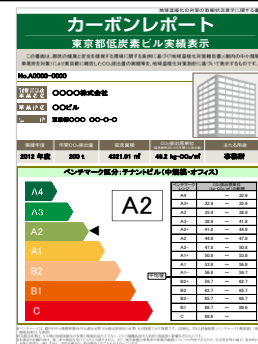
→ It is necessary to declare, through a form, the emission level of buildings for prospective tenants to be able to make evaluations on which buildings to lease.

Carbon Reporting Program

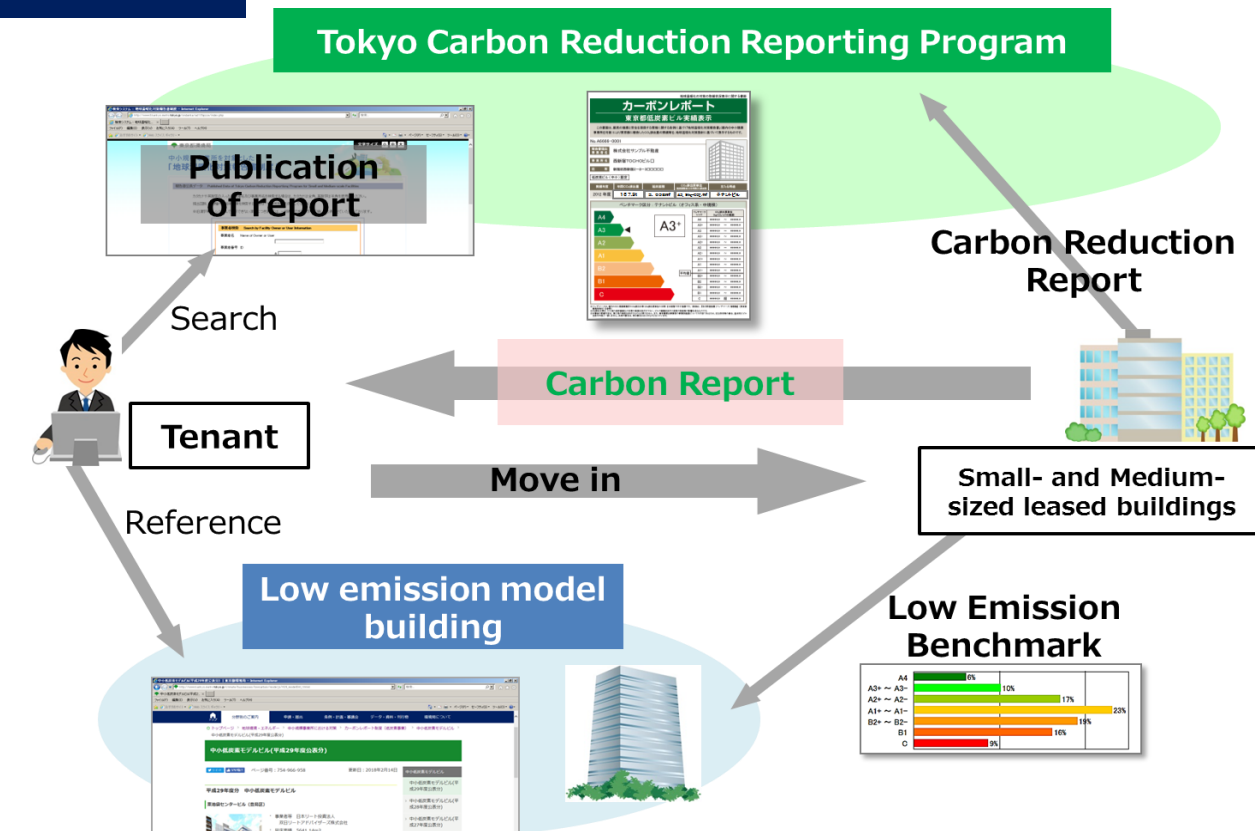
Create a **Carbon Report** to showcase energy saving

⇒ Building owners present their Carbon Report to prospective tenants to showcase their efforts to reduce energy use and the present status of energy saving.

◎ In addition, TMG coordinates four programs with a central focus on the Carbon Report to promote the reduction of energy use and CO₂ emissions from small- and medium-sized leased buildings.



Overview

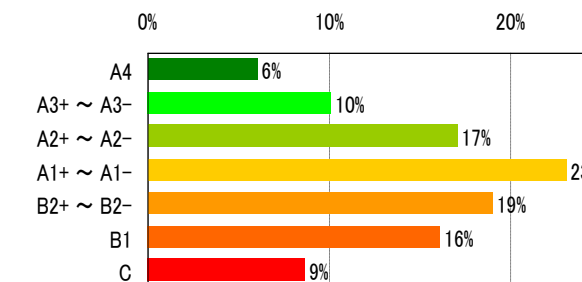


Four Low-Carbon Programs

1

■ CO₂ Emission Benchmark (Self-Assessment Indicator)

Based on the reports submitted to TMG in accordance with the Tokyo Carbon Reduction Reporting Program, a self-assessment indicator was created: it comprises 15 ranges in seven grades for the CO₂ emissions (kg-CO₂/m²) of 30 industrial sectors. Businesses can more readily comprehend the current level of CO₂ emissions from their facilities using this indicator and aim to achieve the next level.



2

■ Official release of reports submitted in accordance with the Tokyo Carbon Reduction Reporting Program

On the TMG website, we officially release information on small and medium-sized leased buildings that have submitted reports.

Businesses considering moving in to the building can check CO₂ emissions and the implementation of energy-saving measures of the building they are interested in.

The screenshot shows the 'Search by Facility Information' interface on the TMG website. It includes fields for 'Name of Facility', 'Address of Facility', 'Postal Code', 'City/Town/Village', 'Submission Category', 'Total Floor Area', and 'Type of Business'. There are also dropdown menus for 'Main Use' and 'Industry Category'. A 'Search' button is at the bottom, and a note indicates that search results are based on the submitted information.

3

■ Promotion and public recognition of model low-carbon buildings

Small- and medium-sized leased buildings that fall within the benchmark range of A1 or higher and are actively implementing energy-saving measures are officially recognized as low-carbon buildings.

4

■ Standards to encourage TMG facilities to move into leased low-carbon buildings

TMG Green Purchasing Guideline requires TMG facilities to move in to leased buildings that are ranked A1 or higher in the CO₂ emission benchmark noted above.