

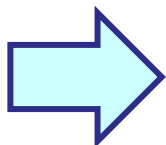
Carbon Reduction Reporting Program for SMEs



<Objective>

To promote global warming strategies among **small and medium scale facilities** in Tokyo (defined as those with energy usage below 1,500 kL crude oil equivalent). Reporting requirements came into effect in April 2010.

- **Annual reporting to TMG detailing CO2 emissions** for the previous fiscal year and **ongoing impact of global warming strategies**.
- Reporting requirements apply to all organizations operating from leased or owned facilities in Tokyo with annual energy consumption of **3,000 kL or more**. Reports must be made available in the public domain. A typical example of an organization in this category is convenience stores.



Releasing annual global warming reports into the public domain gives organizations the opportunity to promote their global warming credentials.





About the low-carbon benchmark

◆ Based on comprehensive analysis of Global Warming Countermeasures Reports

- Average unit CO₂ emissions in 30 different industries
- Used to rate individual CO₂ emissions against industry average (15-point scale divided into seven categories)

◆ An indicator that facilities can use to evaluate their CO₂ emissions

- Instantly compare emission levels with similar facilities in your industry

$$\text{CO}_2 \text{ emissions unit (kg-CO}_2\text{/m}^2\text{)} = \frac{\text{Annual CO}_2 \text{ emissions by facility (kg)}}{\text{Total floor area of facility (m}^2\text{)}}$$

* CO₂ emissions per square meter of floor space





Low-carbon benchmark

Benchmarks in 30 industries

Revised to include FY2012 figures

Code	Classification	Average unit kgCO ₂ /m ²	Code	Classification	Average unit kgCO ₂ /m ²
1	Offices—tenanted section	81.3	14	Hospitality—hamburger stores	733.4
2	Offices—owned	65.4	15	Hospitality—cafes and tea houses	414.1
3 (1)	Tenanted building—offices, small	78.9	16	Hospitality—grilled meat shops	561.9
3 (2)	Tenanted building—offices, medium	75.5	17	Hospitality—Chinese food and ramen	985.1
3 (3)	Tenanted building—offices, large	75.1	18	Hospitality—Other	718.7
4 (1)	Tenanted building—mixed commercial, small	207.7	19	Hotels and inns	125.2
4 (2)	Tenanted building—mixed commercial, medium	174.8	20	Schools and educational facilities	23.4
4 (3)	Tenanted building—mixed commercial, large	124.1	21	Hospitals and clinics	106.0
5	Retail—convenience stores	585.4	22	Childcare facilities	57.1
6	Retail—drugstores	295.4	23	Nursing care and welfare facilities	72.6
7	Retail—supermarkets and department stores	259.7	24	Gymnasiums and fitness clubs	203.5
8	Retail—fresh foods	387.0	25	Pachinko parlors	287.1
9	Retail—food production and sale	765.3	26	Karaoke bars	252.1
10	Retail—clothing and accessories	124.8	27	Game centers	333.9
11	Retail—new car sales	63.4	28	Libraries	64.3
12	Hospitality—cafeterias and restaurants	596.6	29	Museums and galleries	69.3
13	Hospitality—bars and pubs	365.1	30	Local government offices and community facilities	54.6





Low-carbon benchmark

Benchmark rating scale (15-point scale with seven categories)

Unit CO₂
emissions

Low



Average



High

Rating		Range (ratio relative to average value)
A4	A4	55% or less
A3	A3 ⁺	Over 55% up to 60%
	A3	Over 60% up to 65%
	A3 ⁻	Over 65% up to 70%
A2	A2 ⁺	Over 70% up to 75%
	A2	Over 75% up to 80%
	A2 ⁻	Over 80% up to 85%
A1	A1 ⁺	Over 85% up to 90%
	A1	Over 90% up to 95%
	A1 ⁻	Over 95% up to the average
B2	B2 ⁺	Above average up to 105%
	B2	Above 105% up to 110%
	B2 ⁻	Above 110% up to 115%
B1	B1	Above 115% up to 150%
C	C	More than 150%





Assistance for small and medium scale facilities

Advice and training on low-energy strategies

- Energy audits, in-company training sessions with expert trainers
 - Industry-specific courses on saving energy, texts describing energy saving strategies
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Subsidies for energy-saving equipment and fittings

- Green leasing scheme (energy-saving improvements to tenanted buildings)
 - Small-scale Thermoelectric Energy Management Support Scheme (renewable energy and energy-saving systems for medical facilities)
 - Tax incentives for energy-saving initiatives (enterprise tax discounts for energy-saving equipment)
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