



Tokyo Cap & Trade & International Knowledge exchange



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Tokyo Cap-and-Trade Program (2010-): Outline

“The World’s First **Urban Cap-and-Trade** Program”

Covered gas: energy related CO₂ emissions



Coverage: **1300** facilities emitting large amount of CO₂

- Mainly buildings in the commercial sector
- **Covers 40%** of emissions from commercial & industrial sector in Tokyo

Cap: **6%** reductions for the 1st phase, **17%** for the 2nd (two 5yr period)

Compliance Obligation: Covered facilities are required **6 or 8%** reductions over a **5 year** period from their own base year emissions

Allowance allocation: Grand-fathering, for free

Emission Trading: **Tradable allowances are limited** to the excess reductions over compliance obligations

MRV system has established for the program

Offset system: renewables, emission reductions in small facilities, etc



Excellent Results!

1. First year reports from covered facilities

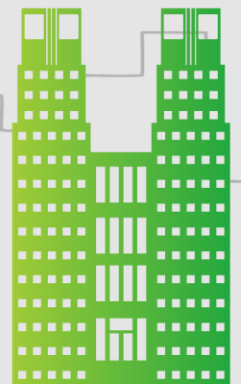
In total 13% reductions from the base year emissions
64% of facilities reduced more than their compliance obligations for a year

2. Responding Buildings Sector

Vast investment in “Greening” buildings

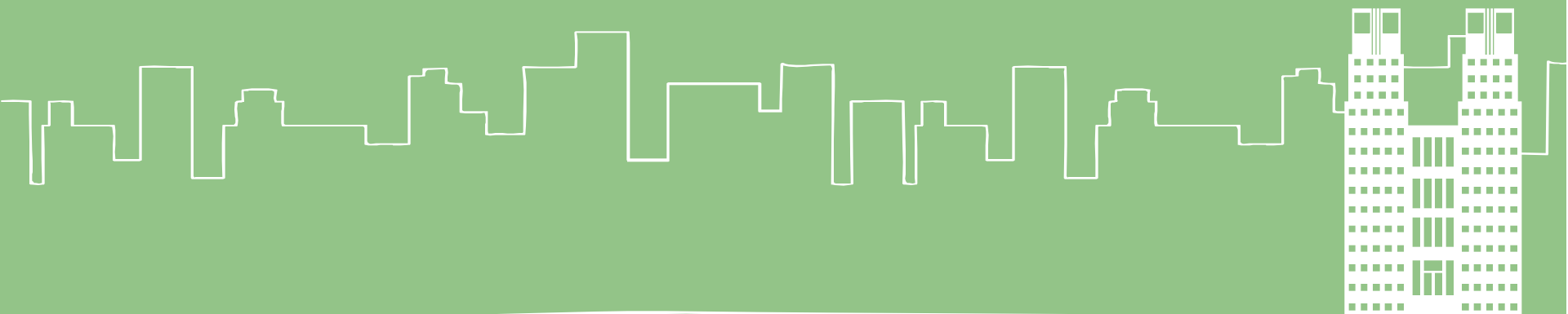
3. Great help to overcome the power crisis after “Fukushima”

Preparedness for the energy scarce situation



**Urban Cap-and-Trade is an effective policy tool
to reduce emissions from a demand side**

**Cities' alliance is the key
to share knowledge and experiences in depth**



Reference



TMG Website

www.kankyo.metro.tokyo.jp/enf



Tokyo Cap& trade

www.kankyo.metro.tokyo.jp/en/climate/cap_and_trade.html

www.kankyo.metro.tokyo.jp/en/int/TOP30_English.pdf



Low Emission Building TOP 30 in Tokyo

www.kankyo.metro.tokyo.jp/en/int/top30.html



Green Building Program

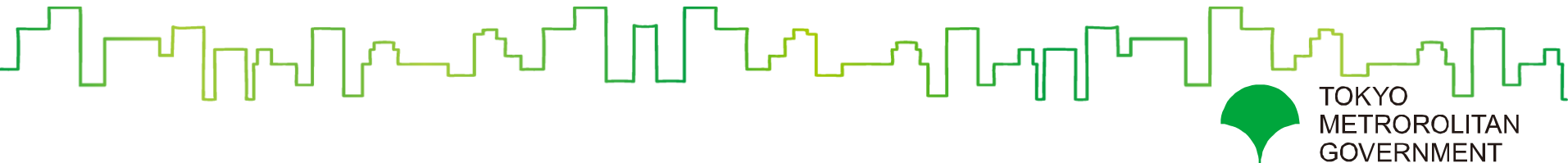
www.kankyo.metro.tokyo.jp/en/climate/build.html



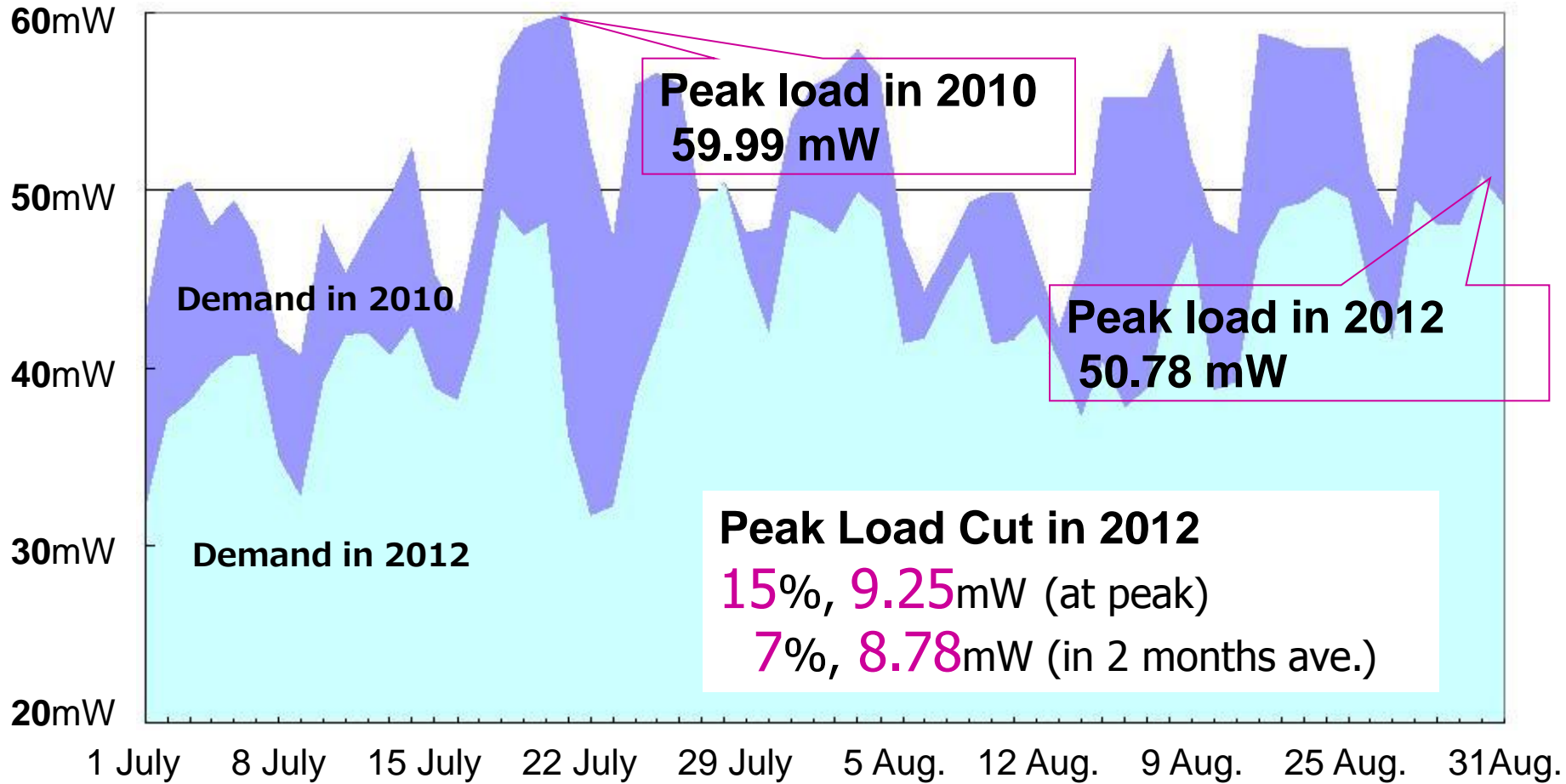
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Overcome the power crisis after the Fukushima accident



Peak Power Consumption (from 1 July to 31 Aug.)

