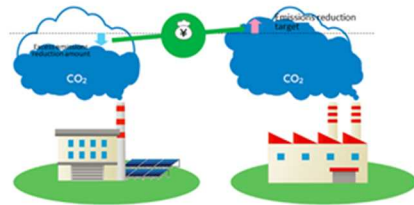


A regional government developing global warming countermeasures that are gaining the world's attention: Efforts to reduce CO₂ emissions through the Target-Setting Emissions Trading Program (TSETP)

Saitama Prefecture



Conceptual Diagram of the Target-Setting Emissions Trading Program (TSETP)



Conducting energy-saving diagnoses through plant visits

Background/Aims

- Since the 1990s, Saitama Prefecture has been proactively implementing measures against global warming ahead of other local government bodies in Japan.
- In 2011, Saitama Prefecture introduced the Target-Setting Emissions Trading Program (TSETP) with the aim of reducing emissions from the industrial and business sectors, which comprised approx. 40% of total emissions within the prefecture.

System Outline (current system)

- Targets: Workplaces that have been using 1,500 kL or more of crude oil equivalent energy for three consecutive fiscal years.
- Content: Reduce the CO₂ emissions (total amount) for the target workplaces with the aim of achieving the reduction target, and, in the case of workplaces that are failing to reach their reduction target, allow trading with workplaces who have considerably reduced their carbon emissions below the designated target emission level.
- Reduction target: Standard emissions amount for each plant multiplied by the target reduction rate set by Saitama Prefecture for the relevant plan period.
- Evaluation: Each plant's achievement of the reduction target for the relevant plan period is evaluated.

Features

- Unique emissions reduction method incorporating the concept of emissions trading
- Government provides business operators with support regarding their methods and systems for implementing emissions-reducing measures
- Operation of a wide-area system in coordination with a similar system in Tokyo

Results

- Every year since 2011, reduction rates greater than the reduction targets have been achieved
- The program is gaining the world's attention following a presentation made to the Innovate 4 Climate (I4C) international conference hosted by the World Bank.