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Climate Savers

**TRANSPORT!**  
**COMMUNICATION**  
**SAGAWA**

# Major delivery company accelerates emission reductions.

Sagawa Express is in the transportation business, providing delivery-related services.



## How Sagawa Express has promised to fight climate change

Sagawa's Climate Savers commitment is to reduce the company's gross CO<sub>2</sub> emissions by 6% by fiscal year 2012, compared to fiscal year 2002 levels.<sup>1</sup>

## The Sagawa Express achievement

Sagawa Express is making determined progress towards its emissions reduction target, although business growth makes this increasingly challenging.

Since fiscal year 2006, Sagawa has merged with subcontractors in the transport and courier sectors in order to further improve the efficiency of its total distribution system. As a result, the company's total emissions have increased by 10.6% in 2009.

However, this merger was not anticipated in 2002, and the emissions within the scope of the 2002 baseline have actually been reduced by 5.8%, due to a range of positive efforts by the company.

As a leader in the field, Sagawa Express has been invited to advise the Japanese government on climate policy in the transportation sector.

## Fuelling change in the vehicle fleet

Sagawa Express is a major delivery and logistics company based in Japan, with extensive and expanding operations throughout East Asia. In 2003, Sagawa became the first company to join Climate Savers from the transport sector.

A crucial part of Sagawa's strategy to reduce its emission of greenhouse gases is the introduction of 7,000 natural gas fuelled trucks to its fleet. By March 2010, Sagawa had already introduced 4,355 of these vehicles. This represents about 25% of the operational natural gas fuelled trucks in Japan.

Sagawa has also set up 23 natural gas filling stations by itself as the spread of public natural gas filling stations is stagnant.

<sup>1</sup> Sagawa's fiscal year starts in April of the previous year and ends in March of the year in question.

**“The addressing of environmental concerns represents an issue that affects all of humankind. In order to prevent the air pollution attributed to exhaust gases – and global warming – we seek to promote greater transport efficiencies, the adoption of low-emission vehicles, and the practice of ecosafe driving. And we seek continuous improvement in our efforts to conserve the environment.”**



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## **Sagawa's thoughtful drivers**

Sagawa's Eco-safe driving programs are reducing emissions, promoting safety and reducing company costs from fuel use, maintenance and road incidents.

A list of the most important habits, including gently depressing the accelerator and early upshifting, refraining from idling when stopped, and avoiding sudden braking, is distributed to employees. They are trained and instructed to comply with it.

Since fiscal year 2009, the company has implemented 'Operation Eco Safety Drive', a competition for fuel cost economizing between individual branches as well as efforts for further Eco Safety Drive promotion. In order to ensure equality in the public view, branches are divided into groups A-D based on scale, and the top ranking branches are announced quarterly based on 1. Fuel cost economizing rate, 2. Reduction in usage volumes, and 3. Low fuel consumption. As a result, Sagawa has achieved improvement in fuel economy by 2.37% in 2009.

## **Taking cargo off the road**

Sagawa makes use of railways and marine transport as much as possible and promotes the reduction of truck transport. This reduces environmental load, as well as lowering the risk of traffic accidents and reducing the difficulty of long distance drives.

*Super Rail Cargo* – a 16-car freight train running between Tokyo and Osaka in 6 hours and making the round trip every day - is a creative initiative that originated in a demonstration experiment conducted by the Ministry of Land, Infrastructure, Transport and Tourism. Sagawa Express developed the freight car in cooperation with JR Freight, and charters all the trains to transport courier parcels. The cargo train carries 28 31-ft containers and has a load capacity equal to 56 10-tonne trucks in one round trip.

## **Service centers avoid the proliferation of vehicles and emissions**

Sagawa Express has established Service Centers which use human-powered vehicles such as carts and three wheeled bicycles instead of trucks. Through the reduction in delivery vehicle use made possible by these service centers, harmful emissions such as CO<sub>2</sub>, Nitrogen Oxides and other gases, etc. are reduced. In addition, secondary effects from devising community-based services include improved service quality for customers, reduced parking expenses in traffic-heavy urban areas, and the relieving of traffic congestion.

As Service Centers are also located in easy access, office-heavy areas, many employees without driver's licences can commute and work effectively.

As of March 2010, Sagawa had implemented 251 of these Service Centers, mainly located in cities across Japan, and they have allowed a reduction of 1,260 new vehicle procurements.

In order to expand detailed delivery service by the small distribution stations, the number of the Service Centers is planned to increase to 536, almost doubling by fiscal year 2013.