

Aeon's activities for reducing GHG emissions

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Outline of Aeon group



Operating results

(Fiscal year ended February 2009, consolidated)

Total revenues 5,230 billions of yen

Operating profit 189 billions of yen

Number of Companies

182 companies

Number of Stores and Settlement Report*1

Number of stores	FY2008	FY2007
General merchandise stores (GMS)*2	966	942
Supermarkets	1,059	1,001
Supercenters	16	14
Department stores	1	1
Home centers	80	69
Convenience stores*3	3,270	3,082
Specialty stores	4,748	4,518
Financial services	395	233
Food services	505	533
Services	1,116	1,069
Drugstores*4	2,342	1,730



Aeon manifest on prevention of global warming



Aeon will reduce total GHG emissions in FY2012
by 30% with FY 2006 as the base year

Reduction in store equipment
and system – 500,000 CO₂eq-t

Reduction in products and
distribution – 570,000 CO₂eq-t

Reduction achieved with
customers – 310,000 CO₂eq-t



Store facility initiatives



Stores

- 500,000 t

Development of eco-stores

We will develop eco-stores which can reduce GHG emissions by 20% in comparison with existing stores.

Install solar energy generation equipment into 200 stores by 2012.

Enhancement of energy saving initiatives by staff at stores

We will visualize GHG emissions and act for energy saving at stores.

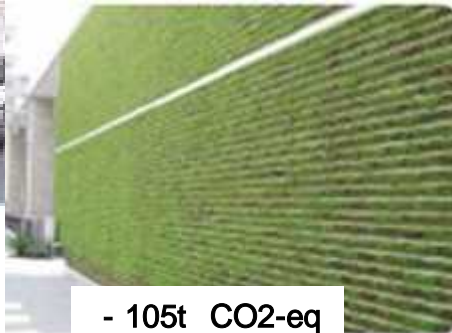
Eco-store development

Utilization of Japan's environmentally friendly techniques

- 6060t CO2-eq



Greenery



- 105t CO2-eq

Energy saving

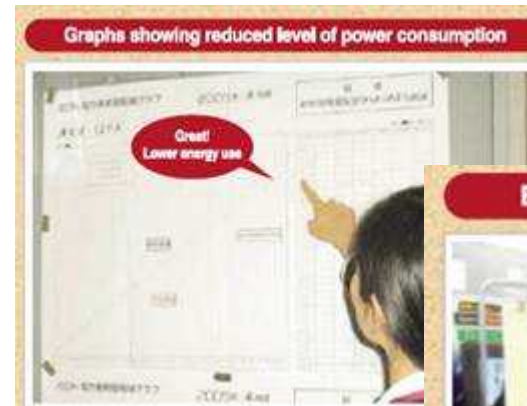
Solar panel



About 4,000m²

Energy saving activities by employees

Challenge of Aeon retail co.,ltd.



Power consumption -8.2%,

Over a three-month period compared to the previous year

Production and distribution initiatives



Products

- 570,000 t

Reduction of carbon footprint through whole life cycle of products

We will reduce carbon footprint of products thorough whole product life cycle stages including material procurement, production, distribution, use and disposal/recycling stages.



Use of bio fuel at farming site



Reduction of transportation distance
+ Increase of load efficiency

Reduction of use stage –
Reduction of electricity consumption



Weight saving and thin-walled
package



Modal shift
+ recycled material use

Reduction of waste - Expansion of
refillable product assortment



“Together with customers” initiatives



With
customers

Tree planting activities to absorb CO2

Accumulative total of 11 million trees will be planted by the end of 2012 through the activities with our customers in Japan and overseas since 1991.

Bring your own bag campaign

We will reduce CO2 emissions attributed to plastic shopping bags to zero by 2012.

- 310,000 t

Tree planting activities

In Malaysia

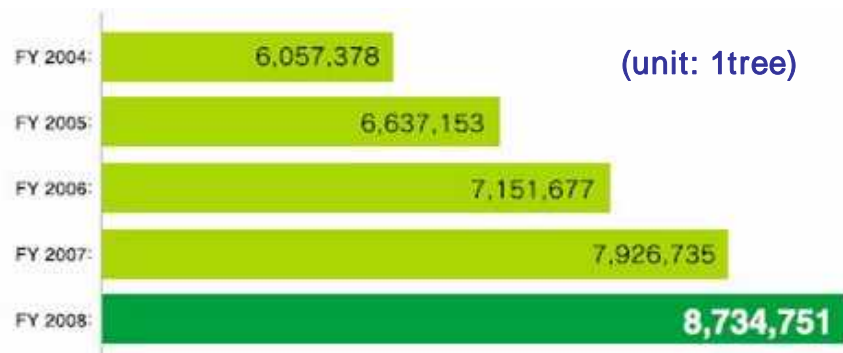
2008



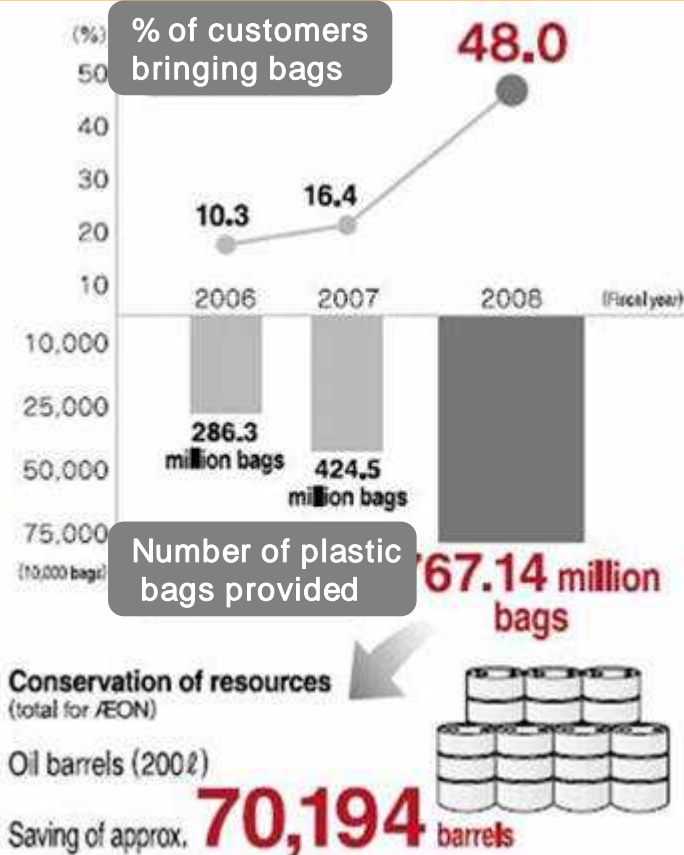
2004



Total number of trees planted



Bring your own bag campaign



Our aim to visualize carbon footprint



Environment

Providing low-carbon products for customers

If we put carbon footprint labels on products, customers can recognize CO2 emissions of products easily. We wish to support customers' shopping by providing selection of low carbon products.



Economy

Reducing CO2 and cost by saving energy.

Household expenditure can be saved by saving electricity consumption and saving CO2 emissions. Our production process can be similar to household. We will try to save CO2 by visualizing CO2 and finding reducing point from our private brand "Topvalu" products.

Safety

Enhancing accuracy of traceability by collecting data.

We need to quantify detailed activities in each process through whole life cycle of products. We are trying to increase the traceability accuracy level through understanding details of each process.



Use of national carbon footprint scheme



Aeon's private brand products reviewed by using national scheme



6.3kg
CO₂
カーボンフットプリント試行事業
<http://www.cfp-japan.jp>
検証番号:CV-AC-001



7.7kg
CO₂
カーボンフットプリント試行事業
<http://www.cfp-japan.jp>
検証番号:CV-AA-005

1.4kg
CO₂
カーボンフットプリント試行事業
<http://www.cfp-japan.jp>
検証番号:CV-AB-001



6.3kg
CO₂
カーボンフットプリント試行事業
<http://www.cfp-japan.jp>
検証番号:CV-AA-002



1.6kg
CO₂



0.5kg
CO₂



2.6kg
CO₂

Example of CFP activity: Koshihikari Rice produced in Shiga Prefecture

We have been working with students and members of the agricultural cooperative JA in Shiga Prefecture to grow “Green Eye Specially Produced Rice,” in a way that conserves the environment of Lake Biwako. As part of these activities, we have been supported by Ritsumeikan University in our challenge to calculate the carbon footprint of our rice.

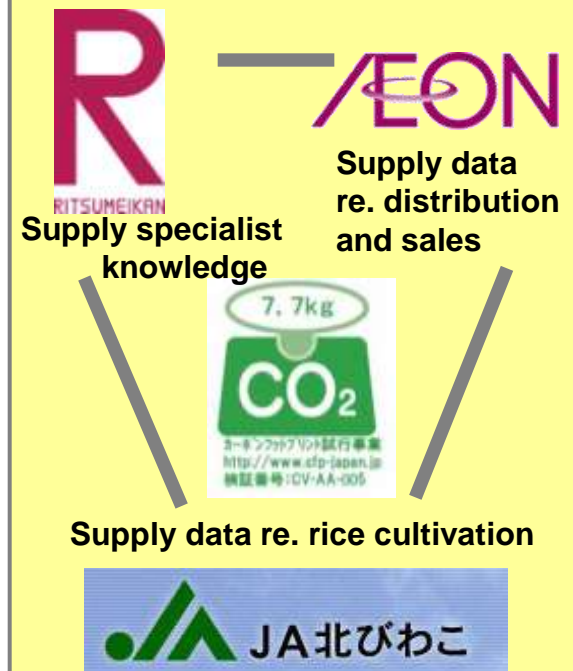
May 2009
Rice planting



June 2009
Releasing junior round crucian carp



November 2009
Carbon footprint verified



Partners: JA Kita Biwako, Shiga Prefectural Headquarters of National Federation of Agricultural Cooperative Associations, Supporters of the “Travelling Fish” Non-Profit Organization, Students in Sawayama Primary School 5th Grade (Hikone City), Environmental Systems Research Laboratory, Ritsumeikan University (Biwako/Kusatsu Campus)



Activities of CFP—Store sales of rice



Visual presentation at store front



Regular shelf



Lecture by students of Ritsumeikan University: “What is a Carbon Footprint?”

(Held 16th & 17th January,
11am, 2pm & 4pm)

The lectures were easily understood
and attendees rated them highly.
Attendees asked questions after the
lecture.



Opinions of attendees

“I saw something on the news
about this. It’s a good thing, I hope
you will keep it up.”

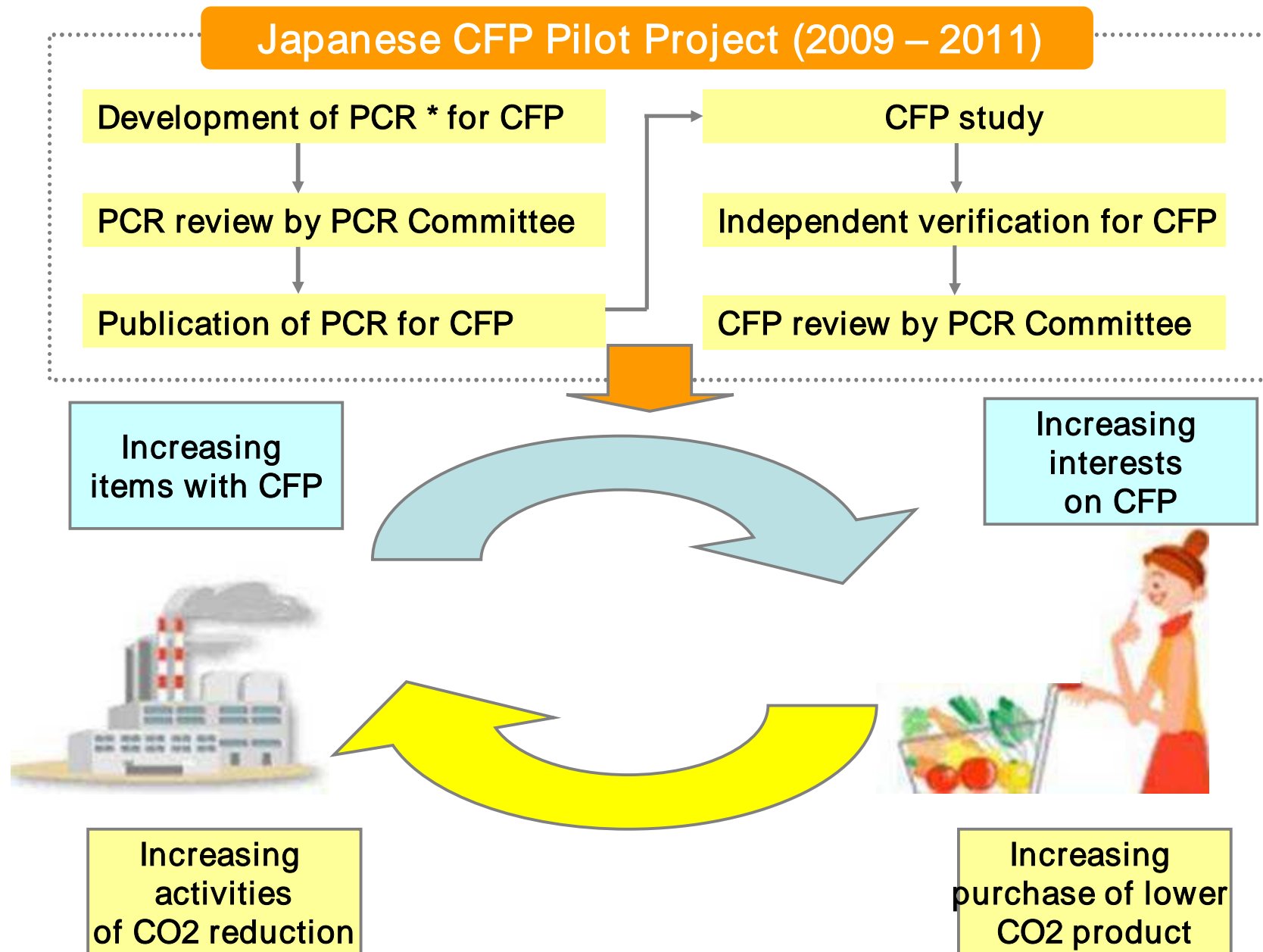
“When will you begin to label products?
Where and on what items?”

“Does rice not produced in Shiga
Prefecture emit more CO₂?”

“How much CO₂ is 7.7kg, exactly?”

“Every new project is difficult at first, but
I hope that you will carry on with this.”

Challenging issues for the expansion of CFP activities



Thank you!

- Information of Aeon Co., Ltd.

<http://www.aeon.info/en/>

- Tree planting activities provided by Green TV Japan

<http://www.japangreen.tv/act/#/000406>