

October 11, 2007

Additions to the Chemical Industry's "Voluntary Action Plan on the Environment" Relating to Global Warming

Japan Chemical Industry Association

To address global warming, the Japan Chemical Industry Association (JCIA) since 1997 has participated in the "Voluntary Action Plan on the Environment" advocated by Nippon Keidanren (Japan Business Federation). JCIA has achieved consistent results by promoting activities to meet goals to (1) improve energy use per unit in manufacturing sectors by an average of 10% in chemical industry by fiscal 2010 from the base year (fiscal 1990), (2) develop and diffuse energy-saving new materials, and (3) provide support to share energy-saving technologies. In fact, the industry has already achieved the goal regarding the energy use per unit each year since fiscal 2000.

Meanwhile, with the first commitment period of the Kyoto Protocol beginning next year, the Japanese Government has announced measures to cope with global warming as a national campaign by positioning it as one of the country's most important issues. In addition, the government has also requested that the industrial sector make further efforts for energy savings in manufacturing, and it requested industry support for energy-saving activity at corporate head offices as well as at the homes of employees.

Considering these circumstances, JCIA has recently established a goal of improving the energy use per unit in the manufacturing sector by "20%" as a result of having examined the cumulative fiscal 2006 results of about 200 companies that participate in the voluntary action plan on the environment. In order to achieve this goal, we will make extensive efforts in the years to come. By the way, the overall plan after the review is as follows:

- (1) To revise the goal of improving energy use per unit in the manufacturing sector to an average of **"13% improvement"** for five years (fiscal 2008 – fiscal 2012) and to aim at **"improving by 20% as a possible goal"**.
- (2) To start the energy-saving campaign to begin April 2008 by preparing "guidelines for energy-saving campaign" for headquarters offices, sales offices and other facilities.
- (3) By responding to the Japanese Government-led national energy-saving campaign

“Team Minus 6%”, we will invite all the members of JCIA to participate in an “energy-saving campaign in the household sector that the chemical industry promotes”. We will call it the “ABC (Accelerate By Chemical Industries for Cool Earth) Campaign” and start the campaign. (See Attachment 1)

- (4) By compiling a “Compendium-Technologies on Energy Saving and Environment by JCIA”, we will provide assistance to relevant people in developing countries and others who need energy-saving technologies.
- (5) We will continue to develop and diffuse energy-saving new materials.

Japan’s chemical industry has proactively tackled the development of energy-saving technologies and environmental technologies with the past two “oil shocks” as a turning point. The total accumulated amount of investment in the development of energy-saving technologies exceeds Yen 340 billion (fiscal 1997 – fiscal 2006).

With the recognition that “chemical technology” has a very big role in resolving the global warming issue, JCIA will steadily implement its new voluntary action plan on the environment while deepening international coordination through the International Council of Chemical Associations (ICCA) and others in the future.

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Energy-saving Campaign Aimed at Household Sector to Cope with Global Warming: “ABC (Accelerate By Chemical Industries for Cool Earth) Campaign”

1. Objective

We aim initially at promoting voluntary participation in the government-led “Team Minus 6%” campaign by about 400,000 employees in the chemical industry, and gradually increasing the number of participants to a total of 1 million from among their families and employees of related companies.

If 1 kg of CO₂ is reduced by each person each day, a total of 400,000 tons equivalent CO₂ would be reduced annually by 1 million participants.

2. Promotion of Activity

By using the “My Challenge Sheet” that JCIA proposes, we will promote energy saving campaigns in households by companies or organizations, total the yearly results as the share of contributions by the chemical industry, and make awards to the groups that demonstrate outstanding achievements.

Since the sheet has added items relating to chemical industry in the government’s “Challenge Sheet”, which can be downloaded from the website, participants can register for both the government’s “Team Minus 6%” campaign and JCIA’s campaign, and those who have already registered to “Team Minus 6%” campaign can also easily participate in our campaign.

By the way, we will also coordinate with the campaigns of our member companies and organizations and reflect their results in our campaign.

3. Those Who Are Eligible for the Campaign

Employees of JCIA’s company and organization members

4. Registration and Report of Results

Company or organization members register with JCIA as a company or organization group.

Each group can select either A course (50 people) or B course (10 people), register the name of the group via the company or organization that they belong to, and report their results to JCIA annually.

5. Explanation Meeting

After the start of recruiting, JCIA will hold an explanation meeting as requested.

6. Awards

When the results are tallied each year, participating companies or organizations will recommend their groups with outstanding achievements worthy of awards in the A course and B course to the secretariat of JCIA. The JCIA Technical Affairs Committee will give awards to the groups after evaluation and review at the Steering Group of the Technical Affairs Committee.

7. Secretariat

The secretariat will be established in the JCIA Technical Affairs Dept. to be supervised by the Steering Group of the JCIA Technical Affairs Committee.