

# Planning / Progress

## ● Environment & Safety Activity Plan/Outcomes

Our efforts toward corporate social responsibilities (CSR) are being monitored. JPMA member companies must engage in the social mission of contributing to the health and welfare of people around the world through superior scientific technology of drug discovery, as well as act as a good corporate citizen and gain trust and sympathy from the public. With this fundamental recognition, the Environment, Health & Safety Committee believes the proactive introduction of actions for environmental conservation, contribution to society, and the introduction of local society into our business activities fall within corporate responsibilities.

When each organization of the Environment & Safety Committee creates its business plan for the fiscal year, support of member companies' environmental & safety actions and contribution to

society as a committee are taken into consideration. The Planning Council will liaise and be the channel for information sharing and discussion with the concerned parties and Groups for matters that require cross-industrial efforts. We, together with the Japan Pharmaceutical Association, started an investigation into the specialized collection and recycling route of medical waste in FY 2005, with cooperation from the Federation of Pharmaceutical Manufacturers' Associations of Japan. We also collaborated with the Japanese Society of Hospital Pharmacists in a follow up investigation of the "Guidelines for Disposal of Pharmaceutical Containers and Packaging", a reference resource for the proper disposal of pharmaceutical packaging at healthcare institutions, and proposed a revision.

### JPMA Charter for Good Corporate Conduct (excerpt)

The JPMA Charter for Good Corporate Conduct (issued November 17, 2004) has 13 sections. It declares an agreement that each member company respects and brings in to practice the spirit of the Charter for Good Corporate Conduct.

(Full version can be found on the JPMA website at [HYPERLINK](http://www.jpma.or.jp/policy/kensyo.html)

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Also devised is the "JPMA Charter for Good Corporate Conduct Compliance Program Guidelines", which assists a member company in understanding the spirit of the Charter so that the company can incorporate this knowledge into its business practices. Each item of the Charter has explanation as reference.

We shall act proactively with the recognition that environmental issues are a common concern for all mankind to address and an essential requirement for our continuous business operation.

#### 1. Actions for energy saving, global warming prevention, resource conservation, and waste management and chemical substance management

"Sustainable Development" for the next generation is a common task for all mankind as well as a social responsibility for us, the present generation. The businesses recognize that their business activities are interwoven into resource, global warming, and environmental pollution issues on a global scale, and endeavor to construct a society based on a recycling-oriented economy, to reduce the emission of greenhouse gases (GHG) and manage chemical substances appropriately. The businesses will also continue to strengthen their voluntary and continuous efforts for environmental conservation according to the voluntary conduct guidelines for the environment, devised by JPMA.

#### 2. Strengthening the organizational management systems and reduction of environmental loads and risks

At all stages of business activity including research, production, marketing and disposal, effects on the environment should be assessed systematically, and the environmental loads and risks should be identified and reduced through a strong organizational management system. Also, efforts should be made to improve communication with regard to environmental matters so as to promote cooperation and coexistence within the community.

#### 3. Efforts for natural protection including the conservation of biodiversity

To promote a deeper understanding of the atmosphere, biosphere and hydrosphere, we wish to raise the awareness that coexisting with diverse organisms also enriches the living environment for humankind. We also hope to promote natural protection efforts that emphasize the importance of conserving diverse natural environments.

We respect the diversity, personalities, and uniqueness of our employees, and realize a safe and comfortable work environment is worth working towards. It is a corporate responsibility to nurture the development of employees' ethical and personal qualities.

1. Ensuring the safety and health of employees should be a priority in corporate management. The executives should lead by example to implement the "Safety First Principle" and should endeavor to establish a system within the corporation in which occupational safety and health efforts are voluntarily put into practice.



## ● Progress Status of FY 2005 Business Plan & FY 2006 Plan

FY 2005 Business Plan Categories & Items	FY 2005 Business Achievement	Evaluation of Outcomes	Tasks for FY 2006 (Plan)
<b>Environmental management</b> <ul style="list-style-type: none"> <li>Follow up of environmental management system</li> <li>Investigation of introduction of occupational safety &amp; health management system</li> <li>Support creation of environmental report</li> <li>Utilization of environmental accounting</li> </ul>	<ul style="list-style-type: none"> <li>Disseminated information about the results of investigation into the environmental and occupational safety &amp; health management system</li> <li>Created revised "Environment management &amp; assessment standards"</li> <li>Created guidelines for introduction of occupational safety &amp; health management system</li> <li>Reported results of investigation on environment-related reports</li> <li>Created inspection checklist related to waste</li> <li>Investigated / examined internal environmental accounting</li> </ul>	Completed all planned investigations and research. The reports are all published on the website as well as included on the CD-ROM to be distributed to every member company.	<ul style="list-style-type: none"> <li>Follow up of environmental management system</li> <li>Support introduction of occupational safety &amp; health management system</li> <li>Support creation of environment-related report</li> <li>Investigation into utilization of environmental accounting</li> </ul>
<b>Chemical substance management</b> <ul style="list-style-type: none"> <li>PRTR investigation</li> <li>Continue actions for voluntary management of chemical substances</li> <li>Promote risk communication, risk assessment</li> </ul>	<ul style="list-style-type: none"> <li>Created PRTR outcomes investigation report</li> <li>Conducted investigation into harmful atmospheric pollutants emission reduction. Created &amp; published report</li> <li>Created Q&amp;A for response to soil pollution based on role play scenarios. Mastered use of METI-LIS</li> </ul>	<ul style="list-style-type: none"> <li>Progress in PRTR actions</li> <li>Achieved the target for harmful atmospheric pollutant reduction</li> <li>Information sharing about risk communication</li> </ul>	<ul style="list-style-type: none"> <li>PRTR investigation</li> <li>Continue actions for voluntary management of chemical substances</li> <li>Residual pharmaceutical components in river, sewer and drinking water</li> <li>Promote risk communication, risk assessment</li> </ul>
<b>Energy saving / global warming prevention</b> <ul style="list-style-type: none"> <li>Follow up Keidanren voluntary environmental action plan</li> <li>Support energy saving / global warming prevention measures</li> <li>Investigate global warming prevention policies, etc.</li> </ul>	<ul style="list-style-type: none"> <li>Survey, follow up report and publication of annual report to be delivered to member companies</li> <li>Provided technical information about energy saving and reduction of CO<sub>2</sub> emission measures</li> <li>Planning and hosting of the ninth technical training courses</li> </ul>	<ul style="list-style-type: none"> <li>Disseminated the results as technical resources in form of CD-ROM for member companies.</li> <li>Collected and disseminated information about new technology and energy sources</li> </ul>	<ul style="list-style-type: none"> <li>Follow up Nippon Keidanren (Japan Business Federation) Voluntary Action Plan on the Environment</li> <li>Investigation and research into measures for Kyoto Protocol</li> <li>Technical training courses (reduction of GHG emission)</li> <li>Investigation into global warming prevention policies</li> </ul>
<b>Resource saving / waste control</b> <ul style="list-style-type: none"> <li>Voluntary environmental action plan and investigation of state of waste processing</li> <li>Support waste reduction / improvement of containers and packaging</li> <li>Efforts in waste issues related to pharmaceuticals</li> <li>Life Cycle Assessment (LCA) investigation / research</li> </ul>	<ul style="list-style-type: none"> <li>Created and published report of follow up information from annual investigation of state of waste processing</li> <li>Shared information related to waste reduction and containers and packaging</li> <li>Investigation and examination of proper disposal methods for processing home-based healthcare waste and pharmaceuticals</li> <li>Investigation into LCA method related to pharmaceuticals</li> </ul>	<ul style="list-style-type: none"> <li>Achieved the target earlier than planned due to continuous investigation and utilization of case studies</li> <li>Activities in conjunction with Japan Medical Wastes Research Association and the Pharmaceutical Association</li> </ul>	<ul style="list-style-type: none"> <li>Voluntary environmental action plan and investigation of state of waste processing</li> <li>Investigation into waste reduction / zero emission</li> <li>Support improving containers and packaging</li> <li>Effort towards issue of medical waste</li> </ul>
<b>Planning council</b> <ul style="list-style-type: none"> <li>Decisions on policies for tasks</li> <li>Inter-group adjustment</li> <li>Create / publish environmental report</li> <li>Handling of external parties eg. the media</li> </ul>	<ul style="list-style-type: none"> <li>Promote more efficient operations</li> <li>Meeting with MoE, METI, Keidanren, FPMAJ, Medical Association, Pharmaceutical Association, Japan Medical Wastes Research Association</li> <li>Publication of "Environment report 2005" Japanese and English versions</li> </ul>	<ul style="list-style-type: none"> <li>Collaboration with external bodies</li> <li>Timely dissemination of information</li> </ul>	<ul style="list-style-type: none"> <li>Promote efficient activities within working and study groups</li> <li>Strengthen cooperative framework with external bodies</li> <li>Timely and appropriate dissemination of information and communication</li> </ul>