



Responsible Care Activity Goals and Results

See the Supplementary Data on pages 45 to 59 for further details.

Goal achieved or steadily progressing: ○; Goal not achieved: △

Items	Fiscal 2015 Goals	Fiscal 2015 Results	Evaluation	Fiscal 2016 Goals	Page	
Responsible Care (RC) Audits	<ul style="list-style-type: none"> ● Enhance global RC audits ● Expand technical assistance to Group companies ● Enhance development of RC human resources 	<ul style="list-style-type: none"> ● Used integrated RC audit checklist internally and at Group companies in Japan and overseas ● Held safety and quality assurance seminars when overseas Group companies conducted audits ● Introduced an RC Global Auditor System 	<p>○</p> <p>○</p> <p>○</p>	<ul style="list-style-type: none"> ● Expand RC audit scope ● Investigate accidents from the view point of a third party ● Promote RC Global Management 	<p>P32</p> <p>P46</p>	
	Promotion of Environmental Management					
Environmental Protection	<ul style="list-style-type: none"> ● Sumitomo Chemical (non-consolidated): 0 severe environmental accidents ● Promote an optimum mix of precise responses to more stringent laws and regulations in Japan and overseas and voluntary activities ● Strengthen, upgrade, and expand organizational structures and systems aimed at promoting environmental activities ● Promote labor saving in and streamlining of environmental management 	<ul style="list-style-type: none"> ● Sumitomo Chemical (non-consolidated): 0 severe environmental accidents ● Grasped environmental regulatory trends in a timely manner and responded ● Implemented Company-wide organization management as planned ● Completed the standardization and systematization of environmental management 	<p>○</p> <p>○</p> <p>○</p> <p>○</p>	<ul style="list-style-type: none"> ● No severe environmental accidents for the Group in Japan or overseas ● Properly respond to more stringent laws and regulations and proactively address trends in new environmental regulations ● Promote labor saving in and streamlining of environmental protection management 	<p>P33-34</p> <p>P45</p> <p>P47</p> <p>P55-57</p>	
	Addressing Climate Change Issues					
	<ul style="list-style-type: none"> ● Reduce unit CO₂ emissions from energy use <ul style="list-style-type: none"> • Sumitomo Chemical (non-consolidated) and Group companies: Work toward achieving fiscal 2015 and 2020 goals and improving unit CO₂ emissions from energy use. ● Improve unit energy consumption <ul style="list-style-type: none"> • Sumitomo Chemical (non-consolidated) and Group companies: Work toward achieving fiscal 2015 goals and implement initiatives aimed at improving unit energy consumption. ● Improve unit energy consumption in the logistics division <ul style="list-style-type: none"> • Sumitomo Chemical (non-consolidated^{*1}): Aim to improve by an annual average of 1% or more relative to the fiscal 2006 standard, and improve unit energy consumption 	<ul style="list-style-type: none"> ● Reduced unit CO₂ emissions from energy use <ul style="list-style-type: none"> • Sumitomo Chemical (non-consolidated): Reduced by 11.9% relative to fiscal 2005 • Group companies in Japan: Reduced by 4.5% relative to fiscal 2010 • Group companies overseas: Reduced by 18.7% relative to fiscal 2010 ● Improved unit energy consumption <ul style="list-style-type: none"> • Sumitomo Chemical (non-consolidated): Improved by 16.0% relative to fiscal 2005 • Group companies in Japan: Improved by 11.9% relative to fiscal 2010 • Group companies overseas: Improved by 19.0% relative to fiscal 2010 ● Improved unit energy consumption in the logistics division <ul style="list-style-type: none"> • Sumitomo Chemical (non-consolidated^{*1}): Improved by an annual average of 0.1% relative to the fiscal 2006 standard 	<p>○</p> <p>△</p> <p>○</p> <p>○</p> <p>○</p> <p>○</p> <p>△</p>	<ul style="list-style-type: none"> ● Reduce unit CO₂ emissions from energy use <ul style="list-style-type: none"> • Sumitomo Chemical (non-consolidated): Improve unit CO₂ emissions from energy use 15% by 2020 compared to 2005 levels • Group companies in Japan: Improve unit CO₂ emissions from energy use over 1% per year on average • Group companies overseas: Improve unit CO₂ emissions from energy use over 1% per year on average ● Improve unit energy consumption <ul style="list-style-type: none"> • Sumitomo Chemical (non-consolidated): Improve unit energy consumption 15% by 2020 compared to 2005 levels • Group companies in Japan: Improve unit energy consumption over 1% per year on average • Group companies overseas: Improve unit energy consumption over 1% per year on average ● Improve unit energy consumption in the logistics division <ul style="list-style-type: none"> • Sumitomo Chemical (non-consolidated^{*1}): Aim to improve by an annual average of 1% or more relative to the fiscal 2006 standard, and improve unit energy consumption 	<p>P35-36</p> <p>P48-49</p> <p>P56-57</p>	
	Waste Reduction Initiatives					
<ul style="list-style-type: none"> ● Reduce the amount of industrial waste sent to landfills <ul style="list-style-type: none"> • Sumitomo Chemical (non-consolidated) and Group companies in Japan: Work toward achieving fiscal 2015 goals; implement measures aimed at securing definitive reductions in the amount of landfill disposal ● Properly treat PCB waste <ul style="list-style-type: none"> • Work toward appropriate storage and recovery of waste containing high concentrations^{*2} of PCBs and complete PCB waste treatment at an early stage • Work toward appropriate storage and recovery of waste containing minute amounts^{*3} of PCBs and complete PCB waste treatment by March 2025 	<ul style="list-style-type: none"> ● Reduced the amount of industrial waste sent to landfills <ul style="list-style-type: none"> • Sumitomo Chemical (non-consolidated): Reduced by 94.3% relative to the fiscal 2000 Level • Group companies in Japan: Reduced by 65.3% relative to the fiscal 2010 level ● Properly treated PCB waste <ul style="list-style-type: none"> • Largely completed the treatment of waste containing high concentrations of PCBs (excluding certain factories and equipment); continued to promote the storage and recovery of untreated waste • Implemented the treatment of waste containing minute amounts of PCBs at certain factories; continued to promote the storage and recovery of untreated waste 	<p>○</p> <p>○</p> <p>○</p> <p>○</p>	<ul style="list-style-type: none"> ● Reduce the amount of industrial waste sent to landfills <ul style="list-style-type: none"> • Sumitomo Chemical (non-consolidated): Maintain 80% reduction in waste volume compared to fiscal 2000 levels • Group companies in Japan: Lower fiscal 2020 waste volume to below fiscal 2015 results ● Properly treat PCB waste <ul style="list-style-type: none"> • Work toward appropriate storage and recovery of waste containing high concentrations of PCBs and complete PCB waste treatment at an early stage • Work toward appropriate storage and recovery of waste containing minute amounts of PCBs and complete PCB waste treatment by March 2025 	<p>P37</p> <p>P49-50</p> <p>P56</p>		

*1 Within the scope of specified shippers according to the definition stipulated under the Act on the Rational Use of Energy

*2 High concentrations of PCB: Polychlorinated biphenyl (PCB) intentionally used as insulation oil in such items as electric appliances

*3 Minute amounts of PCB: PCB unintentionally mixed in as insulation oil in such items as electric appliances (over 0.5mg/kg)



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Environmental Protection	<p>Protecting the Atmosphere, Water, and Soil</p> <ul style="list-style-type: none"> ● Prevention of air and water pollution <ul style="list-style-type: none"> Sumitomo Chemical (non-consolidated): Work to maintain levels below our voluntary management criteria^{*4} ● Effective use of water resources <ul style="list-style-type: none"> Sumitomo Chemical (non-consolidated): Improve the unit water usage by 9% relative to fiscal 2010 by fiscal 2015 Group companies overseas: Improve the unit water usage by 11% relative to fiscal 2010 by fiscal 2015 ● Response to PRTR <ul style="list-style-type: none"> Sumitomo Chemical (non-consolidated): Reduce total emissions of air and water pollutants by 60% relative to fiscal 2008 by fiscal 2015 Group companies in Japan: Reduce total emissions of air and water pollutants by 17% relative to fiscal 2010 by fiscal 2015 ● Reduction of VOC emissions <ul style="list-style-type: none"> Sumitomo Chemical (non-consolidated): Maintain VOC emissions reductions at 30% relative to fiscal 2000 ● Prevention of soil and groundwater contamination <ul style="list-style-type: none"> Sumitomo Chemical (non-consolidated)/ Group companies: Keep hazardous materials strictly within Company premises^{*5} ● Prevention of ozone layer depletion <ul style="list-style-type: none"> Sumitomo Chemical (non-consolidated)/ Group companies: Eliminate the use of refrigeration units that use CFCs as coolants by fiscal 2025 Sumitomo Chemical (non-consolidated)/ Group companies: Eliminate the use of refrigeration units that use HCFCs as coolants by fiscal 2045 ● Biodiversity conservation <ul style="list-style-type: none"> Sumitomo Chemical (non-consolidated): Ensure compliance with "Sumitomo Chemical's Commitment to the Conservation of Biodiversity" 	<ul style="list-style-type: none"> ● Prevention of air and water pollution <ul style="list-style-type: none"> Sumitomo Chemical (non-consolidated): Four incidents of pollution exceeding voluntary limits; causes have been investigated and countermeasures implemented in all cases ● Effective use of water resources <ul style="list-style-type: none"> Sumitomo Chemical (non-consolidated): Unit water usage worsened by 13.5% relative to fiscal 2010 Group companies overseas: Unit water usage improved by 18.5% relative to fiscal 2010 ● Response to PRTR <ul style="list-style-type: none"> Sumitomo Chemical (non-consolidated): Reduced emissions by 86.0% relative to fiscal 2008 Group companies in Japan: Reduced emissions by 34.4% relative to fiscal 2010 ● Reduction of VOC emissions <ul style="list-style-type: none"> Sumitomo Chemical (non-consolidated): Reduced emissions by 51.8% relative to fiscal 2000 ● Prevention of soil and groundwater contamination <ul style="list-style-type: none"> Sumitomo Chemical (non-consolidated)/ Group companies: Kept hazardous materials strictly within Company premises ● Prevention of ozone layer depletion <ul style="list-style-type: none"> Sumitomo Chemical (non-consolidated)/ Group companies: Systematically replaced refrigeration units that use CFCs and HCFCs as coolants ● Biodiversity conservation <ul style="list-style-type: none"> Sumitomo Chemical (non-consolidated): Ensured compliance with "Sumitomo Chemical's Commitment to the Conservation of Biodiversity" and promoted detailed initiatives 	<p>△</p> <p>△</p> <p>○</p> <p>○</p> <p>○</p> <p>○</p> <p>○</p> <p>○</p> <p>○</p>	<ul style="list-style-type: none"> ● Prevention of air and water pollution <ul style="list-style-type: none"> Sumitomo Chemical (non-consolidated): Work to maintain and continue levels below our voluntary management criteria ● Water resources <ul style="list-style-type: none"> Sumitomo Chemical (non-consolidated): Strive to effectively and efficiently use water resources Group companies overseas: Improve unit water consumption by at least 1% on average per year ● Response to PRTR <ul style="list-style-type: none"> Sumitomo Chemical (non-consolidated): Reduce total emissions of air and water pollutants by 60% relative to fiscal 2008 Group companies in Japan: Reduce total emissions of air and water pollutants to below fiscal 2015 levels by fiscal 2020 ● Reduction of VOC emissions <ul style="list-style-type: none"> Sumitomo Chemical (non-consolidated): Maintain VOC emissions reductions at 30% relative to fiscal 2000 ● Prevention of soil and groundwater contamination <ul style="list-style-type: none"> Sumitomo Chemical (non-consolidated)/ Group companies: Keep hazardous materials strictly within Company premises ● Prevention of ozone layer depletion <ul style="list-style-type: none"> Sumitomo Chemical (non-consolidated)/ Group companies: Eliminate the use of refrigeration units that use CFCs as coolants by fiscal 2025 Sumitomo Chemical (non-consolidated)/ Group companies: Eliminate the use of refrigeration units that use HCFCs as coolants by fiscal 2045 ● Conservation of Biodiversity <ul style="list-style-type: none"> Sumitomo Chemical (non-consolidated): Ensure compliance with "Sumitomo Chemical's Commitment to the Conservation of Biodiversity" 	<p>P37-38</p> <p>P51-54</p> <p>P56-57</p>
	Product Responsibility/Product Stewardship	<ul style="list-style-type: none"> ● Continue to act precisely in accordance with domestic and overseas laws and regulations ● Continue to promote risk-based chemicals management and information disclosure ● Continue to promote utilization of the comprehensive chemical management system (SuCESS) and develop concrete plans for expansion to Group companies ● Promotion of product safety risk assessments focused on high-risk products^{*6} ● Logistics quality-related incidents: No Rank A or Rank B incidents, two or fewer Rank C Incidents 	<ul style="list-style-type: none"> ● Acted precisely in accordance with relevant laws and regulations ● Systematically put in place risk assessment methods ● Introduced SuCESS at two Group companies ● Performed 67 risk assessments, including for high-risk products ● Logistics quality-related incidents: No Rank A or Rank B incidents, one Rank C incident 	<p>○</p> <p>○</p> <p>○</p> <p>○</p> <p>○</p>	<ul style="list-style-type: none"> ● Continue to act precisely in accordance with domestic and overseas laws and regulations ● Continue to promote risk-based chemical management and information disclosure ● Continue to promote utilization of the comprehensive chemical management system (SuCESS) and develop concrete plans for expansion to Group companies ● Promotion of product safety risk assessments focused on high-risk products ● Logistics quality-related incidents: No Rank A or Rank B incidents, two or fewer Rank C Incidents
Occupational Safety and Health/Industrial Safety and Disaster Prevention	<ul style="list-style-type: none"> ● Lost-workday injuries: 0 ● Severe industrial accidents: 0 ● Workplace injuries in logistics: 0 	<ul style="list-style-type: none"> ● Lost-workday injuries: 0 ● Severe industrial accidents: 0 ● Workplace injuries in logistics: 4 	<p>○</p> <p>○</p> <p>△</p>	<ul style="list-style-type: none"> ● Lost-workday injuries: 0 ● Frequency rate of lost-workday injuries for the Group^{*8}: less than 0.1 ● Severe accidents^{*9} for the Group^{*7}: 0 ● Severe industrial accidents^{*10} for the Group^{*7}: 0 ● Workplace injuries in logistics: 0 	<p>P41-44</p> <p>P58-59</p>

*4 Voluntary management targets that are stricter than the criteria of relevant laws and regulations, including agreements reached with local authorities.
 *5 Keep hazardous materials strictly within Company premises: Controlled on the premises.
 *6 High-risk products: Products likely to have relatively high risks in terms of the nature of the chemical substances in the product and their application.
 *7 The Group is defined as Sumitomo Chemical (including its partner companies and others) and consolidated subsidiaries in Japan and overseas.
 *8 The Responsible Care Department determines if accidents that occur at overseas consolidated subsidiaries are considered to be lost-workday injuries or non lost-workday injuries based on how the accidents are handled in Japan.
 *9 Severe accidents are defined as those that result in a fatality or those that result in medium to severe lost-workday injuries, including blindness and loss of a limb.
 *10 Severe industrial accidents are defined as industrial accidents resulting in any of the below conditions.
 • The local residents suffer injuries requiring at least regular hospital visits or treatment.
 • Employees at the facility suffer injuries that at least require a lost workday.
 • The damage to the facilities totals more than ¥10 million.