

#### **Editing Policy**

The AGC Report CSR Information Supplement is a data book that complements the non-financial aspect (Sustainability Reporting) of the AGC Report 2014, an annual report in which the AGC Group publishes its corporate attitude and business initiatives. The Supplement presents the AGC Group's disclosing information including non-financial data, the policies and promotion systems.

To facilitate easy access to the activity topics and related information presented on the CSR website, this report is organized into chapters centered on ISO 26000 core subjects while its headings are synchronized with the website. It should be read together with the CSR website in order to foster a deeper understanding of the social responsibility activities implemented by the AGC Group.

#### **Scope of This Report**

#### Reporting Period

Fiscal 2013 (Jan.-Dec. 2013)

Some information includes content from both fiscal 2012 and 2014

#### Organizations Covered in the Report

Asahi Glass and its 200 consolidated subsidiaries (Group companies world wide)

#### Primary Notation and Report Targets Used in the Report

The AGC Group

Same as "Organizations Covered in the Report" mentioned above.

The AGC Group (Japan)

Group companies in Japan including Asahi Glass Co., Ltd.

Asahi Glass/the Company

AGC Asahi Glass Co. Ltd. (on an unconsolidated basis)

•Asia/Group companies in Asia

Group companies in Asia excluding the AGC Group (Japan)

#### **Date of Publication**

June 2014 (Last date of publication: June 2013)

#### Regarding Future Assumption, Forecasts and Plans

Future perspectives described in the AGC Report CSR Information Supplement are based on the latest information available to the AGC Group at the time of editing this report. Nevertheless, please note that results and consequences may vary with fluctuations in the business environment.

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# CSR at the AGC Group

## **CSR-Related Policies**

In order to fulfill its corporate mission to "Look beyond to make the world a brighter place" as outlined in the Group Vision "Look Beyond", the AGC Group endeavors to both foster trust and meet the expectations of the community and contribute to the creation of a sustainable society by adopting behaviors based on our shared values (Innovation & Operational Excellence, Diversity, Environment and Integrity). Further, the Group utilizes the ISO 26000, an international standard on social responsibility, as a guideline for its global CSR activities in order to more concretely demonstrate values-based conduct and establish the AGC Group Charter of Corporate Behavior.

#### **AGC Group Charter of Corporate Behavior**

Established on June 1, 2007 and revised on May 10, 2012

Under the Group vision, "Look Beyond", the AGC Group's mission is to look beyond to make the world a brighter place. With this objective, the Group strives to be a company trusted by all of its stakeholders, a company that meets the expectations of the world business community to grow and develop responsibly, and a company that significantly contributes to a healthier global society. To this end, the Group has established the AGC Group Charter of Corporate Behavior and acts in line with the following principles.

#### Integrity: Sincere Behavior

- 1. The AGC Group will develop and provide useful goods and services of superior quality, giving due consideration to safety and the environment, and will strive for customer satisfaction and loyalty.
- The AGC Group will understand and comply with applicable laws and regulations of the countries and regions in which it does business and will respect international norms of behavior.
- 3. The AGC Group will promote fair trade and conduct its operations in accordance with the principle of fair competition and all applicable laws and regulations.
- The AGC Group will maintain sound relationships with government agencies and other responsible organizations. The Group will not support any person or group that threatens the order and security of society.
- The AGC Group will properly manage and safeguard its own proprietary information, intellectual property, and other assets and will respect the property rights and interests of others including customers and business partners.

#### Environment and Safety: With Due Consideration

- 6. The AGC Group regards environmental conservation as an essential responsibility of global citizens and will proactively contribute to the development of a sustainable society.
- 7. The AGC Group will pursue technological innovations and new product developments that reflect due consideration for the environment and will participate in activities to preserve the environment and safety and security at work.
- 8. The AGC Group will maintain its workplaces with a proper regard to occupational health and safety for the people related to its business activities.

#### Diversity: Respect for People

- 9. The AGC Group will respect human rights and will operate its business with due regard for the cultures and customs of each country and region in the world.
- 10. The AGC Group will respect people's diverse capabilities and personal dignity and will create fair and open environments at its workplaces without discrimination based on race, ethnicity, religion, nationality, gender, disability, or any other legally protected group.
- 11. The AGC Group will not engage in forced labor or child labor and will not tolerate infringements of human rights.

#### Harmony with Society: From "Responsibility" to "Reliability"

- 12. The AGC Group will strive to be a trusted corporate citizen, fulfilling its responsibilities to the communities in which it does business.
- 13. The AGC Group will build productive and proper relationships with business partners and encourage them to adhere to business principles consistent with its own.
- The AGC Group will communicate responsibly with customers, local citizens, shareholders, employees, and other members of society by gathering their opinions and disclosing information in a fair and appropriate manner.

The managements of all AGC Group companies, recognizing that it is their responsibility to realize the spirit of this Charter, will take the initiative to achieve an understanding of the Charter within all Group companies, and at the same time, will seek its business partners' cooperation.

The managements will also promote the development and implementation of systems that the principles stipulated in this Charter can be duly incorporated into the Group's decision making and implementation.

In the case of any behavior contrary to the principles of this Charter, we will work to identify the cause and prevent a recurrence, making it clear to those inside and outside Group companies that the situation is being addressed diligently. We will take appropriate corrective and disciplinary actions when necessary.

Group

Human Rights

and Labor

**Practices** 

## **CSR Promotion System**

Within the AGC Group, specialized CSR Organizations (CSR Offices of each In-house Company) established in each business division globally share information about CSR activity policies and issues discussed and shared by the CSR Committee and CSR Promotion Team and promote

Based on this system, CSR monitoring mechanisms (see page 4 for details) are used to establish material issues. In addition, a CSR activities PDCA (Plan, Do, Check, Act) cycle is implemented repeatedly by reporting achievements and evaluating them from stakeholder perspectives.

#### **CSR Promotion System** CSR Committee (meets quarterly) Deliberates over general policies and issues related to the Group's **CSR** activities Chair: Group CEO Office: Group Corporate CSR Office **CSR Promotion Team Meeting** Working-level meeting for discussion and sharing individual Subcommittees CSR policies and issues Compliance Committee •EHSQ Management<sup>1</sup> •Enterprise Risk Management AGC Group Corporate Office of the President Each In-house Company / SBU Human Resources & Administration Office In-house Company / SBU CSR Offices Corporate Communications & Investor Relations Office Support/ **CSR Office** Guidance Purchase & Logistics Center Group companies world wide

#### 1 Environment, occupational Health & Safety and Quality

## The CSR PDCA Cycle Evaluation Society **Employees** Customers Shareholders Business Requirements/ Expectations Information Disclosure **AGC Group**

**CSR Activities** 

2 See following page (page 4) for details.

CSR Monitoring<sup>2</sup>

## **Formulation of CSR Material Issues**

In fiscal 2011, the AGC Group began to develop a CSR monitoring framework based on ISO 26000 to assess the Group's CSR activities from the perspective of stakeholders and strengthen measures and policies that benefit the community. Within the Matrix of CSR Issues established in this framework, targets and results regarding issues for which frameworks are to be developed and commitments made to society (material issues) are reported to stakeholders through the AGC Report and other channels.

In addition, CSR issues are periodically reviewed to reflect social and business trends. In fiscal 2013, Protecting Consumers' Health and Safety was elevated within the matrix to "Issues for which a framework is to be developed and a commitment made to society."

#### **CSR Monitoring Framework**

#### STEP 1 Creation and Review of the CSR Monitoring Sheet

The CSR Monitoring Sheet is based on the core subjects/issues and related actions and expectations of ISO 26000. The sheet consists of a table listing, on the vertical axis, some 200 issues relating to actions and expectations required of the AGC Group by its stakeholders; the impact on each stakeholder, the activity status (Group/ regional) and the relevant organization for each issue are given on the horizontal axis. The CSR Monitoring Sheet is periodically reviewed based on requests from society and changes in the business environment.

## STEP 2 Implementation of Communications within the Group

In addition to a seminar on ISO 26000 led by an outside expert, dialogues have been implemented between CSR Office staff and CSR representatives in each in-house organization. The Group seeks to deepen understanding of the content of each issue and, after narrowing the items down, positions each one in the matrix of CSR issues (diagram below) for each organization.

## STEP 3 Target-Setting and Performance Reporting for Material Issues

Items categorized as "Issues for which a framework is to be developed and a commitment made to society" (material issues) and "Issues for which a framework is to be developed" are assigned targets and organizations to oversee them, and their progress is monitored on an annual basis by organizations such as the CSR Committee. In addition, targets and achievements related to material issues are reported to stakeholders through the CSR website and other media.

#### **Matrix of CSR Issues**



## Issues for which a framework is to be developed and a commitment made to society (material issues)



Note Core subjects and issues are based on ISO 26000.

# Organizational Governance



The AGC Group has examined the materiality of each issue by corresponding to Related Actions and Expectations of ISO 26000, and designated selected material issues to correspond to the ISO 26000 core subjects of Organizational Governance. The reasons for selecting these material issues are as follows.

#### **Material Issues**

ISO 26000 Issue

#### Decision-making processes and structures

ISO 26000 actions and expectations

- •Nurture an environment in which the principle of social responsibility (accountability) is practiced
- •Nurture an environment in which the principle of social responsibility (transparency) is practiced
- Nurture an environment in which the principle of social responsibility (ethical behavior) is practiced
- •Nurture an environment in which the principle of social responsibility (respect for the rule of law) is practiced
- ·Balance the authority, responsibility and ability levels of decision-makers
- Periodically review and evaluate the governance process

Reasons for Selection of Material Issues

Organizational governance is the foundation of Core Issues in ISO 26000 and is indispensable in the promotion of social responsibility. Social demands for transparency and accountability in corporate activities are rising, as exemplified by advancing legislation concerning the disclosure of non-financial information worldwide, and as the influence corporations have on society grows, there is a strong demand for their ethical conduct.

The AGC Group recognizes that promoting ethical conduct and compliance with laws and regulations is vital to its business activities. As such, it identifies Integrity as one of the four Shared Values in its Group Vision "Look Beyond", and it clearly states the corporate ethics with which employees are required to comply in the AGC Group Code of Conduct.

## Fiscal 2013 Activity Results for Material Issues

ISO 26000 Issue

#### Decision-making processes and structures

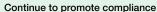
ISO 26000 related actions and expectations

- Nurture an environment in which the principle of social responsibility (accountability) is practiced
- Nurture an environment in which the principle of social responsibility (transparency) is practiced
- Nurture an environment in which the principle of social responsibility (ethical behavior) is practiced
- Nurture an environment in which the principle of social responsibility (respect for the rule of law) is practiced
- Balance the authority, responsibility and ability levels of decision-makers
- Periodically review and evaluate the governance process

Fiscal 2013 targets

#### Continue to ensure effective communications in and outside the Group

- Use the AGC Report to communicate the stance and efforts of the AGC Group with regard to promoting business and CSR activities in a way that is easier to understand
- Be selected by major SRI Indexes by appropriately responding to the demands of society through communications with stockholders, investors and the media and by moving forward with information disclosure



- Complete revisions of the AGC Group Code of Conduct (12 types in 18 languages) and promote them
- Continue to conduct ongoing compliance training and online training programs for Group employees
- Further expand the scope of Group employees requested to submit Personal Certifications on the Code of Conduct (employees subject to alternate policies if the system renders the submission of certifications difficult)

## Implementing effective audits and promoting the PDCA cycle

- Continue conducting audits of the creation of frameworks in the Group for observing antitrust laws and measures for preventing leakage of confidential information
- Conduct theme audits targeting the completion and application of the BCPs across Group companies in Asia including Japan



- Introduced new business domains and the new mid-term management plan to stakeholders in an easy-to-understand way through the AGC Report 2013.
- Presented environment-related technologies and products at the Environment Seminar held in China to invite interest in the AGC Group's contributions to the environmental
- Continued receiving selection for major SRI indexes, including selection for the DJS's World Index for the third year in a row and selection as a Nadeshiko Brand for the second year in a row.
- Completed revisions of the AGC Group Code of Conduct (12 types in 18 languages) and disseminated them to Group employees
- Achieved compliance-related training results as follows:
- -Online training: Approx. 12,000 employees (Japan), approx. 4,500 employees (Europe and North America)
- Classroom training1: Approx. 700 employees (Japan), approx. 200 employees (Europe and North America)
- Approximately 80% of all Group employees is subject to submitting Personal Certifications on the Code of Conduct (about 40,000 employees)
- Conducted 59 internal audits in the Group and continued to audit the establishment of frameworks for antitrust law compliance systems and for preventing the leakage of confidential information as global audit
- Conducted themed audits regarding the completion and application status of BCPs to cope with natural disasters at 16 plants in three countries in Asia including







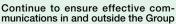




**Fiscal** 

2014

targets



- Use the AGC Report to communicate the stance and efforts of the AGC Group with regard to promoting business and CSR activities in a way that is easier to understand
- Be selected by major SRI Indexes by appropriately responding to the demands of society through communications with stockholders, investors and the media, and by moving forward with information disclosure

#### Continue to promote compliance

- Continue to conduct ongoing compliance training and online training programs for Group employees
- Further expand the scope of Group employees requested to submit Personal Certifications on the Code of Conduct (employees subject to alternate policies if the system renders the submission of certifications difficult)

## Implementing effective audits and promoting the PDCA cycle

- Globally conduct audits regarding the creation of measures for preventing bribery and corruption, in addition to frameworks for antitrust law compliance systems and for preventing the leakage of confidential information
- Conduct theme audits on frameworks establishment and operation status for asset protection in Asia including Japan, and on business continuity management (BCM) in Europe
- 1 Indicates training implemented directly by the compliance committee office in Asia including Japan, Europe and North America only. Training implemented by Group
- 2 Criteria for Self-evaluation A: Satisfactory level, in which the intended target has been achieved B: Almost satisfactory level, in which a part of the intended target has not yet been achieved and some issues still remain C: Unsatisfactory level, in which the intended target has not been achieved
- 3 Reason for B evaluation: In Europe, the expansion of the scope of shop-floor workers requested to submit personal certifications (employees subject to alternate policies if the system renders the submission of certifications difficult) is behind schedule.

**Practices** 

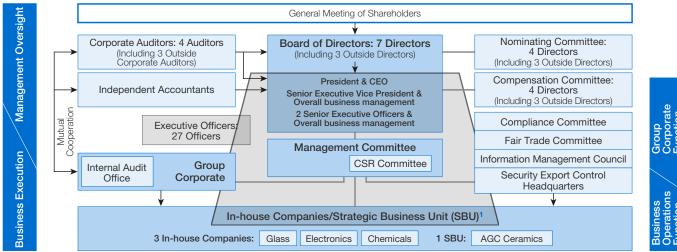
### **Corporate Governance**

#### Attendance Rate of Directors in Board of Director Meetings

FY	Attendance rate
2011	99%
2012	100%
2013	99%

#### **Overview of Corporate Governance Structure**

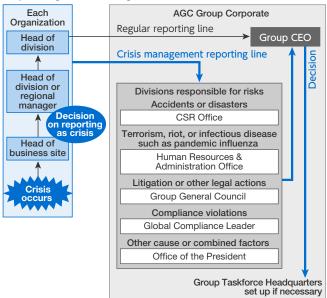
As of March 28, 2014



1 An In-house Company is defined as a business unit with net sales exceeding 200 billion yen which conducts its business globally. At present, there are three In-house Companies: the Glass Company, the Electronics Company and the Chemicals Company. Business units smaller than this are defined as Strategic Business Units (SBUs).

### **Risk Managemnet**

#### **Reporting Line During a Crisis Situation**



#### **AGC Group Basic Policy to Cope with Natural Disasters**

Established on March 1, 2011

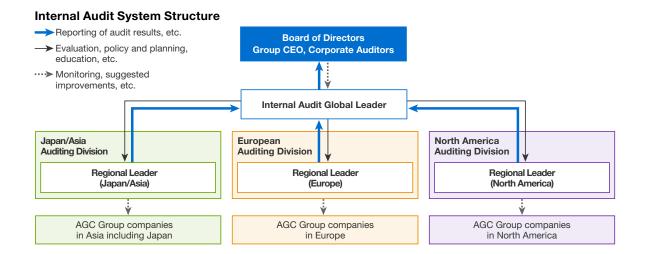
Human Life and safety first, prevention of secondary disasters, contribution to society and co-existence with it, and business continuity are the four basic concepts to counter natural disasters.

Based on the following concepts, the AGC Group shall plan and implement countermeasures against risks of massive natural disasters in advance. When a natural disaster occurs, the Group shall place utmost priority on the security of human lives and safety and make maximum efforts in preventing the spread of damage, supporting the local community and maintaining the Group's important business operations.

- We shall place the highest priority on the security of the lives and safety of all the people involved in the corporate activities of the AGC Group (employees and their families, customers, suppliers, and people in local community).
- We shall prevent the damage from spreading and the occurrence of a secondary disaster in order to ensure the safety of the surrounding region
- We shall always try to coexist with the local community, and when a natural disaster occurs, we shall contribute to the community in a coordinated manner
- We shall fulfill our responsibility to the society and at the same time minimize the damage to our enterprise value by maintaining/quickly restoring the Group's important business operations.

**Practices** 

### **Internal Audits**

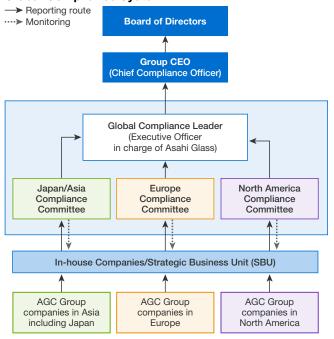


## Compliance

#### Items for AGC Group Code of Conduct Global Requirements

- 1. Foundations for Compliance
- 2. Fair Competition and Antitrust
- 3. Workplace Health and Safety
- 4. Environment
- 5. Respect for People
- 6. Quality and Safety of Products and Services
- 7. Reports and Records
- 8. Insider Trading
- Company and Third-Party Assets and Confidential Information
- 10. Conflict of Interest
- 11. Gifts and Entertainment
- 12. Relations with Government Officials and Politicians
- 13. International Trade Controls

#### **Global Compliance System**



## Submission of Personal Certification on the Code of Conduct (AGC Group)

FY	Number of employees subject to submission
2013	Approx. 40,000

#### **Compliance Training Results**

	FV	receiving on	employees lline training rning)	Number of employees receiving classroom training <sup>1</sup>		
FY	in Japan	in Europe and North America	in Japan	in Europe and North America		
	2013	Approx. 12,000	Approx. 4,500	Approx. 700	Approx. 200	

1 Number of employees receiving classroom training directly provided by the Compliance Committees in Europe, North America and Asia including Japan (excluding employee education provided by each Group company)

#### **Help Line Consultations (AGC Group)**

FY	Number of consultations
2013	Approx. 400

**Practices** 

# **Human Rights and Labor Practices**



The AGC Group has examined the materiality of each issue by corresponding to Related Actions and Expectations of ISO 26000, and designated selected material issues to correspond to the ISO 26000 core subjects of Human Rights and Labor Practices. The reasons for selecting these material issues are as follows.

#### **Material Issues**

#### ISO 26000 Issue

### Conditions of work and social protection

#### ISO 26000 related actions and expectations

- Confirm the compliance of work condition with national laws and regulations and international labor standards
- Comply with any obligation concerning the provision of protection for workers in the country of operation
- ·Comply with the working hours established in laws or regulations

Reasons for Selection of Material Issues

The AGC Group identifies "Diversity" as one of the four Shared Values in its Group Vision, "Look Beyond", and has declared its intent to develop its global management with respect for diverse abilities and individuals, regardless of nationality, gender or work experience. At present, the AGC Group operates in approximately 30 countries and regions. The Group complies with all local labor-related laws and regulations and is aware that promoting the creation of work environments in which employees can work with satisfaction and pride is important to its business activities.

## ISO 26000

#### Health and safety at work

#### ISO 26000 related actions and expectations

- Develop, implement and maintain policy on occupational health and safety
- •Understand and apply principles of health and safety management (elimination, substitution, engineering controls, administrative controls, work procedures and personal protective equipment)
- Analyze and control the health and safety risks in organizational activities

Reasons for Selection of Material

Conscious that it has a workplace at which the risk of occupational accidents is comparatively high, the AGC Group identifies No Production without Safety as one of the basic tenets of its management policy Grow Beyond, and considers creating a workplace where employees can work in safe and healthy conditions to be a prerequisite to its business operations.

#### ISO 26000 Issue

#### Human development and training in the workplace

ISO 26000 related actions and expectations

- Provide all workers at all stages of their work experience with access to skills development, training and apprenticeships
- Provide all workers at all stages of their work experience with access to opportunities for career advancement

Reasons for Selection of Material Issues

The AGC Group identifies Our People are Our Strength as one of the basic tenets of management policy Grow Beyond. The Group considers it important to create mechanisms that support the growth of its employees, the AGC Group's main stakeholders.

## Fiscal 2013 Activity Results for Material Issues

#### Conditions of work and social Human development and ISO 26000 Issue Health and safety at work protection training in the workplace Develop, implement and maintain policy Confirm the compliance of work condition Provide all workers at all stages of their with national laws and regulations and on occupational health and safety work experience with access to skills international labor standards development, training and apprenticeships ·Understand and apply principles of health ISO 26000 ·Comply with any obligation concerning and safety management (elimination, Provide all workers at all stages of related the provision of protection for workers in the country of operation substitution, engineering controls, administrative controls, work procedures their work experience with access to opportunities for career advancement actions and expectations and personal protective equipment) Comply with the working hours established in laws or regulations Analyze and control the health and safety risks in organizational activities Create a work environment where Foster the Group's safety management Enhance employee education and employees can work with satisfaction training programs and pride Globally unify the accident information Improve the content of next-generation Implement a second voluntary inspection of human rights and labor practices within leader training reporting format and begin gathering data To familiarize locations with the policies of the Serious Accident Eradication Project, develop global guidelines on themes that are high-risk across the Group and verify Expand the scope of registrants of Skill Clearly indicate the locations at which AGC Group improvement activities will Implement the 4th ES survey Continue to implement the award system while making improvements as a means to award jointly implemented best practices and efforts to create a work environment that recognizes and appraise achievements. **Fiscal** their comprehensiveness and effectiveness be developed, then implement efficient 2013 Continue to enhance education on health development targets and safety, including safety promotion Create an environment in which efficient learning may take place with no time or location constraints appraises achievements Promote and ensure machinery safety Develop a Prior Safety Assessment System at installing manufacturing equipment in Asia • Expand the implementation of education related to machinery safety Implemented voluntary inspections of human rights and labor practices at 189 Group companies globally. Necessary Standardized reporting formats and began to globally collect occupational accident data. In fiscal 2013, one fatal accident occurred within the Group. Enriched the content of next-generation leader training by making improvements such as adding more practical content. By the end of December 2013, approximately 8,300 employees around the measures were implemented based on the results. Through the Serious Accident Eradication world had been registered for Skill Map. AGC Group Improvement Activities were developed at 36 locations (20 of which were outside Japan). In order to efficiently promote these activities, the Group also trained leaders for improvement activities in achievement activities. •Implemented the 4th ES survey to approximately 40,000 employees across Project, developed guidelines on four Group-wide high-risk themes and determined future promotion methods. In Japan, the Group trained 181 Core Safety Facilitators through safety promotion activities over five years, while continuing to implement its Safety Key Person training in Asia and expand the demographic subject to it. the entire Group. The response rate was 2013 Hosted the AGC Group CEO Awards 2013 and granted 138 commendations. There was an increase in cases of results major initiative in each country and region. The online system was used in eight training sessions (language and accounting). produced by cooperation across national and regional boundaries. results Introduced Prior Safety Assessment Systems when installing manufacturing equipment at some locations in Thailand, Indonesia and China 483 employees in Asia including Japan earned Safety Basic Assessor qualifications. Selfevaluation1 Create a work environment where Foster the Group's safety management Enhance employee education and employees can work with satisfaction activities3 training programs and pride Ensure that the measures determined Expand the scope of registrants of Skill Establish and implement action plans for ES improvement activities at each through the Serious Accident Eradication Project permeate the Group all the way to Expand the development locations **Fiscal** the shop floors in each country and region. Develop a Prior Safety Assessment System at installing manufacturing equipment in Asia of AGC Group Improvement Activity worldwide, and develop human resources to promote these activities workplace based on the results of the 4th 2014 ES survey. Continue to implement the award system while making improvements as a means to award jointly implemented best practices and efforts to create a work environment that recognizes and appraise orbital property. targets Improve safety awareness through initiatives such as hazard simulation appraises achievements

- 1 Criteria for Self-evaluation A: Satisfactory level, in which the intended target has been achieved B: Almost satisfactory level, in which a part of the intended target has not yet been achieved and some issues still remain C: Unsatisfactory level, in which the intended target has not been achieved
- 2 Reason for B evaluation: One fatal accident occurred within the AGC Group
- 3 Fiscal 2014 targets for employee safety and health training have been moved to "Human development and training in the workplace" (right column).

## **AGC Group Human Resources Management**

#### AGC Group "7 Key Principles for People"

AGC Group wishes to purse these principles as the foundation of our "7 Key Principles for People" to maximize our performance as a truly global corporation.

#### Implementation of "Look Beyond"

AGC Group requires all employees to commit to our Shared Values of "Look Beyond" - Our four Shared Values: Innovation & Operational Excellence, Diversity, Environment, and Integrity.

#### Diversity for Organizational Competitiveness

AGC Group builds teams of diverse people who support our four Shared Values of "Look Beyond" and have the abilities to contribute to organizational competitiveness.

#### Development and Growth

AGC Group encourages employees to grow and provides them with opportunities for self-development.

#### Job Satisfaction and Pride

AGC Group encourages employees to achieve their goals so that they feel a sense of pride and satisfaction in their work.

#### Work Environment and Conditions

AGC Group provides a safe and healthy work environment.

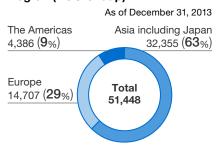
#### Open Communication

AGC Group emphasizes open communication in the workplace to create a better organizational climate.

#### Evaluation, Recognition and Rewarding Performance

AGC Group evaluates and recognizes employees who contribute to the organization and rewards their contributions.

#### **Number of Group Employees by** Region (AGC Group)



#### Number of Employees (Asahi Glass)

As of December 31, 2013 (Excluding those dispatched to other Group companies)

	Classification	Male	Female	Total	Percentage of females
Managers		1,913	100	2,013	5.0%
Non-	Career-track positions	791	137	928	14.8%
	Shop-floor workers	2,742	67	2,809	2.4%
managers	Clerical positions	20	499	519	96.1%
	Subtotal	3,553	703	4,256	16.5%
Total		5,466	803	6,269	12.8%

#### **Employee-Related Data (Asahi Glass)**

As of December 31, 2013

	Male	Female	Total	
Average age	41.0	38.7	40.7	
Average length of service	17.4 years	12.2 years	16.7 years	
Average overtime working hours	19.7 hours/month (average for members of the labor union)			
Percentage of paid leave taken	88.4% (average for members of the labor union)			

#### Retention Rate of New Employees (Asahi Glass)

Year of recruitment	2011
Number of new recruits	107
Number of retained employees <sup>1</sup>	102
Retention rate	95.3%

### Number of Employees Retiring (Asahi Glass)

Period: April 2013 to March 2014

	Number of people
Retirees	89

Note Excluding employees retiring upon reaching mandatory retirement age

## Improving Employee Satisfaction

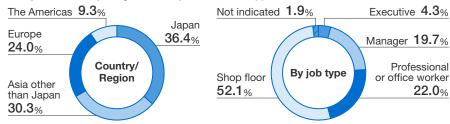
#### **Respondents of ES Survey** (AGC Group)

	Eligible employees	Respon- dents	Response rate
First survey (conducted in July 2005)	9,247	8,435	91%
Second survey (conducted in November 2007)	40,100	31,126	78%
Third survey (conducted in November 2010)	39,055	31,729	81%
Fourth survey (conducted in November 2013)	40,321	33,214	82%

#### **Total Number of AGC Group Awards Won (AGC Group)**

FY	Number of Awards
2011	145
2012	154
2013	138

#### Respondents by Region/Job (4th ES Survey)



#### **ES Survey Question Items**

#### **Employee Engagement (Initiative)**

- 1. Clear and Promising Direction
- 2. Confidence in Leadership
- 3. Quality and Customer Focus
- 4. Respect and Recognition
- 5. Development Opportunities
- 6. Compensation

#### **Employee Enablement**

- 1. Performance Management
- 2. Authority and Empowerment
- 3. Resources
- 4. Collaboration
- 5. Work Efficiency

#### Commendations Awarded across the AGC Group and Numbers Thereof in Fiscal 2013 (AGC Group)

Туре	Number	Туре	Number	
"Look Beyond"	9	KAIZEN Award	15	
Excellent Quality Improvement Plant Award	7	Enhancement and Transfer Technologies & Skills Award	9	
Excellent Cost Reduction Plant Award	7	Excellent Safety Plant Award	31	
New Business/New Market Development Award	11	Environmental Contribution Award	4	
Excellent Business Support Award	13	Diversity Award	4	
Technical Innovation & Performance Award	28	Integrity Award	0	
Total 138				

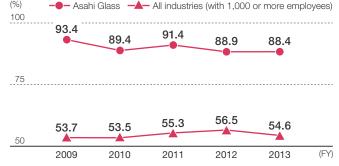
## **Work-Life Balance**

#### **Employees Taking Childcare/Family Care Leaves** (Asahi Glass)

FY	No. of employees who took childcare leave	No. of employees who took family care leave
2009	541 (Including 2 employees taking short-term leave)	1
2010	70 <sup>2</sup> (Including 2 employees taking short-term leave)	4 (Including 2 employees taking short-term leave)
2011	63 <sup>3</sup> (Including 3 employees taking short-term leave)	1
2012	824 (Including 2 employees taking short-term leave)	4 (Including 2 employees taking short-term leave)
2013	75 <sup>5</sup> (Including 2 employees taking short-term leave)	0

- 1 of which three employees were male 3 of which eight employees were male 4 of which five employees were male 4 of which five employees were male
- 5 of which four employees were male

### **Average Percentage of Annual Paid Leave Used** (Asahi Glass)



Note Excluding managers

Note Industry data from a working conditions survey by the Ministry of Health, Labour and Welfare

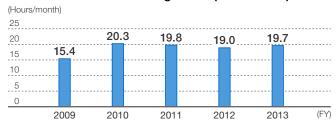
### **Work-Life Balance**

#### Data about the Labor Union (Asahi Glass)

FY	Number of members <sup>1</sup>	Average age	Average length of service
2009	4,009	39.2	16 years and 11 months
2010	4,230	37.9	15 years and 4 months
2011	4,215	38.1	15 years and 6 months
2012	4,245	37.4	14 years and 6 months
2013	4,121	37.8	14 years and 8 months

<sup>1</sup> Asahi Glass adopts a union shop system under its labor agreement.

#### Trends in Overtime Working Hours (Asahi Glass)



## Global Promotion of Diversity

#### Foreign Nationals Hired during New Graduate Recruitment for Career-**Track Positions (Asahi Glass)**

FY	Exchange students in Japan	Graduates of Overseas Universities	
2011	6	3	
2012	2	8	
2013	6	1	

#### Trends in Percentage of Female **Executives (Asahi Glass)**

FY	Proportion of female employees
2009	3.7%
2010	4.1%
2011	4.4%
2012	4.8%
2013	4.9%

#### **Proportion of Female New Graduates Recruited for General Career-Track Positions (Asahi Glass)**

FY	Proportion of female employees
2010	10.4%
2011	20.9%
2012	22.9%
2013	30.0%

#### Continuous Employment Rate of Retirees (Asahi Glass)

FY	Number of reemployed retirees	Number of retirees	Continuous employment rate
2009	70	176	39.8% <sup>1</sup>
2010	13	117	11.1% <sup>1</sup>
2011	73	132	55.3%
2012	82	122	67.2%
2013	109	159	68.6%

<sup>1</sup> As a result of implementing a range of employment measures in response to the economic recession that hit the world in the fall of 2008, the continuous employment rate decreased from the fiscal 2008 level in fiscal 2009 and 2010 (non-managers).

#### **Employment Rate of People with Disabilities (Asahi Glass)**

FY	Number of people with disabilities (actual number)	Employment rate
2009	104	1.97%
2010	105	1.98%
2011	104	1.94%
2012	107	2.00%
2013	110	2.07%

## **Employee Education**

#### **Number of Monozukuri Training Center Users**

FY	Number
2011	24,259
2012	31,973
2013	27,481

#### Training Expenses (AGC Group in Japan)1

FY	Annual training expenses
2012	204 million yen
2013	186 million yen

<sup>1</sup> Total amount of training expenses for technical and skills training, stratified education carried out at the AGC Monozukuri Training Center and support funding for self-development activities. Expenses for training provided independently by each department are not included.

### Annual Per-capita Training Hours (AGC Group in Japan)

FY Annual training hours (hours/per	
2011	8.42
2012	11.5
2013	9.0

- 1 Training hours include the hours spent in the education on technologies and skills and stratified educational seminars given at the AGC Monozukuri Training Center but do not include the hours spent in the training provided independently by each department or in external training
- 2 Training hours have been shortened due to the effects of the Great East Japan Earthquake.

## **Occupational Health & Safety**

#### **AGC Group Basic Occupational Health & Safety Policy**

Established on February 9, 2001 and revised on March 29, 2013

#### Basic Policy

The AGC Group will manage its Occupational Health and Safety (hereinafter "OH & S") under the policy of "No Production without Safety" and all managers will ensure that the OH & S policy should be clearly understood and permeated throughout the Group and that all of the employees should be actively involved in the promotion of OH & S activities.

#### Guidelines for Occupational Health Activities

We will actively implement OH & S activities by addressing any possible issues on occupational accidents and illnesses to achieve continual improvement in our OH & S performance, based on the following guidelines.

- 1. We will enhance the level of our Risk Assessments to promote effective use of our OHSMS.
- 2. We will continue our conventional on-site safety activities without making them mere repetitive routine.
- 3. Managers will treat their subordinates like a family member and ensure safety at workplaces. We will promote intrinsic safety of equipment, and look for continual improvement in the workplace environment.
- 4. We will implement OH & S activities as a part of production line activities. The departments in charge of OH & S will provide necessary support for line management.
- 5. We will comply with OH & S related laws and requirements.
- 6. We will encourage proactive employee participation in all OH & S activities through open, honest and fair interactions and communication at workplaces.

#### **Health Management Policy**

Established on March 1, 2007

The AGC Group has established the following health management policy to be followed by its employees in conducting their business operations, to continuously create value for the world under the Group vision "Look Beyond"

### Health consciousness

Employees represent one of the most important assets for the AGC Group, and health is one of the most important elements of the daily lives of employees.

#### Corporate support for employee health

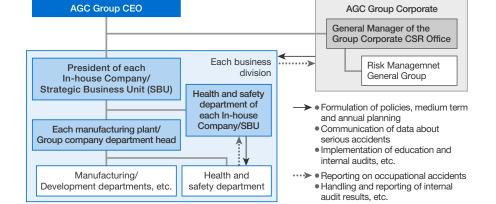
The AGC Group will actively implement measures to maintain and promote the physical and mental health of its employees, thereby supporting them in driving the growth of the Group by fully displaying their individual abilities, and in striving to lead meaningful lives.

#### Self-discipline by employees

Employees themselves must be aware of the importance of their health, and they must maintain and promote their health through self-discipline, taking responsibility for their own health.

Note The AGC Group plans to extend this Health Management Policy from Asahi Glass to Group companies in and outside of Japan in the future.

#### **Occupational Health and Safety Management System**



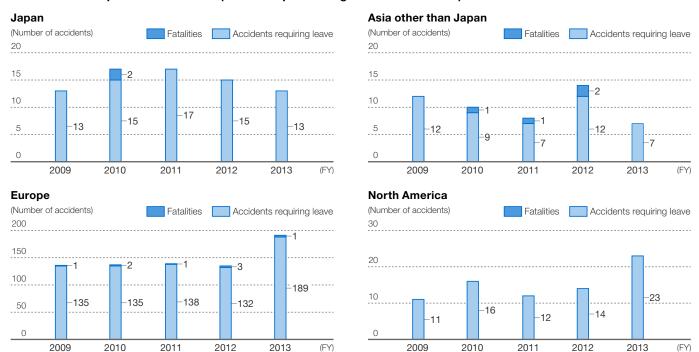
#### Number of Plants Obtaining Third-Party Certification for OHSMS

As of the end of December 2013

Coverage	Number of certified plants
Asahi Glass	2
Group companies in Japan	6
Group companies in Asia other than Japan	13
Group companies in Europe	46
Group companies in North America	0
Total	67

## **Occupational Health & Safety**

#### Number of Occupational Accidents (AGC Group including Business Partners)



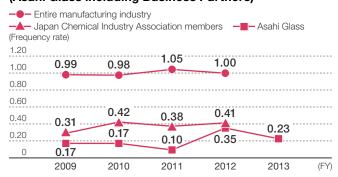
Note The assessment criteria for accidents requiring leave differ among Asia including Japan, Europe and North America, which disables the simple comparison of the numbers of occupational accidents among each region.

Note Accidents requiring leave have increased in Europe due to figures for new locations which have recently joined the AGC Group.

#### Breakdown of Fatal Accidents in Fiscal 2013 (AGC Group)

Area	Employees	Business Partners	Third Parties
Japan	0	0	0
Asia other than Japan	0	0	0
Europe	1	0	0
North America	0	0	0

## Trend in Frequency Rate for Accidents Requiring Leave (Asahi Glass including Business Partners)



#### Number of Occupational Accidents in Fiscal 2013<sup>1</sup> (AGC Group including Business Partners in Asia including Japan)

Туре	Japan		Group companies in Asia	Total	
		Major sites¹	other than Japan	Total	
Fatalities	0 (0)	0 (0)	0 (2)	0(2)	
Accidents requiring leave	13(15)	6(10)	7(12)	20 (27)	
Accidents not requiring leave	17(22)	10(14)	4(4)	21 (26)	
Minor injuries	Not counted	29(17)	Not counted	29(17)	
Total	59(54)	45(41)	11(18)	70 (72)	

Note The figures in parentheses represent the numbers of occupational accidents in fiscal 2012.

1 The numbers are totaled for Asahi Glass and some Group companies in Japan.

## The Environment



The AGC Group has examined the materiality of each issue by corresponding to Related Actions and Expectations of ISO 26000, and designated selected material issues to correspond to the ISO 26000 core subjects of the Environment. The reasons for selecting these material issues are as follows.

#### **Material Issues**

#### ISO 26000 Issue

#### Prevention of pollution

#### ISO 26000 related actions and expectations

- •Identify the impacts of its decisions and activities on the environment
- •Identify the sources of pollution and waste related to the activities
- •Measure, record and report on its significant sources of pollution and reduction of pollution, water consumption, waste generation and energy consumption
- •Implement measures aimed at preventing pollution and waste and properly manage unavoidable pollution and waste
- Prepare an environmental accident prevention program and an emergency plan involving workers, authorities, local communities and other relevant stakeholders

Reasons for Selection of Material Issues The problems of environmental impact and waste stemming from corporate activity affect the environment of surrounding areas in a variety of ways, and society is growing more concerned about them.

Recognizing that its operations have considerable impact on the environment, the AGC Group identifies Environment as one of the four Shared Values in its Group Vision, "Look Beyond", and is focusing on reducing its environmental load and preventing pollution.

#### ISO 26000 Issue

#### Sustainable resource use

#### ISO 26000 related actions and expectations

- •Identify the sources of energy, water and other resources used
- •Measure, record and report on its significant uses of energy, water and other resources
- •Implement measures to reduce its use of energy, water and other resources

Reasons for Selection of Material Issues As the world economy develops, resource procurement risks are becoming apparent on a global scale. Risks are particularly marked in energy and water procurement, and in rare metals which are supplied by only a few regions.

With an awareness of the large amount of natural resource and energy usage in its business activities, the AGC Group recognizes that making efficient use of limited resources and energy is important. In its management policy **Grow Beyond**, the Group identifies Technology Solutions for Environment and Energy as one of its three growth strategies.

#### ISO 26000 Issue

#### Climate change mitigation and adaptation

#### ISO 26000 related actions and expectations

- •Identify the sources of direct and indirect GHG emissions and define the scope of its responsibility
- Measure, record and report on its significant GHG emissions, preferably using methods defined in internationally agreed standards
- •Implement measures to reduce the direct and indirect GHG emissions within its sphere of influence
- •Realize energy savings by purchasing of energy efficient goods and development of energy efficient products

Reasons for Selection of Material Issues The interest of society in corporate initiatives regarding climate change issues is rising, to the extent that corporations are being requested to disclose their strategies for climate change and their specific amount of greenhouse gas emissions.

The AGC Group does more than simply work to reduce the greenhouse gas emissions generated in its production processes. It develops and sells energy-saving and energy-creating products under the slogan of encouraging greenhouse gas reduction over the lifecycle of products, viewing these and other efforts to mitigate climate change as important.

## **Fiscal 2013 Activity Results for Material Issues**

ISO 26000 Issue	Prevention of pollution	Sustainable resource use	Climate change mitigation and adaptation
ISO 26000 related actions and expectations	Identify the impacts of its decisions and activities on the environment     Identify the sources of pollution and waste related to the activities     Measure, record and report on its significant sources of pollution and reduction of pollution, water consumption, waste generation and energy consumption     Implement measures aimed at preventing pollution and waste and properly manage unavoidable pollution and waste     Prepare an environmental accident prevention program and an emergency plan involving workers, authorities, local communities and other relevant stakeholders	Identify the sources of energy, water and other resources used     Measure, record and report on its significant uses of energy, water and other resources     Implement measures to reduce its use of energy, water and other resources	Identify the sources of direct and indirect GHG emissions and define the scope of its responsibility     Measure, record and report on its significant GHG emissions, preferably using methods defined in internationally agreed standards     Implement measures to reduce the direct and indirect GHG emissions within its sphere of influence     Realize energy savings by purchasing of energy efficient goods and development of energy efficient products
	Promoting risk reduction and preventive measures	Promotion of sustainable resource use	Contributions through business initiatives regarding environmental
P Fiscal 2013	Expand the number of locations participating in the Integrated Environment Management System (EMS)     Develop preventative measures for serious environmental and industrial safety and security accidents through the Serious Accident Eradication Project		and energy issues  *Promote activities to lower the level of the AGC Environmental Indicator for greenhouse gases to 1.3 or less  *By fiscal 2015, reduce energy use per unit area of main offices in Japan, Europe and the Americas by 25% compared to 2011
targets	Promote Zero-landfill (waste) across the Group  By 2020, reduce the total amount of waste generated by basic unit <sup>1</sup> , and promote waste reduction initiatives in order to achieve Zero-landfill <sup>2</sup> across the entire Group		levels.  *Achieve an environment-related sales ratio of 19% by fiscal 2015, and of 30% by fiscal 2020
	~	~	~
Fiscal 2013 major initiative results	<ul> <li>By the end of December 2013, 184 of 248 manufacturing plants had obtained ISO 14001 certification. Of these, 129 plants participated in Integrated EMS.</li> <li>Determined future promotion methods for four environmental and industrial safety and security themes which have a particularly high risk across the Group through the Serious Accident Eradication Project.</li> <li>The global recycling rate was 96.7% (96.2% in fiscal 2012)</li> </ul>	<ul> <li>The examination of mid- to long-term targets for renewable resource usage rates was promoted, and the Group as a whole began reuse initiatives</li> </ul>	<ul> <li>The AGC Environmental Indicator for greenhouse gases was 1.4</li> <li>Through energy saving projects, utility-related energy use at main plants in Japan was reduced by 15.6% compared to 2012.</li> <li>Energy use per unit area of main offices in Japan, Europe and the Americas was reduced by 19.5% from 2011 levels.</li> <li>Environment-related sales ratio was 15% (17% in fiscal 2012)</li> </ul>
	~	~	~
Self- evaluation <sup>3</sup>	A	А	B 4
	~	~	~
Fiscal 2014 targets	Promoting risk reduction and preventive measures  Basing on the results of the Serious Accident Eradication Project, incorporate into each division's unique industrial safety and security activities, and develop preventative measures  Promote Zero-landfill (waste) across the Group  By 2020, reduce the total amount of waste generated by basic unit <sup>1</sup> , and promote waste reduction initiatives in order to achieve Zero-landfill across the entire Group	Promotion of sustainable resource use  *Set mid- to long-term targets for renewable resource usage rates and promote reuse initiatives	Contributions through business initiatives regarding environmental and energy issues  Promote activities to lower the level of the AGC Environmental Indicator for greenhouse gases to 1.3 or less.  Develop measures to reduce the amount of energy use per unit area in main offices in Japan, Europe and the Americas by 25% (compared to 2011 levels) by fiscal 2015.  Achieve an environment-related sales ratio of 19% by fiscal 2015, and of 30% by fiscal 2020.

- 1 The amount of waste generated for the amount of resources invested. 2 Zero-landfill is defined as recycling more than 99% of waste.
- 3 Criteria for Self-evaluation A: Satisfactory level, in which the intended target has been achieved B: Almost satisfactory level, in which a part of the intended target has not yet been achieved and some issues still remain C: Unsatisfactory level, in which the intended target has not been achieved
- 4 Reason for B evaluation: Environment-related sales ratio fell two points from fiscal 2012

## **Environmental Management**

#### **AGC Group Basic Environmental Policy**

Established on February 9, 2001 and revised on June 25, 2008

#### Basic Policy

The AGC Group has designated environmental activities as one of the Shared Values in the Group Vision, "Look Beyond" with the awareness of large amount of natural resources and energy usage in its activities.

As a global material and component provider, we shall contribute to the development of a sustainable society through:

- effective use of limited natural resources and energy, and
- consideration of the influence of our activities on the natural environment including climate change and biological diversity.

#### Slogan

Play your part as a responsible citizen in creating a better environment.

#### Guidelines for Environmental Activities

The AGC Group will implement environmental activities based on the following Guidelines throughout our business activities.

- 1. We will make continuous improvements based on the Integrated Environmental Management System.
- 2. We will comply with all regulations and standards prescribed by environmental laws, ordinances, treaties and agreements.
- 3. We will take steps to reduce environmental impact and to prevent pollution. We will set voluntary targets as regards resource conservation, global-warming countermeasures, waste reduction and recycling, and the proper control of chemicals. We will work to accomplish these goals while making further improvements.
- 4. We will develop and provide eco-conscious products, technologies, services, and facilities for society in all areas of our activities.
- 5. We will actively communicate with society to foster an appropriate understanding of all aspects of our environmental activities.

The AGC Group Basic Environmental Policy is disclosed to the public.

#### **Promotion Structure of Integrated EMS**

As of December 31, 2013

President & CEO (Management)		
Integrated EMR <sup>1</sup>	Glass Company	4 plants of Asahi Glass
-		6 Group companies in Japan
		11 Group companies in Asia other than Japan
		9 Group companies in Europe
		10 Group companies in North America
	Electronics Company	7 plants of Asahi Glass
		6 Group companies in Japan
		10 Group companies in Asia other than Japan
	Chemicals Company	5 plants of Asahi Glass
		8 Group companies in Japan
		2 Group companies in Asia other than Japan
		1 Group company in Europe
		1 Group company in North America
Note For plants and Group companies belonging	Production Technology Center	1 plant of Asahi Glass
to more than one In-	Purchase & Logistics Center	1 site of Asahi Glass
house Company/SBU, the above numbers		1 Group company in Japan
are indicated per In-	Engineering Center	1 plant of Asahi Glass
house Company/SBU in duplication.  Note Organizations incorporated into the Integrated EMS are each ISO 14001-certified, undergoing examinations by an external		1 Group company in Japan
	Research Center	1 site of Asahi Glass
	Corporate Center	2 sites of Asahi Glass
		1 Group company in Japan
	AGC Ceramics	1 plant in Japan
certification body based		1 Group company in Japan
on the same examination criteria.		2 Group companies in Asia other than Japan
Environmental Management     Representative	Tokai Kogyo	2 plants in Japan
ιτοριοσοιτατίνο		Lance Control

## ISO 14001-Certified Manufacturing Plants

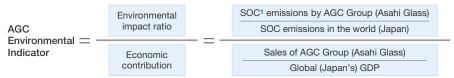
As of December 31, 2013

Region	No. of manufacturing plants	No. of certified manufacturing plants (No. of plants incorporated into the Integrated EMS)
Asahi Glass	12	12 (12)
Group companies in Japan	92	71 (68)
Group companies in Asia other than Japan	37	34 (31)
Group companies in Europe	73	57 (9)
Group companies in North America	34	10 (9)
Total	248	184 (129)

Note As for non-manufacturing sites, a total of 55 locations are ISO 14001-certified (including the Integrated EMS).

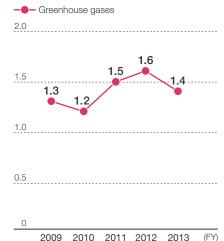
## **Assessing Environmental Impact**

#### **AGC Environmental Indicator Calculation Method**

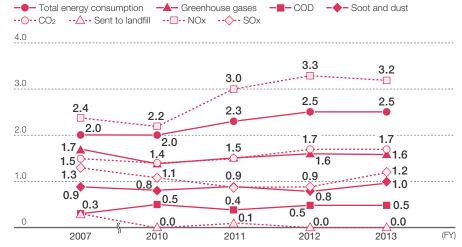


1 Substance of concern

#### **AGC Environmental Indicator** (AGC Group)

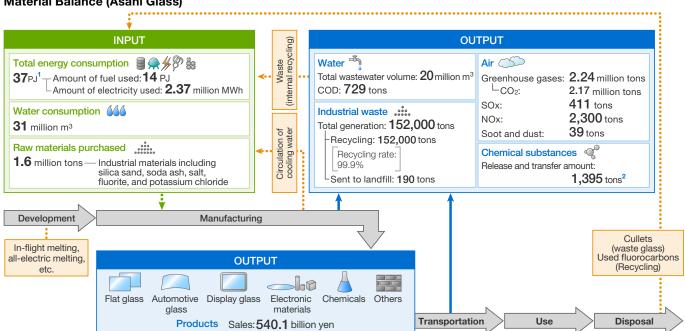


## **AGC Environmental Indicator (Asahi Glass)**



Note At present, the Group is implementing improvements based on fiscal 2007 actual results.

#### Material Balance (Asahi Glass)



Note Due to rounding, the percentage sum for each item does not necessarily amount to 100%

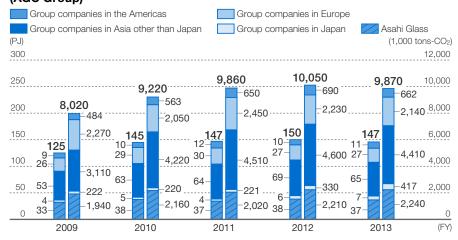
Note For detailed environmental performance data, please refer to the Environment section on the CSR website and to the CSR Information Supplement (this PDF).

1 PJ (peta joule) = 10<sup>15</sup> J (joule)

2 Total emissions of substances regulated by the PRTR Act (in fiscal 2012)

## **Response to Climate Change**

### Total Energy Consumption (Left) and Greenhouse Gas Emissions (Right) (AGC Group)



## **Amount of Energy Source Input** and CO<sub>2</sub> Emissions (AGC Group)

**Breakdown of Greenhouse Gas Emissions by Scope (AGC Group)** 

Scope 1

5,270

Scope 2

4,550

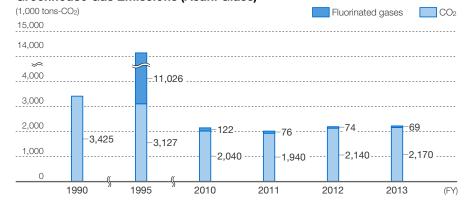
FY

2013 (1,000 t-CO<sub>2</sub>)

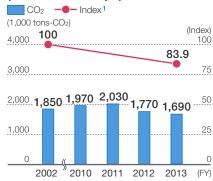
	FY2013
Electricity used (1,000 MWh)	8,120
Fuel used (PJ)	75
CO <sub>2</sub> emissions (1,000 t)	9,780

Note Due to rounding, the percentage sum for each item does not necessarily amount to 100%.

#### **Greenhouse Gas Emissions (Asahi Glass)**

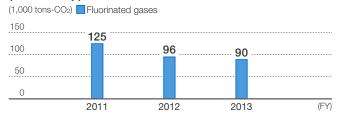


#### CO<sub>2</sub> Emissions (AGC Glass Europe)

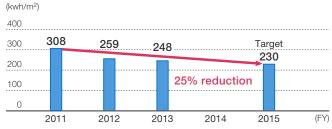


1 Indexed with fiscal 2002 CO<sub>2</sub> emissions as the standard (100).

#### Emission of Greenhouse Gases Other than CO<sub>2</sub> (AGC Group)



### Reduction in Office Energy Use per Unit Area



Note Applies to major office buildings in Japan, Europe and North America.

### Scope 3 Greenhouse Gas Emissions (AGC Group)

FY	Scope 3
2013 (1,000 t-CO <sub>2</sub> )	6,910

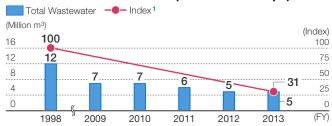
Note Scope 3 calculations are performed for the following categories (items): Purchased goods and services; capital goods; fuel and energy-related activities not included in Scopes 1 or 2; upstream transportation and distribution; waste generated in operations; business travel; employee commuting; use of sold products; end-of-life treatment of sold products; and investments.

## **Effective Use of Water Resources and the Prevention of Water Pollution**

#### Total Amount of Wastewater (AGC Group in Japan)

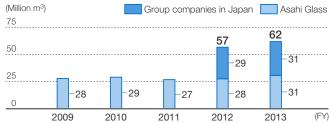


#### **Total Amount of Wastewater (AGC Glass Europe)**

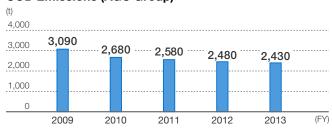


1 Indexed with fiscal 1998 total wastewater volume as the standard (100).

#### Water Intake Volume (AGC Group in Japan)



#### **COD Emissions (AGC Group)**



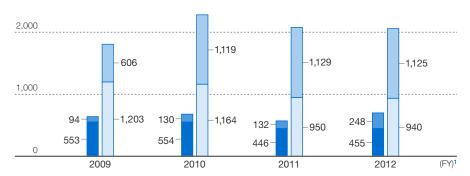
## **Chemical Substances Management**

#### Volatile Organic Compound (VOC) Emissions (AGC Group in Japan)

FY	Asahi Glass	Group companies in Japan
2011	251t	98t
2012	248t	196t

## Emissions and Transfer of Substances Regulated by the PRTR Act (AGC Group in Japan)

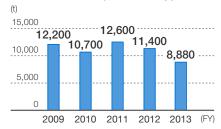




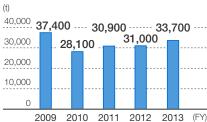
1 Target period: April to March

## **Pollution Prevention**

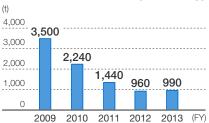
#### SOx Emissions (AGC Group)



#### **NOx Emissions (AGC Group)**



#### Soot and Dust Emissions (AGC Group)

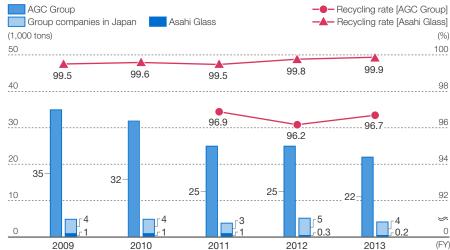


### **Sustainable Use of Resources**

#### **Total Volume of Waste Generated** (AGC Group)

(	
	FY2013
Total volume of waste generated (1,000 tons)	664

#### Waste Sent to Landfill and the Recycling Rates



## **Industrial Safety & Security**

#### **AGC Group Basic Industry Safety & Security Policy**

Established on February 7, 2003 and revised on March 28, 2008

The AGC Group, in the pursuit of "Look Beyond" carries out the following activities for industrial safety & security under the principle that industrial safety and site safety are part of its responsibility towards the local community as a corporate citizen.

- 1. The AGC Group shall comply with all laws, ordinances, treaties and standards etc. concerning industrial safety and securities, both nationally and locally.
- The AGC Group shall carry out activities for industrial safety & security to prevent accidents or disaster from occurring, and shall strive for continual improvement.
- 3. The AGC Group shall make efforts to communicate with stakeholders such as the local community.

#### **Number of Fires Occurring** (AGC Group)1



- 1 Fires included in the total figures are those that required fire extinguishing, from small fires put out with a single fire extinguisher to larger fires put out by a municipal fire department.
- 2 Collection of worldwide data began from fiscal 2013. Some group companies in Europe were not subject to data collection.

### **Environmental Accounting**

Scope of data: Asahi Glass Target period: January 1 to December 31, 2013

#### **Environmental Conservation Cost**

(Millions of yen)

Item	Investment	Cost
(1) Business area	3,846	5,677
Breakdown (1)-1 Pollution prevention	1,338	3,804
(1)-2 Global environmental conservation	2,508	668
(1)-3 Resource circulation	0	1,205
(2) Upstream/downstream	0	504
(3) Administration	0	677
(4) R&D	2,235	10,956
(5) Social activity	0	9
(6) Environmental remediation	0	952
Total	6,081	18,775

Note The breakdown figures do not always add up to the total because of rounding.

#### **Environmental Conservation Benefits**1

Item	Change in environmental impact <sup>2</sup>	Simple Y-to-Y change	Sales-corrected change <sup>3</sup>
Total energy consumption	-1PJ	-2%	-2%
CO <sub>2</sub> emissions	30,000t	1%	1%
Greenhouse gas emissions	30,000tCO <sub>2</sub>	1%	1%
Waste sent to landfill	-69t	-27%	-27%
COD emissions	37t	5%	5%
SOx emissions	-53t	-11%	-11%
NOx emissions	-180t	-7%	-7%
Soot and dust emissions	0t 0%		0%
Effect on upstream/ downstream cost	Recycling of packaging materials for products' shipment (Actual benefits listed in table below		(Actual benefits listed in table below)
Other environmental conservation benefits	Benefits associated with transportation and other operations (not measured by Asahi Glass)		

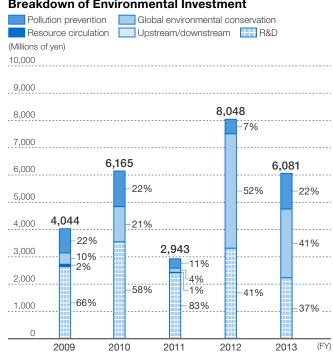
- 1 Change in environmental impact and simple Y-to-Y change: A positive figure indicates an increase and a negative figure indicates a decrease in environmental impact from the previous fiscal year's level.
- 2 Change in environmental impact = (Fiscal 2013 output volume) (Fiscal 2012 output volume)
- 3 Sales-corrected change = Simple Y-to-Y change/Y-to-Y sales ratio Asahi Glass Y-to-Y sales ratio = (Fiscal 2013 sales)/(Fiscal 2012 sales) = 5,401/5,431 = 0.99

#### **Economic Benefit Associated with Environmental Conservation (Actual Benefit)** (Millions of ven)

Consolitation (Astaul Benong		(Willions of year)
Benefit		Value
Revenue	Revenue from the recycling of used products and waste from core business operations	493 (591)
Cost	Effects of energy saving	3,063 (1,821)
reduction	Lower waste treatment costs due to resource saving/recycling	400 (233)

Note Numbers in parentheses are figures from fiscal 2012.

#### **Breakdown of Environmental Investment**

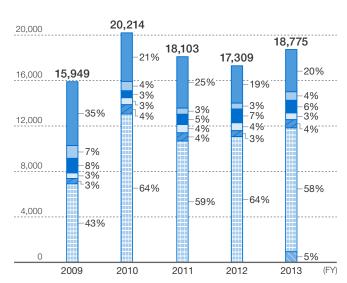


Note Environmental remediation costs are excluded from the above summation because the method of allocating cost and investment differs depending on the year of calculation.

Note Due to rounding, the percentage sum for each item does not necessarily amount to 100%

### **Breakdown of Environmental Cost**





Note Environmental remediation costs are excluded from the above summation because the method of allocating cost and investment differs depending on the year of calculation.

Note Due to rounding, the percentage sum for each item does not necessarily amount to 100%.

# Fair Operating Practices



The AGC Group has examined the materiality of each issue by corresponding to Related Actions and Expectations of ISO 26000, and designated selected material issues to correspond to the ISO 26000 core subjects of Fair Operating Practices. The reasons for selecting these material issues are as follows.

#### **Material Issues**

#### ISO 26000 Issue

#### **Anti-corruption**

#### ISO 26000 related actions and expectations

- •Identify the risks of corruption and implement and maintain policies and practices that counter corruption
- Provide commitment, encouragement and oversight for policy implementation regarding anti-corruption by top management
- •Raise awareness of corruption and preventative measures among employees, representatives, contractors and suppliers
- •Establish and maintain an effective anti-corruption system
- •Adopt mechanisms to report and follow up on information regarding violations
- •Promote the introduction of anti-corruption practices in the value chain

Reasons for Selection of Material Issues With anti-corruption given as one of the United Nations Global Compact's ten principles, European and American laws and regulations related to anti-corruption are being strengthened, the exposure of corruption is advancing, particularly in fast-growing countries, and society's interest in corporate initiatives for anti-corruption is rising.

The AGC Group operates in approximately 30 countries and regions, and views efforts regarding anti-corruption in these countries and regions as important.

#### ISO 26000 Issue

#### Fair competition

#### ISO 26000 related actions and expectations

- •Conduct activities in a manner consistent with competition laws and regulations, and cooperate with the appropriate authorities
- •Establish procedures to prevent engaging in anti-competitive behavior
- •Train employees on the importance of competition legislation and fair competition

Reasons for Selection of Material Issues In recent years many countries, including fast-growing nations, have strengthened their regulations and enforcement regarding antitrust laws, and there is strong demand for corporate compliance.

Due to the features of its business (a large share or an oligopolistic industry) and having received orders of payment for surcharges from the authorities concerned in the past, the AGC Group is aware that antitrust law violations pose a major risk to its business activities, and views efforts regarding antitrust law compliance as important.

## ISO 26000

#### Promoting social responsibility in the value chain

#### ISO 26000 related actions and expectations

- •Integrate ethical, social, environmental and gender equality criteria and health and safety in its purchasing, distribution and contracting policies
- •Carry out appropriate due diligence and monitoring of the organizations with which it has relationships

Reasons for Selection of Material Issues As corporate supply chains expand globally, society is showing a growing interest in social problems regarding human rights and environmental issues in developing nations.

As a corporation that contributes to the realization of a sustainable society, the AGC Group works with business partners on initiatives intended to resolve social issues regarding human rights, labor practices and the environment, and views the promotion of social responsibility within its supply chain as important.

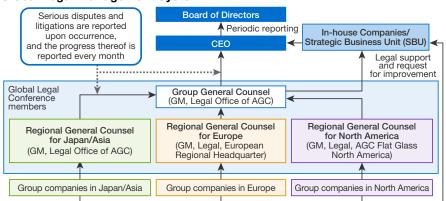
## **Fiscal 2013 Activity Results for Material Issues**

ISO 26000 Issue	Anti-corruption	Fair competition	Promoting social responsibility in the value chain
ISO 26000 related actions and expectations	Identify the risks of corruption and implement and maintain policies and practices that counter corruption     Provide commitment, encouragement and oversight for policy implementation regarding anti-corruption by top management     Raise awareness of corruption and preventative measures among employees, representatives, contractors and suppliers     Establish and maintain an effective anti-corruption system     Adopt mechanisms to report and follow up on information regarding violations     Promote the introduction of anti-corruption practices in the value chain	Conduct activities in a manner consistent with competition laws and regulations, and cooperate with the appropriate authorities     Establish procedures to prevent engaging in anti-competitive behavior     Train employees on the importance of competition legislation and fair competition	Integrate ethical, social, environmental and gender equality criteria and health and safety in its purchasing, distribution and contracting policies Carry out appropriate due diligence and monitoring of the organizations with which it has relationships
P Fiscal 2013 targets	Included in Continue to Promote Compliance in Organizational Governance: Material Issues (P. 6)	To further strengthen training and audit for compliance with antitrust laws	Promote social responsibility across the supply chain  In addition to expanding familiarity with the AGC Group Purchasing Policy, develop policies to grasp the response status of major business partners
	<b>~</b>	<b>~</b>	
Fiscal 2013 major initiative results	Included in Continue to Promote Compliance in Organizational Governance: Material Issues (P.6)	<ul> <li>Implemented antitrust law training for approximately 2,000 employees across the Group.</li> <li>Conducted antitrust law compliance audits at all Group locations that are subject to audits, 45 Group companies and divisions.</li> </ul>	<ul> <li>Sent the AGC Report 2013 to 244 business partners, and made the AGC Group Purchasing Policy public.</li> <li>Conducted a CSR Implementation Survey of the Asahi Glass's major business partners (partners who account for 60% of its total purchases).</li> </ul>
	<b>~</b>	~	~
Self- evaluation <sup>1</sup>	Included in Continue to Promote Compliance in Organizational Governance: Material Issues (P.6)	A	A
	<b>~</b>	<b>~</b>	~
A	Reinforcement of anti-corruption training and auditing Implement anti-corruption training and education in main Asian countries Include bribery prevention mechanisms as an audit item of global priority and conduct internal audits.	To further strengthen training and audit for compliance with antitrust laws	Promote social responsibility across the supply chain  Disseminate the AGC Group Purchasing Policy to its suppliers and expand measures determining policy adherence to major business partners in Europe and North America.

<sup>1</sup> Criteria for Self-evaluation A: Satisfactory level, in which the intended target has been achieved B: Almost satisfactory level, in which a part of the intended target has not yet been achieved and some issues still remain C: Unsatisfactory level, in which the intended target has not been achieved

## **AGC Group Initiatives**

#### **Global Legal Management System**



#### **Measures Implemented in Fiscal** 2013 to Prevent Antitrust Law **Violations (AGC Group)**

FY	Number of participants in antitrust law training	Number of internal antitrust law compliance audits
2013	Approx. 2,000	45 (Group companies and divisions)

#### **Self-Checks on Information Security (AGC Group)**

FY	Asahi Glass	Group companies in Japan	Group companies in Asia other than Japan	Group companies in Europe	Group companies in North America
2011	4,400	3,700	3,500	4,000	1,500
2012	4,900	4,000	3,800	_1	900
2013	6,500	4,500	4,700	2,500	700

Note Approximate figures

## **Promoting Social Responsibility across the Supply Chain**

#### **AGC Group Purchasing Policy**

Established in 2009

AGC Group values the idea of the Group Vision "Look Beyond" and the "AGC Group Charter of Corporate Behavior" and will regulate our performances on purchasing which are explicitly stated in the following "AGC Group Purchasing Policy".

#### 1. Basic Purchasing Principle

#### 1. Fair & Equitable trade

Our procurement policy is to consistently search for innovative technologies, product and services with a "Fair" and "Equitable" manner globally.

#### 2. Compliance to related Laws & Regulations, and Pro-environment behavior

AGC Group will comply with the applicable laws and regulations of each country where our procurement takes place, and give due regard to safety and environment.

#### 3. Partnership

AGC Group will establish a long-term, mutual prosperous partnership, based on our shared vision, to produce a better product with our business partners. To this end, we shall endeavor to keep close communication with our business partners to build and enhance our trusting relationship.

#### 4. Protection of information, intellectual property and other assets

AGC Group will properly manage and protect the proprietary information, intellectual property and assets of our business partners while procuring goods and services.

#### 2. Criteria for Selecting Business Partners

AGC Group will apply key criteria to evaluate and select business partners, as follows.

- Sound management, Steady supply and Flexibility to match with the fluctuating demand.
- 2. Appropriate Quality, Pricing, Delivery date punctuality and technical

#### 3. Expectation of Business Partners

The AGC Group strives to be a company trusted by all its stakeholders, a company that meets the expectations of the world business community to grow and develop responsibility, and a company that significantly contributes to a healthier global society.

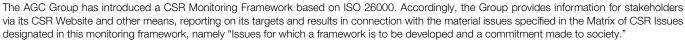
Essentially, CSR activities are performed on voluntary basis initiated by each individual company. However, for the AGC group, to pursue the CSR policy, it is imperative for all the supply-chain linked companies to pursue their individual CSR activities as well. Accordingly, to enable us to jointly work with our business partners, we kindly ask our partners to understand our policy and to cooperate.

The factors related with our Business Partners are,

- 1. Concentrate to supply products and services with good quality, considering Safety & Environment and Compliance to Laws & Regulations of each country.
- 2. Secure and proper managing of Proprietary information and Intellectual property.
- 3. Not to be engaged to forced labor or child labor and never tolerate infringements of human rights.
- 4. Make efforts to environment preservation and ensuring safety and security
- Maintain adequate level of occupational health and safety.

<sup>1</sup> Due to a revision in the Group's IT security policy, self-checks were not carried out at Group companies in Europe.

## Consumer Issues



The AGC Group has examined the materiality of each issue by corresponding to Related Actions and Expectations of ISO 26000, and designated selected material issues to correspond to the ISO 26000 core subject of Consumer Issues. The reasons for selecting these material issues are as follows.

#### **Material Issues**

#### ISO 26000 Issue

### Protecting consumers' health and safety

#### ISO 26000 related actions and expectations

- Under normal and reasonably foreseeable conditions of use, provide products that are safe for users and other persons, their properties and the environment
- Assess the adequacy of laws, regulations and standards regarding health and safety (if a response is necessary, it should exceed the minimum safety requirements)
- Avoid the use of harmful chemicals in product development. If such chemicals must be included, products should be clearly
- Assess and disclose information regarding human health risks before the introduction of new materials, technology or production methods
- Convey vital safety information to consumers using symbols
- Provide consumers with instructions regarding proper use of products and warnings about the risks that use may entail

Reasons for of Material Issues

In recent years, as safety consciousness of society grows, the level of consumer product safety required by society has continued to rise.

As a materials manufacturer, the AGC Group is aware that promoting solid initiatives for product safety with regard to its own products is important to its business activities.



Improvement of risk management capabilities with regard to product safety

1 Since this target was established in fiscal 2013, there are no targets or results for 2013.

## **Customer Satisfaction (CS)**

#### Number of Participants in CS Related Training Given in Fiscal 2013 (AGC Group in Asia including Japan)

Name	Target	Theme	Number of participants
CS Seminar, etc.	Managers and general employees	Basics and tips for CS	170

## **Quality Assurance**

#### **AGC Group Basic Quality Policy**

Established on September 8, 2004 and revised on March 29, 2013

#### Basic Policy

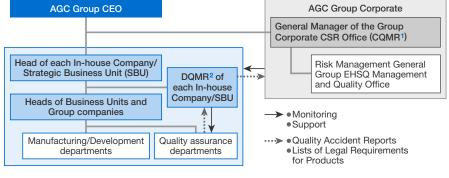
The AGC Group will continue to create the expected value by pursuing "Innovation & Operational Excellence" as one of the Shared Values in the Group Vision "Look Beyond".

#### Guidelines for Quality Activities

Having "Incorporating the concept of CS into daily work processes" as the fundamental of our businesses, we will act to gain trust from our stakeholders including customers, based on the following guidelines.

- 1. We will provide products and services that conform to the requirements of laws, regulations, and customers.
- 2. We will ensure and improve the quality of our products and services including appropriate consideration to safety and environment.
- 3. We all will participate in the continual improvement of effectiveness and efficiency of our quality management, and each of us will individually strive to enhance the value of our work.
- 4. In order to ensure that the above points are materialized, each will establish individual policy and target, and implement the PDCA cycle.

#### **Quality Management System**



- 1 CQMR: Corporate quality management representative
- 2 DQMR: Division quality management representative

#### Acquisition of ISO 9001 and ISO/ TS 169491 Certification

As of the end of December 2013

Location	Number of certified organizations
Japan	33
Asia other than Japan	29
Europe	70
North America	13
Total	145

Note Percentage of AGC Group employees at

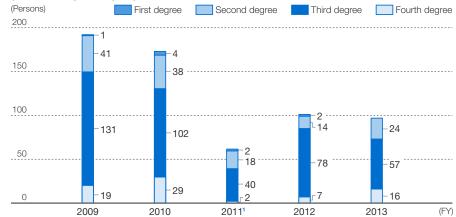
the certified organizations: 86.2%

1 Standards for quality management systems to be applied in the automotive industry, which requires compliance with the global procurement criteria for automotive parts

#### Change in the Number of **Reported Serious Product** Accidents (AGC Group in Japan)

•	
FY	Number of cases
2009	0
2010	0
2011	0
2012	1
2013	1

#### Number of Employees who Passed the QC Certification Examination (AGC Group in Japan)



1 Only one quality control certification exam was held in 2011 due to the Great East Japan Earthquake, which explains the reduction in number of those who passed the exam compared to fiscal 2010.

# Community Involvement and Development

## **Social Contribution Activities**

#### **AGC Group Social Contribution Basic Policy**

Established on February 10, 2010

In its AGC Group Charter of Corporate Behavior, the AGC Group declares it will "strive to be a trusted corporate citizen, fulfilling its responsibilities to the communities in which it does business." To achieve this, we conduct social contribution activities in three priority areas.

#### Priority Areas

1. Support for the Next Generation

We, as a creator of future value, support the development of children, who will carry the future, helping them to live out their dreams.

2. Harmony with Local Communities

We, as a member of the communities in which we operate, contribute to their sustainable development.

3. Natural Environment Conservation

We, as a global enterprise, contribute to the solution of global environmental problems.

#### **Total Financial Expenditure on Social Contribution Activities (AGC Group)**

FY	Amount
2010	525 million yen
2011 <sup>1</sup>	814 million yen
2012	395.7 million yen
2013	395 million yen

<sup>1</sup> Due to expenditures related to the Great East Japan Earthquake, the amount is comparatively greater than other years.

#### **Employee Participation in Social Contribution Activities: Fiscal 2013 Results (AGC Group)**

FY	Number of Employees	
2013	21,882	

#### **Total Expenditures by Category: Fiscal 2013 Results** (AGC Group)

· · · · · · · · · · · · · · · · · · ·		
Category	Amount	Rate
Support for the next generation	196.65 million yen	50%
Harmony with local communities	104.40 million yen	26%
Natural environment conservation	44.27 million yen	11%
Others	49.20 million yen	13%

#### **Expenditures by Use: Fiscal 2013 Results (AGC Group)**

Category	Amount	Rate
Donations, material donations	186.82 million yen	47%
Employee participation and dispatch	110.58 million yen	28%
Voluntary programs	55.65 million yen	14%
Opening of facilities, acceptance of tours	41.47 million yen	11%

## Communication with Stakeholders

The corporate behavior of the AGC Group is based in its relations, not only with customers, but with all stakeholders, including shareholders, investors, business partners, governments, NPOs/NGOs, local communities, and employees and their families.

The AGC Group actively discloses corporate information to stakeholders in a timely and appropriate manner. To manage the prompt disclosure of information, the Timely Information Disclosure Committee holds regular meetings to deliberate and decide on the need to disclose information related to matters under discussion by the Management Committee and Board of Directors, based on disclosure rules of the stock exchange. Furthermore, the AGC Group is promoting interactive communication with stakeholders, providing various opportunities to incorporate their opinions into management plans.

### **Major Methods of Communication with Stakeholders**

#### **Customers**

- •Information dissemination with press
- Exhibition booths at trade shows
- •AGC studio showroom
- Customer centers Etc.



Holding a seminar at AGC studio

#### Shareholders and **Investors**

- Regular stockholders' meetings
- •Financial settlement briefings
- Information sessions for investors ·Facility tours
- •The newsletter for shareholders, AGC Review Etc.



Earnings presentation (Japan)

## **Customers Shareholders** and Investors **AGC** Group NPOs/ Governments Global Environment

## **Local Communities**

- Plant tours, job training
- •Employee participation in local events
- Social contribution activities Etc.



Volunteer activities (Russia)

#### NPOs/NGOs

- Periodic opinion exchanges
- ·Cooperation on individual projects



Site dialogue (Thailand)

#### **Employees and their Families**

- •The Group's in-house magazine, We
- •Information over the Intranet
- Opportunities to exchange views directly with the CEO
- Employee satisfaction surveys
- Help Lines
- ·Labor-management talks Etc.



The Group's in-house magazine, We are AGC!

## **Business Partners**

- Satisfaction surveys
- Social gatherings
- ·Dialogue through the Asahi Glass Supplier's Association Etc.



Meeting with business partners (Japan)

#### Governments

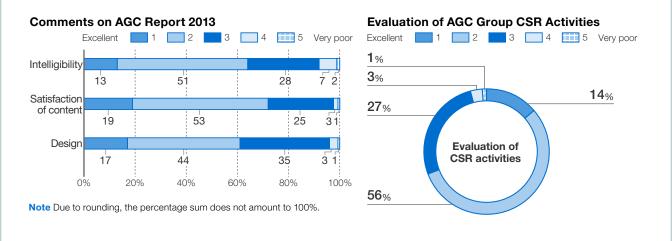
- ·Dialogue through economic organizations and industry associations
- ·Dialogue and cooperation with local governments
- Social contribution activities Etc.



Receiving the CSR-DIW Contribution Award (Thailand)

## We received feedback from the questionnaire and through our website.

The AGC Group welcomes your opinions and comments through the questionnaire included with AGC Report and on its CSR website. As of the end of April, 2014, we received 147 responses both domestically and from around the world through the questionnaire included with AGC Report 2013, and 390 opinions through the website. We take these responses into account to further improve our CSR activities, and use them in the creation of our reports and website.



## **ASAHI GLASS CO., LTD.**

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