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# **ABOUT THE REPORT**

Companies Included in the Report	Area of Operation	Locations Included in the Report
Akkök Holding A.Ş.	Management	Akhan Corporate Office
Aksa Akrilik	Chemicals/ Energy	Factory in Yalova and Akhan Corporate Office
Ak-Kim Kimya	Chemicals	Factories in Yalova and Çerkezköy, Headquarters in Maçka
Akenerji	Energy	Headquarters, Ayyıldız WPP, Akocak, Uluabat, Burç, Bulam, Feke I, Feke II, Himmetli, Gökkaya HEPP, ERZİN NGCCPP, Kemalpaşa and Bozüyük NGPP plant
Akiş REIT	Real Estate	Akbatı AVYM and Akhan Corporate Office

Becoming a signatory to the United Nations Global Compact in 2007 in accordance with its understanding of sustainable growth and social responsibility, Akkök Holding has been sharing its managerial approach, organizational structure, activities, performance results and targets with its readers through United Nations Global Compact Communications on Progress, in order to inform all its stakeholders transparently and effectively. Extending the content and scope of the report in line with the Global Reporting Initiative's G3 Reporting Guidelines, Akkök Holding has published its first comprehensive sustainability report fulfilling the requirements of application Level C, in 2012.

Akkök 2013-2014 Sustainability Report was prepared to include the aspects and related performance data that emerged as a result of the materiality study, realized with the participation of the Sustainability



In line with the two-year reporting cycle, which has begun with this report, the information included in 2013-2014 Akkök Holding Sustainability Report involves the operating cycle between January 1st, 2013 and December 31st, 2014. Within the scope of this report, sustainability practices and achieved performance results of Akkök Holding A.Ş, Aksa Akrilik, Ak-Kim Kimya, Akenerji and Akiş REIT are presented.

Committee, where all the functions of the companies were represented and of the mid and senior level managers of the companies—that are included within the scope of reporting. G4 Guidelines 'in accordance' core option and the Reporting Principles, published by the Global Reporting Initiative, were made use of in the determination of the scope and content of the report. Performance statements were prepared based on GRI G4 indicators and by taking into consideration United Nations Global Compact requirements for Communications on Progress.

In line with the two-year reporting cycle, which has begun with this report, the information included in

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bility Approach, Our Employees, Responsible Value Chain Practices, Occupational Health and Safety, Environmental Management and Our Contribution to Society".

We aim to continue the application level and scope of the sustainability reporting practice in the forthcoming period. Feedbacks and suggestions regarding the 2013-2014 Akkök Holding Sustainability Report have a great significance for our future reports. You can reach us at surdurulebilirlik@akkok.com.tr for all your feedbacks, suggestions, questions and comments.



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# **MESSAGE FROM THE CHAIRMAN**

As Akkök Holding, we have completed a period, when economic instability and geographic disarray affected Turkey, successfully with proud growth numbers. Besides adding value to national economy and employment with our high performance, we take justified pride of generating value in the society in line with the sustainable growth and social responsibility perspective which determines the roadmap for our corporate management understanding.

As a corporation operating in diverse sectors, particularly chemicals, energy and real estate, we have an important impact area in Turkey. With this responsibility, we consider it our greatest duty to create sustainable and quality living standards for future generations; we focus our works on developing products and services that are environmentally friendly in terms of production conditions and contribute to the socio-economic welfare level of the society. In accordance with our commitment to the United Nations Global Compact, we reduce the environmental footprint of our services and products; we adopt a management understanding respectful of human rights.

We are aware of the great responsibility that we have in combating climate change, which is the most significant obstacle to a sustainable future, and we continue actualizing the most appropriate practices in this field at full steam. We take into consideration all the risks brought about by climate change in all our operations

and we develop our business processes in accordance. In the reporting period of 2013-2014, we have actualized operational improvement in order to minimize the environmental impact generated by our operations.

As Akkök Holding, we continued in the reporting period to display a performance development trend in all sustainability fields, especially environment. In consequence of the works realized during the period, we have recorded improvements in the issues of efficient use of energy and natural resources in all our companies. We both continued to make use of environmentally friendly technologies and we increased our environmental performance through projects we implemented in the fields of GHG emission, water consumption, waste management, and recycling.

In accordance with our principle of corporate citizenship, we have continued our contributions to social development in the reporting period. We have become pioneers of growth and change in education, health, sports, arts & culture, and many other fields through social responsibility projects we have realized as well as activities whereby we support children, teens, and athletes, we seek solutions for social issues, and we encourage the participation of our stakeholders. We aim to continue the investment we make in our human resource and our community oriented works without slowing down in the forthcoming period.



We would like to thank all our stakeholders, especially our employees, suppliers and business partners who stood by our side throughout our journey of sustainability and contributed to the gains we have achieved; and we offer our gratitude to our customers, investor and shareholders for their trust and commitment.

Sincerely yours,

Ali Raif Dinçkök Chairman of the Board

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# **MESSAGE FROM THE CEO**

We believe in the necessity of respecting the human, nature and laws in our operations and of establishing an honest, transparent and accountable communication with our stakeholders for building a sustainable future. With our report that was prepared within the G4 reporting framework, involving the activities of Akkök Holding A.Ş., Aksa Akrilik, Ak-Kim Kimya, Akenerji and Akiş REIT from among Holding companies in the 2013-2014 period, we are glad to share with you our commitments regarding our sustainability priorities as well as our performance and targets.

In the previous term, we received very positive feedbacks regarding the sustainability management works we realized. Aksa Akrilik successfully completed TS ISO 31000 Risk Management System Confirmation Audit, thereby becoming the second institution in Turkey and the first in its sector to hold a Risk Management System Confirmation Certificate. Aksa Akrilik, whose Corporate Management Rating, calculated in consequence of the CBM Corporate Management Principles evaluation, was determined as 9.22 over 10, has therefore proved its success as a company in the field of corporate management. Right along with Aksa, our accomplished subsidiary in the real estate sector, Akis Gayrimenkul Yatırım Ortaklığı's Corporate Management Rating was determined as 9.16. The successful corporate management ratings of both Aksa Akrilik and Akis REIT come from the importance our subsidiaries give to corporate management principles, their ardor in continuous and dynamic management processes and their work in this direction.

We made a tremendous effort to minimize our environmental impact. The Project for Recycling Electronic Waste that was started in Akhan Headquarters and Akenerji Holding plants in 2012 was continued in the reporting period. We have placed the water issue at the focus of our objectives. We have achieved a reduction of 20% in our water consumption amount in 2013 as against the previous year and of 13.5% in 2014.

Water issue has been at the top of international agenda in recent years. The reasons behind the growing attention to water given by the public opinion has been the global climate change and the demand for water resulting from population growth, rapid urbanization and industrialization. In this context, we feel the responsibility and we work hard to realize important developments concerning the water issue. For instance, Ak-Kim Kimya has decided to switch to the production of perforated fiber based ultrafiltration modules that are used in waste water and sea water treatment systems, while our other companies which have production plants in Yalova, Aksa Akrilik and DowAksa have jointly started the Joint Treatment Facility Project that will ensure the treatment of all household and industrial waste waters of Aksa Akrilik, Ak-Kim Kimya and DowAksa, as well as the Ultra Filtration (UF) Reverse Osmosis technologies which would transform sea water into fresh water and recycle the effluents of treatment facility and sea water. We anticipate the Joint Treatment Facility to come into service during the first half of 2015. With the realization of these two projects, we will have generated an alternative water source against the possibility of a countrywide draught.

Another significant development of the previous period was the completion of the Egemer Project in 2014. Akenerji, which has put into use a hi-tech Natural



Gas Combined Cycle Plant, with a capacity of 904 MW, that will satisfy the increasing energy demand of Turkey in a safe, sustainable and economic way, thereby reaching a total of 1,292 MW installed power capacity, has created a major resource to meet the energy need of Turkey.

Akiş REIT, which prioritizes energy efficiency in all the stages of its projects, acquired the BREEAM (Building Research Establishment Environmental Assessment Methodology) Certificate, one of the leading green building evaluation systems worldwide, at the level of "Good" in 2013 with its Akbati AVYM & Akbati Residences project. Akiş REIT, which was also awarded the "Energy Identity Certificate" through the performance it displayed in the field of energy efficiency according to the Energy Performance Re-

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As Akkök Holding, we support the economic growth process of Turkey with our operations and we aim to contribute to the socio-cultural development of the society through our social responsibility understanding. Many culture and arts activities have been realized at Raif Dinçkök Cultural Center, put into service in 2011 in order to add value to the cultural development of the local community. In the previous period, we also continued "Akkök Children's Festival", which we

organize with the objective of supporting the personal developments of children in Yalova.

I believe that we will improve our performance regarding the targets we have put forth in accordance with our sustainability strategy. In our next sustainability report we will endeavor to provide more inclusive consolidated data that will reflect our Holding based performance. Accordingly, we trust that the Sustainability Committees which we have formed of representatives of the Companies involved in the report, will increasingly continue their target and commitment determination processes and the works they are conducting.

I present my thanks to all of our valuable stakeholders, primarily our employees, our investors, suppliers and business partners, for their trust in and support for our principles in the field of sustainability, the works we have realized, and our objectives.

Sincerely yours,

Ahmet C. Dördüncü

Chief Executive Officer

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Holding, founded by dear departed Raif Dinçkök in 1952 and ranking among the most deeply rooted institutions of Turkey with its 62 years of experience, consists of 17 trade and industrial companies, 5 of which are public, actively operating in chemicals, energy and real estate. Owning a large operation network with its 18 production plants, Akkök aims to achieve world standards with its investments in the future and its strong partners. Akkök Holding, which aims to extend its transparent and democratic corporate government understanding to all its companies and stakeholders, pioneers in the sectors where it operates through its corporate culture and principles.

Akkök



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### **Akkök Holding Holding Companies**

#### Chemicals

Aksa Akrilik Kimya Sanayii A.Ş. Ak-Kim Kimya Sanayi ve Ticaret A.Ş. DowAksa Îleri Kompozit Malzemeler Sanayi Ltd. Şti.

#### Energy

Akenerji Elektrik Üretim A.Ş (Plants: Kemalpaşa DGS, Bozuyuk DGS, Ayyıldız RES, Uluabat HES, Akocak HES)

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Akkur Enerji Üretim Ticaret ve Sanayi A.Ş. (Plants: Burc Bendi HES, Feke II HES, Feke I HES)
MEM Enerji Elektrik Üretim Sanayi ve Ticaret A.Ş. (Plants: Bulam HES, Himmetli HES, Gokkaya HES)
Egemer Elektrik Üretim A.Ş. (Plants: Erzin DGKÇS)
AKCEZ Enerji Yatırımları Sanayi ve Ticaret A.Ş. SEPAŞ Sakarya Elektrik Perakende Satış A.Ş. SEDAŞ Sakarya Elektrik Dağıtım A.Ş.

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#### Real Estate

Akiş Gayrimenkul Yatırım Ortaklığı A.Ş. Akmerkez Gayrimenkul Yatırım Ortaklığı A.Ş. SAF Gayrimenkul Yatırım Ortaklığı A.Ş Ak Turizm ve Dış Ticaret A.Ş.

#### **Textile**

Aksa Egypt Acrylic Fiber Industry S.A.E.

#### Services

Akmerkez Lokantacılık Gıda San. ve Tic. A.Ş. Ak-Pa Tekstil İhracat Pazarlama A.Ş. Aktek Bilgi İletişim Teknolojisi San. ve Tic. A.Ş. Dinkal Sigorta Acenteliği A.Ş. Akasya Çocuk Dünyası A.Ş.

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# Akkök in Figures

With more than 4.600 employees, we, as Akkök Holding, reached a combined turnover of USD 3,137 million in 2014. 414 million USD of this figure was achieved through exports to over 50 countries. As a result of the synergy created particularly in the energy industry and the activation of the renewable energy investments as well as the positive contribution of revenues from Akbatı Shopping Mall and residence sales, Akkök Holding increased its sales by 29,07% compared to 2013.



thousand TRL

Total assets: thousand TRL

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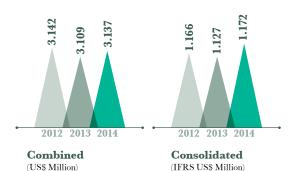
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### **Financial Indicators**

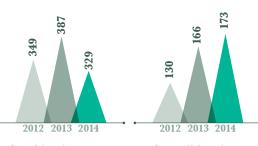
### **Net Sales**



Akkök Holding, as a result of steady success achieved by its companies that are pioneers in their sectors in focus, increased its combined net sales by 1% in US Dollar and 16% in TRL compared to 2013.

The consolidated net sales of Akkök Holding increased by 4% in US Dollar and 19% in TRL compared to 2013.

### **EBITDA**

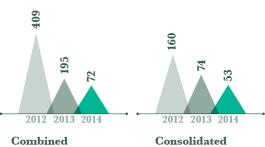


Combined<br/>(US\$ Million)Consolidated<br/>(IFRS US\$ Million)

Akkök Holding, standing out among its rivals by its sustainable financial performance, declared its combined EBITDA as US\$ 329 million.

Akkök Holding, standing out among its rivals by its sustainable financial performance, increased its EBITDA 5% in US Dollar and 20%

### **Net Profit**



Combined (US\$ Million)

Consolidated (IFRS US\$ Million)

Akkök Holding achieved 72 million US Dollar of combined net profit and 42 million US Dollar of consolidated net profit despite the fact that exchange rate designated over the long-term investment loans turned into a loss as a natural result of the depreciation of Turkish Lira and the fact that lower than expected electricity general due to drought inhibited Group expected profit level.

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# Our Contribution to Economy<sup>2</sup>

Values (Thousand TRL)	2012	2013	2014
Total Revenues	2,089,801	2,144,594	2,562,815
Gross Profit	328,951	411,791	447,580
Operating Profit	156,270	223,778	289,504
Pre-tax Profit	363,606	192,341	173,497
Taxes	76,407	50,819	56,928
Loss After Tax from Discontinued Operations	123	-	-
Net Profit	287,076	141,522	116,569
Minority Interest	147,122	134,615	113,904
Parent Interests	139,954	6,907	2,665
Total Assets	3,102,526	3,838,813	4,060,447
Total Shareholder's Equity	1,822,989	2,120,752	2,031,979
Equity of Parent	969,367	1,191,237	1,023,316
Total Shareholder's Equity	1,822,989	2,120,752	2,031,979

<sup>&</sup>lt;sup>2</sup> Financial indicators of the year 2012 figuring in the 2012 Akkök Holding Sustainability Report (Total Revenues, Gross Profit, Operating Profit, Pre-tax Profit, Taxes, Net Profit, Minority Interests, Parent Interests, Total Assets, and Total Equity) were reorganized according to TMS (Turkish Accounting Standards).

Note: Figures are obtained from consolidated financial statements of Akkök Sanayi Yatırım ve Geliştirme A.Ş. as of the related financial year-ends, namely 31 December 2013 and 2014.

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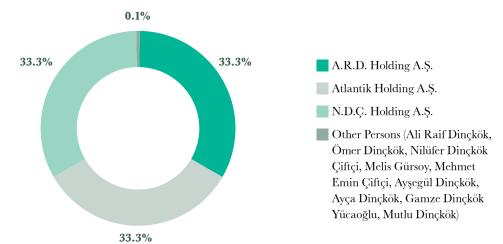
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# Corporate Governance At Akkök Holding

As of 2014, 33.3% of Akkök Holding A.Ş. shares belong to A.R.D. Holding A.Ş., 33.3% to Atlantik Holding A.Ş., and 33.3% to N.D.Ç Holding A.Ş. The capital of Akkök Holding A.Ş. was 13,097,521 TL in 2013 and it was increased to 613,097,521 TL by 04.12.2013. A part of the capital paid in 2014, worth 149,999,995.01 TL, was returned to the partners. The amount of paid capital as of the year 2014 is 388,097,524.63 TL. In the year 2014 there were no alterations in the capital structure.



Name	Role
Ali Raif Dinçkök	Chairman of the Board
Nilüfer Dinçkök Çiftçi	Vice-Chairman of the Board
Ahmet Cemal Dördüncü	Board Member and Chairman of the Executive Committee
Raif Ali Dinçkök	Board Member and Executive Committee Member
Alize Dinçkök Eyüboğlu	Board Member
Mehmet Emin Çiftçi	Board Member
Mehmet Ali Berkman	Board Member and Executive Committee Advisor
Erdoğan Moroğlu	Board Member
Melis Gürsoy	Board Member
Mustafa Yılmaz*	Board Member

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<sup>\*</sup>Mustafa Yılmaz left his board membership on May 23, 2014.

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# **Akkök Holding Group of Companies**

The corporate profiles of Akkök Holding companies included in the report are as follows:

#### Aksa Akrilik

Aksa Akrilik, which has an installed daily production capacity reaching 308,000 ton/year, is the only local acrylic fiber producer of Turkey and the 38th largest industrial corporation in Turkey, according to the results of the "Turkey's 500 Largest Industrial Corporations" 2013 survey conducted by Istanbul Chamber of Industry (ISO), with a 72% domestic market share. As of the year 2014, Aksa Akrilik meets 16% of the world acrylic demand as the largest acrylic fiber producer in the world, it serves the textile and industrial textile industries of more than 50 countries on 5 continents. Aksa Akrilik, operating in the basic production items of acrylic based tow, tops and fiber, also realizes electricity and steam generation. The company, which produces

Aksa Akrilik, who creates its own technology and makes a principle of this, has been producing carbon fiber built 100% by Turkish engineers under the roof of DowAksa Advanced Composite Materials Industry, which was established in equal partnership with The Dow Chemical Company, since 2012.

its own energy, has a 142.5 MW capacity energy production license and it has put into use the second phase of the energy plant project that will generate 100 MW of electricity and 350 ton/hour of steam, in the year 2013.

Aksa Akrilik, who creates its own technology and makes a principle of this, has been producing carbon fiber built 100% by Turkish engineers under the roof of DowAksa Advanced Composite Materials Industry, which was established in equal partnership with The Dow Chemical Company, since 2012. The product portfolio of the company serves different groups of industry, especially textile, metal, food, cleaning, water treatment, corrosion and cortex prevention, paper industry, drug and construction. In accordance with its modernization, efficiency and operational excellence strategies, Aksa Akrilik took over Ak-Tops, which it owned 100%, with all its operations, thereby finalizing integration works in 2013. Aksa Akrilik aims through this merger to further strengthen its position in the sector as the world's largest acrylic fiber producer. Aksa Akrilik takes part in the Turquality Project, the first and only state subsidized branding program in the world, conducted by the Ministry of Economy with the vision of "creating 10 world brands in 10 years".

### **Ak-Kim Kimya**

Ak-Kim Kimya, which produces inorganic, organic chemicals and textile auxiliary products as well as paper, concrete and construction chemicals in its plants in Yalova and Çerkezköy, provides raw materials for many sectors, primarily textile, metal, food, cleaning, water treatment, paper and drug, with its wide

product portfolio. The production of over 500 different chemicals, including materials which require advanced technology and are crucial for local industry such as sodium metabisulphite, ammonium persulphate, potassium persulphate, dimethylacetamide, hydrogen peroxide, sodium percarbonate, is realized at Ak-Kim Kimya factories which have a production capacity of 600 thousand tons at international standards. Ak-Kim Kimya accomplished a Betaine production facility with a capacity of 15,000 tons in the year 2014.

Ak-Kim Kimya, which has domestic and overseas market shares ranging from 30% to 100%, makes sales in all domestic regions with its 24 dealers. Ak-Kim Kimya, which exports to over 55 countries on 5 continents, realizes more than half of its export volume to EU countries and the remaining to countries such as Pakistan, Israel, USA, Canada and Korea. Besides its production activities, Ak-Kim Kimya has been making know-how and technology sales since 2012 and providing engineering works and turnkey commitment services in this scope. Ak-Kim Kimya has bought the water treatment chemicals part of Dostel Group within the body of Akferal which it has established jointly with Feralco. Among the most significant investments made by Ak-Kim Kimya in 2014 was the purchase of the company Gizem Frit, one of the largest enamel and ceramic frit producers in the world. Through this investment, Ak-Kim Kimya has added enamel and ceramic frit to its product portfolio, strengthening its leading position in the market.

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### Akenerji

Akenerji, which was founded under the status of autoproducer group in 1989 and has been operating under the status of private generation company status since 2005, is one of the largest private sector electricity companies in Turkey with its installed power of 1292 MW. Akenerji concentrates on production investments based on renewable energy resources with the aim of achieving resource diversity in production. Its installed renewable energy power constitutes 30% of its total installed power. The production areas of Akenerji consist of electric energy production and sales, import, export and wholesale trade, retail sales and distribution, steam production and sales, natural gas import, export and wholesale trade and operation and maintenance consultation services. Akenerji, which makes sales in the 2 main segments of industry and business domestically, has ventured into the world market in the year 2011 and started transfrontier energy trade through the European interconnected system.

Akenerji has deactivated Kemalpasa and Bozuyuk Natural Gas Plants in 2013 and invested in the high efficiency, environmentally friendly and cutting edge Erzin Natural Gas Combined Cycle Plant with a capacity of 904 MW instead. With the implementation of this plant, Akenerji reached a position where it can meet a large part of Turkey's energy need on its own. Akenerji continues the works for Kemah Dam and Hydroelectric Power Plant project with a capacity of 198 MW, located in the Kemah district of Erzincan. As of 2014 yearend, there are 8 Hydroelectric Power Plants (HEPP), 1 Wind Power Plant (WPP) and 1 Natural Gas Combined Cycle Power Plant (NGCCPP) operating within the body of Akenerji.

# **AKİŞ REIT**

Akiş Gayrimenkul Yatırımı A.Ş, Akkök Holding's company in the real estate sector, was founded in 2005. Akiş REIT, which has realized significant projects since its establishment, provides an opportunity

for investors to invest in different fields of real estate through its wide and rich portfolio structure involving shopping malls, housing, land, factory buildings. Akiş REIT has achieved important successes in the sector by realizing the projects Akbatı Residences & Akbatı Shopping Mall and Akbatı Beyaz Kule (White Tower) as well as Akkoza and Akasya Acibadem projects through its subsidiaries. In the year 2012, Ak-Al, an Akkök Holding company, was transferred and two companies were merged. All of the shares of Akiş REIT, which started being traded at Istanbul Stock Exchange in 2013, belonging to Akfil Holding and Garanti Koza Akiş Ordinary Partnership have been sold. In the same year, Akiş REIT made real estate purchases on Bağdat Avenue, one of the prized avenues in Istanbul, in order to expand its commercial real estate portfolio thereby entering the high street retail sector. The company is successfully managing Akbati Shopping Mall, as well as Akasya Acibadem project that was developed by SAF REIT of which Akis REIT holds a 6.56% share.

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# Akenerji Kemalpaşa (NGPP) is granted Second Prize in the category of "Environment Award",

Third Prize in the category of "Corporate Social Responsibility Award" at 2013 Aegean Region Chamber of Industry (EBSO) Awards.

**Awards Won During the Reporting Period** 

Akiş REIT Akbatı Shopping Mall is awarded **Platinum Award** in the category of "Social Relations" at 2013 Hermes Creative Awards.

Akiş REIT Akbatı Shopping Mall is granted **3 Bronze Awards** in the categories of "Communication/Public Relations Campaign of the Year – Social Media Oriented – Europe" and "Communication/Public Relations Campaign of the Year – Mass Communication - Europe" at 2013 Stevie Awards.

Akiş REIT Akbatı Shopping Mall is awarded **First Prize** in the category of "Retail" at 2013 Cityscape Awards for Emerging Markets.

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Akiş REIT Akbatı Shopping Mall is granted 3
Platinum Awards in the categories of "Social
Relations/Public Relations/Special Activity," "Social
Relations/Public Relations," and "Social Relations/
Public Relations/Corporate Social Responsibility",
Golden Award in the category of "Social Relations/
Public Relations/Special Activity" and Honors Award
in the category of "Social Relations/Public Relations/
Social Media Campaign" at 2013 Marcom Awards.

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Akiş REIT Akbatı Shopping Mall is awarded **Platinum Award** in the categories of "Special Activity" and "Public Relations" at 2014 Hermes Creative Awards.

Akiş REIT Akbatı Shopping Mall is granted **Bronze Award** in the category of "Communication/Public
Relations Campaign of the Year – Reputation/
Brand Management" and **2 Bronze Awards** in
the category of "Communication/Public Relations
Campaign of the Year – Event & Reputation/
Brand Management at 2014 Stevie Awards.

Akiş REIT Akbatı Shopping Mall is granted 3 **Platinum Awards** in the categories of "Public Relations Program," "Communication Program", Honorable Mention in the categories of "Social Responsibility," "Social Media Campaign," and "Communication", Golden Award in the category of "Special Activity" at 2014 Marcom Awards.

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Akiş REIT Akbatı Shopping Mall is awarded in the category of "Public Relations" at 2014 IPRA Golden Awards.

Akiş REIT Akbatı Shopping Mall & Residences have been certified as "Good" according to BREEAM (Building Research Establishment Environmental Assessment Methodology), the leading sustainability assessment method.

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An improvement oriented working culture, an outstanding ethical and corporate governance understanding, an effective risk and internal audit management and a responsible sustainability approach lie at the basis of the success Akkök Holding demonstrates in all its sectors of operation.



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# **OUR CORPORATE GOVERNANCE STRUCTURE**

An improvement oriented working culture, an outstanding ethical and corporate governance understanding, an effective risk and internal audit management and a responsible sustainability approach lie at the basis of the success Akkök Holding demonstrates in all its sectors of operation.

The governance structure of Akkök Holding consists of a system where there is a Board of Directors and an Executive Board. Akkök Holding Board of Directors is comprised of a total of 10 members. Taking action in the name of the company and representing the company is the responsibility of the Board of Directors. The Chairman of the Board of Directors does not have an executive function. Women constitute 30% of the members of the Board of Directors. Under the Board of Directors is the Executive Board, which is comprised of 5 members including the Executive Board Counselor. The Head of the Executive Board is the CEO of the Company and is responsible for all the executive actions of Akkök Holding before the Board of Directors. The Company has determined its senior

Ethics Principles" guiding all stakeholder relations including employees, partners, suppliers, customers, and dealers were identified and published. Akkök Group of Companies Ethics Board Working Regulations and Ethics Board were formed and company ethics members were elected. Akkök Group of Companies Business Ethics

Thanks to its exemplary corporate governance practices, the Corporate Governance Rating Point of Akiş REIT was determined by an independent evaluation institution as 9.16, and that of Aksa Akrilik as 9.22.

week and is operated by an expert independent institution. The credentials of the notifiers are kept secret, they are only shared with the Ethics Board by the permission of the individual. Akkök Holding pledges not to take action against persons notifying infringements. Akkök Holding identifies the extension of the "Akkök Holding Business Ethics Principles across all of its companies as its primary target for 2015.

#### **Internal Audit and Internal Control**

At Akkök Holding, the existing internal control system, especially the issues of increasing the efficiency of operations, ensuring financial reliability, compliance with laws and regulations, is dealt with by the Internal Audit Group within the frame of the annual internal audit plan. The Internal Audit team works together with independent auditors, where necessary, within the scope of auditing activities and realizes joint process audits.

Responsibility

Honesty

**Trust and Equity** 

Confidentiality

**Legal Compliance** 

level staff as members of the Executive Board, Board of Directors and Company Directors.

### Akkök Holding Ethical Approach

Akkök Holding acts with the principles of responsibility, honesty, trust and equality, confidentiality and legal compliance as well as the awareness of responsibility in all business processes and relations. With regards to business ethics rules, the "Akkök Group of Companies Business

Principles were announced to all employees, training programs were organized aiming at its application and at ensuring awareness.

Akkök Holding stakeholders can get in touch with the Human Resources Department and the company's Ethics Member with regards to Akkök Group of Companies Business Ethics Principles. Violation notifications are communicated through Akkök Companies Ethics Line so as to ensure confidentiality on the part of the employees. Akkök Companies Ethics Line works every day of the

Akkök Holding regards opposing bribery and corruption as its primary responsibility before the society. The issue is dealt within a systematic approach as part of internal audits and controls, training and communication works against risks of corruption are organized. In this regard, 50 senior management employees and a total of 2,085 employees were informed, 42 senior executives and a total of 284 employees received training.

During the reporting period, there were no cases of corruption or bribery.

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# Risk Management

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Akkök Holding defines the effective management of risks as a requirement of "sustainable growth" and approaches risk management within the framework of the mission of "creating value for stakeholders". At Akkök Holding risk management is the common responsibility of all employees starting with the senior management and it is owned by managers responsible for the related operation under the supervision of Boards of Directors and Committees for the Early Identification of Risks which report to them.

While the corporate risk management program is focused on the early identification of risks that might endanger the existence, development or continuation of the company and the implementation of the necessary measures related to the identified risks, it is also integrated into main

> processes such as strategic planning, business planning, management of operations, and decisions of investment in order to ensure that risks are properly considered in decision making processes.

At Akkök Holding, probable risks are classified as strategic, operational, financial, legal compliance and reputational risks. Risk evaluation studies are revised at least once a year for every single risk in the risk inventory and for critical, high and very high risks every reporting period in minimum, and their action status are updated.

Aksa Committee for the Early Identification of Risks convenes at least once a year to revise risk management systems and make suggestions to the Board of Directors. As a result of legal compliance works re-

garding "Corporate Risk Management" conducted since the year 2012. Aksa Akrilik has successfully completed the "TS ISO 31000 Risk Management **System Confirmation** Audit" realized by the Turkish Standards Institute (TSE) and became the second institution in Turkey, and the first in its sector to hold a "Risk Management

System Verification Certificate". Akenerji has formed the Risk Management Unit in order to identify and evaluate risks and opportunities that might impact corporate objectives and to take effective action. Works for the establishment of necessary systems, in order to ensure the identification, evaluation and management of the risks and opportunities that might affect Company objectives within the framework of policies determined

by the Board of Directors, and for taking action

and monitoring are conducted within the scope of Risk Management. The Corporate Risk Management (CRM) project started in the year 2012 was completed in June 2013; a corporation wide risk inventory was formed, roles and responsibilities in the CRM process were identified, regular reporting and tracking works were commenced. The Committee for the Early Identification of Risks, established in 2013, reports to the Board of Directors bimonthly.

**Ak-Kim Kimya** has designed the Corporate Risk Management process for the management of risks that either incur or might incur during its operations. It is aimed for the risks to be managed systematically with the help of this process. Corporate risk management is aimed at the identification and measurement of risks and ensuring that the most appropriate answers are provided to the identified risks. Identified risks and the actions determined for the management of risks are monitored and executed both on strategic and tactical levels.

There is a Committee for the Early Identification of Risk reporting to the Board of Directors at Akiş REIT. The committee meets every two months and provides recommendations and suggestions to the Board of Directors regarding the issues of early identification and evaluation of all kinds of risks that might affect the Company, calculation and reporting

of impact and probabilities, implementation of necessary measures, structuring and integration of related internal



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Our Sustainability Approach

Akkök
Holding regards
sustainability as
a business manner
within the context of
its strategies. Supporting
this understanding through
corporate management practices,
it conducts its operational activities
in accordance. Holding employees
are informed in matters related to
sustainability, thereby providing an
opportunity to approach business processes from
different points of view.

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# **OUR SUSTAINABILITY APPROACH**

Akkök Holding regards sustainability as a business model within the context of its strategies. Supporting this understanding through corporate management practices, it conducts its operational activities in this regard. Holding employees are informed in matters related to sustainability, thereby providing an opportunity to approach business processes from different points of view.



Our Sustainability Strategy

As one of Turkey's most deeply rooted industrial groups, we make long termed and future-oriented investments.

We look out for the benefit of the environment, society, and national economy in our investments and activities.

We work to ensure that our products create added value and are innovative and environmentally friendly.

We adopt a responsible, ethical and transparent management and business behavior.

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Akkök Holding integrates its sustainability approach with corporate policies, strategies and practices; it ensures that practices are more efficient and sustainable by making use of national and international management standards.

In accordance with the objective of making sustainability the basis of business processes, suggestions provided by Akkök Holding employees are evaluated, trainings and various projects devoted to related processes are actualized.

Akkök Holding aims to be among the pioneers in the field of sustainability. Within the context of the Global Compact, of which it became a signatory in accordance with this objective, it informs its stakeholders regarding its performance in the field of sustainability in a transparent and accountable manner.

During the reporting period, in order to evaluate its sustainability performance, Akkök Holding has formed committees in main sustainability areas and evaluated its material aspects. In the studies conducted by Human Resources, Environment, Occupational Health and Safety, Supply Chain and Corporate Communication committees, material aspects were determined as a result of the evaluations of sustainability management topics. The evaluation of material aspects was reconsidered on the basis of committees, current situation assessments were made for identified issues, and workshops were conducted to determine sustainability objectives in accordance with strategic targets.

In consequence of these studies, material aspects for Akkök Holding and its value chain were determined.

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# Material Aspects for Akkök Holding

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OUR SUSTA	INABILITY A	APPRUAUH

Pioneering Corporate Management Practices\*

Increasing Awareness Regarding Business Ethics Principles

#### **OUR EMPLOYEES**

Employee Engagement

Learning and Development

Organizational Development

Total Award Management

Communication with Employees

Work-Life Balance

#### SOCIETY

Relations with Public Institutions\*

Relations with the Local Community in our Operational Region\*

#### **ENVIRONMENT**

Legal Compliance\*

Energy Management

Water Management

Efficient Use of Raw Material

Reduction of Carbon Emissions

#### RESPONSIBILITY IN THE SUPPLY CHAIN

Ensuring Customer Satisfaction \*

#### OHS

Legal Compliance\*

Improvement of the Working Environment

Employee Health

**Emergency Situation Management** 

Safety and Security of the Site of Action

Ensuring Constant Improvement in Basic OHS Indicators

Occupational Health and Safety Practices in the Supply Chain\*

<sup>\*</sup>Material also in our value chain.

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### **Our Stakeholders**

Akkök Holding believes that it is only possible to further its sustainability performance and to offer it to stakeholders' views in a transparent and accountable manner through stakeholder feedbacks. For this reason we ensure that our sustainability performance is evaluated according to the priorities of stakeholders by getting together with stakeholders, who either impact or are impacted by Holding operations on a primary level, on different platforms at changing intervals. Feedbacks acquired in this way are shared with the senior management by way of relevant notification mechanisms and the related projects and practices are actualized in accordance with their applicability.

Akkök Holding also attains stakeholder expectations and feedbacks through Associations and various initiatives of which it is a member. Among the institutions of which Akkök Holding is a member are Private Sector Volunteers' Association (ÖSGD), Turkish Industrialists' and Businessmen's Association (TÜSİAD), Corporate Governance Association of Turkey, Istanbul Chamber of Commerce (İTO), Corporate Risk Management Association, The Institute of Internal Auditing – Turkey, Business World and Sustainable Development Association, and Ethics & Reputation Society.

Our Stakeholders	Communication Platforms
Employees	Employee Engagement Survey, Internal Communication Works, Suggestion Systems, Trainings and Development Program, Awards, Performance Evaluation and Feedback Meetings, Open Door Practices, Announcements, Intranet, E-Bulletins
Customers	Customer Satisfaction Survey, Customer Visits, Customer Services, Campaigns, Information and Project Works, Researches, PR Activities, Press Bulletins, Advertisement, Corporate Website, Social Media, Annual and Sustainability Reports
Investors/Shareholders	Ordinary Meetings of the General Assembly, Investor Meetings, Reports, Corporate Website, Material Disclosures
Suppliers	Supplier Evaluations, Visits, Audits, Trainings, Fairs and Seminars, Corporate Website
Regulatory Public Institutions	Regulatory Commissions, Reports, Audits, Trainings, Official Visits
Civil Society Organizations	Joint Projects, Annual and Sustainability Reports, Announcements, Researches, Focus Group Studies, Corporate Memberships, Corporate Website
Local Community and Local Administration	Communication Meetings, Projects, Information Works, Open Door Practices, Facility Tours, Surveys, Social Responsibility Projects, Infrastructural Investments, Corporate Website
Universities	Career Days, Seminars and Trainings, Joint Projects
Press	Press Bulletins, Press Meetings, Exclusive Interviews, Reports, Visits, E-Bulletins, Social Responsibility Projects, Corporate Website
Society	Social Responsibility Projects, Open Door Practices, News Bulletins, Corporate Website, Facility Tours

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Our Employees We believe that our employees are our most valuable capital; in line with our corporate objectives we endeavor to create a healthy, safe, and democratic working environment respectful of human rights in all Akkök Holding companies. We transform the human resources policies and strategies formed on the level of Holding into effective practices on the level of companies, we strive to make our companies attractive workplaces for current and potential environments.

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## **OUR EMPLOYEES**

We believe that our employees are our most valuable capital; in line with our corporate objectives we endeavor to create a healthy, safe, and democratic working environment respectful of human rights in all Akkök Holding companies. We transform the human resources policies and strategies formed on the level of Holding into effective practices on the level of companies, we strive to make our companies attractive workplaces for current and potential environments.

We aim to establish a participatory and human oriented culture through the practices we actualize in order to disseminate our corporate citizenship awareness throughout all our companies and value chain. We offer our employees fair and nondiscriminatory working environments based on personal and professional development through trainings we offer, equitable wage management, recruitment processes that bring together the right job with the right person, active performance evaluation and talent management practices, and communication/participation channels.

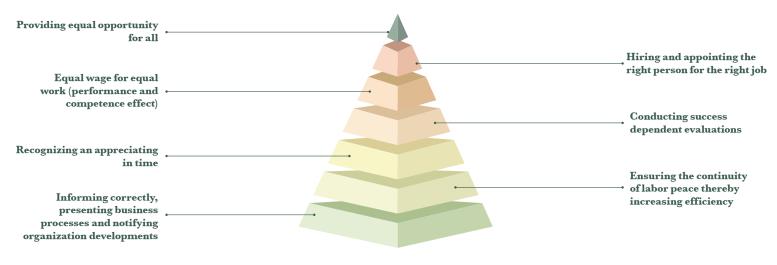
### **Our Human Resources Policy**

The Human Resources Policy is an important support point that directs all the operational processes and objectives of Akkök Holding. Our Human Resources Policy based on "knowledge and human" constitutes the basis for practices starting with recruitment processes and affecting employees throughout their working lives. At Akkök Holding, creating a working environment for employees where they can be more efficient and happy as well as ensuring mutual trust and engagement underlie our Human Resources Policy.

In 2004, Akkök Human Resources is renewed with the emphasis on "creating sustainable value" and Akkök Holding's objective to create a work place where employee engagement is sustained, is supported by effective strategies. In line with the importance Akkök Holding gives to employee engagement, trust based strategies are adopted. In 2014, Great Place to Work work place research method is adopted to be applied in all Akkök Holding companies. In addition to this, in 2014 Akkök Holding has developed Akkök Internal Job Posting Sys-

tem to be applied in 2015 in order to increase employee engagement, to furnish an occasion for their career development and to maintain talented human resource within Akkök Holding. In an effort to support continuous development, Akkök Holding also conducts Manager Development, coaching and mentorship programs.

Akkök Holding considers the implementation of its activities by respecting basic human rights to be among its significant priorities. As stated in the Human Resources Policy, the principle of providing equal opportunities for everyone is adopted and with the awareness of the importance of treating all employees equally, there is no discrimination based on religion, language, race or gender. There is no bottom wage policy discriminating on the basis of gender at Akkök Holding companies included in the report. Full compliance is ensured with the relevant laws and regulations in the issues of equality of opportunity, prevention of compulsory/forcible/ child labor as well as issues indicated in the labor legislation. In this context, there were no complaints communicated to Akkök Holding regarding discrimination during the reporting period.



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GRI G4 CONTENT INDEX There is no minimum wage policy discriminating on the basis of gender at Akkök Holding companies. The companies make use of remuneration models whose validity and reliability have been proved worldwide. These models are objective, transparent, reflecting of the actualities of national and international business world, relying on the principles of equity and fairness and they take remuneration according to the job done as basis.

With the Permanent Contract, employees benefit from social rights, vested benefits, private health insurance, premiums, etc. that are issued in Akkök Holding companies. Besides, rights or benefits pertaining to working conditions involve all employees. The rights of employees with Fixed Term Contracts have been specified in their employment contracts. Also Personnel Regulations contains provisions and practices inclusive of all employees regardless of contract types.

The employee demographic information for Akkök Holding companies included in the report during the years 2013-2014 is as follows:

#### **Employee Breakdown by Contract Type**

	2013	2014
Female employees working with a permanent employment contract	295	314
Male employees working with a permanent employment contract	1,426	1,723
Female employees working with a temporary employment contract	3	2
Male employees working with a temporary employment contract	30	27

#### **Employee Breakdown by Employment Type**

	2013	2014
Total number of full time female employees	297	315
Total number of full time male employees	1,455	1,748
Total number of part time female employees	1	1
Total number of part time male employees	1	2

### **Employee Breakdown by Status**

	2013	2014
Total number of blue collar female employees	62	76
Total number of blue collar male employees	1,083	1,369
Total number of white collar female employees	236	240
Total number of white collar male employees	373	381

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### Employee Breakdown by Employment Type

	2013	2014
Total number of directly employed female employees	246	268
Total number of directly employed male employees	1,253	1,563

### Contractor Employee Breakdown by Gender

	2013	2014
Total number of contractor female employees	94	60
Total number of contractor male employees	2,883	996

### Employee Breakdown by Age Group

	18-30	31-40	41-50	51-60	61 and over
2013	590	756	318	75	15
2014	667	935	367	83	13

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#### Mid-Level & Senior Management and Boards of Directors Demographic Indicators

	Mid-Level Management		Senior Management		<b>Board of Directors</b>	
	2013	2014	2013	2014	2013	2014
Male	111	110	22	22	33	33
Female	43	44	10	10	8	8
18-30 years	6	6	0	0	1	1
31-40 years	84	90	5	6	4	4
41-50 years	33	35	17	18	11	11
51-60 years	29	23	6	11	11	11
61 years and over	2	0	4	3	13	17
Turkish Citizens	154	154	26	31	27	30
Foreigners	0	0	0	0	6	6

### Newly Recruited and Quitting Employees by Age Group and Gender

	2013	2014
Number of newly recruited employees under 30 years	206	258
Number of newly recruited employees between 30-50 years (excluding 30 and 50)	117	263
Number of newly recruited employees over 50 years	10	18
Number of newly recruited female employees	44	87
Number of newly recruited male employees	290	452
Number of quitting employees under 30 years	50	96
Number of quitting employees between 30-50 years (excluding 30 and 50) $$	82	103
Number of quitting employees over 50 years	22	30
Number of quitting female employees	29	52
Number of quitting male employees	125	177

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# **Learning and Development**

Akkök Holding provides its employees with training opportunities during their working life, aiming for them to be more productive and competent.

During the reporting period, trainings were offered within the body of the companies included in the report under the headings of Managing Today's Business, Visionary Dialogues, One on One Coaching Program, Generations Combined, Active Performance Management and Feedback, Business Ethics Principles Training, Market Orientation, Executive Development Program, Akkök Orientation Program, and Akkök Mentorship Program.

In 2014 "Mozaik", the integrated human resources training and development module, was put into practice. With this module, the human resources processes executed in all Akkök Holding companies were structured as to be united under a single roof. Talent Management and 360 Degrees Feedback processes, realized at the end of 2013, were managed through this structure.

At Aksa Akrilik, mid-level managers' leadership and

technical skill were enhanced with the Manager Development Program that consists of Strategic Management, Corporate Performance Management, Change Management, Group Coaching on Action Plans, Influence and Persuasion, Leadership, Coaching and Business Management Simulation for Teams with High Performance. Also for managers, training programs including Generations Combined, Techniques of Interview Based on Competence, Management Guidelines for Leaders and for all the managers, 3 day-long "Smart Team Work" coaching program was organized which included practice and active participation and focused on "Collaboration and Team Work." For employees working as specialists or for higher positions, trainings such as Finance for Non-Financiers, Effective Presentation Techniques, Process Engineering and Project Management, Emotional Intelligence and Effective Communication, Time and Stress Management, Excel, Energy Management System, Lean Six Sigma Training and Team Work and Project Management Certificate Program were carried out. Through Aksa School, program created to ensure the personal, professional and

career development of operational level employees, a month long training, consisting of factory field visits led by 20 internal instructors were held. In addition to orientation programs and on-the job trainings, for operational level employees, Advanced Safe Driving Techniques, Ball Bearing, Forklift, TPM, Essential First Aid Training were held.

**Ak-Kim Kimya** has organized "Team Work, Cooperation and Communication Training" for all employees in order to strengthen team work and communication, in 2013. Also in the same period, "Optimum Balance Model Training" for Executives, "Active Listening and Providing Feedback" and "Directing Performance to Success" trainings for Directors, Department and Unit Managers were organized. In 2014, Optimum Balance Model Trainings were continued.

Akiş REIT employees participated in business ethics and occupational health and safety trainings and executives in mentorship program and sectoral conferences and fairs in the reporting period. Beside Akiş REIT has provided its employees with trainings under the headings of Rental Law, Leader and Active Performance, Office Ergonomics and Health, Advanced Safe Driving Techniques, Efficiency Techniques in B2B Sales, Dealing with Difficult People and Stress, Crisis Management, Time Management, in the 2013-2014 period.

Akenerji has provided its employees with technical trainings, quality - environment - OHS trainings, as well as training opportunities on the issues of Planning and Organization, Effective Communication, Personal Impression and Persuasion, in the reporting period. A total of 110 employees in all fields of Akenerji, who started providing its employees with trainings concerning Ethical Principles in 2014, have participated in these trainings. In addition, employees wishing to continue their academic educations are given a discount for doctorate, graduate or certificate programs at Bahçeşehir University, within the context of an agreement made.



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#### Trainings Provided to Employees in the Reporting Period:

	2013	2014
Total number of blue collar employees receiving training	1,167	1,449
Total number of white collar employees receiving training	554	585
Total number of female employees receiving training	270	291
Total number of male employees receiving training	1,451	1,743
Total trainings hours provided to blue collar employees	24,763	45,188
Total trainings hours provided to white collar employees	23,978	32,488
Total trainings hours provided to female employees	15,035	12,697
Total trainings hours provided to male employees	33,705	64,979

# **Organizational Development**

As part of the Talent Management Process implemented all across Akkök Holding, employees' potentials are evaluated and received in the Talent Pool. With the related practices, it is aimed for identifying human resources requirements in accordance with strategic plans, early determination of potential employees having the qualities that will meet these requirements primarily within the group, and providing the necessary professional knowledge, skills and development opportunities.

As part of Career Planning and Talent Management processes, integral and systematic practices such as Evaluation Center Practices, Leadership Potential Inventory, Personality Inventory, 360 Degrees Evaluation, etc., coordinated as to involve Akkök Holding companies with the objective of raising the leaders that will carry us into the future, are implemented. In consequence of the specified practices, Personal Development Plans are formed for employees included within the program and plan realizations are tracked.



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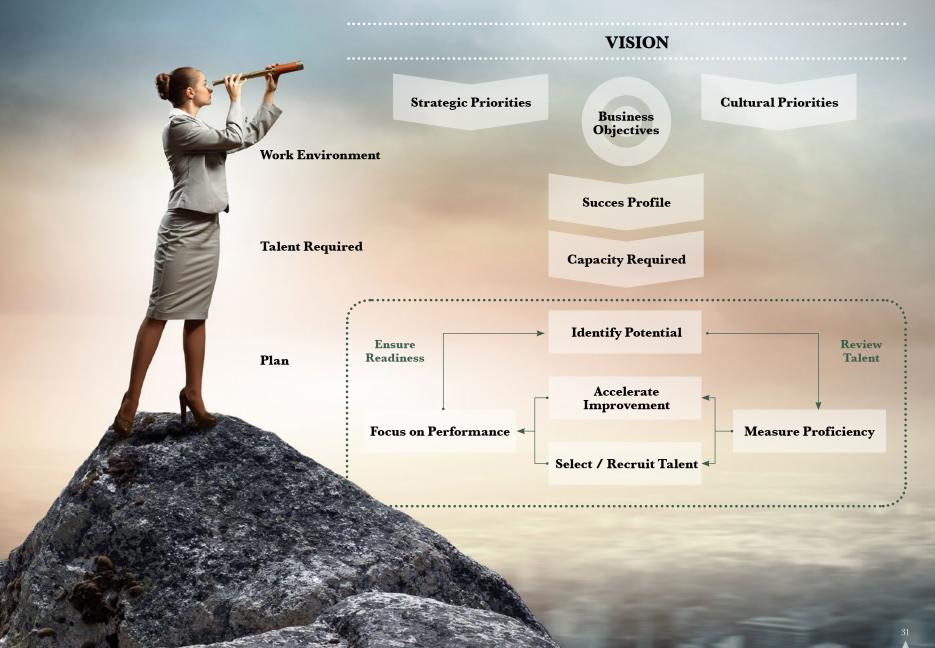
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# Talent Management Approach



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GRI G4 CONTENT INDEX Akkök Holding's Recent Graduate recruitment process designed for youth recently graduated from university with 0-3 years of experience is implemented in accordance with the vision of "winning over, rapidly developing and retaining competent leaders and employees that the organization needs and who will realize future strategies". In this process, candidates who undergo a mental skills test, personality inventory and English examination are accepted in the evaluation center practice and those candidates who are evaluated favorably are offered a position by the companies.

With the awareness that organization development is possible through the constant development of employee performances, Akkök Holding attaches great importance to practices aiming at developing the performances of employees. Akkök Holding Performance Management System aims at corporate objectives to be adopted by employees, strengthening the common corporate culture thereby directing employees to high performance and serving sustainability.

The outputs of Performance Management processes are taken into consideration in remuneration, training and development planning and talent management processes. An annual performance evaluation is regularly performed at Holding companies implementing the performance management system.

	2013	2014
Total number of blue collar employees subjected to performance and career development evaluation	790	1,057
Total number of white collar employees subjected to performance and career development evaluation	398	415
Total number of female employees subjected to performance and career development evaluation	196	209
Total number of male employees subjected to performance and career development evaluation	992	1,263

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### **Total Award Management**

There is an annual incentive premium system practice across all Akkök Holding companies. In this system which is based on performance and has a defined policy, corporate and individual target realization is taken into consideration.

At **Akiş REIT**, the incentive premium practice is awarded to employees coming to the fore with their performance, except for the senior management. Employees deserving an award are determined by taking the opinion of every department manager.

Apart from the premium system implemented at **Akenerji**, those who suggest proposals that might contribute within the scope of "We Are Energy" Individual Suggestion System are symbolically awarded.

At **Aksa Akrilik**, as part of Total Award Management, there are practices such as Performance-Based Material Rewards, Manager of the Year chosed by the members of the Representative Committee, Most Active Health & Safety Responsible of the Year, Exemplary Employee Award, Seniority Plaque (Rosette-Shield-Silver Plate Award), Education Volunteers Award (Name Specific Aksa Pen) and Invention Award as an indication of the value assigned to innovation and intellectual capital.

At **Ak-Kim Kimya**, there are practices such as Seniority Package, Retirement Plaque, Suggestion Award, Invention Award, Success Award, Instant Rewarding, Exemplary OHS Employee, Exemplary OHS Group as part of rewarding systems and practices implemented.

# **Employee Communication**

With the awareness that the key to constant development lies within the ideas of employees, Akkök Holding comes together with employees in various media in order to receive their feedbacks. Meetings within the scope of periodic informing and internal communication works performed as part of the intranet practice are used to provide Akkök Holding employees with updated corporate and industrial information.

Alongside internal communication works, Akkök Holding actualizes diverse practices to determine employee engagement. In the reporting period, a project aiming for employee engagement was started across the Holding and a project team consisting of employees working in different functions of Holding companies was formed. Project resulted in a decision that determined 'Trust Index' as the measurment and evaluation method of employee engagement for Akkök Holding, which will be implemented in the forthcoming period.

There are practices such as Weekly Meetings, My Social Activity Club, Target Determination and Dissemination Workgroup, Feedback Meetings, Personal Development Planning Meetings, within the body of **Akiş REIT** whereby an active communication with employees is ensured.

At **Aksa Akrilik**, Representative Committee, Open Door Practice, acquaintance cocktail organized by the invitation of the General Manager for newly recruited expert and higher personnel, and feast celebrations are practices that ensure the communication of employees with the senior management.

**Akenerji** organizes various communication services and activities within the corporation with the aim of increasing the creativity, motivation and productivity of its employees and encouraging their participation in the management of the company. Among these activities are annual target determination and performance evaluation meetings, Open Door practice, information meetings, employee dinners, special occasion celebrations such as women's day and mothers' day.

### **Suggestion Systems**

At Akkök Holding, the most important practice whereby the feedbacks of employees are received is the suggestion systems. As part of the practices at the companies included in the report, a total of 1,412 suggestions, of which 888 in 2013 and 524 in 2014, were provided by Akkök Holding employees and 811 among these were actualized.

**Ak-Kim Kimya** has made it possible for its employees to easily reach their managers in every respect with the Open Door Policy it put into practice in 1999. Active communication with employees is ensured through The Whole Family at Ak-Kim Activity, "Talks with the General Manager" meetings, Ak-Kim Social Activities Club (ASEK) activities, Ak-Kim Portal practices.

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#### Work - Life Balance

Akkök Holding attaches importance to creating a working environment where employees are more productive and enjoy working. For this reason, it works to actualize practices that will impact the work-life balance of employees minimally; in this regard it develops practices whereby employees can spare more time for their personal lives, and organizes out of office activities.

In this respect, Istanbul Anatolian Side shuttles were changed into motorboat shuttles for Holding employees not to lose time in traffic, business hours were brought forward within this scope to prevent time losses. Apart from this, sports opportunities are provided to employees in the vicinity of the Holding campus, employees can join basketball and athletics teams.

	2013	2014
Number of female employees taking their maternity leave	16	11
Number of male employees taking their parental leave	95	128
Number of female employees returning from their maternity leave	15	10
Number of male employees returning from their parental leave	95	128
Number of female employees who haven't left work for the last 12 months following their maternity leave	14	15
Number of male employees who haven't left work for the last 12 months following their paternal leave	36	57

Within the context of preserving Work-Life balance, employees' use of maternity of leaves is an important issue. The information regarding employees within this scope in the reporting period is as follows:

**Ak-Kim Kimya** organized activities such as tours, theatres, concerts, welcome summer party, picnics, paintball, volleyball, backgammon and table tennis tournaments, as well as sailing and photography courses for its employees, in the years 2013 and 2014.

**Aksa Akrilik** organized activities such as tours, theatre, concerts, welcome summer party, goodbye summer

party, picnics, as well as diving, tennis, photography, and model airplane building courses for its employees, in the reporting period.

At **Akiş REIT**, the Company's My Social Activity Club organizes various activities for employees such as cinema, breakfasts, New Year's party, and birthday celebrations.

### Our Objectives for the Forthcoming Reporting Period

- To put into practice "Trust Index" measurements in the year 2015, whose methodology was determined across Akkök Holding in 2014, and to perform benchmarking and action follow-ups in 2016 following evaluation results
- To develop the Recognition and Appreciation Project across Akkök Holding
- To increase practices improving the active participation of employees in corporate business processes

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Responsible Value Chain Practices

At Akkök Holding, we do not consider our environmental, social and economic impact to be limited by our own operations, we take into consideration the impacts of our supply chain when defining our responsibilities. We actualize practices that will make our sustainability understanding dominant throughout our value chain, we are looking for ways to manage the whole lifecycle of our products and services and to minimize our negative impacts.

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# RESPONSIBLE VALUE CHAIN PRACTICES

At Akkök Holding, we do not consider our environmental, social and economic impact to be limited by our own operations, we take into consideration the impacts of our supply chain when defining our responsibilities. We actualize practices that will make our sustainability understanding dominant throughout our value chain, we are looking for ways to manage the whole lifecycle of our products and services and to minimize our negative impacts.

In consequence of the investments we made in the field of innovation, we are increasing the number of our environmentally friendly products and services, we realize practices that will increase the satisfaction of our customers and other stakeholders by taking into consideration the expectations of our stakeholders, we constantly reinforce the communication channel with our suppliers and continue to create mutual added value. Through Akkök Supply Chain Committee, which we formed in the year 2014, we put forward supply chain policies and strategies that will direct the activities of all our companies, we take the first step of practices that will transform the risks in this area into opportunities at the level of Holding.

#### **Our Customers**

Akkök Holding aims to ensure full customer satisfaction in all its fields of operation and to produce products and services suitable for customer needs and expectations in accordance with the environment and human health, with its customer oriented approach which is included among its corporate values. The customer satisfaction improvement works implemented in this regard are defined not only as a business manner that determines customer relations but as a perfection strategy for the performance exhibited in the fields of economy, society and environment.

At Akkök Holding, the customer satisfaction survey the most important practice aiming for ensuring customer satisfaction.

The satisfaction measurement rate of Aksa Akrilik, which regularly implements Customer Satisfaction Surveys every two years for its domestic and international customers, was realized as 75% for domestic customers and 74% for international customers in the 2013 Survey.

The satisfaction measurement rate was determined as 77% domestically and internationally at the Customer Satisfaction Survey conducted by **Ak-Kim Kimya** in 2014.

**Akenerji** continued its annual customer satisfaction survey practice in the year 2014. In consequence of the survey study consisting of a total of 11 questions, the customer satisfaction level of Akenerji was raised to 3.95 on a 5 point scoring system, in the year 2014. Also the Net Promoter Score (NPS), concerning the probability of the customer advising the brand to others, became 46%.

**Akiş REIT** conducts satisfaction surveys for Akbatı Residences and Akbatı Shopping Mall customers. As a result of bimonthly mystery shopper surveys conducted for Akbatı Shopping Mall, the scores achieved in issues such as security, cleanliness, information desk services, cleanliness of food courts are evaluated and necessary improvements are determined.

Akkök Holding companies have formed several units and developed practices in order to answer the needs, demands and complaints of their customers.

At **Aksa Akrilik**, the Customer Services Unit regularly organizes Customer Satisfaction Council meetings where customers' demands and complaints of all kinds

are evaluated. Complaints are investigated onsite by technical teams, they are evaluated by experts and solved. Aksa Akrilik made complaint/technical support visits to 178 customers in 2014.

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# Aksa Akrilik Center for Learning with the Customer

Aksa Center for Learning with the Customer gives customers the opportunity to visit Aksa and closely examine processes as well as pursuing R&D studies together with Aksa technical team. With this practice, it is aimed for customers to meet with experts and exchange opinions regarding improvement processes and novel issues. By 2014 yearend, 103 visitors have participated in the practice which has been pursued since 2008.

At **Ak-Kim Kimya**, all received complaints and feedbacks are recorded, these feedbacks are prioritized in accordance with customer demands and related reports are produced within the shortest time.

In 2013, Customer Relationship Management (CRM) projects aiming to maximize customer satisfaction were started at **Akenerji**.

At **Akiş REIT**, suggestions and complaints are conveyed through the corporate website; issues are shared with the

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relevant departments and talks for solving the problem are started. As for Akbati Shopping Mall, customer suggestions and complaints are communicated to information desk points verbally or in written. Suggestions and complaints are answered by the Marketing department within a week at the most.

Akkök Holding companies develop new products and services in accordance with their customers' demands.

regarding the frequency of visits made to customers in accordance with customer satisfaction survey results, the quality of vehicle used for delivery, and product documentation. The issue of visit frequency was assigned as an individual target for sales managers and experts and it was processed on their performance cards.

Among the new products and services developed by **Akenerji** in accordance with the principle of customer

mers, thereby increasing satisfaction. Alongside these practices, the operational team was restructured and it was ensured that sales managers and operation representatives act in unison thereby increasing customer satisfaction.

At Akkök Holding, the confidentiality and privacy of all commercial and personal information regarding employees and customers is fundamental. This kind of information is used only for professional purposes necessitated by the work and task, in compliance with laws and regulations, and only shared with relevant authorized persons. In 2014, **Aksa Akrilik** has completed installation studies for ISO 27001 Information Security Management Systems which is a system that takes maximum precautions with regards to the confidentiality of corporate and stakeholder information. The installation is projected to be extended across the Company by 2015.

Akkök Holding companies included in the Report have not received any complaints regarding the violation of customer information confidentiality during the reporting period.

Aksa Akrilik has realized a total of 21 consultancy works for its customers on the issues of efficiency in production, product quality and production sustainability, between 2012 and 2014.

At **Aksa Akrilik**, besides new product and product development studies, process alterations and changes in packaging, labeling and warning labels are also made by taking into consideration customer demands and suggestions.

**Ak-Kim Kimya** attaches great importance to national researches and technological advancements aimed at developing special products that will meet differing customer needs in the market. Product development teams within the body of Ak-Kim design new products and conduct special studies for customers in consequence of sector researches. Nearly 60 personnel are employed at Ak-Kim's R&D center which was registered as an "R&D Center" by the Ministry of Science, Industry and Technology in 2013. In the reporting period, beside new products developed in line with customer demands, improvements were made

satisfaction are the Carbon-Neutral Electricity, Energy Efficiency Counseling and "Smart Invoice" practices developed for customers. With the "Smart Invoice" application actualized in 2013 in line with feedbacks received through customer surveys and meetings, it was aimed for invoices to be rapidly delivered to custo-



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## **Our Suppliers**

Akkök Holding adopts a responsible supply chain management and manages the supply chain as a value chain. Akkök Holding companies, who work together with their suppliers with an understanding of partnership and cooperation, attach importance to the sustainability and profitability of their suppliers within the framework of this understanding and they manage the ethical, environmental, social and economic impacts of supply processes.

There is absolutely no compulsory or forced labor within the body of Akkök Holding companies, neither is there any company or supply operation with a child employment risk. In the reporting period, there were no incidents concerning noncompliance with laws and regulations in relation to the supply and use of products and services.

**Aksa Akrilik** evaluates suppliers in issues such as environmental and OHS policies, ethical values, employee rights during its supplier selection and performance monitoring processes. Documents and certificates concerning these issues are procured from subcontractor companies, workers are employed in accordance with OHS principles, standardization in business hours is ensured. In 2013, an active operational structure was formed to ensure the regular auditing and monitoring of contractor and sub-employer companies. The responsibility for this structure was given to the Sub-employee Responsible depending on the Purchasing Directorate. The Subemployee Responsible works in coordination with the HR, Purchasing and Administrative Affairs units and directorates in relation to its works. Other Holding

Number of Contractor Employees Participating in OHS Trainings	2013	2014	Total Hours of OHS Training (man*hour)	2013	2014
Aksa Akrilik	1253	661	Aksa Akrilik	1253	661
Ak-Kim Kimya	913	918	Ak-Kim Kimya	1213	1218

companies were informed about this structure that was formed and works for developing a similar structure in these companies were started. The local supplier rate at **Aksa Akrilik**, which prioritizes local suppliers, was realized as 89% in 2013 and as 86% in 2014. The ratio of the expenditures made to local suppliers to the total supply budget was determined as 43% in 2013, increasing in 2014 to become 38%.

**Ak-Kim Kimya,** which prioritizes local supply, first conducts a local market research when procuring products, and carries out importation transactions from the international market in case the price and quality criteria are not met. In the reporting period, about 50% of the total supply expenditures were procured from local companies while the rate of local suppliers was determined as 67%. The contractor companies working on the field are controlled and monitored regarding issues such as age, insurance situation, and occupational health and safety practices at Ak-Kim Kimya.

Ak-Kim Kimya supplier audits are conducted systematically. Ak-Kim Kimya, who evaluated a total of 278 raw material suppliers in the reporting period, plans to form an extensive supplier evaluation system for the categories of technical purchasing

and general purchasing in 2015. With this system, companies will be evaluated according to issues such as insurance practices, health and safety practices and working hours, the contracts of companies which might have a negative effect on workforce criteria will be revised. Besides, Ak-Kim Kimya aims to organize Environment, OHS, Ethics and Social Rights Trainings for suppliers in 2015.

**Akenerji** subjects supplier candidates to a preassessment in line with its Supplier Selection and Evaluation Procedure. As part of the evaluation, Akenerji first examines the supplier practices related to Quality, Environment and OHS Management Systems, reevaluates its suppliers after the purchase of products and services and then renews the contracts of the ones that satisfy the proper criteria and maintain their performance. Local suppliers have a significant share in Akenerji's supplier portfolio. The rate of local suppliers at Akenerji was determined to be 95% in 2013 and 97% in 2014. The rate of purchases from local suppliers to total purchases was 24% in 2013 and reached 31% in 2014.

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# Occupational Health and Safety in the Supply Chain

Akkök Holding shares its OHS understanding with all its value chain and expects all contractor firms to comply with standards relating to occupational health and safety. The OHS policies and practices of suppliers is one of the most important criteria looked for in supplier selection and performance monitoring. Akkök Holding expects contractor companies with whom it works to operate in compliance with the laws, it directs them and organizes trainings when necessary. The audits of contractors regarding occupational health and safety and field visits are conducted in accordance with laws and regulations.

Akenerji requests documents such as environmental license, documents for equipment subject to periodic control and test, competence certificate, recruitment and periodic health examination report, OHS trainings, occupational trainings, SGK (Social Security) inventory, risk management and Material Safety Information forms for chemical materials based on the nature of business to be used on the plants from suppliers from which it receives services. The company performs plant visits as part of OHS to both active plants and those still under construction, regularly monitors OHS performance as

well as focusing on OHS issues in the planned maintenance activities it conducts.

**Akiş REIT**organizes audits to contractor companies with whom it works, subjects them to evaluation in the issues of compliance with regulations concerning OHS matter and OHS trainings.

**Aksa Akrilik** evaluated the companies according to accident frequency rate and severity rate, OHS audits and OHS matrix penalty points in the audits it performed of a total of 6 companies in the reporting period. The evaluations were conveyed to the companies and it was ensured that the necessary action plans were taken. In addition to these audits, Aksa Akrilik has organized meetings with contractor and sub-employee company representatives every month.

**Ak-Kim Kimya** controls and monitors contractor firms working on the operation field in relation to whether occupational health and safety precautions were taken or not and does not admit contractor company employees who fail to provide the determined conditions. During product delivery processes, drivers are given an analysis certificate and a safety information card (SIC) besides the freight bill to be delivered to customers, while material safety information forms (SIF) are also sent to customers upon demand. Transportation vehicles are regularly controlled, drivers are provided with necessary occupa-

tional safety and on-site trainings every year. All tank truck drivers carrying hazardous materials have SRC5 certificates. Thanks to the newly established logistics and storage center, every product is stocked on defined shelves, the batch controls of products and their deliveries according to the FIFO system are performed.

Ak-Kim Kimya provides Environment and OHS Training for semi-trailer truck, tank truck and truck drivers performing the transportation of its products. In the year 2013, a total of 130 drivers have benefited from this training. In 2014, with the coming into effect of the regulation regarding the Transportation of Hazardous Chemicals on Highways, the focus was on drivers completing their SRC5 trainings indicating their expertness in transporting hazardous chemicals. In 2015, Environment and OHS trainings will be tackled with in more detail and training planning will be in progress. Within these trainings, detailed training plans were made such as Occupational Health and Work Safety-General Issues, Health Issues, Technical Issues, Risk Assessment and Root Cause Analysis, Safe Working at Height, Occupational Diseases. On account of back and neck pains due to bulk loading, an operation change was realized for logistics company employees performing storage operations and the majority of deliveries were turned into palletized deliveries.



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# **Our Objectives for the Forthcoming Reporting Period**

- Ensuring an increase in customer satisfaction rates
- Increasing the mediums and practices for coming together with customers
- Increasing the works for informing stakeholders about corporate operations

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We consider our practices in the field of occupational health and safety as an inseparable component of our essential activities. Complying with international standards besides legal regulations, we aim to provide a safe and healthy working environment for our employees. We inform our employees through occupational health and safety training programs, we assess all risks that might incur from the working environment and take the necessary precautions.

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We consider our practices in the field of occupational health and safety as an inseparable component of our essential activities. Complying with international standards besides legal regulations, we aim to provide a safe and healthy working environment for our employees. We inform our employees through occupational health and safety training programs, we assess all risks that might incur from the working environment and take the necessary precautions. We actualize pioneering practices in the field of occupational health and safety in the sectors in which we operate, we work for increasing our OHS performance by continuously improving our processes. We prepare necessary action plans for emergency situations thereby aiming to ensure the safety of all our stakeholders.

At Akkök Holding, precautions and practices aimed at occupational health and safety are an inseparable part of the work and operational process, they have primary priority in all activities. Among the most important works aimed at occupational health and safety that are conducted in an integrated manner with Environmental and Quality Management Systems in accordance with Integrated Management Systems are risk assessment studies, trainings, OHS committee meetings, internal and external audits. In 2013, works for ensuring occupational health and safety in compliance with the Ministry of Labor and Social Security's 6331 numbered Occupational Health and Safety (OHS) Law were started, in this regard an OHS Committee was formed. The Committee which consists of a total of 29 members and continues its activities with the voluntary participation of employees, performs field inspections to identify risks and develops action plans to eliminate the risks. Also, the Committee organizes trainings about the subject and informs Akkök Holding employees through monthly messages, videos and gatherings.

The communication and coordination in relation to occupational health and safety is managed by different units within the body of Akkök Holding companies. The operational responsibility and decisions taken in the subject of Occupational Health and Safety are represented at the company's highest level of administration. At Aksa Akrilik, Health, Safety, Environment (HSE) Directorate, at **Ak-Kim** HSE Department Administration within the body of the General Directorate, at Akenerji Environment, Quality and OHS Directorate dependent on Production Assistant General Manager are primarily responsible for HSEQ management.

Akkök Holding executes quality, environment, and occupational health and safety systems in its facilities and plants in compliance with international standards. TS 18001 Occupational Health and Safety Management Systems practices were structured in 10 facilities at Akenerji, including 9 power plants and 1 Head Office at Akenerji, 2 facilities at Aksa Akrilik including 1 facility and 1 Head Office and 3 facilities at Ak-Kim Kimya.

In order to manage OHS performance more effectively and to constantly improve it, OHS Councils and Committees were formed within the body of Akkök Holding companies as required by the laws. These councils and committees where employees are represented and managers actively participate, monitor OHS policies and practices, assess risks in the working environment and determines precautions, discuss issues related to work organization, working conditions and environment and evaluates trainings. There is an OHS committee consisting of 2 members at Akis REIT. Aksa Akri-



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At **Akenerji**, Akenerji Headquarters OHS Council was formed in 2014 in accordance with the Regulation Concerning Occupational Health and Safety Councils, since the number of employees at the Headquarters office exceeded 50. The council conducts works aiming to develop a consistent and general prevention policy involving the impacts of factors about technology at the workplace, business organization, working conditions, social relations and working environment, as indicated in the regulations. The council also has tasks and responsibilities such as assessing dangers regarding occupational health and safety, determining precautions, informing the employer, planning trainings. Besides, Akenerji Employer Representative, Occupational Safety Expert and Employee Representatives participate in Akkök OHS Council meetings organized every month at the Akhan building where the Headquarters office is located.



# OHS Committees at Akenerji Plants

As prescribed by the Occupational Health and Safety Law, workplaces with more than 50 employees are required to have OHS councils. At Akenerji Erzin NGCCPP, the number of employees exceeds 50 together with subcontractor employees, the OHS Council regularly meets every month. At other Akenerji plants, even though the number of employees is less than 50; there are voluntary "Quality, Environment and OHS Committees" for functionality and to ensure the participation of all parties. All employees at the plants are represented at the committees. Some of the practices revised the Committees that come together in monthly meetings are: Plant Integrated Management Systems Action Plan, corrective and preventive activities; labor accident, near-miss, environmental accidents and environmental complaints analysis reports; legal obligations regarding environment and OHS, OHS Periodic Controls, OHS and Environment visit reports and determined action definitions, and Monthly Waste Inventory records.

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# **Employee Health and Improvement** of the Working Environment

In the context of employee health and safety practices risk assessment studies are conducted in all office, facility and plants, the risks that employees might encounter in their workplaces are determined, and related measures are taken to prevent any accidents or injuries. Besides, several practices are realized aiming at ensuring improvement in all of employees' living spaces. Akkök Holding employees and their families

are covered by Private Health Insurance and insurance premiums are paid for by the company. There is an infirmary and a workplace doctor serving 24 hours within the body of Akkök Holding, while there is a health personnel and a patient transfer vehicle at every shift in production facilities. In the reporting period, Akkök Holding A.Ş. employees were provided with Basic Occupational Safety, Office Ergonomics and Health Trainings, employees were subjected to ergonomics audits, the equipment to be purchased by all companies at Akhan campus was standardized. In

2015, Akkök Holding aims to organize the Ergonomics Training for all its employees, in class every 3 years and online every year.

Akkök Holding companies, who observe the life quality of their employees, provide trainings for this purpose in the issues of heart diseases, obesity, the effects of smoking on health and ways of protection, nutrition, ergonomics, and physical activity suggestions for health living, in order to support both employees and their families. There are health units serving full time at companies, the periodic health examinations involving blood tests, chest radiography, respiratory function test, eye examination, audiometer, Electrocardiography (EKG) measurements and flu vaccines of employees are performed in order to protect employees from occupational diseases.

# Ak-Kim Kimya "Exemplary OHS Employee" and "OHS Exemplary Group"

At Ak-Kim, there has been an "Exemplary OHS Employee" practice for 20 years aiming to develop an occupational health and safety culture and sensitivity among employees. Every month, employees satisfying criteria determined by the opinion of the occupational physician and the decision of the OHS Council are awarded. In 2014, the "Exemplary OHS Group" practice, to be elected every 3 months, was started by the OHS Council. OHS Exemplary Group election criteria are as follows:

- The group must be studiously and constantly following OHS rules in the field of which it is responsible and be an example to other employees and groups with their work,
- Other employees working in its field of responsibility must be studiously and constantly following OHS rules, none of its members must have received a warning during the year, no group members must have had any accidents during the year,
  - Group members must participate in the reporting of unsafe situations and actions,
- Must be engaging in improvement activities to create a safe working environment in the field of which it is responsible and where it works,
- Must keep the field of which it is responsible and common use areas neat and organized and respect hygiene rulers.

#### **OHS Trainings**

Besides the projects and practices it develops in order to increase awareness on the subject of occupational health and safety, Akkök Holding ensures its employees become conscious in the issue of occupational health and safety, through continuing training programs. Companies operating within the body of Akkök Holding regularly organize OHS trainings on issues such as working environment risks and possible precautions, safe working program, internal auditor training, occupational health and safety general training, OHS regulations, accident reporting directions, risk assessment, fire, emergency intervention and drills, every year.

In 2013, a total of 28,417 man\*hour OHS training was provided to employees within the body of companies included in the report. OHS training hours increased by 16% in 2014 and was realized as 32,844 man\*hour.

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Number of Employees Participating in OHS Trainings	2013	2014
Akkök Holding A.Ş.	31	71
Aksa Akrilik	693	1,145
Ak-Kim Kimya	495	491
Akenerji	275	208
Akiş REIT	27	29

#### **Safety and Security** of the Site of Action

Akkök Holding realizes practices aiming at ensuring safety and security for all stakeholders in its sites of action.

Aksa Akrilik forms an OHS Index and develops action plans for its units and for Sub-employer and Contractor companies from which it receives services in order to ensure that occupational health and safety performance is proactively measured, to indicate the potential causes of accidents that might occur in the future, to provide numerical information regarding the efficiency of OHS management, to determine needs for improvement, to set targets, and to ensure that the steps taken in the field of work safety are evaluated. Aksa Akrilik was determined to be a "High Order Institution" within the framework of the Regulation Concerning the Prevention of Major Industrial Accidents and the Reduction of Their Impact published by the Ministry of Environment and Urbanization in accordance with the European Union's SEVESO II Directive. In this regard, works were conducted with senior consultants concerning training, management, process, and maintenance safety, emergency situation modelling and drill planning. Safety Report studies were completed in 2013 and are to be revised by the end of 2015. 3,447 man\*hour of trainings

OHS Training Hours Per Employee	2013	2014
Akkök Holding A.Ş.	7.77	2.85
Aksa Akrilik	19.68	21.37
Ak-Kim Kimya	17.32	11.42
Akenerji	20.89	13.20
Akiş REIT	8	6

were provided in 2013, and 2,150 man\*hour in 2014, in the context of SEVESO II.

Ak-**Kim Kimya** continues its works for adaptation to the SEVESO II Directive executed within the context of the Regulation Concerning the Prevention of Major Industrial Accidents and the Reduction of Their Impact. Ak-Kim Kimya, who will publish its Safety Report in 2016, has completed its chemical classification, chemical exposure, risk assessment and hazard and operability study (HA-ZOP). Ak-Kim Kimya, who provides trainings for employees regularly under the coordination of HSE Department Management, has also worked in collaboration with local institutions in the reporting period and continued sharing its knowledge and experiences. In 2013, Emergency Intervention in Chemical Material Transportation Training for Provincial Disaster and Emergency Directorate, Transport Authorities and local fire department was realized, the general characteristics of hazardous chemicals were communicated and drills were performed by expert teams. In the years 2013 and 2014, 300 drivers of two local cooperatives involved in chemical material transportation were provided with loading, unloading and carriage of dangerous chemicals (ADR) training and Individual and Social Risk (F-N Curve) studies were started even though it is not a legal obligation. Also, 15 employees received fire

training at Gölcük Fleet Command which provides world class trainings.

**Akenerji**, as part of the Regulation Concerning the Prevention of Major Industrial Accidents and the Reduction of Their Impact, carried out online notice for all its power plants and they are all considered to be "Out of Scope" in SEVESO category except Erzin NGPP. As for Erzin NGCCPP is identified as "Low Order Institution." Within the scope of its liabilities, Akenerji has started to prepare Quantitative Risk Assessment to be completed by January 2016 and Major Accident Prevention Policy to be completed by June 2016.

#### **OHS Performance**

Akkök Holding structures occupational health and safety management with the awareness that accidents are more frequent and the risk of developing certain occupational diseases is higher in its sectors of operation. Especially in the chemicals sector, there are certain dangers and risks that might occur in the course of the production, transportation, maintenance, assembly, and disassembly of chemicals during operational activities. Akkök Holding, whose practices supersede the standards prescribed by legal regulations in the field of occupational health and safety, acts along the objective of zero working accident and occupational disease; it perceives the constant improvement of OHS performance as part of its business manner.

As a result of the importance attached by Akkök Holding to occupational health and safety and the practices it implements with regards to the issue, no occupational disease cases were observed and no accidents involving death or serious loss occurred.

At Akkök Holding companies, OHS performance indicators such as absence rates, frequency and severity of working accidents are regularly tracked, necessary measures are included in business plans and put into practice. OHS results realized on the basis of operational activities during the reporting period are presented in detail in the below charts:

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GRI G4 CONTENT INDEX OHS results realized on the basis of operational activities during the reporting period are presented in detail in the below charts:

#### Accident Frequency Rate<sup>3</sup>

2013	2014
4.59	7.21
2.18	0
04	$5.95^{5}$
0	0
	4.59

#### Accident Severity Rate<sup>6</sup>

	2013	2014
Aksa Akrilik	109.71	75.2
Ak-Kim Kimya	13.12	0
Akenerji	0	73.37

#### Absenteeism<sup>7</sup>

	2013	2014
Aksa Akrilik	0.02	0.02
Ak-Kim Kimya	0.2	0.2
Akenerji	-	0.97
Akiş REIT	-	0

NOA = Number of occupational accidents

TNDAP = Total number of days of accrued premium (TNDASP is multiplied by 8 hours for a full day of work and total working hour of all insured employees during a year is found.)

1,000,000 =This figure is used to find the number of accidents per 1 million work hours.

 $TLD = Total\ lost\ days\ due\ to\ occupational\ accidents = (Temporary\ incapacity\ periods) + (total\ of\ permanent\ incapacity\ levels\ *75) + (number\ of\ deaths*7500)$ 

TNDAP = Total number of days of accrued premium (TNDAP is multiplied by 8 hours for a full day of work and total working hour of all insured employees during a year is found.)

1,000,000 = This figure is used to find the total number of lost hours due to workplace accidents per 1 million work hours.

<sup>&</sup>lt;sup>3</sup> Accident frequency rates were calculated with the following formulae = NOA/(TNDAP\*8)\*1,000,000

<sup>&</sup>lt;sup>4</sup> All plants (except Erzin NGCCP which was in the investment phase) and Headquarters building were included in Accident Frequency and Severity rate calculations for 2013.

<sup>&</sup>lt;sup>5</sup> All plants (including Erzin NGCCP which was operationalized) and Headquarters building were included in Accident Frequency and Severity rate calculations for 2014.

 $<sup>^6</sup>$  Accident severity rates were calculated with the following formulae = TLD /(TNDAP\*8)\*1,000,000

<sup>&</sup>lt;sup>7</sup> Absenteeism rate is calculated using the formula = Number of days of absence due to health issues / Total workdays.

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## **Emergency Management**

Within the context of emergency management, Akkök Emergency Auditing Council was established for companies affiliated with Akkök Holding to act in unison in case of emergencies and to provide ultimate occupational health and safety for all Akkök Holding employees. The council performs the regular audits of Holding companies and reports to relevant unit managers and the Executive Board regarding areas in need of improvement in the companies in consequence of these audits.

Akkök Holding OHS Council members have constituted search & rescue, evacuation, first aid and fire teams. Members of the 47 person fire extinction, 32 person first aid, 24 person search & rescue and evacuation, and 103 person emergency teams at the companies operating at Istanbul Akhan campus have completed their trainings and received their certificates. Within the framework of OHS, all employees' Basic OHS and Basic Disaster Awareness Trainings, Basic Health Trainings were completed. Besides, evacuation and emergency drills are performed with the aim of preparing for emergency cases such as probable gas leak, fire, chemical material spillage, or earthquake.

# Our Objectives for the Forthcoming Reporting Period

- Maintaining the organization of trainings strengthening the communication with the local community; establishing a remote sensing warning system for our personnel who work alone in shifts at the plants; and improving ergonomic practices for notebook users at the Headquarters at Akenerji
- Procuring chemical substances for ensuring hygiene in health facilities and educational institutions by means
  of collaborating with local administrations; providing OHS training for employees through theatre; improving
  platform and scaffold building activities further to minimize risks for working at height at Ak-Kim Kimya
- Starting behaviorally oriented risk management works in order to enhance OHS culture at Aksa Akrilik
- Obtaining OHSAS 18001 Occupational Health and Safety System certificate by 2015 yearend at Akiş REIT

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Environment

As one of the most deeply rooted industrial groups of Turkey, Akkök Holding makes long-term investments and aims for the benefit of the environment, society and national economy in its operations. In accordance with this objective, we are looking for ways to minimize our environmental footprint; we implement policies and practices that focus on efficient energy, water and raw material use, environmentally friendly technologies, innovation and environmental awareness.

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# **ENVIRONMENT**

As one of the most deeply rooted industrial groups of Turkey, Akkök Holding makes long-term investments and aims for the benefit of the environment, society and national economy in its operations. In accordance with this objective, we are looking for ways to minimize our environmental footprint; we implement policies and practices that focus on efficient energy, water and raw material use, environmentally friendly technologies, innovation and environmental awareness. We constitute our environmental policies and strategies in line with sustainability decisions taken at the Holding level, we continue to consistently improve our performance in this field through environmentalist solutions formed by our companies operating in various sectors along their expertise.

We realize environmentally friendly practices in all our Holding companies from supply to production, to distribution to product lifecycle; we provide solutions for our environmental sustainability understanding to be extended to all phases of our value chain. We continuously increase the number of basic performance indicators by which we measure and report our environmental sustainability performance at the level of our companies, we guarantee Holding-wide indicator standardization through Akkök Environment Committee where all our companies are represented.

Akkök Holding precisely fulfills its duties within the context of Environmental Impact Assessment for new investments or capacity increases in current facilities. The Holding, who monitors its impact on biodiversity in this way, performs evaluations and ensures that the required measures are taken and targets are determined. Alongside biodiversity impact assessment, activities to rehabilitate the environment are also performed. Within the context of projects implemented in the years 2013 and 2014 in this regard, a total of 18,211 saplings and trees were planted by companies included in the report.

The importance accorded to legal compliance is constantly observed in the context of environmental management. As a result of this understanding, no significant environmental penalties were received during the reporting period. In parallel, there is no complaint conveyed to Akkök Holding either by stakeholders or by

As of 2014 yearend,
10 plants at Akenerji,
including 9 power
plants and 1 Head
Office, 3 facilities
at Ak-Kim Kimya
and 1 facility at Aksa
Akrilik have ISO
14001 certificates.

official channels and left unsolved or unresolved during the reporting period.

Akkök Holding regularly organizes environmental trainings to ensure that environmental awareness is appropriated by its employees. In this regard, Akkök Holding employees were provided with a total of 3,927 man\*hour environmental training in the years 2013 and 2014.

Environmental protection and investment expenditures made by our companies Aksa Akrilik, Ak-Kim Kimya and Akenerji in the reporting period amounts to a total of 7,900,792 TL, of which 992,063 TL in 2013 and 6,908,729 TL in 2014.

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GRI G4 CONTENT INDEX **Energy Management** 

Akkök Holding actively manages energy efficiency in all production and operational processes. The use of different energy resources is due to the difference in the operations being conducted.

Processes related to energy management are managed by Energy Management Units and Councils and other relevant units. With this management approach, energy consumption targets are set, necessary controls and audits are performed during the working year, consumption amounts are tracked in periods determined by companies and periodic meetings aiming for reducing consumption are organized.

Aksa Akrilik meets its energy need for production through its own resources. Aksa Akrilik, who holds a 142.5 MW electrical energy production license, also supplies the electricity and steam energy it generates to Ak-Kim Kimya and Dow Aksa. The extra produced electrical energy is sold on the electricity market. Aksa Akrilik made a great progress towards achieving quality, reliable and uninterrupted energy resources at the lowest cost by engaging, in June 2013, the second phase of the energy plant project that will generate 100 MW of electricity and 350 ton/hour of steam.

#### Direct Energy Consumption by Primary Energy Source (GJ) \*

	2013	2014
Natural Gas and Coal	12,364,145	14,968,886
Fuel (gasoline+diesel)	22,201	17,477
TOTAL	12,386,346	14,986,363

<sup>\*</sup> These are the consolidated data for the companies included in the reporting.

#### Indirect Energy Consumption by Primary Energy Source (GJ)

	2013	2014
Steam	5,895,678	5,950,007
Electricity	144,899,072	167,581,403
Renewable Sources*	5,716	2,993
TOTAL	150,800,466	173,534,403

<sup>\*</sup> Data on Akenerji consumption.



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Aksa Akrilik saved approximately 100,000 GJ of energy annually through energy efficiency studies performed in Energy production units and subsystems in 2013. Similarly, through the elimination of insulation deficiencies and optimization works made on polymerization unit monomer recovery colons, a total of 65,478 GJ thermal energy was saved. The total amount saved through works conducted across Aksa Akrilik in 2014 is 108,307 GJ thermal energy, 10,000 GJ electricity energy.

Ak-Kim Kimya has achieved a total of 27,000 GJ in energy savings in the year 2014, within the context of projects and practices it has been conducting since 2011.

Akiş REIT qualified to receive the "Energy Identity Document" awarded for effective and efficient use of energy and energy resources, prevention of energy waste and protection of the environment according to "Energy Performance Regulation in Buildings" with its Akbatı Shopping Mall and Akbatı Residences projects. In order to reduce energy consumption in Akbatı Shopping Mall and Akbatı Residences project, owned 100% by Akiş REIT, low efficiency florescent lamps used for lighting the parking level were replaced by high efficiency LED lamps in 2014. With this project, an annual energy savings of 1800 GJ was achieved. We aim to implement this practice in all the sections of the shopping mall in the forthcoming periods.

#### Water Management

The efficient use of natural resources gains in importance each passing day for reasons such as global warming and increasing population. For this reason, Akkök Holding acts with the objective of making efficient use of natural resources in its operational processes.

Water management practices are also included among the works implemented by Akkök Holding to reduce its environmental footprint. Akkök Holding companies constantly track their water consumptions in view of annual targets and realize relevant improvement works. Within the

context of all these works, companies aim for minimum water consumption with the purpose of reducing their environmental impacts.

Water is used to meet hygiene, cleaning, and irrigation needs besides operational processes. The primary water sources that are used are municipal water, dam water, seawater, spring water and well water.

In comparison with the water consumption amount in 2012, the previous reporting period, there was a 20% reduction in 2013 and 13.5% in 2014.

The water consumption amounts (m³/year) of Akkök Holding companies during the reporting period are as follows:

	2013	2014
Akenerji	444,625*	579,134*
Ak-Kim Kimya	769,000	785,000
Aksa Akrilik	2,835,105	3,052,577
Akiş	84,397	59,531
Akhan	9,285	11,323
TOTAL	4,142,412	4,487,565

<sup>\*</sup>This figure includes water consumption data for the Headquarters located in Akhan Building.

Waste waters generated in consequence of operational processes are discharged within the framework of legal compliance. In this regard, full compliance with existing regulations is of particular significance for Akkök Holding companies. Discharges are performed at limits and values determined by regulations; waste water is first put into process at waste water treatment facilities and thereafter discharged. Waste water samples are analyzed and these values are periodically monitored to assure discharge at legal limits. This approach manifests itself as a result

of the business manner of Akkök Holding who reduces its impacts in all environmental matters beyond legal requirements. There is no water mass or habitat noticeably affected by draft survey or discharge.

The discharge point for Aksa Akrilik and Ak-Kim Kimya is the Marmara Sea, whereas for Akenerji, it is OSB (KOSBI), municipal waste water line (Municipality of Bozüyük) and the Mediterranean Sea.

Water discharge values (m<sup>3</sup>) for the reporting period are as follows:

	2013	2014
Akenerji	49.216	328,222
Ak-Kim Kimya	144.000	126,000
Aksa Akrilik	2,950,507	2,833,690
TOTAL	3,143,723	3,287,912

# Joint Treatment Facility

In 2012, Akkök started the "joint treatment facility" project that will treat domestic and industrial waste together. As part of the project, it was decided for all waste waters that were sent to different treatment centers before, to be treated in one facility. It is aimed for the facility to be completed and put into service by July 2015.



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## **Emissions Management**

Climate change constitutes a significant risk component for the business world. Among activities conducted in order to reduce the Climate Change Risk are the constant tracking and monitoring of emissions generated by operational processes.

Aksa Akrilik calculates greenhouse gas emissions according to the ISO 14064-1 standard and certifies the results with extensive warranty. Data acquired through the management system that was established in this regard are used for determining annual performance targets and developing target-driven projects.

Akenerji tracks its emissions within the context of CDP Climate Change Program and reports them in parallel with the requirements of the initiative. Besides, when the feasibility production capacities of renewable energy projects is taken into account, the green house emission prevention amount achieved is large enough to correspond to 1 million tons. With this amount, a benefit equivalent to the clean air provided by 42.2 million trees is achieved. In 2015, the tracking of greenhouse gases emitted in Erzin Natural Gas Combined Cycle Plant will be conducted.

#### Greenhouse gas emissions during the reporting period (ton CO<sub>2</sub>-e)

	Ak-Kin	ı Kimya	Aker	erji*	Aksa A	krilik*
	2013	2014	2013	2014	2013	2014
Scope 1	NA	4,127	347,155	958,661	884,371	1,136,312
Scope 2	NA	NA	3,487	10,553	20,454	22,700
Scope 3	NA	NA	284	87	NA	NA

NA: Not available

#### Other significant emission values between 2013 and 2014

	Ak-Kim Kimya		Aksa	Akrilik	
	2013 2014		2013	2014	
NOx	14,415 tons	14,803 tons	137,5 kg/h	153 kg/h	
SOx	22,380 tons	95,443 tons	25 kg/h	32 kg/h	
UOB	47,52 tons	65,66 tons	0.84 kg/h	0.51 kg/h	
Other	0	0	9 kg/h PM	1.17kg/h PM	

<sup>\*</sup> Akenerji emission data were provided within the scope of CDP and Aksa Akrilik data within the scope of ISO 14064-1.

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## Waste Management

One of the essential issues tackled by Akkök Holding in order to reduce its environmental impact is waste management. Waste management practices of the Holding involve reducing wastes generated by operational processes, gathering at the source, ensuring recovery, elimination in accordance with determined directives, as well as reporting studies to relevant institutions.

The determination of waste generation points, periodical tracking of waste amounts, determination of recovery points and recovery/reuse works fittingly with the purposes of all works come into prominence within the scope of the operational processes of Akkök Holding.

Waste amounts according to type and elimination methods in the reporting period are as follows:

Waste amounts according to type and elimination methods in the reporting period are as follows:

	Ake	nerji	Ak-Kin	n Kimya	Aksa Akrilik		
	2013	2014	2013	2014	2013	2014	
Total amount of hazardous waste (ton)	66,446	59,455	270	758	3,199	1,446	
Recovery	12,074	39,656	-	-	8	120	
Reuse	49,221	13,232	-	-	6	29	
Storage	0.074	19	-	-	-	-	
Incineration	-	-	270	758	3,185	1,297	
Other	5,077	6,548	-	-	-	-	
Total amount of nonhazardous waste (ton)	252,217	149,599	914	1,113	40,397	47,388	
Recovery	222,732	133,900	491	593	270	789	
Reuse	-	-	-	-	32,164	40,407	
Landfill	-	-	-	-	1,779	1,255	
Storage	-	-	423	520	-	-	
Incineration	27,007	13,020	-	-	6,184	4,937	
Other	2,478	2,679	-	-	-	-	
				_			

Akkök Holding companies have actualized many projects and practices in the context of waste management during the reporting period.

Ak-Kim Kimya recovers the hydrochloric acid solution generated as waste during galvanized coating and surface treatments at the iron trichloride facility licensed by the Turkish Ministry of Environment and Urbanization, utilizing it in the production of so called "Type 2", second quality iron trichloride. Through this practice, an annual average of 5,000 tons of hydrochloric acid solution is received and eliminated. The practice contributes to the protection of the environment, while wastes are reused and regained to the economy. In addition to this practice, the waste generated as a result of active alumina use at the Hydrogen peroxide facility was used as raw material in another production facility, allowing for the recovery of an annual 100 tons of waste active alumina.

In consequence of waste management works conducted by **Akenerji** in 2014, over 200 tons of waste was recovered and eliminated. In the year 2014, improvements were implemented in the waste storage areas of Akocak located in Trabzon, Feke II, Gökkaya and Himmetli HEPPs located in Adana in order to reduce the environmental impacts of wastes. As a result of these studies, by 2014 all waste storage areas located at plants have the following qualities:

- There is a separate closet for every waste type and the name of the waste to be stored is imprinted on every closet.
- Wastes are located on concrete impervious ground.

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GRI G4 CONTENT INDEX • The fields are enclosed, they have no contact with the outer environment.

 Against the leaking, spillage, splash risks of liquid wastes are covered with pool featured grids and there is absorbent material to intervene instantly in such situations. • In the waste storage areas, there are fire extinguishers and caution signs for emergency situations.

# Our Objectives for the Forthcoming Reporting Period

- Reducing the amount of carbon dioxide per product and service
- · Reducing the amount of water consumption per product
- Ensuring compliance with newly effectuated laws and regulations
- Organizing awareness studies aiming at reducing carbon emissions
- Decreasing business trips, increasing the number of teleconferences
- Akiş: Extending the portfolio of energy efficient buildings
- Akenerji: Generating electricity with PV Solar Panels projects, whose installed power will remain below 1 MW, within the limits of Adıyaman Burç HEPP
- · Ak-Kim Kimya: Reducing the loss rate in the storages where raw materials are kept,
- Ak-Kim Kimya: Calculating greenhouse gas emissions according to TS EN ISO 14064-1 Standard, certifying the results with extensive warranty
- Ak-Kim Kimya: Establishing TS EN ISO 50001 Energy Management System

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We regard supporting the welfare and development of the societies in the regions where we operate as one of our primary responsibilities, we do not limit our understanding of corporate citizenship with social responsibility and we strive to make it a part of all our operations. In our operations, we observe the expectations of all the society, especially the local communities at our production and service points; we offer all our activities to the views of our stakeholders through active and transparent

communication channels.

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We regard supporting the welfare and development of the societies in the regions where we operate as one of our primary responsibilities, we do not limit our understanding of corporate citizenship with social responsibility and we strive to make it a part of all our operations. In our operations, we observe the expectations of all the society, especially the local communities at our production and service points; we offer all our activities to the views of our stakeholders through active and transparent communication channels.

We know that we owe our successes to the support we received from the society. We support the direct and indirect economic added value we create for our stakeholders and therefore the society, through social responsibility projects looking for solutions to social problems, infrastructural investments and contributions we provide in the fields of sports, health, culture, arts and education. We take voluntary stakeholder participation as a basis in all our social practices, which we develop in light of our corporate values; we benefit from the expertise of public institutions, NGOs and universities.

## Support for Education from Akkök Holding

Acting with the understanding that raising an educated generation is the first condition for social sustainability, Akkök Holding realizes many projects in the field of education with the motto "Investing in the future". Within the framework of this understanding, the Holding has built many schools and contributed to the educational life of many students to this day.



#### Raif Dinçkök Primary Education School

Raif Dinçkök Secondary School was established in Tekirdağ's Çerkezköy district in 1988 and expansion works were completed 1998. There is today 24 classrooms, six administrative offices, a laboratory, a library, an informational technology room, and a conference room in the school.

#### Güzin Dinçkök Primary Education School

Güzin Dinçkök Secondary School that was opened by Akkök Holding in 1998 is the largest and most modern secondary school of Istanbul's Maltepe district with its 42 classroom Mega B type project. At Güzin Dinçkök Secondary School, there are one computer laboratory, a dining hall, a music room, a workshop, a conference room, playgrounds, sport fields, and nursery class playgrounds,

#### Istanbul Technical University Maslak Dorms

Istanbul Technical University Maslak Dorms were put into service on March 24th, 1999. Maslak Dorms provide a quality and comfortable residence opportunity for a total of 56 students. There is a living room and kitchen open for common use on every floor.

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#### İSOV-Dinçkök Technical and Industrial Vocational High School

As part of the Chamber of Industry Vocational Training Center and Community Facilities Complex project, Akkök Holding provided financial support for the building of İSOV-Dinçkök Technical and Industrial Vocational High School. İSOV named the high school part of the complex as "Dinçkök Industrial Vocational High School" in consideration of this donation. Dinçkök Industrial Vocational High School, located on a 4,921 m² field within the Vocational Training Center and Community Facilities Complex provides a modern education opportunity for 554 students with 24 classrooms and 52 teachers.

Akkök Holding supports the construction of the Rectorate Building of Yalova University alongside all Holding companies. The building for which 10 million TL was donated, that is planned to be completed in three years, will bear the name of Raif Dinçkök, the founder of Akkök Holding.

#### Akkök Firefly Mobile Learning Unit

Akkök Holding develops projects that will contribute to the social and cultural development of the region in all its regions of operation. In 2014 Akkök finalized completed "Akkök Firefly Mobile Learning Unit" project that was carried out in cooperation with Turkey Education Volunteers Foundation (TEGV). Through this project that was actualized in order to create an environment for the development of emotions and skills such as self-confidence, worthiness, creativity, and empathy among children, 2,817 children in 2013 and 2,113 children in 2014 were provided with trainings.

Besides the informatics and technology area with 12 computers, there is a section where training programs are conducted at Akkök Firefly Mobile Learning Unit. Within the framework of the project, volunteers, mostly consisting of university students, have provided trainings in the subjects of computer and technology literacy, career choice, environment, health and traffic. Until the end of the project, a total of 64 volunteers served at the Unit.

Over the course of the project, Akkök Firefly Mobile Learning Unit has met with a total of 14,125 students at Taşköprü, Öğretmen Yusuf Ziya, Şaban Temüge, Saffet Çam, Mareşal Fevzi Çakmak, İsmet Paşa Mazlum Palabıyık, Orgeneral Selahattin Risalet Demircioğlu, Atatürk, Müfettiş Hamdi Girgin, Hayat Mahallesi, Hürriyet, GSD Eğitim Vakfı, Zübeyde Hanım, 700. Yıl Osmangazi, Sevim Göğez Primary Education Schools and Mevlana Elementary School in Yalova.



## Environment Friendly Akkök Firefly Mobile Learning Unit

At the Firefly Mobile Learning Unit, environmental sensitivity was taken into consideration as with all the projects of Akkök, and recyclable materials were used in all its trays. By this means, it was aimed for 80% of the materials used in the truck to be recovered when it completes its economic life. This unit, which provides energy efficiency and becomes environment friendly through the materials used, was specifically manufactured by OTOKAR for the project of Akkök Holding.

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# **Support for Education from Akkök Holding Companies**

Sehit Uğur Ekiz Technical High School in National Education in 2013, in order to contribuin the vicinity of Erzin Natural Gas Cycle Plant. The Industrial Vocational High School with six classrooms, which was designed according to European Union standards, was built on 40 thousand m<sup>2</sup> and opened for education during

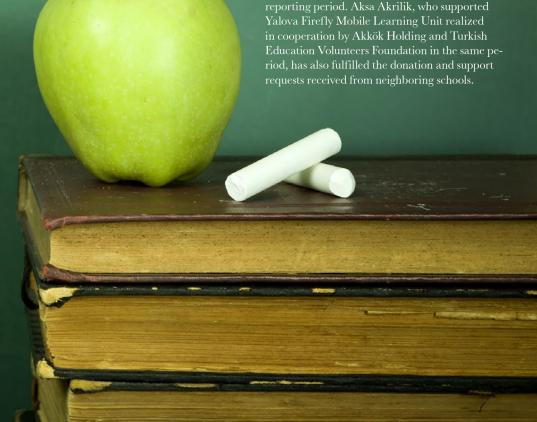
Akenerji, who provides educational scholarships since 2011 in collaboration with TEV for 10 students from Trabzon's Araklı district, where Akocal Hydroelectric Power Plant is located, has continued the scholarships in 2013. Besides, in 2013 donations were made to the Municipality of Edincik in Balıkesir's Bandırma district, where Ayyıldız Wind Power Plant is located, to address

Aksa Akrilik is aware that sustainability is possible through educated, equipped, cultured, environmentally and socially sensitive generations. With the responsibility brought about by this awareness, Aksa Akrilik founded in 1992, Aksa Technical and Industrial Vocational High School in the town of Taşköprü, in Yalova's Çiftlikköy district, aiming at raising youth that might benefit the industry. The school, which continues its educational life with 28 teachers and a total of

365 students as of the year 2014, trains qualified technical staff who can work in industrial areas. at Aksa Technical and Industrial Vocational High

institutions nationwide. Students receiving education in the departments of Computer (Software), Electronics and Process continue their applied trainings in laboratories equipped with advanced technologies.

Aksa Akrilik continued the maintenance, graduation ceremony organization and library support it continuously provides for Aksa Vocational High School which it established in 1992, in the reporting period. Aksa Akrilik, who supported



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# Support for Social Projects from Akkök Holding



Akkök Holding determines the needs of all the communities living in its regions of operation and develops projects that will add value to social and cultural development of the region. Akkök Holding, who actualized a number of practices focusing on the communities within its operational geography, creates communication media to inform its stakeholders within its operational geography concerning its activities.

Since 2012, Akkök has been supporting Yalova Orthopedics Sports Club (YOSK), one of the leading clubs competing on Wheelchair Basketball Super League, as the main sponsor. YOSK, the apple of Yalova's eye, has carried its success beyond the limits of Yalova and became one of the important teams of Turkey. Alongside the successes of the team at the Wheelchair

Basketball Super League, the athletes it has raised are also a source of pride for Yalova.

In 2014, Akkök Holding continued "Akkök Children's Festival" which it has been organizing since 2012, with the aim of increasing the awareness of children in the issue of sustainability and recycling. Children painted several objects as part of the artist Seymen Şener's work named "Tree of Future", which explains the importance of recycling for a sustainable environment, creating a true artwork for the third time, during the last activity that took place at Raif Dinçkök

Cultural Center. Children who attended the festival were distributed notepads and wind roses made out of recycled paper. Akkök Firefly Mobile Learning Unit also participated in "Akkök Children's Festival" which was implemented in order to let the children of Yalova have a good time in accordance with their own interests and skills and to support their personal development. Children of Yalova were introduced to various education programs by the Akkök Firefly Mobile Learning Unit, thereby contributing to their personal development besides providing information.



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# Support for Social Projects from Akkök Holding Companies

Ak-Kim Kimya realized various experiment shows with children, with the purpose of instilling a love for chemistry in children and emphasizing the significance of chemistry for a sustainable world, as part of "Akkök Children's Festival" organized for the third time in 2014.

Ak-Kim Kimya, who sponsors activities organized by target universities, sponsored METU BEST Engineering Competition and Career Days and Izmir Institute of Technology Chemical Engineering XII. "What to Produce Activities and Project Competition" in 2014.

Aksa Akrilik presented children with the entertaining and educational theatre play named "Jovial Cabaret", where messages related to the issue of sustainability are treated, at "Akkök Children's Festival" organized on 2014.

Aksa Akrilik conducts a "Blood Donation Campaign" in collaboration with Yalova Red Crescent Branch twice a year. In the reporting period, a Blood Donation Campaign was organized with the voluntary participation of Aksa Akrilik employees.

Aksa Akrilik, who congratulated the April 23<sup>rd</sup> National Sovereignty and Children's Festival of the children of Yalova with 3D "Rio 2" movie, took children in Yalova aged 5-13 to Cinetime Özdilek Theater. The activity where the movie was shown free of charge reached around 1,000 children.

Akenerji tried to provide for social solidarity, education, environment, sports and culture oriented needs

of the local community, in the regions where its plants operate, through donations. Akenerji made donations for the stadium to be constructed by the Municipality of Feke in Adana, Traditional Karacaoğlan Festivities organized in Karaman, Saimbeyli Culture & Arts Cherry Festival organized by the Municipality of Saimbeyli, construction of fixture camellias for iftar dinners and park zones, extramural painting competition organized by Kemalpaşa Municipal Sports Club and Kozan City Council within the context of June 5th World Environment Day.

# Awareness Activities for Local Communities

In locations where Akenerji has hydroelectric plants, they organize trainings to create awareness in local communities on potential hazards of HEPPs and means of protection. They also issue brochures and posters on its website and hand their print versions in the regions of power plants. Within the scope of its awareness-raising efforts, in 2014 Akenerji visited Kızılin Yılmaz Yığılı and Yeşiltepe schools in Adıyaman and Araklı Cankaya Boarding School in Trabzon, respectively. During these trainings, the company gave information on the working principles of Akocak HEPP in Trabzon and Burc and Bulam HEPPs in Adıyaman as well as on personal safety measures to be taken against HEPPs. We replied questions coming from teachers and students and reached a total of 673 students and 38 teachers. The students also received information on renewable energy and electricity generation during these trainings. Akenerji plants to continue HEPP awareness-raising meetings in the cities of Bursa and Adana. Akenerji reached a total of 1,206 students and

61 teachers through the awareness trainings conducted in the years 2013 and 2014.

Aksa Akrilik hosts civil society organizations, local community, schools, employee families, customers, benchmarking teams and domestic and international visitors on its production area during certain times of the year, with Open Door Visits. Through Open Door Visits, various stakeholder groups have the opportunity to make observations and receive information regarding Aksa Akrilik activities, the results of the surveys conducted following the visits are used for Aksa Akrilik's improvement strategies. In the reporting period, a total of 420 stakeholders visited Aksa Akrilik's production area as part of Open Door Visits.

Aksa Akrilik's engineers, who are experts in their fields, are coming together with the youth in Yalova through "I'm Learning with Aksa Sharing Seminar" which they started voluntarily. At the activity realized with the participation of volunteering engineers at Yalova Anatolian High School in 2014, around 200 youth had the opportunity to benefit from the experiences and accumulations of the engineers of Aksa Akrilik.

Ak-Kim Kimya opens its doors to official institutions and establishments and students who wish to obtain information about its facilities through the Open Door Practice. At the facility visits, information regarding Ak-Kim Kimya and the chemicals industry is shared and Ak-Kim Kimya managers and employees help students determine their future objectives and profession choice. With this practice, an annual average of 300 students visit Ak-Kim Kimya and receive technical information regarding practices.

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# Akkök Holding's Support for Universities

Akkök Holding started university activities under the concept "Legend or truth?" together with Holding companies in 2014. As part of the project, collaborations were made with career centers and university clubs, several activities were realized at universities. Within the context of the project, Aksa met with students at METU Plus activity organized annually by Middle Eastern Technical University Chemical Engineering Club. At the activity which took place at METU, students had the opportunity to benefit from the experiences and accumulations of Aksa managers.

## Support for the Arts from Akkök Holding

Akkök Holding allocates resources to domestic and international culture & arts projects in order to improve cultural values and art, encourage artists, and raise social awareness in cultural and artistic fields. The "Turks" exhibition organized by the Royal Academy of Arts and "The Study of Turkey" project conducted by Oxford University Islamic Studies Center and the preparation process of the book "Yadigâr-1 İstanbul" (Souvenir of Istanbul) prepared with the consultancy of Prof Dr. Nurhan Atasoy are among the most important artistic projects contributed to by Akkök Holding to this day.

#### Raif Dinçkök Cultural Center

In 2011, Akkök Holding brought into service Raif Dinçkök Cultural Center in the name of the Holding's founder Raif Dinçkök, in order to add value to the cultural development of the local community in Yalova where it has been operating for 45 years. The Center, which was designed as a culture & arts complex aimed at the necessities of the modern age, was constructed within the

body of Yalova Municipality, on a 10 thousand m<sup>2</sup> field provided by the municipality, as four separate blocks to include various sections such as multipurpose halls, formal training workshops, lounge, exhibition and cafeteria areas, scenery and terrace. The Center, which fills a void in urban life, has met with the great interest of the community in Yalova since it opened its doors.

Raif Dinçkök Cultural Center was deemed worthy of many awards with its modern and unique architectural design. The center succeeded in ranking among the best of Europe in the category of "Commercial/Recreational Structures" at 2010 European Property Awards which was participated by a record number of projects from 39 countries. Also in 2010, Raif Dinçkök Cultural Center made it to the finals in the category of "Society" and "Life" at the Cityscape competition, one of the most important organizations of Dubai real estate and construction sector, and it was qualified as "noteworthy" in these categories.

Alongside these awards, the Center was included among the seven different project of Architect Emre Arolat in the book named "1,000 Ideas by 100 Archite-



cts" consisting of the interpretations of the world's 100 most important architects about their own projects, thereby certifying its authentic design.

Bu ödüllerin yanı sıra Merkez, dünyanın en önemli 100 mimarının kendi projelerine ait yorumlarından oluşan "1.000 Ideas by 100 Architects" isimli kitapta, Mimar Emre Arolat'ın yedi farklı projesi arasında yer almış ve özgün tasarımını belgelemiştir.

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# Support for the Arts from Akkök Holding Companies

Istanbul Toy Museum Mobile Exhibition which was transported to Yalova with the contributions of Aksa Akrilik, met with visitors at Raif Dinçkök Cultural Center free of charge. Favorite examples from the history of toys were exhibited at the mobile exhibition which took place in November and was visited by around 8 thousand people during 10 days.

Akenerji provided support for CHANIART 2013 Contemporary Art Festival which is organized every year on Greece's Crete Island, in the city of Hania and participated by over 300 artists from various countries. At the festival attended by 10 artists from Turkey, artists presented their works to art-lovers at the exhibition realized at Olivepress Contemporary Art Museum and curated by Cem Üstüner. Young talents who worked on the theme "Black and White Dreams" also interpreted the subject of energy from an artist's perspective with the "energy" subtheme.

Akbatı Shopping Mall project, conducted by Akiş REIT, has realized 435 children's activities, 78 exclusive conversations, 12 autograph sessions, 7 exhibitions, 4 theater plays, 15 major concerts and innumerable music concerts free of charge, as well as supporting many social responsibility projects in the course of three years.



# Our Objectives for the Forthcoming Reporting Period

- Increasing works for informing stakeholders regarding corporate operations
- Organizing works aiming for improving relations with universities
- Increasing corporate social responsibility projects aimed at the local community
- · Supporting initiatives started by sector-specific public institutions which we support
- · Organizing field trips at Akiş REIT aiming to inform vocational high school students about the retail industry

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G4-LA3	Our Human Resources Policy	25		-	-
Aspect: Labor/Employment Relations	Our Employees, Employee Communication	25, 33		-	-
G4-LA4	GRI G4 Content Index	66	For serious operational changes, we comply with the minimum period of notice defined by the law.	-	-
Aspect: Occupational Health and Safety	Occupational Health and Safety	41-42		-	-
G4-LA5	Occupational Health and Safety	41-42		-	-
G4-LA6	Occupational Health and Safety	45		-	-
G4-LA7	Employee Health and Improvement of the Working Environment	43		-	-
G4-LA8	GRI G4 Content Index	66	There are not any unionized workers at Akkök Holding.	-	-
Aspect: Training and Education	Learning and Development; Organizational Development	29, 30		-	-
G4-LA9	Learning and Development	29		-	-
G4-LA10	Learning and Development	29		-	-
	Organizational Development	30		-	-
G4-LA11	Organizational Development	30		-	-
Aspect: Diversity and Equal Opportunity	Not a material issue.			-	-
G4-LA12	Our Human Resources Policy	25		-	-

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**ON PROGRESS** 

Specific Standard Disclosures							
Profile Disclosure	Reported In	Reference Pages	Explanations/Reasons of Omissioon	Identified Omissions	External Assurance		
Aspect: Equal Remuneration for Women and Men	Not a material issue.			-	-		
G4-LA13	Our Human Resources Policy	25		-	-		
Aspect: Supplier Assessment for Labor Practices	Not a material issue.			-	-		
G4-LA15	Our Suppliers	38		-	-		
Aspect: Labor Practices Grievance Mechanismsı	Our Sustainability Approach	21		-	-		
G4-LA16	GRI G4 Content Index	67	We did not receive any complaints through the official grievance mechanisms regarding our labor practices.	-	-		
Sub-Category: Human R	ights						
Aspect: Non-discrimination	Our Human Resources Policy	25		-	-		
G4-HR3	GRI G4 Content Index	67	No incidents of discrimination occurred at Akkök Holding during the reporting period.	-	-		
Aspect: Child Labor	Our Human Resources Policy, Our Suppliers	25, 38		-	-		
G4-HR5	Our Suppliers	38		-	-		
Aspect: Forced and Compulsory Labor	Our Human Resources Policy, Our Suppliers	25, 38		-	-		
G4-HR6	Our Suppliers	38		-	-		
Aspect: Indigenous Rights				-	-		
G4-HR8	GRI G4 Content Index	67	There is not any incident of violations involving rights of indigenous people during the reporting period.	-	-		
Aspect: Human Rights Grievance Mechanisms	Not a material issue.			-	-		
G4-HR12	GRI G4 Content Index	67	We did not receive any complaints through the official grievance mechanisms regarding our compliance with human rights.	-	-		
Sub-Category: Society							
Aspect: Local Communities	Responsible Value Chain Practices; Our Contribution to Society	36, 55		-	-		
	Our Stakeholders	23		-	-		
	Our Customers	36-37		-	-		
G4-SO1	Occupational Health and Safety	41-42		-	-		
	Support for Education from Akkök Holding	55-57		-	-		
	Awareness Activities for Local Communities	59		-	-		
G4-SO2	Safety and Security of the Site of Action	44		-	-		
Aspect: Anti-corruption	Akkök Holding Ethical Approach	18		-	-		
C4 CO2	Risk Management	19		-	-		
G4-SO3	Internal Audit and Internal Control	18		-	-		
G4-SO4	Internal Audit and Internal Control	18		-	-		
G4-SO5	Internal Audit and Internal Control	18		-	-		
Aspect: Public Policy	Our Contribution to Society	55		_	_		

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	Specific Standard Disclosures							
Profile Disclosure	Reported In	Reference Pages	Explanations/Reasons of Omissioon	Identified Omissions	External Assurance			
G4-SO6	GRI G4 Content Index	68	Akkök Holding does not make directly or undirectly any financial and in-kind political contributions.	-	-			
Aspect: Anti-competitive Behavior				-	-			
G4-SO7	GRI G4 Content Index	68	There is not any legal action taken against Akkök Holding concerning any anti- competitive behaviour, anti-trust and monopoly practices and their outcomes.	-	-			
Aspect: Compliance				-	-			
G4-SO8	GRI G4 Content Index	68	There is not any significant fines or non-monetary sanctions for noncompliance with laws and regulations during the reporting period.	-	-			
Aspect: Grievance Mechanisms for Impacts on Society				-	-			
G4-SO11	GRI G4 Content Index	68	We did not receive any complaints through the official grievance mechanisms regarding our impact on society. "	-	-			
Sub-Category: Product R	Responsibility							
G4-PR2	GRI G4 Content Index	68	There is not any incident of non-compliance with regulations and voluntary codes concerning the health and safety impacts of products and services during the reporting period.	-	-			
Aspect: Product and Service Labeling	Not a material issue.			-	-			
G4-PR5	Our Customers	36-37		-	-			
G4-PR7	GRI G4 Content Index	68	There is not any incident of non-compliance with regulations and voluntary codes concerning marketing communications.	-	-			
Aspect: Customer Privacy	Our Customers	36-37		-	-			
G4-PR8	Our Customers	36-37		-	-			
	GRI G4 Content Index	68	We did not receive any substantiated complaints regarding breaches of customer privacy and losses of customer data.	-	-			
Aspect: Compliance				-	-			
G4-PR9	GRI G4 Content Index	68	There are no significant fines for non-compliance with laws and regulations concerning the provision and use of products and services.	-	-			

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#### **Human Rights**

Principle 1: Businesses should support and respect the protection of internationally proclaimed human rights; and p.25

Principle 2: Make sure that they are not complicit in human rights abuses. p.25

#### Labour

Principle 3: Businesses should uphold the freedom of association and the effective recognition of the right to collective bargaining;" p.25,38

Principle 4: The elimination of all forms of forced and compulsory labour; p.25,38

Principle 5: The effective abolition of child labour; and p.25,26

Principle 6: The elimination of discrimination in respect of employment and occupation. p.21,48

#### **Environment**

Principle 7:Businesses should support a precautionary approach to environmental challenges;p.48,53Principle 8:Undertake initiatives to promote greater environmental responsibility; andp.10,48Principle 9:Encourage the development and diffusion of environmentally friendly technologies.p.14,15

#### **Anti-Corruption**

Principle 10: Businesses should work against corruption in all its forms, including extortion and bribery.

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