

SUSTAINABILITY 2019 REPORT

 AssanAlüminyum



CONTENTS

ABOUT THE REPORT	05	
MESSAGE FROM THE CEO	07	
MESSAGE FROM THE GENERAL MANAGER	09	
ABOUT KIBAR HOLDİNG	10	
ABOUT ASSAN ALÜMİNYUM	12	
SUSTAINABILITY AT ASSAN ALÜMİNYUM	14	
MORE SATISFIED STAKEHOLDERS	28	
BETTER PEOPLE	37	
A BETTER WORLD	49	
OUR MANAGEMENT APPROACH	55	
ANNEXES	61	



ABOUT THE REPORT

With our first sustainability report, we aim to present a summary of our economic, social and environmental performance and understanding of sustainability to all our stakeholders.

The information included in the report covers all of our operating regions and affiliates from January 1 to December 31, 2019.

This report has been prepared in accordance with the GRI Standards: Core option. In the report, we also included our performance in line with the United Nations Sustainable Development Goals and the UN Global Compact.

MESSAGE FROM THE CEO



Dear Stakeholders,

We are very pleased to present you the 2019 Sustainability Report, the first sustainability report of Assan Alüminyum. Many developments such as increasing environmental disasters, rapid socioeconomic and demographic changes, new generation consumption behaviors, global migrations, trade wars increase the importance of the concept of sustainability. Sustainability is a new model in which financial growth is evaluated together with its environmental and social impacts. This model imposes important responsibilities to the whole business world under the leadership of leading industrial organizations. It is among the responsibilities of the entire business world to leave a clean environment, a well-trained human resource, a high value-added growth infrastructure that respects the society.

We integrate our understanding of sustainability, which we inherited from our corporate values, into all our business processes by blending them with current global requirements. In this regard, the United Nations Global Compact and the United Nations Sustainable Development Goals, which we

have signed, are among our important guides. In addition to these initiatives, all our Group companies adopt sustainable business models by supporting important sustainability initiatives in their sectors and share these models with all value chains. Seeing the positive contribution of our corporate success to the country's economy increases our motivation to work.

In Kibar Group, we, together with our 22 companies and more than 7,500 employees, reflect our understanding of sustainability to our investment and management decisions. We work to guarantee both our corporate success and the sustainability of our world with long-term, sustainable plans. Throughout our history of nearly half a century, we have continuously fulfilled our social responsibilities while contributing to the economy of our country. As an industrial group, we strive to increase operational excellence, resource efficiency and innovative technologies in all our facilities. We focus on export markets and grow

by increasing our share in these markets. All our Group companies are among the leading companies in their respective sectors. We make significant investments in our country in the fields of education, health and social life under the roof of Kibar Education and Social Aid Foundation, which we established in 1999. Our group companies also carry out social responsibility projects that create value for the society.

As Kibar Group, I would like to express my gratitude to you, our valued customers, business partners, stakeholders and all my colleagues who support us in our activities and adopt our principles. In the upcoming period, we will continue to work with your support, with the same determination and faith, and to sign projects that create value for our economy, our environment and society.

With my love and respect,

Haluk Kayabaşı
CEO
Kibar Holding

MESSAGE FROM THE GENERAL MANAGER



Dear Stakeholders,

With the awareness and consciousness that we live in a world where resources are limited, we continue our activities under the guidance of the sustainability vision of Kibar Holding, which we are part of, in order to contribute to the global struggle against climate change, environmental pollution and to protect our natural resources. We aim to systematize these activities, to carry them to international standards and to inform you, our valuable stakeholders. In this direction, we are happy to share with you our Sustainability Report, the first of which we prepared on behalf of Assan Alüminyum, independent of Kibar Holding.

Continuing its steady growth since its establishment in 1988, exporting its products produced in Turkey to more than 70 countries in 4 continents, being the largest aluminium producer in Turkey with more than 1,500 employment capacity and its production volume, Assan Alüminyum is among the most important actors of the sector on a global scale. We achieve this growth with the motto "We Produce Without Consuming the Future" and we fulfill our responsibility to future generations in the most effective way.

We create long-term positive value for nature by carrying out our production with sustainable methods. The renewable energy production facility we have incorporated produces as much clean energy as the electricity consumption of our production facilities for about 1 year. This amount is equivalent to the power consumption of 50 thousand homes. In the last 3 years, we have contributed to the preservation of energy, one of the biggest losses in the economy, by providing a significant reduction in our energy density. On the other hand, with the recycling facility we have integrated into our body, we make maximum use of the feature of aluminium, which can be recycled infinitely and 100 percent.

We do not only shape our production understanding focused on economic growth and profit, but also consider sustainability in every aspect. With a multidimensional sustainability vision, including environmental, social and economic, we create a cycle in which both corporate social responsibility projects that will contribute to the development of society, collaborations that will ensure environmental sustainability, and our employees and business partners can be involved.

Again, in order to ensure that this cycle is sustainable, we pay special attention to our projects to be long-term and to produce permanent social benefits.

We do not see it as an obligation to comply with the United Nations Global Compact, which we signed as Kibar Holding in 2013, and the Sustainable Development Goals published by the United Nations in 2015, we adopt these goals as our corporate principles. We focus on protecting the world we live in by creating a sustainable ecosystem that includes all of our stakeholders in the light of our core values, reliability, flexibility, innovation and sustainability.

Assan Alüminyum's long-standing sustainability journey will continue by getting stronger with the Sustainability Report you are currently reading. I would like to express my gratitude to my valuable colleagues, valuable business partners and all our stakeholders who contribute to our sustainability activities.

Göksal Güngör
General Manager

ABOUT KİBAR HOLDİNG



Kibar Holding, which started its activities in the fields of industry, service and trade in 1972 and is among the leading business groups, has been making significant contributions to the national economy and social welfare since its establishment.

As of the end of 2019, Kibar Group operates with more than 20 companies and more than 7,500

employees in the metal, automotive, packaging, building materials, real estate, logistics, energy, food and service sectors.

The Group has become an important power contributing to the development of Turkish economy with its reputation, brand image, strong partnerships and knowledge and experience on the

Turkish markets. Among the international business partners of Kibar Group are Hyundai, THY, Posco, TIL, Seoyon E-Hwa and Heritage, which are among the world's leading brands. Kibar Holding and Group companies create significant value in Turkish economy with their high production capacities, employment, export and social investments they create.

ABOUT ASSAN ALÜMİNYUM

Assan Alüminyum, one of the leading manufacturers of the global flat aluminium industry, has been producing flat aluminium since its establishment in 1988. It provides services to many sectors such as packaging, distributor, construction, durable consumption, automotive and heating-cooling with its coils, sheets, foil and painted aluminium products. Assan Alüminyum, which produces under the roof of Kibar Holding in its Tuzla, Istanbul and Dilovası, Kocaeli facilities, is the leading company in Turkey in the flat aluminium sector with an annual 300,000 tons of plate and foil installed capacity, and an annual aluminium painting capacity of 60,000 tons in roll painting facilities. It is one of the three largest foil producers in Europe with its aluminium foil production capacity reaching 100,000 tons.

Exporting about 80 percent of its sales, the company ranks 35th in the Turkey's top 500 industrial companies list of Istanbul Chamber of Industry and continues to grow with new investments. In 2019, an investment of 22.8 million dollars was made, with over 300 new jobs created in the last 3 years, the number of employees reached 1,500.

With its global culture and established international

locations, Assan Alüminyum exports to more than 70 countries in four continents, primarily Western Europe and North America. Kibar Americas, a 100% Assan Alüminyum company established in Chicago, plans to realize the company's growth targets for North America.

Assan Alüminyum aims to "Shape the Future Together" with its business partners. Together with its core values of reliability, flexibility, innovation and sustainability, it creates trust-based and long-term relationships with its business partners and develops flexible solutions tailored to them. Shaping its production and management processes in line with the motto "We Produce Without Consuming the Future", Assan Alüminyum leads the sustainability practices in the sector. It aims to create a sustainable ecosystem by encouraging its stakeholders to contribute to the field of sustainability, sharing its knowledge and opportunities. Assan Alüminyum focuses on risk management in all of its activities in line with the governance concept, one of the most important components of sustainability, in order to make its long-standing business culture with its business partners sustainable. Thanks to the expert team that performs effective risk management within the

company, it is possible to create future predictions, to take measures against possible risks and to systematically realize proactive management that will save time and resources. Assan Alüminyum has been certified by the independent organization Great Place to Work, which provides consultancy services to companies of all scales to build perfect workplaces, regardless of the sector.

Assan Alüminyum, which strives to create long-term value in the axis of environment, social and governance basic components, reduces the carbon footprint of the company with its renewable energy production facility, integrated recycling facility and energy efficiency projects that it realizes every year, and strives to leave a more livable world to future generations with social responsibility projects that contribute significantly to sustainability. Leading the continuous casting technology on a global scale, Assan Alüminyum continues to create value by developing innovative solutions for all its customers and stakeholders with the studies it carries out in the R&D Center registered by the Turkish Ministry of Science, Industry and Technology.

We are Turkey's **35th largest industrial company** with **1,500 employees**.

Our production capacity: **300,000 tons per year**.

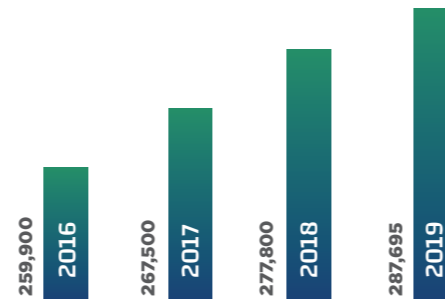
600 customers and 100 application areas.

We produce more than half of the total aluminium and foil produced in Turkey.

We export approximately **80%** of our production.

We are the world leader in **continuous casting technology**.

Total Production - tons



OUR VISION

To be a company with a global culture that exceeds customer, employee and shareholder expectations, continues to increase international growth.

OUR MISSION

Being the preferred supplier by offering our customers the right combination of quality, service level, innovation and price in order to create value for our stakeholders.

Leaving a more livable world to future generations with sustainable production methods.

Creating a modern and safe working environment for our employees.

Striving to achieve operational excellence in all aspects of our business.

Strengthening our brand with every activity.

OUR BRAND VALUES

• **Reliable:** Our partners can be confident that we will provide high quality products and services that meet their needs and support them when they need it.

• **Flexible:** We work diligently to understand customer needs and provide solutions that meet these needs with our adaptability.

• **Innovative:** We make useful innovations in all aspects of our products and processes, using our experience and expertise.

• **Sustainable:** By combining our expertise with our customers, we use the advantages of aluminium to shape a more sustainable future together.



OVER **60%** OF TURKEY'S ALUMINIUM FRP & FOIL PRODUCTION

35th LARGEST TURKISH INDUSTRIAL COMPANY

ONE OF THE BEST WORKPLACES

300,000 TONS CAPACITY



CREATING THE FUTURE TOGETHER

EXPORTS **%80** OF SALES

WORLD-LEADER IN CONTINUOUS CASTING

600 CUSTOMERS **100** APPLICATION AREAS

1,500 EMPLOYEES

SUSTAINABILITY AT ASSAN ALÜMİNYUM



Uncertainties in the global economy, social instability, increasing digitalization, deteriorating ecological balance, rapidly changing global agenda have carried the criterion of being a globally successful company far beyond short-term profit increase. The channels that provide instant access to information, the changing demands of young employees and consumers, threats to public health, adaptation to increasing and changing regulations, the widespread use of green economy and responsible financing practices have encouraged organizations to create sustainability strategies integrated with business processes.

As a Kibar Holding company, we adopt a participatory, innovative, reliable, environmentally sensitive and people-oriented management approach. We position sustainability as our fourth brand value alongside "Reliability", "Flexibility" and "Innovation". We strive to integrate economic, social and environmental factors into decision-making mechanisms in all strategic and operational processes.

Assan Alüminyum, which has adopted a human-oriented management approach since its establishment, is focused on a stable economic growth model that considers social and environmental factors.

The principles of honesty and reliability defined as the core values of Kibar Group by Asim Kibar, the founder and honorary president of Kibar Holding, corporate governance tradition, innovative perspective, business ethics understanding, social responsibility culture and United Nations Global Compact are the guides of Kibar Group in the field of sustainability. We shape this deep-rooted tradition with our sectoral requirements and corporate engagements. With our motto "We Produce Without Consuming the Future", we strive to produce aluminium sustainably and to become a preferred employer and business partner.

ALUMINIUM STEWARDSHIP INITIATIVE (ASI)

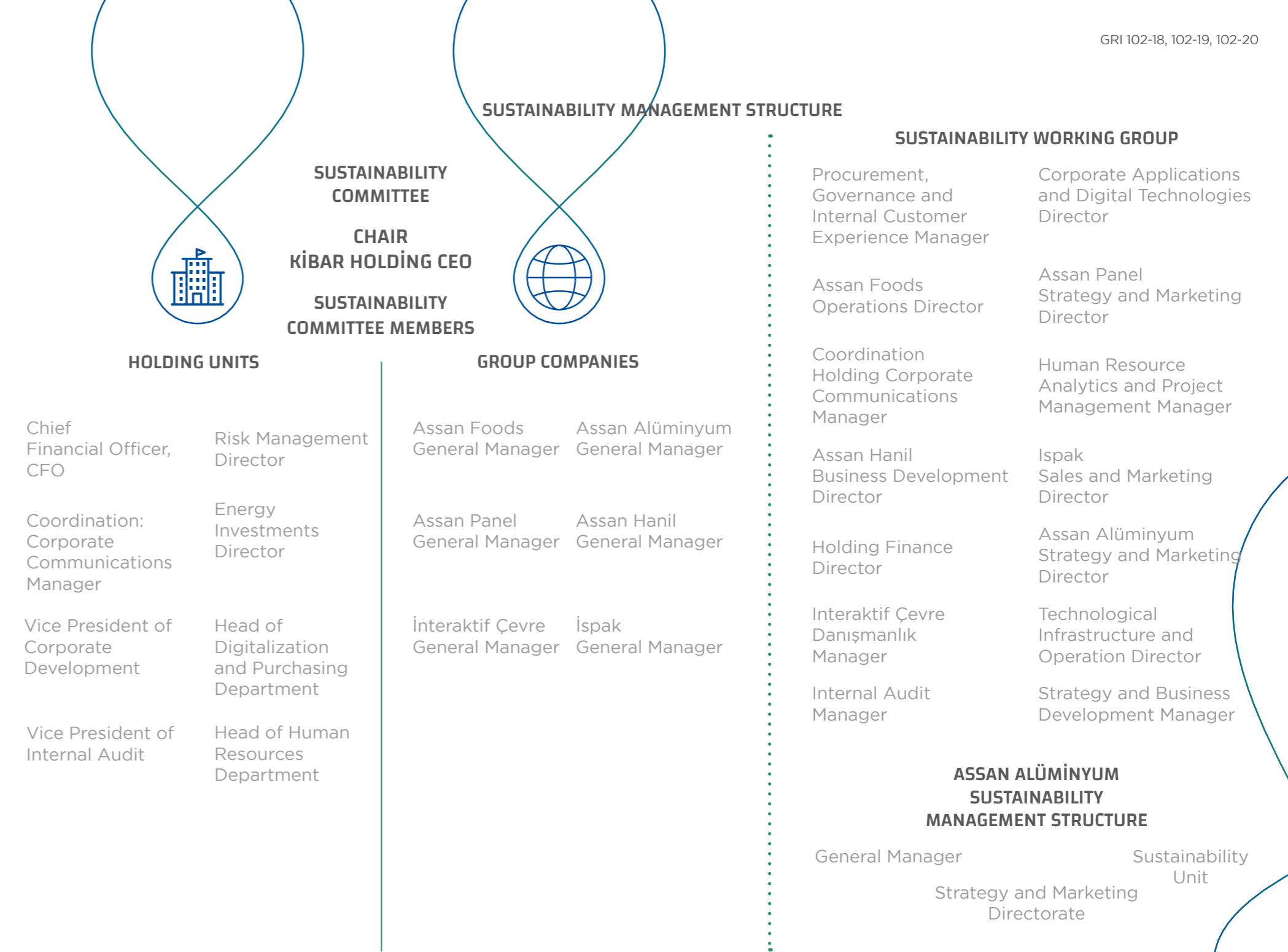
We support ASI Principles, the first global sectoral standard in the field of sustainability in our industry. ASI Standards guide the integration of sustainability (environmental, social and governance) elements throughout the aluminium value chain. We work to improve our sustainability performance in line with ASI Standards in a wide range from environmental impacts, working conditions, supply chain management to human rights. We aim to complete our ASI certification studies in 2020, which we started in 2019.

SUSTAINABILITY MANAGEMENT

Sustainability management at Assan Alüminyum has been established in a multi-layered and participatory manner in an integrated structure with Kibar Holding. We are a member of the Sustainability Committee and the Sustainability Working Group, which constitute the sustainability management structure of Kibar Holding.

The chairmanship of the Sustainability Committee is carried out by the Kibar Holding CEO. The Committee consists of Holding function managers and general managers of Group companies. The Sustainability Committee determines the sustainability approach of the Group, formulates its policies and strategies, prepares an action plan, determines goals and monitors sustainability performance.

The Sustainability Working Group consists of the relevant managers of the Holding and Group companies. The Working Group implements the action plan determined by the Sustainability Committee and ensures that the strategy is spread to the entire Group. Assan Alüminyum Strategy and Marketing Director, representing our company in the Sustainability Working Group, is responsible for the execution of our company's sustainability activities. It is planned to establish a Sustainability Unit within the same directorate in 2020.





Assan Alüminyum Manavgat Facility

HOW DID WE SET OUR PRIORITIES?



Resources we refer to when determining our sustainability priorities:

- Corporate strategies
- Corporate values
- Stakeholder expectations
- Global sustainability trends
- Sectoral requirements
- Kibar Group 2025 Sustainability Strategy
- ASI requirements
- Institutional engagements
- UN Global Compact
- UN Sustainable Development Goals

Sustainability management is a model that is carried out based on priority issues and whose organization is shaped around these issues. For this reason, we have determined our sustainability priorities in the first place in order to form the Assan Alüminyum Sustainability Strategy.

- In the prioritization study, we first created a subject universe consisting of issues that may be important for the companies within the scope of Kibar Group's sustainability reporting.
- We narrowed the broad subject universe by evaluating it with the members of the Kibar Group Sustainability Working Group.
- We presented the issues we identified to the evaluation of Kibar Group employees and external stakeholders, including Assan Alüminyum.
- We asked the participants to evaluate these issues in the context of the impact, risk and opportunity they may create for Assan Alüminyum.
- Participants also evaluated global trends that may affect Assan Alüminyum's business model and the UN Sustainable Development Goals that the company should contribute to.
- Assan Alüminyum employees and external stakeholders participated in the survey study conducted.
- We evaluated the survey results in a workshop. In the workshop, we determined our priority issues, global sustainability trends that are likely to affect our business processes, and the UN Sustainable Development Goals to which we contribute.
- The determined priority issues formed the basis of Assan Alüminyum Sustainability Strategy Vision 2025.

OUR SUSTAINABILITY STRATEGY AND PRIORITY ISSUES

After the determination of our priority issues, we created Vision 2025, our sustainability roadmap based on the Kibar Group 2025 Sustainability Strategy, where we also consider our sectoral priorities. Vision 2025 defines the sustainability priorities and our sustainability axis that we will focus on in our company between 2020-2025. We have created our business plans in order to achieve the targets determined within this strategy.

We focused Vision 2025 on the axes of "More Satisfied Stakeholders", "Better People" and "A Better World". We determined our priority issues corresponding to these areas and the UN Sustainable Development Goals to which we contribute.



WHAT ARE WE AIMING?

Within the scope of Vision 2025, we aim to both increase our sustainability performance and contribute to the UN Sustainable Development Goals with the goals we set for the 2020-2025 period.

Performance Area	2025 Target
More Satisfied Stakeholders	<ul style="list-style-type: none"> Working towards the target of "0" customer complaints Ensuring the continuity of the owned product and process certifications Completing ASI certification Maintaining academic cooperation in the field of R&D Starting the supplier development program
Better People	<ul style="list-style-type: none"> Receiving the "Great Place to Work" Certificate and be listed as "Employer of Choice" Increasing employee commitment 5 points for office employees and 4 points for field employees Designing and implementing a new leadership program for each first and mid-level manager managing office and field employees Performance above EA averages by improving Occupational Health and Safety statistics Starting a social responsibility project for at least one of the SDGs that we have determined as material
A Better World	<ul style="list-style-type: none"> Reducing our energy intensity (GJ/ton) by 5% with respect to 2017-2019 averages Reducing our carbon footprint through our own renewable energy production Continuing to support biological diversity efforts Better understanding our environmental impact by analyzing the life cycle assessment of our products Making projects to reduce our primary aluminium use

OUR CONTRIBUTION TO SUSTAINABLE DEVELOPMENT GOALS

The Sustainable Development Goals (SDGs) announced in 2015 are a call for governments, companies and non-governmental organizations to collaborate and act in areas critical to the common future.

As Assan Alüminyum, we support the United Nations Sustainable Development Goals. We see our contribution to these goals as an important component of the value creation process. In line with our activities, we directly contribute to 9 goals that are mainly in the impact area.



3 Good Health and Well-being:

As an industrial company, we strive to provide the best possible health conditions for our employees through occupational health and safety practices.



4 Quality Education:

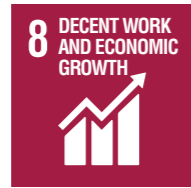
We prepare our employees for the competencies of the future with development programs. We improve children's access to education with our social benefit investments in education.



7 Affordable and Clean Energy:

We generate electricity from renewable energy sources. We develop products that contribute to a low carbon economy. We reduce our energy and emission intensity through energy efficiency projects and awareness studies.

intensity through energy efficiency projects and awareness studies.



8. Decent Work and Economic Growth:

We strive to provide a fair workplace for our employees. In our purchasing processes, we take international standards as a guide, we attach importance to the issues of avoiding child labor and forced labor and ensuring fair working conditions. We produce value-added products and support the national economy with the investments we make in R&D and innovation.



9. Industry, Innovation and Infrastructure:

We focus on the development of high-performance, sector-specific, value-added products, with the work we carry out in our registered R&D Center. We consider strengthening our R&D competencies as one of our main strategic goals.

We consider strengthening our R&D competencies as one of our main strategic goals.



10. Reduced Inequality:

We ensure equal opportunities for our employees with a performance-based management system. We ensure that our suppliers sign the Kibar Group Framework Agreement and that an unfair practice is not made due to characteristics such as language, religion, race and gender.



12. Responsible Consumption and Production:

We provide accurate information to our customers about our products. We support a low carbon economy and adopt a circular economy and an

innovation-based production model. With effective waste management, we increase reuse and prefer environmentally friendly disposal methods.



13. Climate Action:

We evaluate the effects of climate change on our operations in our risk processes. We work to minimize the negative effects of our activities on the environment.

We increase energy efficiency, reduce our energy and emission intensity, and generate electricity from renewable energy sources.



17. Partnerships to Achieve the Goals:

As a member of Kibar Group, we adopt the principles and objectives of the United Nations Global Compact. We do not compromise our business ethics and corporate governance principles.

We become a part of sectoral initiatives in the field of sustainability. We collaborate to support a low carbon circular economy.

RELATIONS WITH OUR STAKEHOLDERS

We consider providing accurate and timely information to all our stakeholders as our corporate responsibility. For this reason, we maintain stakeholder communication on many platforms specially prepared for different stakeholder groups. We are increasing our corporate knowledge with numerous non-governmental organizations, global and sectoral initiatives that we are a member of and support.



Affiliated Organizations

- Alupro** The Aluminium Packaging Recycling Organisation
- EAFA** European Aluminium Foil Association
- GLAFRI** Global Aluminium Foil Roller Initiative
- EA** European Aluminium Association
- WGM** Metal Wholesalers of Semi-Finished Goods Association
- ECCA** European Coil Coating Association
- TALSAD** Aluminium Industrialists Association of Turkey
- İMSAD** Construction Materials Manufacturers Association
- BEYSAD** White Goods Manufacturers Association
- FASD** Flexible Packaging Manufacturers Association
- İMMİB** Istanbul Mineral and Metals Exporters Association
- DEİK** Foreign Economic Relations Board
- CEFLEX** A Circular Economy for Flexible Packaging
- NCCA** National Coil Coating Association
- AA** Aluminium Association

Initiatives We Support

We support the UN Global Compact and the Business World Plastic Reduction Initiative, of which Kibar Holding is a part of.



ALUMINIUM LIFE CYCLE AND OUR VALUE CREATION MODEL

1 Extraction, Refining, Melting

Alumina from bauxite ore, primary aluminium is obtained by electrolysis of alumina.

Our focus areas: Responsible purchasing practices

We adopt responsible sourcing principles.

2 Casting, Rolling and Painting

Along with the scrap generated in primary and recycled aluminium production, it is used as input for aluminium sheet and foil production. For some usage areas, aluminium sheet is painted in a coil painting line.

Our focus areas are: Occupational health, energy and emission management, water consumption

We are working to make our operations more sustainable.

3 Final Product Production

Aluminium sheets and foils are turned into final products and used in many sectors such as packaging, distributor, construction, durable consumption, automotive and heating-cooling.

We work to bring our customers together with the right products.

4 Product Use

All products are used according to their product life.

We are working for the widespread use of aluminium, which is an environmentally friendly and safe material by nature.

5 Recycling

The aluminium that completes the product life is reused in production.

Our focus areas: Circular economy

We are working to increase the reuse of aluminium, which can be recycled endlessly.

Assan Alüminyum's own processes

Processes other than Assan Alüminyum

- better people
- more satisfied stakeholders
- a better world

INPUTS

Stable financial structure, deep-rooted corporate governance and business ethics understanding, effective risk management, qualified workforce, R&D competencies, brand reputation, responsible supply chain management, OHS management

Energy, primary aluminium, scrap aluminium, alloying elements and additives

Energy

PROCESSES

Casting & Rolling

Pre-Painting

OUTPUTS

Coil & sheet, foil and pre-painted products

Waste, environmental impacts

Financial value for all stakeholders, know-how, employee satisfaction, brand reputation, effective customer relationship management, safe and environmentally friendly products, positive stakeholder relations

STRATEGIC GOALS

More Satisfied Stakeholders, Better People, A Better World

MORE SATISFIED STAKEHOLDERS

At Assan Alüminyum, we work to produce better, more environmentally friendly, more innovative, more robust, more reliable products. We manufacture our products to the highest possible quality and safety standards. We continue our R&D and innovation studies to expand our product range and provide creative solutions to the needs of customers. We care about digitalization; we work with Industry 4.0 principles.

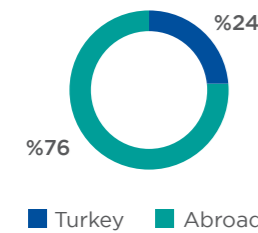
Aluminium is one of the most abundant elements in the world. Even if we continue with today's pace of consumption, there is enough aluminium resource for humanity for 3,000 years. In addition, aluminium can be recycled infinitely and 100%. Therefore, aluminium is an alternative that is increasingly used in many different sectors all over the world. We are working to bring all our customers together with this environmental material.

OUR PRODUCTS

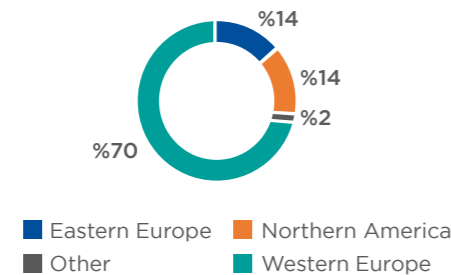
We serve many sectors such as packaging, construction, durable consumer goods, automotive and energy with our coil, sheet, foil and painted aluminium products. We sell our products to more than 70 countries in 6 continents.

Capacity (KTPY)	Thickness (mm)	Width (max. mm)	Outer Diameter (max. mm)	Alloys	Temper
Coil & Sheet	200	0.18-6.0	2,200	1XXX, 3XXX, 5005, 5754, 5052, 8XXX	Soft-O, H12, H14, H16, H18, H19, H22, H24, H26, H28
Foil	100	0.007-0.2	1,600	1XXX, 3XXX, 7072, 8XXX	Soft-O, H18, H19, H22, H24, H26
Painted**	60	0.2-3.0	1,550	1XXX, 3XXX, 5XXX	Hx2, Hx4, Hx6, Hx8

OUR SALES



REGIONS WE EXPORT TO%



WHY ALUMINIUM?

Prevalence: Aluminium is the third most abundant element in the earth after oxygen and silicon.

Barrier Protection: The barrier protection provided by aluminium foil against light, gas and moisture is the main reason for its use in flexible packaging products for food, beverage and technical applications. By providing full protection for flavors, it extends the shelf life of sensitive products and extends the expiration date. Aluminium packaging saves energy by protecting products for a long time without the need for cooling.

Mechanical Properties: Aluminium has an excellent sealing feature due to its light but strong structure and its ability to remain the same after being folded.

Easy Shaping and Durability: The shape, thickness, alloy and consistency can be selected according to the desired performance characteristics. Since it is very soft, it can be easily reshaped without losing its barrier properties.

Lightness and Small Cover Area: Aluminium, which is a light material, is economical in terms of transportation and storage.

Structural Stability: Aluminium helps lighten buildings, foundations and transportation vehicles, giving rigidity and stability to light honeycomb structures.

Recyclability: Aluminium can be recycled 100% and forever without loss of quality. The recycling process of aluminium requires 95% less energy compared to original production.

Recovery: If aluminium foil is not collected for reprocessing but burned in furnaces, most of the thin laminated foil material is oxidized and energy that can be recovered is released. The remaining unoxidized aluminium can be separated from the ashes in the furnace and used for reprocessing.

Heat Performance: Aluminium foil has high thermal conductivity. It is resistant to all kinds of temperature changes, from freezing temperatures to cooking and frying temperatures, with no risk of deterioration, melting or sudden cracking.

Hygiene: Due to the high temperature annealing process, aluminium foil becomes completely sterile after production. Safe for contact with foodstuffs.

Decorative Potential: Aluminium foil allows different designs with its compatibility with all printing technologies.

Reflection feature: Aluminium foil reflects light and infrared heat up to 98%. Therefore, energy is saved in insulation. The isolation task includes protection against fire.

Electrical Conductivity: Aluminium foil is protective against magnetic and radio frequency emissions. It acts as a "tracer" in testing the strength of aluminium foil cable connections used in fiber optic cables. In cable coils, the electrical conductivity of the foil enables the cable circuit to be controlled as a whole.

PRODUCT QUALITY AND SAFETY

At Assan Alüminyum, producing high quality and reliable products and ensuring customer satisfaction are the business priorities we manage with the highest standards.

MANAGEMENT SYSTEM AND QUALITY CERTIFICATES

ISO50001: Energy Management System

ISO-IEC27001: Information Security Management System

IATF16949: Quality Management System

ISO9001: Quality Management System

ISO14001: Environmental Management System

TS18001 (OHSAS): Occupational Safety Management System

CE: EU Certificate of Conformity

NSF: International Health Organization Certificate of Conformity

Kosher: Kosher Food Compliance Certificate

ISPM15: Wooden Packaging Materials Compliance Certificate

Authorized Obligation Status

ISO 31000: Enterprise Risk Management System

Within the scope of compliance with REACH and similar regulations, we take samples from all the products we produce every year, have REACH tests done in accredited laboratories, and create a "Declaration of Conformity".

We make our production in accordance with the NSF (National Sanitation Foundation) certificate and the Business Registration Certificate issued by the Ministry of Food, Agriculture and Livestock, and we ensure consumer health. We aim to complete our Food Safety Management System works in 2020, which started in 2019.

We receive external audits from independent organizations and internal audits by the QMS (Quality Management Systems) unit to ensure product quality. We are subject to many customer audits throughout the year.



OUR QUALITY JOURNEY



AUDITS WE ARE SUBJECT TO

External Audits:

IATF 16949 (Automotive Quality Management System)
ISO 9001 (Quality Management System)
ISO 27001 (Information Security Management System)
CE (European Conformity)
NSF (National Sanitation Foundation)
KOSHER (Registration Certificate of Products Produced in Accordance with the Jewish Faith)
ISPM 15 (Wood Packaging Materials Heat Treatment Applications)
TSE (TS EN 485-1, TS EN 1386)

Internal Audits:

IATF 16949 Process
IATF 16949 Process
IATF 16949 Product
ISO 27001 BGYS
CE
NSF
KOSHER
ISPM 15
TSE



CUSTOMER SATISFACTION

We help our customers to make the right product choices and organize technical trainings every year. We prepare social media content and e-bulletins to share our company agenda with our customers. We organize routine assessment meetings with our domestic authorized dealers and business partner meetings with all our customers. In 2019, we made 1,264 customer interviews and tried to answer their needs in the most accurate way. We conduct annual independent customer satisfaction surveys. Our customer satisfaction score for 2019 was 87%. In the SWOT analysis prepared after the Customer Satisfaction Survey, we report to the relevant departments the issues that our customers care about and need improvement and prepare action lists based on departments. We are committed to protecting our customers' information security and not sharing it with third parties

OUR R&D AND INNOVATION



WE DESIGN THE FUTURE WITH OUR R&D CENTER

We carry out our research and development activities in the R&D Center registered by the Ministry of Science, Industry and Technology. With our R&D studies, we focus on the development of high performance, sector and customer specific, value added products. We consider strengthening our R&D competencies as one of our main strategic goals and equip our laboratories with devices that can carry out advanced characterization techniques.

We attach importance to academic collaborations. We continue our work within the scope of a 4-year cooperation agreement we signed with Vrije University in 2017. We received technical consultancy services from the Middle East Technical University within the scope of the TÜBİTAK project.

Within the scope of our cooperation with an academic from Koç University, we continued to receive academic consultancy services on

In line with our sustainable development goal, we constantly review our operations, closely follow the technology and developments in the world with Industry 4.0 applications that increase efficiency.

Assan Alüminyum aims to carry the Continuous Casting Technology beyond its known limits in order to increase its global competitiveness. For this purpose, the company forms the basis of its R&D strategy by conducting basic research in materials science, designing relevant processes and developing high-performance products that meet customer expectations at the highest-level.

determining the solidification rate through experimental microstructure simulation.

We have received academic consultancy services within the scope of the experimental design and development of additives compatible with rolling oil in cooperation with an academic from Izmir Institute of Technology.

In order to increase in-house entrepreneurship, we are also a participant in the Asım Kibar Mavi Damla Awards Project, organized by Kibar Holding to reveal the innovative ideas of its employees and to share success stories with Group companies (For details: page 41).

In 2019, we allocated more than 8.5 million TL for our R&D studies.

For the details of our R&D studies:
<https://www.assanaluminyum.com/en/r-d/r-d>

2019 HIGHLIGHTS

With the project we started to implement in 2019, we aim to produce foils with a thickness of less than 7 microns that appeal to all areas of use that are not produced in our country.

We have developed a project to increase corrosion resistance with the addition of rare earth elements in 3000 series brazing alloys, which are widely used in industrial, domestic and automotive heating and cooling systems. With the project, we aimed to ensure that continuous casting products can easily take place in the application area markets that require higher performance by adding a low rate of rare earth elements to the material structure, and to reduce carbon emissions with low energy consumption.

We have developed a new type of rolling oil additive that has the same or superior properties by using a smaller amount in aluminium sheet and foil rolling operations. In this way, we ensured faster and lower cost additive performance to work smoothly in aluminium rolling mills.

HIGHLIGHTS IN 2019

The "Cast & Roll" program, which we started in 2019, is a multidimensional program that targets the digitalization and automation of all business processes and contains fifteen information technology projects. With the projects within the scope of the program, the development of advanced planning systems and processes, the development of CRM (Customer Relations Management) systems, the execution of MES (Manufacturing Execution System) projects, and the full automation of Procurement-2-Pay processes with TYP (Supplier Management Portal) are targeted.

The digital transformation project of the production area gained speed with the application of MES to pilot looms, automatic OEE (Overall Equipment Effectiveness) measurement and melt charge optimization applications in casting operations.

We implemented the Edi Project to ensure automatic integration of data exchange with customers. With the project, we aimed to provide data flow and effective communication without being dependent of the person. We also included the up-to-date tracking of customer order information from SAP.

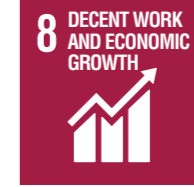
We aimed to provide instant comprehensive access to customer data with mobile sales integration.

DIGITALIZATION

At Assan Alüminyum, we carry out digitalization studies in order to increase efficiency, reduce our environmental footprint and reduce the error rate by reviewing our business processes. Digitalization is a corporate priority for us as a company that makes innovative investments that requires intensive R&D activities and continuously develops products according to the needs of customers.

In addition to the company-specific works in Assan Alüminyum, Assan Bilişim also has digitalization activities carried out within the entire Kibar Group. Within the scope of the Group IT business model prepared in 2019, Digital Transformation Directorate was established under Assan Alüminyum General Manager. In addition, a Corporate Applications and Digital Technologies Directorate responsible for digitalization studies was established within the Group at Assan Bilişim. With this new business model, it was aimed to manage company digitalization priorities in line with the Group's IT strategies, to increase synergy and cooperation in digital transformation efforts throughout the Group, and to spread good practices.

BETTER PEOPLE



At Assan Alüminyum, we are working to increase the satisfaction of all our stakeholders. In order to be a preferred employer and business partner, we listen to the expectations of our employees, business partners, customers and suppliers, and constantly improve our processes.

EQUAL OPPORTUNITY AND GENDER EQUALITY

We aim to be a fair, participatory employer that respects diversity. As per Kibar Holding Human Resources Policy, we are against all kinds of discrimination that may occur due to differences such as language, religion, race and gender. We carry out various activities in order to prevent gender inequality and to encourage women's participation in business life. In 2019, 27 of our female colleagues started to work in our company.

In 2019, we once again won the "Respect for Human Award" given by Kariyer.net every year. We have prepared lactation rooms for our breastfeeding employees.

HUMAN RIGHTS AND OUR EMPLOYER APPROACH

Assan Alüminyum offers its employees a business life in which human rights are protected, occupational health and safety is prioritized, professional development is supported, fair and equal opportunities are given, and trade union rights are respected.

At Assan Alüminyum, human rights are secured in accordance with the Universal Declaration of Human Rights and the Global Compact and the provisions announced by national and international legislation. Systems and processes have been defined to prevent all kinds of discrimination, child labor, forced and compulsory labor practices.

We expect our suppliers and business partners to meet similar working norms, follow the practices of suppliers and contribute to the improvement of conditions. (For details: Sustainability in Supply Chain, page 44).

EMPLOYEE DEVELOPMENT AND TALENT MANAGEMENT



At Assan Alüminyum, we carry out our employee development practices in an integrated manner with Kibar Holding. In Kibar Group, we participate in various training and development activities carried out with the aim of continuously improving the professional knowledge, skills and personal competencies of our employees with a "lifelong learning" approach.

Programs designed by considering the needs of employees contribute to the strengthening of in-company and in-group communication. In 2019, we provided our employees with 8,890 hours of training, as well as 24,892 hours of OHS training and 3,213 hours of environmental training. We provided 531 hours of OHS training and 59 hours of environmental training to contractor company employees. In 2019, we also provided performance feedback to 1,493 employees.

Our Future is Inside

In 2019, "Our Future is Inside" platform was established in order to make career opportunities

within the Group visible to our employees and to give them priority. On this platform, vacancies opened in all Group companies were published and awareness and career mobility among group companies were achieved.

The "Power is With Us" Development Programs

In Kibar Group, all development programs carried out by the Holding were gathered under a single roof and Power is With Us Development Programs were created. With programs in different segments, from leadership development to training internal trainers and mentors, it was aimed to continue the culture of development in the Group and to increase the culture of learning from each other.

Following programs were implemented within the scope of the project:

- Power Is With Us - Leadership Development Program**
- Power Is With Us - Managerial Development Program**
- Power Is With Us - Expert Development Program**
- Power Is With Us - Development Ambassadors (internal training and mentoring)**
- Power Is With Us - Those Who Succeed Together HR Development Program**
- Power Is With Us - Game Changers**

IN 2019, WE PROVIDED 36,995 HOURS OF TRAINING TO OUR EMPLOYEES AND 590 HOURS OF TRAINING TO CONTRACTOR COMPANY EMPLOYEES.

Kibar Career School

Kibar Career School is a corporate development platform where Kibar Group's continuous development and learning culture from each other and development activities that will support its sustainable growth come together. In this platform, employees are enabled to discover their strengths and aspects open to improvement. In the school, a series of technical tools such as development center applications, internal trainings to support learning from each other, development programs to support competence and technical development, distance learning tools are used.

With the programs organized under the umbrella of Kibar Career School, the competencies, professional and technical knowledge and skills of the employees are increased. With the advantage of being a multi-company Group, inter-company rotation and job change of employees evaluated in the talent group are supported.

Development Ambassadors

The Development Ambassador Training Program was implemented in order to perpetuate the culture of sharing in Kibar Group and to spread learning from each other. Volunteer employees, who are named as Development Ambassadors within the scope of the program, share their knowledge and experience with classroom training in their own companies or Group companies.

Leadership Trainings

Power is With Us - Managerial Development Program, consists of two modules and targets the first and middle level managers in Kibar Group. In the

"I Develop My Leadership" module of the program all managers are provided with the opportunity to develop in subjects such as feedback, appreciation and recognition, and creating an atmosphere of trust. In the "I Am Developing My Management" module, the participants who learn the strategies and tools regarding HR practices from internal trainers are given the necessary tips to manage their teams more effectively.

In the "Power Is With Us - Leadership Development Program" targeting Directors and General Managers, organizational climate and leadership styles are studied. In this process, "Learning From Each Other Days" are organized in order to support the culture of learning from each other.

Assan Alüminyum has a "Leadership Development Program" that has been going on for 4 years. The work that started with Sabancı EDU in 2015 was redesigned in 2018 with Adler for elementary and middle-level managers. With this program, it was aimed for managers to gain skills in subjects such as appreciation, listening, asking the right questions, giving feedback, and raising awareness.

In 2017, all employees at the level of Director and above started to receive one-on-one coaching from Adler. All managers who were newly promoted and joined the company later continued to receive coaching.

Another important leadership program that was launched in December 2019 is the "Shift Officers Development Program". With this program, 110 Shift Officers were included in a comprehensive leadership program. "Learning From Experience" meetings are held monthly under the moderation of our HR Director, aiming to share information in different managerial areas. Our employees attend these meetings, where subjects are determined interactively.

EMPLOYEE PARTICIPATION AND COMMUNICATION

Assan Alüminyum sees a participatory business environment as the key to both employee satisfaction and corporate success. We include the expectations and suggestions of our employees in decision processes. Employee opinions are collected through the Employee Opinion Survey conducted by an independent institution since 2014. According to the results of the research conducted in 2018, our employee satisfaction score was 65, and the employee confidence index survey conducted within the scope of Great Place to Work in 2019 was 70/100.

The results of the survey are examined, and necessary improvement work is carried out in line with the feedback.

Maestro

The Human Resources Information System-Maestro, which was previously used only by office employees in Kibar Group, was opened to field employees (blue-collar employees) in 2019. Thanks to this application, which is a pioneer in the world and in Turkey, employees can access their personal data when they log into the system, and they can carry out basic human resources activities such as annual leave planning and payroll viewing from this platform.

BizPlus Appreciation, Recognition and Rewarding Program

With BizPlus, which was implemented in order to make achievements more visible, appreciated and rewarded in Kibar Group, managers can reward their colleagues in 6 different categories on the platform.



ASIM KİBAR MAVİ DAMLA AWARDS

The third of the "Asim Kibar Mavi Damla Award Ceremony", which was organized with the aim of making the distinctive achievements of Kibar Group employees visible, revealing their creative and innovative ideas, and sharing these success stories with Group companies, was held on September 20. For the Asim Kibar Mavi Damla Awards performed with the slogan "Every successful project starts with a drop of ideas and spreads in waves" 44 projects competed in the categories of "Digitized Ones", "Customers Making a Difference", "Shaping the Future With Innovation" and "Adding Value With Productivity".

K-TEAM

With the K-Team Young Talent Program, which was initiated in 2014 with the motto "Real Career Starts With Real Internship" in Kibar Group, it is aimed to discover young talents from the university period, develop these talents, prepare them for business life and prepare them for the sector with assistant specialist positions in Kibar Group.

The K-Team project was deemed worthy of the silver award in the "Best youth recruitment strategy" category at the Stevie International Business Awards and the Gold Award Winner (second prize) at the HR Brilliance Awards given by the UK-based BOC Global Events & Training Group.

BizFlex

In 2019, we launched "BizFlex", a flexible fringe benefits system designed to meet the needs and expectations of different generations, in Kibar Group. In this way, employees get the chance to personalize their fringe benefits in line with their needs. Corporate discount agreements were made for employees to benefit from in their private lives and gathered under "opportunities from Biz (us)". Agreements such as graduate discounts, language school agreements, gym discounts were created for them and their first-degree relatives.

GREAT PLACE TO WORK

As part of our efforts to become a preferred employer, we finished our preparation process for the "Great Place to Work" certificate in 2019. We also applied to be on the "Great Place to Work" list.

SOCIAL LIFE

Assan Alüminyum offers its employees a rich social life as well as professional success. In this way, we aim to create a happy and participatory work environment where employees can develop belonging.

KİBAR SPORTS FESTIVALS

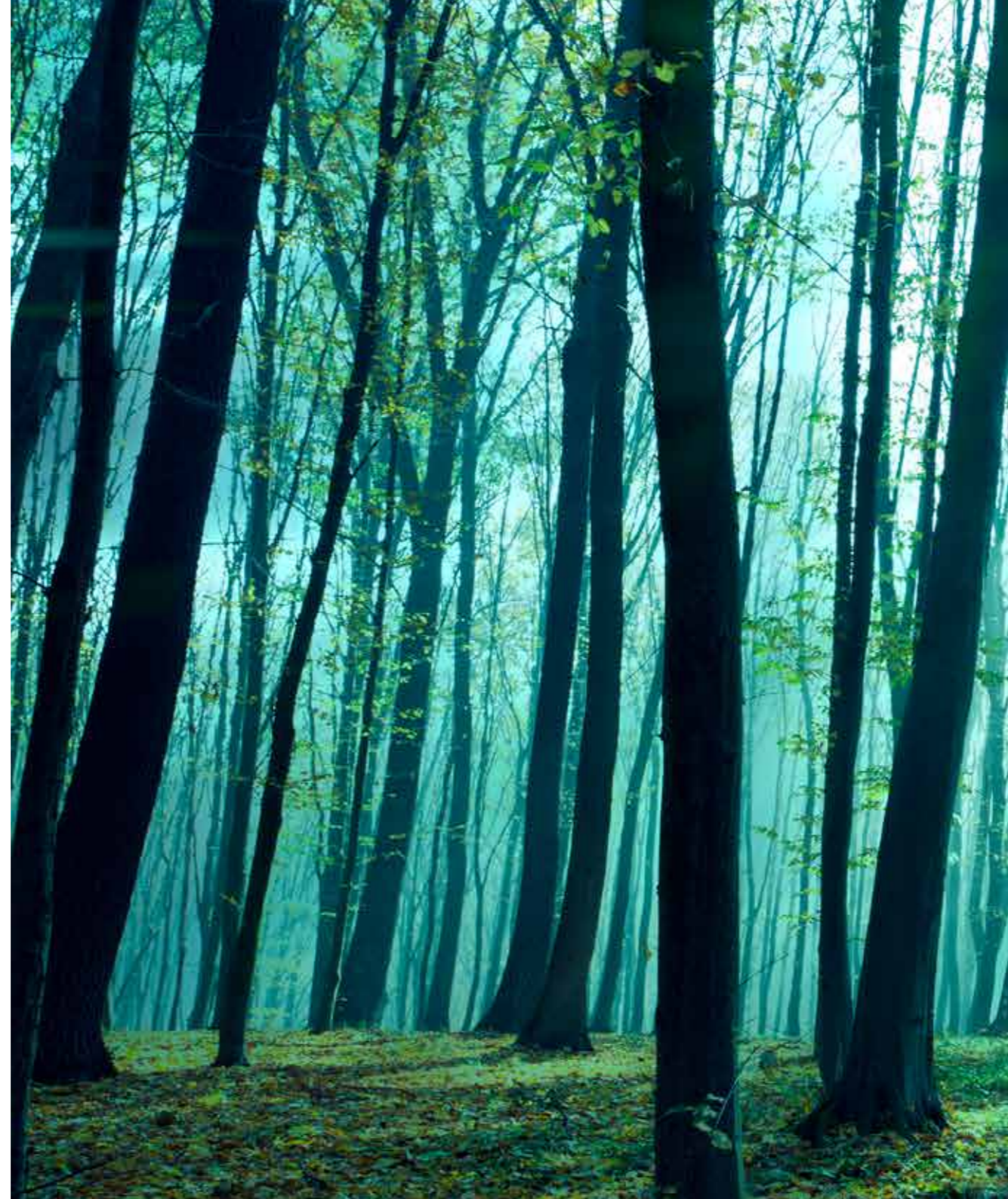
Organized for the 4th time in 2019 in the Kibar Group and became traditional, Kibar Sports Festival was held in 8 different branches, including football, volleyball, basketball, tennis, table tennis, swimming, athletics and bowling, with the participation of 788 employees from 15 companies of the Group.

Established in 2008, Assan Alüminyum Sports Club offers many opportunities such as kickboxing, yoga, pilates and folk-dance activities.

KİBAR GROUP EMPLOYEE SUPPORT PROGRAM AVITA

Avita, the employee support program, which was launched at the end of 2018 and is among the innovative human resources applications of Kibar Group, provides unlimited and free support service to Kibar Group employees and their families on issues they find difficult to find solutions, 24/7.

In the program, consultancy services are provided on many subjects such as psychology, medicine, legal, financial information services, healthy nutrition, ergonomics, technology, veterinary, social life and general information services. When necessary, face-to-face psychological support is provided free of charge for up to six sessions with the guidance of the clinical psychologists at the call center. In the program, which can be accessed through different channels such as phone, website and mobile application, the personal information of the employees is not requested, and the confidentiality principle is strictly followed.



OCCUPATIONAL HEALTH AND SAFETY

Occupational Health and Safety (OHS) processes at Assan Alüminyum are managed under the leadership of the OHS-E unit and the workplace doctor in line with international standards. At Assan Alüminyum, 32 employees and employee representatives take part in two OHS committees. Occupational Health and Safety committees meet every month. Assan Alüminyum OHS practices also include employees of subcontractors.

Risk assessments are made using the Fine Kinney method in accordance with the Occupational Health and Safety Risk Assessment Regulation and OHSAS 18001 / ISO 45001 requirements. Assan Alüminyum has the OHSAS 18001 certificate, and the ISO 45001 certificate is planned to be received in 2020. The dangers of all activities are determined, the risk level of these dangers is determined and action plans are prepared. Awareness is raised by sharing the identified risks with the employees.

Health risks in work areas are also evaluated, and preventive actions to be taken are determined. Necessary measures are taken in line realized environmental measurements. With the life coaching application, studies are carried out for a safer and healthier work environment. All facilities are subjected to regular hygiene tests. In order to protect the health of employees, influenza vaccination is

carried out under private health insurance. Chronic patients, pregnant and breastfeeding employees are followed up, and necessary precautions are taken during risky periods.

With the life coaching application, studies are carried out for a safer and healthier work environment. All facilities are subjected to regular hygiene tests. In order to protect the health of employees, influenza vaccination is carried out under private health insurance. Chronic patients, pregnant and breastfeeding employees are followed up, and necessary precautions are taken during risky periods.

We inform our employees about the precautions to be taken against all risks through Occupational Health and Safety Handbook, Life Safety Program Information Booklet, ISO 14001 Environmental Management System Information Booklet and trainings. We offer our employees the right to refuse dangerous jobs, we ensure that our employees report risks and take precautions with the "Accident Is Coming Form." We regularly organize OHS trainings every year. We keep the awareness in the field of health and safety high with the brochures and OHS film, the trainings held in the OHS Applied Training (Do-Jo) Area created in 2019, the health services provided by workplace physicians continuously.

During the reporting period, we provided our employees with 24,892 hours of OHS training. We provided 531 hours of OHS training to 1,179 subcontractor employees by spreading the OHS culture across the entire value chain.



SUSTAINABILITY IN SUPPLY CHAIN

Assan Alüminyum manages an integrated purchasing operation with Kibar Group. Kibar Group has a wide supplier network due to its large portfolio of companies operating in different sectors. The group works to ensure that the supply chain adopts corporate ethics and sustainability principles, so it prefers long-term business deals. The common purchasing structure of Kibar Group prefers suppliers that offer high technology, energy efficient products and services. The sustainability performance of the wide supply network consisting of more than 4,600 active suppliers is constantly monitored and improved.

Points taken into consideration in purchasing processes are defined with corporate documents and procedures. We expect all suppliers to comply with the Purchasing Ethical Rules, which is an integral part of the Kibar Group Code of Ethics. Procurement Procedures developed in accordance with the United Nations Global Compact include issues such as not employing child labor and forced labor, ensuring fair working conditions and reducing environmental impacts. The Kibar Group Framework Agreement is a document that is signed by all supplier companies and ensures that critical sustainability priorities are also adopted by suppliers. It defines in detail the rules that all suppliers must comply with on following issues: Kibar Group Business Ethics Principles, Anti-Corruption and Bribery, Forced Labor, Child Labor, Harassment, Remuneration, Working Hours, Non-Discrimination, People of the Region, Occupational Health and Safety, Environment, Biodiversity, Honesty, Quality and Continuous Development, Information Security.

Supplier risk assessment studies are carried out for all suppliers. All legal and environmental risks are included in this process. The supplier is expected to be able to prove that it fully complies with all legal regulations to protect the environment, human rights, health and safety conditions. For this purpose, the certifications of the suppliers are examined. In the evaluations made in 2019, no suppliers were found in the critical category due to their environmental and social impacts. No new supplier, which should be subject to environmental and social inspection, has also been identified.

SUPPLIER SELECTION CRITERIA

Supplier selections are made by considering the rules specified in the Group Purchasing Procedure and the Approved Supplier List.

The following features of the supplier firm are taken into consideration:

- Its development,
- Its future, stability and continuity,
- References, reputation and experience,
- Flexibility and support,
- Quality assurance,
- Financial structure,
- Authorization documents such as license, distributorship, agency,
- Technological competence,
- Partnership structure and other factors required by the relevant business area.

In purchasing items that may affect the product and production quality, before the company is added to the Approved Supplier List, the Purchasing department and related company units (Quality or Technical teams) make preliminary meetings, Quality and R&D departments carry out inspection and evaluation studies. With the companies that reach the enough score, the sample production and test phase start. Suppliers that are evaluated positively at the end of these stages are added to the approved supplier list. During the supplier selection stage, audits are organized for approved suppliers by making supplier classification regarding information security criticality.

Assan Alüminyum adopts local procurement practices as much as possible in order to increase the contribution of its activities to the national economy. In 2019, 80% of our 2,174 suppliers has been local companies.

TRACEABILITY IN SUPPLY CHAIN: CONTROL TOWER

In 2019, a Supplier Relations Management Structure was established to make supply chain flows traceable to standard processes on a single platform. The "Control Tower" application was implemented to create the necessary infrastructure to increase the level of monitoring and traceability.

AWARDS TO OUR SUPPLY CHAIN MANAGEMENT SYSTEM

We won the first prize in the "Most Innovative" category in the "Most Innovative Supply Chain Professionals of Turkey" and "Project Competition" organized by the Supply Chain Professionals Club. Our Supply Chain Director Semih Adakçı was also included in the 2019 "Most Effective Supply Chain Professionals of Turkey" list.

INFORMATION SECURITY

We aim for the highest standard of information security for our employees, suppliers, customers and business partners. We manage our information security practices in line with our ISO 27001 certification requirements.

Assan Bilişim Technological Infrastructure Unit, one of the Kibar Group companies, manages our IT infrastructure with an end-to-end discipline from data centers to end-user computers. In Kibar Group, cyber security includes not only protection from cyberattacks, but also the right to access data in an uninterrupted and consistent manner. Our information security risk map is determined annually with the joint work of Kibar Holding Risk Department and Assan Bilişim.

Classification, securing and anonymization of data within the scope of compliance with the Personal Data Protection Law are among the processes we carry out meticulously.



SOCIAL RESPONSIBILITY

In line with the principle of our Founder and Honorary President Asım Kibar, "We will continue to offer what we have gained from this society with our understanding of social responsibility", we carry out studies that contribute to the increase of the welfare level of the society. With our social responsibility efforts, we increase our contribution to the UN Sustainable Development Goals.

We continue to serve the society with our understanding of social responsibility.

SOCIAL BENEFIT INVESTMENTS

While investing in Turkey within education, health, and social life, under the roof of Kibar Education and Social Aid Foundation founded in 1999, Kibar Holding also creates values for societies. As Assan Alüminyum, we also support these values.

KIBAR VOLUNTEERS

A corporate volunteering program under the name of "Kibar Volunteers" was implemented in Kibar Group in 2018, in order to volunteer all Kibar Group employees and work for the environment and public benefit in solidarity. 545 Kibar Volunteers work actively on the platform where volunteering activities take place in 6 different fields. With the projects carried out, the aim is to increase awareness of social responsibility within the institution and to provide voluntary support of employees in areas in need.

At Assan Alüminyum, we donated saplings as part of the Breath for the Future campaign. As part of the Art in the Factory project, we purchased the paintings of 50 fine arts students to support art and education, we organized a book, toy and clothing donation event with TİDER (Basic Needs Association), and gave robotics training to children in Manavgat. We became the main sponsor of the Kartal Burak Bora High School Red Crescent blood donation campaign.

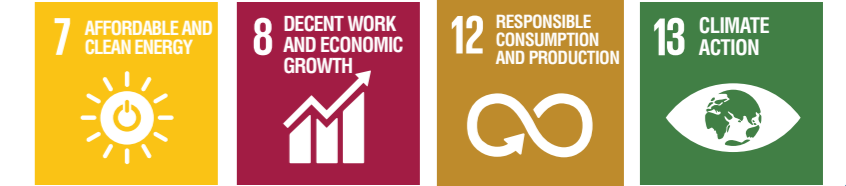
By conducting internship programs with vocational high schools in Tuzla and Dilovası, where our production facilities are located, we help students form their career plans, gain work experience and improve their social conditions.



A BETTER WORLD

A clean environment and a livable world are the greatest legacy we can leave to future generations. With this responsibility, we produce aluminium, an energy-saving material that can be recycled infinitely, while minimizing our environmental impact.

In our renewable energy facility, we reduce our carbon footprint with clean energy generation and aluminium recycling in our integrated recycling facility as much as the annual electricity consumption of our production facilities. With our R&D activities, we turn potential threats created by environmental problems into opportunities by developing environmentally friendly technologies and products. We allocated approximately 20 million TL for environmental expenditures in 2019.



As Assan Alüminyum, **"We produce the future without wasting it, for the healthy construction of tomorrow"**:

- use of renewable energy
- recycling
- less waste
- less emissions
- less energy and conscious resource use

With the awareness that natural resources are not infinite and unlimited, we act by considering future generations.

You can reach Assan Alüminyum Environmental Policy at <https://www.assanaluminyum.com/en/sustainability/life-safety-and-environment/occupational-health-safety-and-environment-policy>

OUR APPROACH TO BIODIVERSITY

For people to survive, there must be clean water and air, fertile soil, nutrients and various natural substances in their environment. Biodiversity ensures that all the needs of humanity needed for its existence are met by nature in a balance. All people and institutions have important responsibilities in order not to disturb this balance.

Assan Alüminyum continues its activities with the awareness of this responsibility. We follow the effects of our activities on natural life and take measures to reduce these impacts with the "producing the future without consuming" approach, which focuses on producing more with less impact.

Our company does not have production activities in areas that are sensitive to biological diversity and under protection. We also consider the effects of our investment and purchasing decisions on biodiversity.

In 2019, by sponsoring the Kocaeli University "Biodiversity Conservation Project", we supported the reproduction of endangered plants in a laboratory environment and bring them to the nature. In 2019, we donated saplings as part of the "A Breath for the Future" campaign. We contributed to biodiversity by planting 4,237 trees in the campus area, in order to balance carbon emissions, within the scope of the Business Partners Meeting we organize annually.

The Blue Star flower saved from extinction with "Biodiversity Conservation Project" supported by Assan Alüminyum.

OUR APPROACH TO COMBATING CLIMATE CHANGE

Climate change is one of the most important problems of our age that affects the whole world. Factors such as population growth, industrialization, urbanization, land use, increase in fossil fuel use and reduction of forests cause an increase in greenhouse gas emissions in the atmosphere and change in emission volumes. This situation increases global warming and brings along climate change.

In addition to the increase in global temperature, climate change is also effective in the change of weather events such as extreme rainfall, floods, severe hurricanes, ozone depletion, air pollution, drought, desertification, rise of ocean and sea level and deterioration of the ecosystem.

Climate change and diminishing natural resources directly affect natural life and the global economy. Changing climatic conditions create new needs, and decreasing types of raw materials must be replaced with rational alternatives. Assan Alüminyum continues its activities by considering the risks and opportunities created by changing climatic conditions.

A "Climate Change Risks and Opportunities" study was prepared by Kibar Holding Risk Management Directorate, in which the impact of climate change on Kibar Group and the risks and opportunities in the sectors of the group companies are analyzed. It is anticipated that natural disasters such as floods, storms and drought may increase in the coming years with climate change, and this situation

will have a direct impact on agriculture, water resources, energy and health sectors. Physical risks that may be caused by natural disasters with climate change, insurance costs that will increase with damages, possible new regulations and tax costs related to carbon emission and similar environmental issues, raw material and energy prices that are expected to increase due to depleted resources are the main risks. In addition, companies that make environmentally friendly production and adapt to customer expectations in this direction, investing in renewable energy resources will be able to both make a significant contribution to the society in the future and gain a competitive advantage.

Within the scope of efforts to combat climate change, Assan Alüminyum limits the negative effects of its activities on the environment, reduces energy consumption, increases energy efficiency, decreases energy density, generates electricity from renewable energy sources, and manages natural resource use with a sustainability approach.

Increasing global awareness on combating climate change brings business opportunities for Assan Alüminyum. Being an environmentally friendly material by nature, aluminium stands out as a preferred material because it reduces the environmental impact of the projects it is used in.

Closely following national and international developments regarding climate change, Assan Alüminyum is working to be among the important actors in a low-carbon future with the knowledge it has obtained from many sectoral organizations in which it is an active participant and the innovation studies it carries out.

ENERGY AND EMISSION MANAGEMENT

We continue our efforts to combat climate change by realizing energy efficiency projects and investments. With the 27 energy efficiency projects we implemented in 2019, we saved 2,878,268 KWh of energy and prevented 2,035 tons of CO₂ emission. We have implemented more than 70 projects in the last 6 years, our total savings reached 20 million KWh. Despite the increase in the amount of production, our energy and emission intensity decreased compared to the previous year.

RENEWABLE ENERGY INVESTMENT IN ASSAN ALÜMİNYUM

In 2019, with our Manavgat Hydroelectric Power Plant, we generated 553,626 GJ of electricity, which corresponds to 89% of our total electricity consumption, from renewable energy sources. In 2019, we saved 61 thousand tons of greenhouse gas emissions thanks to our renewable energy generation.

IMPORTANT ENERGY EFFICIENCY PROJECTS

A significant improvement has been achieved in electricity consumption per ton by renewal of the installations of 5 high flow inefficient pump motors in Tuzla Campus. Compressor energy consumption was improved by revising the ring system in the compressed air system of the Dilovasi facility. Unnecessary working units in the facilities were detected and stopped by automation. Thus, electricity consumption per ton has been improved.

You can reach Assan Alüminyum Energy Policy at
<https://www.assanaluminyum.com/en/sustainability/our-energy-policy>



WATER MANAGEMENT

Population, industrialization and increase in agricultural activities increase the demand for water and water pollution. Limited water resources require efficient use of water resources. Acting with this awareness, Assan Alüminyum continues the necessary studies to ensure sustainable water use.

In our operations, we use water for cooling the machines, washing and cleaning the board, moistening wood and fire extinguishing systems. We measure daily water consumption and chemical parameters. We analyze water resources weekly. Cooling water towers and chemical conditioning devices are controlled by the consulting firm. We conduct detailed water analyzes every two weeks. We measure monthly consumption and intervene in case of abnormal consumption by comparing it with past values. In order to increase water efficiency, we carry out projects such as water treatment devices, circulation pump and cooling fan drive applications, and revision of control systems.

We check the quality of the water discharged at our Tuzla facility by analyzing it in our company's laboratory every week. There is an automatic sampling device in the discharge area. The water discharged at the Dilovası facility is sent to the DOSB (Kocaeli Dilovası Organized Industrial Zone) treatment plant. For the water going to this facility, DOSB takes samples and analyzes it every month.

Our activity zone is not located in a protected wetland. In addition, there is no water source or a body of water that we consume under stress and a receiving environment negatively affected in our wastewater.

WASTE MANAGEMENT

An effective waste management makes important contributions to the sustainability of natural resources and circular economy. Assan Alüminyum's priority issues in this area are the reduction, recycling and disposal of wastes with environmentally friendly methods.

Despite the increase in our production amount in 2019, we reduced our hazardous waste amount by 4.6%. In 2019, we built an overflow wall around the Dilovası dirty oil tank to prevent environmental pollution. There were no significant leakage or leakage cases in 2019.

CIRCULAR ECONOMY

We carry out our activities in the circular economy area within the framework of international strategies and standards such as European Aluminium "Circular Economy 2030 Action Plan", CEFLEX "Designing for a Circular Economy" and ASI standards. We are trying to increase the use of secondary (made of scrap) aluminium and aluminium scrap in order to reduce external dependency in supply and to create an effective waste management. In 2019, we processed approximately 130 thousand tons of recycled raw materials in our integrated recycling facility and included it in production. Since recycled aluminium production requires 95% less energy consumption than primary aluminium, this practice provides significant benefits in terms of sustainability. We plan to complete the LCA (Life Cycle Analysis) and EPD (Environmental Product Declaration) studies of our products in 2020.

OUR MANAGEMENT APPROACH

The basis of Assan Alüminyum's management approach is resource efficiency, effective leadership and transparent communication, which are the management principles of Kibar Holding. In this way, we aim to keep up with rapidly changing global conditions and to create sustainable value for all our stakeholders. Throughout the Kibar Group, all resources such as natural resources, human resources, capital, information and infrastructure are planned and evaluated in the most efficient way. Short and long-term strategic plans are prepared in all Group companies with the effective and transparent communication of the shareholders and the management team.

Assan Alüminyum continues its activities as a company that focuses on product safety and customer satisfaction, prioritizes innovation in all processes, develops innovative products, adapts easily to change, is highly competitive and aims to grow on a global scale. We undertake to convey transparent and timely information about our activities to all our stakeholders and to comply with all laws and regulations in our operating geography.

CORPORATE GOVERNANCE

As part of Kibar Group, Assan Alüminyum adopts a management structure in line with corporate governance principles as required by an ethical and transparent management approach. The Board of Directors is the highest level strategic decision-making body of Assan Alüminyum and is responsible for determining corporate goals, ensuring compliance with corporate governance principles, determining and managing strategic orientations, ensuring the functionality of risk management and control systems. Assan Alüminyum's CEO is responsible for implementing the strategies determined by the Board of Directors.

You can find detailed information about Assan Alüminyum Board of Directors at <https://e-sirket.mkk.com.tr/esir/Dashboard.jsp#/sirketbilgileri/12026>

RISK MANAGEMENT

Assan Alüminyum attaches high importance to the determination and effective management of corporate risks to its stakeholders, assets and operations in line with the goal of providing value to the society and protecting these values. The Holding Risk Committee and Risk Management Directorate within Kibar Holding and the Risk Management Directorate within Assan Alüminyum are responsible for the management and coordination of risk management activities of the group companies.

Corporate risk management, business continuity management and corporate compliance policies and standards that form the framework of Assan Alüminyum's risk management have been established and entered into force with the approval of senior management. Every year, the concept of risk management, global risks, the group's risk management vision and practices are explained to all Kibar Group executives through trainings.

ISO 31000 Corporate Risk Management System standards have been accepted as a guide in our company. Corporate risk management is based on analyzing not only risks but also opportunities. Corporate risk management is positioned as part of the decision-making mechanism. Studies are carried out in line with company strategies and company targets. We consider any uncertainty that may cause positive or negative deviation as a risk while moving towards the company's goals.



We have registered our advanced risk management studies and corporate risk management culture with the TSE ISO 31000 Risk Management System Verification Certificate.

INTERNAL AUDIT AND CONTROL

Internal audit activities at Assan Alüminyum are carried out by the Internal Audit Directorate under the coordination of Kibar Holding. Audit activities are carried out in a risk and process-oriented manner in order to control compliance with a proactive methodology and legislation, corporate policies and principles, and determined strategic goals, based on International Internal Audit Standards and Kibar Holding Code of Ethics.

Internal audits are carried out in four areas: process audit, compliance audit, financial audit and information technology audit. Findings obtained regarding risks identified within the scope of audit activities are conveyed to the relevant units and improvement suggestions are presented. Corruption and abuse issues are taken into consideration in all audits performed at Assan Alüminyum.

No major fines or non-compliances with laws have been recorded in the reporting period.

Human rights and ethics form the foundations of a risk management perspective. Studies are carried out in a human focus with the aim of providing benefit to all stakeholders.

In the process of determining risks, grading and determining management strategies, the financial and operational impacts of risks as well as their environmental, compliance and social impacts are evaluated. Especially issues related to employee health and safety are approached with the utmost sensitivity. In this context, our corporate risk map includes topics such as fire, occupational health and safety, environment, employee rights, employee turnover, occupational illness, abuse; and in addition to defined (existing) controls, additional risk reducing controls are defined and monitored.

The Corporate Risk Map is updated annually with workshops attended by relevant unit representatives. The development status of high and some medium level risks are monitored quarterly and shared with the Company Risk Committee. Follow-up studies are carried out for defined actions in six-month periods. With monthly activity reports, key risk indicators (KRI) determined on the basis of specific subject / process are followed up. In addition, at the Kibar Holding Risk Committee meetings held quarterly, the activities carried out within the framework of the exceeded KRI values and risk management activities are presented to the committee. Reputational risks are also evaluated in the risk assessment studies carried out. In addition, while all other detected risks are measured, they are analyzed together with their "nominal" effects and results.

BUSINESS ETHICS

As in all Kibar Group companies, the guiding document in the field of business ethics at Assan Alüminyum is the Kibar Group Code of Ethics. Kibar Group Code of Ethics covers 7 main topics: honesty, confidentiality, justice, quality and continuous improvement, conflict of interest, our responsibilities and accepting and giving gifts. Assan Alüminyum is based on the principle of honesty in all its activities, and sees honesty, sincerity and high business ethics above all else. In the Code of Ethics document, we discuss the protection of the private information of all our stakeholders, the understanding of justice based on equality of opportunity, and the goals of quality and continuous improvement. Situations that may create a conflict of interest, ways to avoid conflict of interest, how the issue should be addressed when a conflict of interest occurs, and the implementation details regarding gift exchange have been determined in detail. The responsibilities of Kibar Group to the laws, our customers, our employees, our business partners, our competitors, society and humanity are also set forth within the framework of the Code of Ethics document. Incident examples are also included in the Code of Ethics document, and examples of behaviors expected to be applied in situations that may be encountered in business life are shared in a question-answer format.

The Code of Ethics document is included in the recruitment sets of our colleagues who are newly recruited at Assan Alüminyum. In 2019, we provided 474 employees with 3,792 hours of Business Ethics Training. Employee perception is kept up to date with the themed "Is It Ethical?" posters in common areas. Efforts are underway to provide online



ANTI-CORRUPTION

Assan Alüminyum does not tolerate bribery and corruption in any way due to its high business ethics understanding. Financial relations with public institutions and organizations are subject to independent audit. As a result of the audits, it was confirmed that no penalties were imposed for non-compliance with social, environmental and corruption laws. Our approach to fight against bribery and corruption is defined in Kibar Holding Code of Ethics.

Compliance with the Code of Ethics is the responsibility of all Assan Alüminyum managers and employees. All Assan Alüminyum employees are obliged to report the violation of ethical rules or suspected bribery and corruption. The notices sent are treated confidentially. The understanding of anti-bribery and anti-corruption is binding for all relevant stakeholders, especially suppliers and business partners, as well as employees.

Internal control against corruption risks is evaluated within the scope of the process audits and examination and investigation activities carried out by Kibar Holding Internal Audit Department. In this context, process audits, examination and investigation activities were carried out in Assan Alüminyum in 2019.

training to all employees on the Code of Ethics every year, and it is aimed to launch the online training platform in 2020.

In Kibar Group, it is the Ethics Committee's responsibility to ensure compliance with the Code of Ethics, to investigate and resolve complaints and notifications regarding violations.

The Ethics Committee reporting to the Chairman of the Board of Kibar Holding consists of the Vice President for Internal Audit, the Head of the Human Resources Department and the Group Legal Counsel. In addition, Assan Alüminyum has Code of Ethics Consultants assigned to support all kinds of needs and questions of our employees regarding the implementation of the Code of Ethics.

In case of a situation contrary to the Code of Ethics, an "Ethics Line" has been established with the purpose of conveying the issue to the Ethics Committee, which includes an electronic mailbox only accessible by the Ethics Committee, a telephone line and a mailbox for information to be delivered via mail. All notices sent to the Ethics Committee by phone, e-mail and mail are treated confidentially. The Ethics Committee takes the necessary measures to prevent any negativity such as retaliation, pressure and intimidation that may occur against individuals who report ethical violations.

You can access Kibar Holding Code of Ethics at <https://www.kibar.com/en/holding/codes-of-conduct>

BUSINESS CONTINUITY AND EMERGENCY PREPARATIONS

In Kibar Group, combating operational risks such as natural disasters and epidemics that endanger the lives and assets of stakeholders and disrupt the flow of products and services are carried out by the coordination of Risk Management, Insurance Management and Risk Engineering units within the Group and its subsidiaries. Decisions and actions for preventing operational risks and minimizing losses in cases where risks cannot be prevented are carried out with the participation and cooperation of all relevant departments. The Risk Engineering department, established by the group's insurance and brokerage company, identifies and tracks the findings that create operational risks in the production areas of subsidiaries in coordination with both internal and external audits, and presents its suggestions to companies to improve these risks. The work to be done for the effective management of operational risks and the determined action plans are followed effectively and regularly by all relevant company managers and employees. All policies and procedures (case management, emergency response, crisis communication, business continuity, corporate action plan, return to work guide, etc.) for the management of such risks at the time of the case and for the following business continuity have

been established and shared with all employees.

Business continuity is the strategic and tactical competencies that an organization uses in planning and intervention in order to continue its activities at a predefined acceptable level in case of an event or business interruption where operational risks occur. Business continuity plans have been created and put into use for some group companies to ensure the continuity of business processes, products and services in the event of an interruption, crisis or disaster and to return all business processes to normal working order within the planned periods. The main purpose of these plans is to make critical processes and assets determined by business impact analysis work again in a predetermined time in case of any interruption. Short, medium and long-term plans were made for the dissemination of corporate business continuity programs, which are drilled and trained every year, among all Group companies.

ANNEXES

The Awards We Won in 2019

- 1st prize in the Most Innovative category in the "Most Innovative Supply Chain Professionals of Turkey" and "Project Competition" organized by the Supply Chain Professionals Club founded by LODER (Logistics Association) and SlimStok.
- Assan Alüminyum Supply Chain Director was included in the "Most Effective Supply Chain Professionals" list.

Performance Indicators Table

GRI Content Index



Employee Demographics	
Total number of employees	1.497
Female	84
Male	1.413
White collar employees	
Female	81
Male	196
Blue collar employees	
Female	3
Male	1.217
Employees by age groups	
Below 30	319
30-50	1.131
Above 50	47
Executives	
Total number of executives	47
Female	7
Female executive ratio (%)	0,15
Parental Leave	
Number of employees on maternity leave	5
Number of employees on paternity leave	106
Number of employees returning from maternity leave	5
Number of employees returning from paternity leave	106
Trainings	
Employee Trainings - Number of Participants	
Blue-collar	2.369
White-collar	796
Female	145
Male	3.020
Employee Trainings - Total Hours	
Blue-collar female	-
White-collar female	1.112
Blue-collar male	3.355
White-collar male	4.423

Health and Safety	
Injury Rate	
Direct employees	8,32
Female	0
Male	8,82
Contractors	7,4
Female	4,13
Male	12,51
Accident severity rate	
Direct employees	0
Female	
Male	0,270
Contractors	
Female	
Male	
Occupational Disease Rate (ODR)	
Direct employees	
Female	
Male	
Contractors	
Female	
Male	
Fatal accidents	
Direct employees	1.072
Female	
Male	
Contractors	28
Female	18
Male	10

Employee Engagement	
Suggestion systems	
Suggestions made	3875
Suggestions realized	593
Employees Under Performance Review	
Blue-collar female	0
White-collar female	84
Blue-collar male	1.202
White-collar male	207
Total	1.493

Occupational Health and Safety Trainings	
Total OHS training hour for employees	24.891
Total OHS training hour for contractors	531
Number of employees participated to OHS trainings	8.876
Number of contractors participated to OHS trainings	1.179

Occupational Health and Safety Governance	
Number of OHS Committees	2
Number of OHS Committee members	32
Number of employee representatives at OHS committees	7

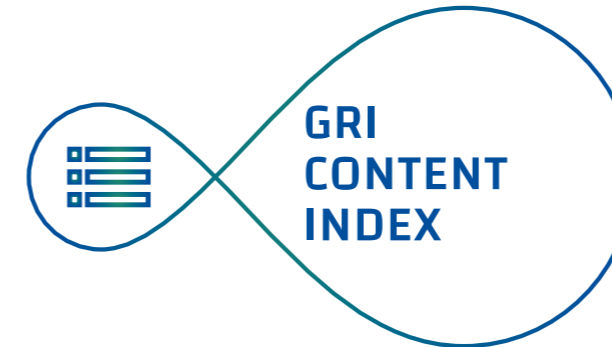
		2019
Resource Efficiency		
Total amount of production (ton)		287.695
Total amount of natural resources used (ton)		393.571
Recycled/reused input materials		129.758
Reclaimed packaging material (ton)		1.920
Total water consumption (m ³)**		
Well (m ³)		350.377
Municipality (m ³)		55.679
Total water consumption (m ³)**		406.056
Water intensity (m ³ /ton)		1,41
Fight Against Climate Change		
Energy consumed within the organization		
Direct energy consumption (GJ)		
Natural gas-m ³		49.130.201
Natural gas-GJ		1.746.579
Direct energy consumption (GJ)		1.746.635
Indirect energy consumption (GJ)		
Electricity-kWh		171.706.577,6
Electricity-GJ		618.144
Indirect energy consumption (GJ)		618.144
Total energy consumption (GJ)		2.364.779
Renewable energy production (kWh)		153.785.000
Renewable energy production (GJ)		553.626
Energy intensity (GJ/ton)		8,2
Scope 1 emissions (ton CO2 equivalent)		101.656
Scope 2 emissions-location based (ton CO2 equivalent)		99.933
GHG intensity (ton CO2/ton)		0,701
NOx, SOx and other emissions* (ton CO2 equivalent)		267,3

*The reason of the reduction of NOx, SOx emissions in 2018 and 2019 is that, in 2017 LNI mode in melting furnaces was activated causing energy efficiency.

**The reason of increase in 2019 is that the packaging waste, which was not classified as waste in official documents were added to the calculations.

	2019
Waste Management	
Water discharge (m ³)	
Natural receiving body	0
Water trench	133.353
Hazardous waste (ton)	11.159
Energy recovery	0
Recovery	10.957
Landfill	202
Incineration	0
Other	0
Non-hazardous waste (ton)**	4.601
Recovery	4.601
Landfill	0
Management Approach	
Environmental trainings	
Trainings for employees	3.213
Trainings for contractors	59
Number of contractors who received environmental training	3.144
Number of employees who received environmental training	1.179
Saplings planted	4237
Environmental expenditure	19.703.430
Environmental investments (TRY)	13.124.000
Environmental management (TRY)	6.579.430

*The reason of the reduction of NOx, SOx emissions in 2018 and 2019 is that, in 2017 LNI mode in melting furnaces was activated causing energy efficiency.
 **The reason of increase in 2019 is that the packaging waste, which was not classified as waste in official documents were added to the calculations



GRI CONTENT INDEX	
Disclosure	Descriptions and Page Numbers
GRI 101: Foundation 2016	
GRI 102: General Disclosures 2016	
Corporate Profile	
102-1	About Assan Alüminyum, p.11
102-2	About Assan Alüminyum, pp.11-12
102-3	Contact, p.72 (back cover)
102-4	About Assan Alüminyum, p.11
102-5	https://e-sirket.mkk.com.tr/esir/Dashboard.jsp#/sirketbilgileri/12026
102-6	About Assan Alüminyum, p.11
102-7	About Assan Alüminyum, pp.12-13
102-8	Performance Indicators, p.62
102-9	Sustainability in Supply Chain, pp.44-45
102-10	GRI Content Index: There is no significant corporate change in reporting period.
102-11	Risk Management, pp.56-57
102-12	Relations with Our Stakeholders, p.25
102-13	Relations with Our Stakeholders, p.25
Strategy	
102-14	Message from the CEO, p.7; Message from the General Manager, p.9
102-15	Risk Management, pp.56-57; Business Continuity and Emergency Preparedness, p.60; Our Approach to Combating Climate Change, p.51
Ethics and Integrity	
102-16	Business Ethics, p.58-59
102-17	Business Ethics, p.58-59

For the Materiality Disclosures Service, GRI Services reviewed that the GRI content index is clearly presented and the references for Disclosures 102-40 to 102-49 align with appropriate sections in the body of the report.



GRI CONTENT INDEX	
Disclosure	Descriptions and Page Numbers
GRI 102: General Disclosures 2016	
Governance	
102-18	Sustainability Management Structure, p.17; Corporate Governance, p.55
102-19	Sustainability Management, pp.16-17
102-20	Sustainability Management, p.16; Assan Alüminyum Sustainability Management Structure, p.17
102-21	How Did We Set Our Priorities?, p.19; Relations with Our Stakeholders, p.24
102-29	Sustainability Management, p.16
102-30	Risk Management, pp.56-57
102-31	Sustainability Management, p.16
102-32	Sustainability Management, p.16
Stakeholder Engagement	
102-40	Relations with Our Stakeholders, p.24
102-41	GRI Content Index: There is no collective bargaining agreement in Assan Alüminyum.
102-42	Relations with Our Stakeholders, p.24
102-43	Relations with Our Stakeholders, p.24
102-44	Our Sustainability Strategy and Priority Issues, p.20; Relations with Our Stakeholders, p.24

GRI CONTENT INDEX	
Disclosure	Descriptions and Page Numbers
GRI 102: General Disclosures 2016	
Reporting Practices	
102-45	About Kibar Holding, About Assan Alüminyum, pp.10-11
102-46	About the Report, p.5
102-47	Our Sustainability Strategy and Priority Issues, p.20
102-48	GRI Content Index: 2019 Sustainability Report is the first sustainability report of Assan Alüminyum.
102-49	GRI Content Index: 2019 Sustainability Report is the first sustainability report of Assan Alüminyum.
102-50	About the Report, p.5
102-51	GRI Content Index: 2019 Sustainability Report is the first sustainability report of Assan Alüminyum.
102-52	GRI Content Index: 2019 Sustainability Report is the first sustainability report of Assan Alüminyum.
102-53	Contact, Back cover
102-54	About the Report, p.5
102-55	GRI Content Index, p.65
102-56	GRI Content Index: This report did not get external assurance.

Material Issues		
Standard	Disclosure	Descriptions and Page Numbers
Business Continuity and Emergency Preparedness		
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its boundary	Business Continuity and Emergency Preparations, p.60
	103-2 The management approach and its components	Business Continuity and Emergency Preparations, p.60
	103-3 Evaluation of the management approach	Business Continuity and Emergency Preparations, p.60
GRI 201: Economic Performance 2016	201-1 Economic value	About Assan Alüminyum, pp.11-12
GRI 204: Procurement Practices 2016	204-1 Local procurement	Sustainability in Supply Chain, p.44
GRI 412: Human Rights Assessment 2016	412-3 Human rights in agreements	Human Rights and Employer Approach, p.37; Sustainability in Supply Chain, p.44
Renewable Energy		
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its boundary	Our Approach to Combating Climate Change, p.51; Energy and Emission Management, p.52
	103-2 The management approach and its components	Our Approach to Combating Climate Change, p.51; Energy and Emission Management, p.52
	103-3 Evaluation of the management approach	Our Approach to Combating Climate Change, p.51; Energy and Emission Management, pp.52-53
GRI 302: Energy 2016	302-1 Energy consumption within the organization	Performance Indicators, p.63
	302-3 Energy intensity	Performance Indicators, p.63
	302-4 Reductions in energy use	Energy and Emission Management, pp.52-53
	302-5 Reductions in energy consumption of products and services	Energy and Emission Management, pp.52-53
GRI 305: Emissions 2016	305-5 Reduction of GHG emissions	Energy and Emission Management, p.52
Efficient Use of Resources		
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its boundary	Water Management, Waste Management, p.54
	103-2 The management approach and its components	Water Management, Waste Management, p.54
	103-3 Evaluation of the management approach	Water Management, Waste Management, p.54
GRI 303: Water and Effluents 2018	303-1 Interactions with water as a shared resource	Water Management, p.54
	303-2 Management of water discharge-related impacts	Water Management, p.54
	303-3 Water withdrawal	Performance Indicators, p.63
	303-4 Water discharge	Performance Indicators, p.64
	303-5 Water consumption	Performance Indicators, p.63
GRI 307: Environmental Compliance 2016	307-1 Environmental compliance	GRI Content Index: We did not receive any significant fines.

Material Issues		
Standard	Disclosure	Descriptions and Page Numbers
Circular Economy		
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its boundary	Circular Economy, p.54
	103-2 The management approach and its components	Circular Economy, p.54
	103-3 Evaluation of the management approach	Circular Economy, p.54
GRI 301: Materials 2016	301-1 Raw materials	Performance Indicators, p.63
	301-2 Recycled raw materials	Performance Indicators, p.63
	301-3 Reclaimed packaging	Performance Indicators, p.63
GRI 306: Effluents and Waste 2016	306-1 Water discharge	Performance Indicators, p.64
	306-2 Waste by disposal type	Performance Indicators, p.64
	306-3 Spills	GRI Content Index: There is no spill cases in reporting period.
	306-5 Water bodies impacted	Water Management, p.54
Supply Chain Management		
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its boundary	Sustainability in Supply Chain, p.44
	103-2 The management approach and its components	Sustainability in Supply Chain, p.44
	103-3 Evaluation of the management approach	Sustainability in Supply Chain, p.44
GRI 308: Supplier Environmental Assessment 2016	308-1 Supplier environmental assessment	Sustainability in Supply Chain, p.44
	308-2 Negative environmental impacts of supply chain	Sustainability in Supply Chain, p.44
GRI 414: Supplier Social Assessment 2016	414-1 New suppliers assessed for social impacts (%)	Sustainability in Supply Chain, p.44
	414-2 Negative social impacts of supply chain	Sustainability in Supply Chain, p.44
GRI 408: Child Labor 2016	408-1 Suppliers with child labor risk	Sustainability in Supply Chain, p.44
GRI 409: Forced or Compulsory Labor 2016	409-1 Activities with forced labor risk	Sustainability in Supply Chain, p.44
Employee Development		
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its boundary	Employee Development and Talent Management, pp.38-39
	103-2 The management approach and its components	Employee Development and Talent Management, pp.38-39
	103-3 Evaluation of the management approach	Employee Development and Talent Management, pp.38-39
GRI 404: Training and Education 2016	404-1 Training per employee	Employee Development and Talent Management, p.38; Performance Indicators, p.62
	404-2 Programs on life long learning	Employee Development and Talent Management, pp.38-39
	404-3 Employees subject to regular performance feedback	Employee Development, p.38

Material Issues		
Standard	Disclosure	Descriptions and Page Numbers
Gender and Equal Opportunity		
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its boundary	Equal Opportunity and Gender Equality, p.37
	103-2 The management approach and its components	Equal Opportunity and Gender Equality, p.37
	103-3 Evaluation of the management approach	Equal Opportunity and Gender Equality, p.37
GRI 405: Diversity and Equal Oppurtunity 2016	405-1 Diversity	Performance Indicators, p.62
	405-2 Remuneration based on gender	GRI Content Index: In Kibar Group and its subsidiaries, there is no pay policy based on gender. We employ equal pay for equal work principles.
GRI 406: Non-discrimination 2016	406-1 Discrimination cases	GRI Content Index: There was no case of discrimination in reporting period.
Occupational Health and Safety		
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its boundary	Occupational Health and Safety, p.43
	103-2 The management approach and its components	Occupational Health and Safety, p.43
	103-3 Evaluation of the management approach	Occupational Health and Safety, p.43
GRI 403: Occupational Health and Safety 2018	403-1 Occupational health and safety management system	Occupational Health and Safety, p.43
	403-2 Hazard identification, risk assessment, and incident investigation	Occupational Health and Safety, p.43
	403-3 Occupational health services	Occupational Health and Safety, p.43
	403-4 Worker participation, consultation, and communication on occupational health and safety	Occupational Health and Safety, p.43; Performance Indicators, p.63
	403-5 Worker training on occupational health and safety	Occupational Health and Safety, p.43; Performance Indicators, p.63
	403-6 Promotion of worker health	Occupational Health and Safety, p.43
	403-7 Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	Occupational Health and Safety, p.43
	403-9 Work-related injuries	Performance Indicators, p.62
	403-10 Work-related ill health	GRI Content Index: We have 1204 field employees with high risk job classification.
	Product Quality and Safety	
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its boundary	Product Quality and Safety, pp.30-31
	103-2 The management approach and its components	Product Quality and Safety, pp.30-31
	103-3 Evaluation of the management approach	Product Quality and Safety, pp.30-31
GRI 416: Customer Health and Safety 2016	416-1 Health and safety impacts of products	Product Quality and Safety, p.30
	416-2 Non conformity to regulations	GRI Content Index: There is no case of non-compliance in reporting period.

Material Issues		
Standard	Disclosure	Descriptions and Page Numbers
Customer Satisfaction		
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its boundary	Customer Satisfaction, p.33; Information Security, p.46
	103-2 The management approach and its components	Customer Satisfaction, p.33; Information Security, p.46
	103-3 Evaluation of the management approach	Customer Satisfaction, p.33; Information Security, p.46
GRI 417: Marketing and Labeling 2016	417-1 Product information	More Satisfied Stakeholders, pp.28-29;Product Quality and Safety, pp.30-31
	417-2 Non-compliance to labelling requirements	GRI Content Index: There is no such case in reporting period.
	417-3 Non-compliance to marketing communications regulations	GRI Content Index: There is no such case in reporting period
GRI 418: Customer Privacy 2016	418-1 Cases of breach of customer confidentiality	GRI Content Index: There is no such case in reporting period.
R&D, Innovation and Digitalization		
GRI 103: Management Approach 2016	103-1 Explanation of the material topic and its boundary	Our R&D and Innovation, p.35; Digitalization, pp.36-37
	103-2 The management approach and its components	Our R&D and Innovation, p.35; Digitalization, pp.36-37
	103-3 Evaluation of the management approach	Our R&D and Innovation, p.35; Digitalization, pp.36-37



Yayla Mahallesi D-100 Karayolu Rüya Sokak No: 2
34940 Tuzla/İstanbul TURKEY

T: +90 (216) 581 12 00

F: +90 (216) 581 16 10

info@assanaluminyum.com