



CERKEZKÖY ORGANIZED INDUSTRIAL ZONE  
SUSTAINABILITY REPORT - 2018



# CONTENTS



<b>1. COIZ Sustainability Report</b>	<b>1</b>
a. About Our Report	
b. Scope of Our Report	
c. Principles of Our Report	
d. Our Next Report	
<b>2. Message from Chairman of the Board of COIZ</b>	<b>2</b>
<b>3. Institutional Profile</b>	<b>5</b>
a. Our History	
b. Our Works	
c. Sectors of Production	
d. Our Vision, Our Mission and Our Values	
e. COIZ with Figures	
f. Institutional Management	
g. Strategic Management of COIZ	
i. Global Mega Trends: New Generation Organized Industrial Zones	
h. Our Approach to Innovation and Digitalization	
i. Communication with Our Stakeholders	
i. Communication Platforms with Our Stakeholders	
ii. Internal and External Stakeholders Analysis	
iii. Dialogue with Unions and Non-governmental Organizations	
j. Ethic Management	
i. Struggle with Bribe and Corruption	
ii. Our Policies	
iii. Personal Data Protection	
k. Research and Survey	
i. Corporate Reputation Research	
ii. Participant Satisfaction Survey	
l. Institutional Risk Management	
m. Supply Chain	
<b>4. Sustainability at COIZ</b>	<b>38</b>
a. What is Sustainability Management?	
b. 2018-2022 Strategic Priorities of COIZ	
c. Our Sustainability Approach	
i. Sustainability Committee	
d. Sustainability Studies SWOT Analysis	
e. Our Principles Sustainability	
f. Priority Issues on Sustainability and Sustainability Strategy Matrix	
g. Sustainability Goals	
h. Our Milestones in Our Journey of Sustainability	
i. Our Approach to United Nations Sustainable Development Goals	
<b>5. Our Economic Impact Area</b>	<b>49</b>
a. Our Investments	
<b>6. Our Social Impact Area</b>	<b>53</b>
a. Our Employees	
i. Opportunities Offered	
ii. Employee Rights	
iii. Equal Opportunity	
b. Diversity and Inclusion	
i. Gender Equality	
ii. Education & Training	
1. Private COIZ Vocational and Technical Anatolian High School	
2. Our Collaboration with Universities	
3. Private COIZ Nursery and Day Care	
4. R&D Studies at Participant Companies	
c. Human	
i. Culture and Art Activities	
ii. Social Opportunities	
1. COIZ Social Facilities	
2. COIZ Meeting Hall	
3. COIZ Conference Hall	
iii. Firefighting Services	
iv. Emergency Risk Management Studies	
v. Occupational Health and Safety	
vi. Security	
vii. Other Social Studies	
1. Private Employment Agency Services	
d. Our Impacts on Nearby Settlements	
<b>7. Our Environmental Impact Area</b>	<b>71</b>
a. Energy Management	
i. Electricity, Water and Natural Gas Services	
ii. Monitoring Energy Consumption of COIZ Facilities	
iii. LED Street Lightning	
iv. Renewable Energy Resources	
b. Environment Management	
i. Waste Water	
1. Waste Water Infrastructure Facilities Management	
2. Common Industrial Waste Water Treatment Plant	
ii. Climate	
1. Monitoring and Management of the Emmissions	
2. Climate Change Mitigation and Adaptation	
3. Bio-diversity	
c. New Approaches on Waste Management	
i. Circular Economy	
ii. Clean Production	
iii. Industrial Symbiosis	
d. Resource Utilization	
i. Productivity of Resources	
ii. COIZ's SCADA Application	
iii. Underground and Soil Protection	
iv. Productive Land Use	
e. COIZ Environmental Facilities Laboratory	
f. Infrastructure Management	
<b>8. Conclusion</b>	<b>85</b>
a. Summary of Sustainability Studies of COIZ	
b. Performance Indicators	
c. Audit Reports	

## About Our Report

We as Cerkezkoy Organized Industrial Zone (COIZ) , share how we manage our economical, social and environmental impacts as the result of our services, through our sustainability report, with all our stakeholders, especially our participant companies.

## Scope of Our Report

Information in this report covers the activities of COIZ between 1 January 2018 and 31 December 2018.

## Principles of Our Report

We prepared our report within the framework of our corporate resources with the OIZ Law No. 4562 and Implementing Regulation.

## Our Next Report

We are planning to publish next COIZ Sustainability Report in 2021. Our Sustainability Reports will be available on our institutional website.

[www.cosb.org.tr](http://www.cosb.org.tr)



## MESSAGE OF THE BOARD CHAIRMAN OF COIZ



**Eyüp SÖZDİNER**

Chairman of the Board of COIZ

Dear Stakeholders;

As Çerkezköy Organized Industrial Zone (COIZ), which is one of the most important production areas of our country with more than 40 years of experience, we are happy to have prepared our sustainability report. We present this report to all of our stakeholders as a transparent reporting including our non-financial data.

With more than 260 employees in our organization, we are moving towards becoming a model-oriented and pioneering Organized Industrial Zone (OIZ) that is solution-oriented and prioritizing investment in people. We have proved that we are one of the Turkey's most advanced OIZ with our works. We are raising our quality bar higher day by day with our professional managerial staff and trained and experienced personnel.

We are an OIZ employing approximately 77.000 people in more than 253 companies from different sectors such as chemistry, rubber, plastic, metal, electronics, pharmacy, paper and food, especially textile.

From the perspective of increasing the production methods based on high technology in our participating companies for the coming years, we see improving our human resources in our region, achieving our digital transformation, maintaining our environmentally sensitive industrial zone, and improving the quality

of life of the people living in our region and nearby residential areas as our progress axis.

In our sustainability studies with the motto "From Past to Present, From Present to Future COIZ", OIZ Law and Implementation Regulation No.4562 shapes our general view, while Environmental Legislation and Zoning Law Legislation and Applications create our legal framework for our development.

It is certain that this legal framework is very important for the establishment and operation of the increasing number of Organized Industrial Zones in our country. However, in order to leave a more livable world to future generations various performance levels need to be defined and applied to design and operate a sustainable industrial area.

We see all the steps we take in terms of sustainability as a reflection of the way we do business. The total indorsement of more than \$ 20.6 billion, exports of approximately \$ 3.5 billion, and the continuous increase in the number of existing firms from past to present reveal the development potential in our region. The fact that approximately half of the 50 R&D and Design Centers currently present in Tekirdağ is located in COIZ makes us hope for R&D in the coming years.

We gain a different point of view with the Digital Transformation Workshops that we created to accelerate our corporate R&D efforts.

We have crowned our efforts focused on productivity and savings at COIZ with 50001 Energy Management System, which we established in 2018.

With the advanced SCADA system we have established in our region, we continuously monitor electricity, water and natural gas consumption of all participant companies and the loss-leakage rates in the energy field in our region.

In today's conditions and as a very important issue for future generations, in the field of environmental protection, we carry out disciplinary studies on emission measurements arising from the operations of our region, especially on the treatment of waste water, and which may have high environmental impacts.

We pay attention to developing more energy efficient processes, saving natural resources and using less energy consuming products / equipments in our operations. In order to mitigate risks arising from climate change, we are making our carbon footprint measurements and starting large scale projects such as building our own dam.

We continue our training activities to support the professional development of our employees. By creating safer and healthier working conditions for our employees and participants, we identify risks and improve our attitudes and behaviors in this area. We always target zero occupational accidents. In this

frame, periodically we provide occupational health and safety trainings to all employees.

In order to increase life quality of the employees of our region's businesses and the people living in the nearby settlements, and to provide services to increase the social and cultural level of our region, we organize awareness-raising competitions, culture and art activities for adults and children, and provide fire trainings to students.

In COIZ Conference Hall we organize social events such as theater and concerts for thousands of art lovers. We continue to bring well-known and leading artists of our country to our citizens. In order to support the National Education institutions, we provided training support to many young people in addition to our activities such as school construction and sports hall construction in our nearby districts Çerkezköy and Kapaklı. We graduate our students who will meet the need of intermediate staff of our companies in Private COIZ Vocational and Technical Anatolian High School with a capacity of 1200 students within our Regional Directorate.

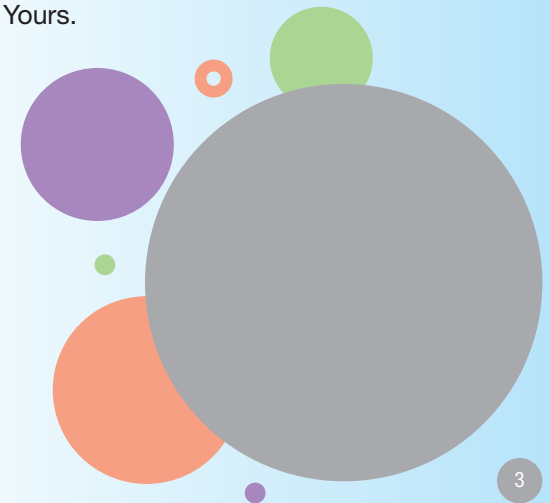
We try to manage with long-term sustainability perspective, looking out for economic, environmental and social impacts of our works. As COIZ, we believe that we are a good example of sustainable development in our country.

We see that this report, which we prepared with the help of our institutional memory, records, the support and synergy generated by all units of our Regional Directorate and the domestic and foreign sources, is a first in the field of Organized Industrial Zones for our country and we wish to set an example.

We would also like to state that our heart is in favor of the development of industrial structure and sustainable development from a sustainability perspective in our country.

We would like to take this opportunity to express our gratitude to our participants, employees, suppliers, public institutions and organizations, all our stakeholders, and to everyone who supported us in this sustainability journey.

Sincerely Yours.





## STAKEHOLDER OPINION



**Aziz YILDIRIM**  
Governor of Tekirdağ

Organized Industrial Zones are industrial structures that were established at the beginning of the planned development period of our country which started in 1960s and are currently the locomotive sector. We observe that OIZs in the Marmara Region, which is the heart of our country's industry, have become more prominent. It is certain that OIZs will increase their importance in the coming days as they ensure that industrial establishments are planned in a planned manner and meet the necessary infrastructure requirements for the factories.

It is undoubtedly important that Çerkezköy Organized Industrial Zone, which was established in 1976 at a very close distance to Istanbul, has established factories from a large number of sectors, especially textiles, and that development is continuing. Within the scope of the production made in these factories, we see that it makes significant contributions by export and employment and etc. to our country's economy.

Çerkezköy Organized Industrial Zone in the province of Tekirdağ, where agricultural production in one aspect and industrial production gain weight in the other, it stands out with its development and projects. In addition to the electricity, water and natural gas supply provided to the industrialists within their own field, we believe that it sets an example for our province and the whole country with the technical and administrative structures it has established to manage them. It is noteworthy that approximately half of more than 50 R & D design centers in our province are located in factories in Çerkezköy OIZ.

We know that the common wastewater treatment plant established by Çerkezköy Organized Industrial

Zone for the treatment of wastewater from the industry is one of the largest treatment plants in our country, and it also performs the necessary controls and implementations depending on the environmental legislation in order to protect the environment. In this context, they have planted a large number of trees in order to make the environment greener and reduce the carbon foot, they have established a system to ensure energy efficiency, they make energy-efficient lighting within the region, they have made very serious efforts to reduce energy loss leakages and the efforts to establish the dam to meet the needs of the industrialists. We consider it as case studies.

On the other hand, we watch with interest that they are trying to educate the students in the best way in Vocational and Technical Anatolian High School, which was established to close the gap of intermediate staff which is one of the most important subjects of our country.

Çerkezköy Organized Industrial Zone for companies, citizens and children theater, etc. that the demonstrations enriched the social fabric of Çerkezköy and Kapaklı, which received numerous migrations from numerous social cultural organizations; they also serve a large number of families and children. I would like to thank Çerkezköy and Kapaklı for their contribution to national education such as school and gymnasium.

I would like to express my congratulations and appreciation for this sustainability report, which is prepared by considering the future generations of Çerkezköy Organized Industrial Zone, which is one of the most employable areas in our province.

## STAKEHOLDER OPINION

Precious Industrialists,  
Dear Friends,

Organized Industrial Zones lead to investments depending on the high level of welfare they provide and lead to important developments and changes in the economic, social and cultural of the population living in the region.

OIZs set up sustainable projects that provide healthy production atmosphere, include qualified change and progress, protect environment where they are established.

According to the data of Ministry of Finance, Tekirdağ is one of the 10 provinces that have more revenues than expenses, according to TUIK data, it is the fourth in industrial development in the Marmara Region and the tenth in our country. Our OIZ has an important contribution to this situation.

COIZ, which is one of Turkey's and Thrace's leading OIZs and preparing the sustainability report, has also been a pioneer in gathering scattered industries under the roof of OIZs.

When I was the Governor of Tekirdağ, as someone who knows works of COIZ well, we have carried out important studies on the improvement of scattered industries throughout Tekirdağ.

In that period, we started the implementation of Marmara Deep Sea Discharge System Project, which is the most important environmental project in Thrace Region, with you.

I especially appreciate the efforts in the field of energy management, water, dam construction and natural gas and concrete sustainability efforts such as climate change, treatment plant, education in terms of contribution to social life.

Within this scope, COIZ, which includes more than 250 companies, prevents the discharge of the industrial waste water to the nature with its daily 80.000 m3 capacity waste water treatment plant.

Besides, it contributes the environmental protection by using energy-efficient lightning system, afforesting to increase the green areas in the region, being sensitive to energy efficiency and maintaining and repairing the roads in the region.

Our zone, which provides the required finance in Yoncalı Dam construction and the transfer of collected water to the region, performs very precious work on using less water in industry and saving underground water resources.

Regional Directorate fulfills an important social mission by performing artistic, sporting and cultural organizations for the people of the region in addition to 77 thousand employees in the factories, building educational institutions and providing financial support to needy students and disabled.

I congratulate the management of COIZ for its contribution to R&D studies and national and regional economy with its innovative solutions and I wish prosperous gains to businesses in the region and I greet you with love and respect.



**Ali YERLİKAYA**  
Governor of İstanbul



# COIZ INSTITUTIONAL PROFILE

**"The Success Story of  
Çerkezköy Organized Industrial Zone  
Started in 1976..."**

## OUR HISTORY

COIZ became the starting point of the industrialization movement in Thrace after including Çerkezköy in Tekirdağ in the Priority Regions in Development with the decision of the Council of Minister in 1971 and then with the decision of establishing an Organized Industrial Zone.

In addition to this, toward the planned development of our Zone being implemented in Turkey since 1960, it becomes one of the first execution areas of systematic industrialization model for rapid growth and industrialization objectives.

COIZ was established on 06/01/1976 in accordance with the protocol and undertaking numbered 42863 and dated 25/12/1975 signed between the Ministry of Industry and Technology and the Enterprising Committee of the COIZ.

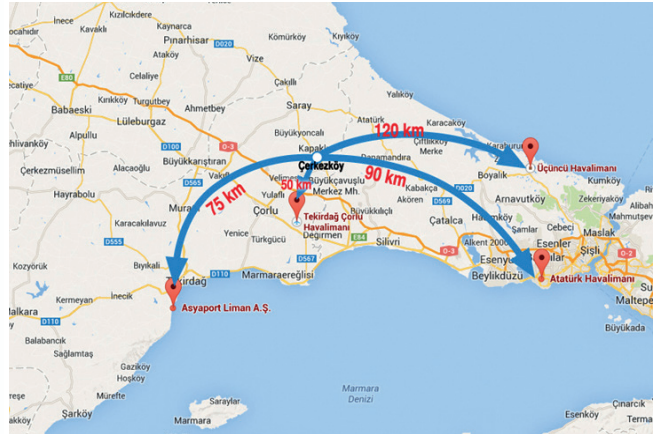
Since it was established, the area of the COIZ, which is spread over an area of 450 ha and consists of 143 industrial parcels, is inadequate for the needs of the industrialists who want to invest in the region and industrial facilities are established outside the region, an extension area of 800 ha was registered by the SPO (= State Planning Organization). Also known as the II. Organized Industrial Zone, this department was connected to the existing regional legal entity in 2002 by the Ministry of Industry and Technology.



COIZ in 1985



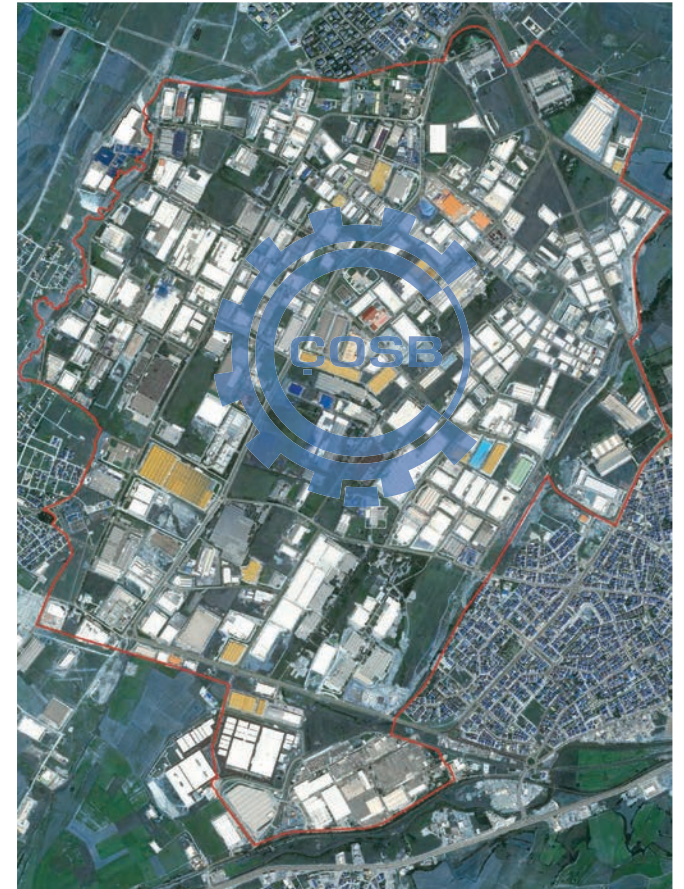
COIZ in 2018



Location of COIZ

COIZ, which was established in 1976, continued its activities with the Entrepreneurial Delegation until 2004, within the scope of OIZ Law No 4562, at the General Assembly held in 2004, after this date, the decision to manage the Zone by the Board of Directors was made by participants.

Nearby settlements Çerkezköy and Kapaklı had very few inhabited until the 1970s, with the arrival of the industry and increase in the number of domestic and foreign factories, they witnessed a continuous migration



Satellite Image of COIZ



from Thrace Region and Anatolian especially after 2000. Number of the factories and industrial production activities that create economic values are on the rise in this Zone, which has much lower unemployment rate than Turkey (approximately 4%).

COIZ, which has a history more than 40 years, is home to lots of companies with deep-rooted traditions in production. COIZ is consistently visited by domestic and foreign visitors because of its technical and institutional infrastructure and exemplary services to the participant companies in the region.

COIZ Directorate has started the project and implementation studies to establish the required digital infrastructures to carry out Digital Transformation in Industry, which is also called Industry 4.0, to actualize a higher value-added production in the region where factories from different sectors are located.

COIZ, which was established in 1976, serves in the field of textile, chemistry, rubber, plastic, metal, electronic, pharmacy, paper, food etc. with the understanding of “Clean Energy, Clean Environment, Clean Production”. We have seen that in 2018 participant satisfaction survey, our participant companies assessed the speed of troubleshooting of COIZ as 84/100 points and the overall service quality as 87/100 points.

As it can be seen in the Value Chain graphic below, along with recruitment and distribution of electric, water and natural gas that we provide within the framework of OIZ Law and Regulation No. 4562 and other legislation, institutional services, industrial waste water treatment plant and other social services are our main services. We provide these services in 1251 ha to 253 companies, of which are 41 foreign companies.



Main Building of COIZ





**COIZ VALUE CHAIN**



## OUR WORKS

COIZ, within the framework of OIZ Law and Regulation No. 4562 and starting from the revision of the zoning plans, finalization of the demands of the participants regarding the construction, conducts social activities for participants and other citizens through fire services for emergencies and environmental management services, conducting works within the scope of regional security including infrastructure, electricity, natural gas and water distribution services, the budget and financing of the works, including the monitoring of the waste water treatment of the participant companies, monitoring of the channel connections.

**Main Services**, given to the factories in the region by COIZ, are expressed below:

- Electric, Water and Natural Gas Services
- Zoning Services
- Substructure and Constructing Services
- Environmental Management Services
- Financial Services
- Institutional Communication Services
- Administrative Services
- Human Resources and Training Services
- Information Technologies Services
- Garden – Landscape Works
- Energy Management Works

Services	Adopted Internal Standarts	Adopted External Standarts
Electrical Service	ISO 9001 Quality Management System	<ul style="list-style-type: none"> <li>• OIZ Law and Regulation No. 4562</li> <li>• Environmental Legislation</li> <li>• Development Law No. 3194</li> <li>• Building Inspection Law No. 4708</li> <li>• Labor Law No. 4857</li> <li>• Social Security Law No. 5510</li> <li>• Occupational Health and Safety Law No. 2872</li> <li>• Law No.6698 on the Protection of Personal Data</li> <li>• EMRA Legislation (Energy Market Regulatory Authority)</li> <li>• Ministry of Energy and Natural Resources</li> <li>• Chamber of Electrical Engineers Legislation</li> <li>• Chamber of Mechanical Engineers Legislation</li> <li>• TMMOB Legislation (Union of Chambers of Turkish Engineers and Architects)</li> </ul>
Water Service	ISO 9001 Quality Management System	
Natural Gas Service	ISO 9001 Quality Management System	
Reconstruction Service	ISO 9001 Quality Management System	
Infrastructure and Construction Service	ISO 9001 Quality Management System	
Environmental Management	ISO 9001 Quality Management System	
Waste Water Treatment Service	ISO 9001 Quality Management System	
Environmental Facilities Laboratory Service	ISO 9001 Quality Management System ISO IEC 17025 Laboratory Accreditation	
Financial Services	ISO 9001 Quality Management System	
Corporate Communication Service	ISO 9001 Quality Management System	
Administrative Services	ISO 9001 Quality Management System	
Vocational and Technical Anatolian High School Service	ISO 9001 Quality Management System	
Human Resources and Training Studies	ISO 9001 Quality Management System	
Information Technology Studies	ISO 9001 Quality Management System	
Garden - Landscape Works	ISO 9001 Quality Management System	
Energy Management Studies	ISO 9001 Quality Management System ISO 5001 Energy Management System	

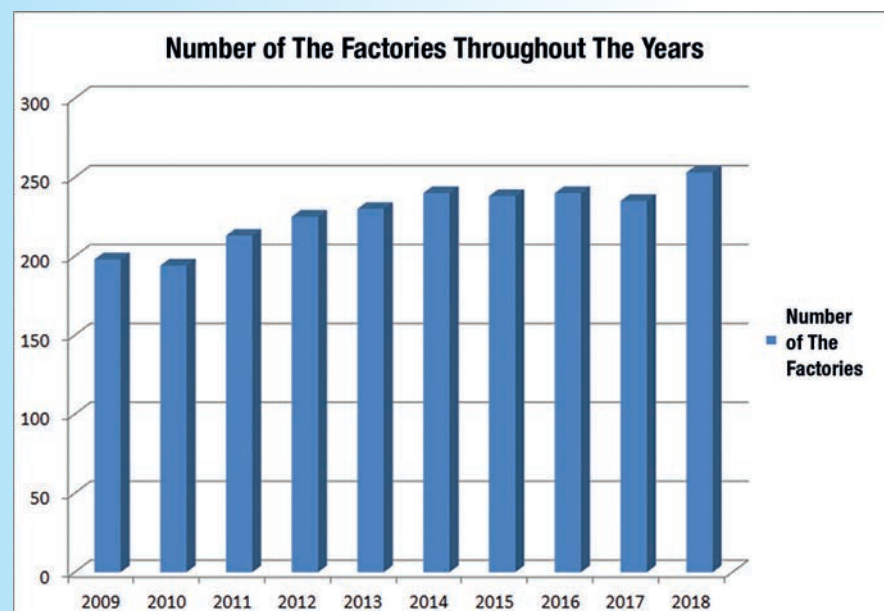




## OTHER SERVICES

Other services that we give as COIZ in order to provide the needs and developments of the companies in the region, within the framework of OIZ Law and Regulation No. 4562, are:

- COIZ Wastewater Treatment Plant
- Private COIZ Vocational and Technical Anatolian High School
- Private COIZ Nursery and Day Care
- COIZ Conference Hall
- COIZ SCADA Monitoring System
- COIZ Camera Tracking System
- COIZ Social Complex
- COIZ Fire Department
- 7/24 Ambulance
- COIZ Trade Blocks
- COIZ Truck Park
- COIZ Meeting Hall
- COIZ Private Employment Agency
- Eximbank Agency
- Special Equipments for Winter Services



## SECTORS OF PRODUCTION

In the first years when COIZ was established (1976), while the textile sector was dominant, in the recent years, COIZ has become a mixed OIZ which has companies in the field of plastic, rubber, chemistry, electrical equipments, metal, paper, food and pharma. The sectors of the factories and the percentages of the sectors are;

Main Sectors		Percentage in COIZ
	Manufacture of Textile and Clothing Goods	25%
	Manufacture of Rubber and Plastic Products	17%
	Manufacture of Chemicals and Chemical Products	8%
	Manufacture of Fabricated Metal Products	6%
	Manufacture of Electrical Equipment	6%
	Manufacture of Basic Pharmaceutical Products and Pharmaceutical Preparations	5%
	Manufacture of Basic Metal Industry	3%
	Manufacture of Paper and Card Products	3%
	Manufacture of Food Products	3%
	Other Manufacturing	24%

41 out of 253 factories in COIZ belong to foreign investors. These investors are from different countries such as Germany, America, Switzerland, Netherlands, Japan and Korea etc. Their choice of COIZ clearly indicates the importance of the quality and continuity of the services provided and maintained by us.

SECTORS	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Textile Products Manufacturing	77	75	80	77	74	80	81	64	71	68	62	59	58
Manufacture of Rubber and Plastic Products	12	18	13	19	20	21	24	30	28	32	32	36	42
Manufacture of Chemicals and Chemical Products	15	18	15	19	21	24	28	22	21	21	20	20	20
Manufacture of Fabricated Metal Products, except Machinery and Equipment			18	23	22	26	26	15	15	14	15	14	15
Manufacture of Electrical Equipment	16	3	6	5	5	5	6	11	11	13	14	13	14
Manufacture of Basic Pharmaceutical Products and Pharmaceutical Preparations	8		8					9	9	10	12	11	12
Manufacture of Machinery and Equipment nec (Not Elsewhere Classified)		1		1	1	1	2	9	11	12	13	11	11
Other Productions	22	25	19	33	31	34	33	17	12	10	12	8	11
Basic Metal Industry	14	13	11					5	5	5	6	6	8
Food Production	6	5	6	5	6	7	7	6	6	6	6	6	8
Wholesale Trade (Other than Motor Vehicles and Motorcycles)									1	3	4	7	7
Manufacture of Paper and Paper Products	7	3	3	2	2	2	3	6	6	6	6	7	7
Manufacture of Clothing								11	12	9	8	7	6
Manufacture of other Non-metallic Mineral Products		2		2	2	2	3	4	4	4	4	4	4
Manufacture of Motor Vehicles, Trailers and Side Trailers									1	2	1	1	4
Manufacture of Beverages		1		2	2	3	4	4	4	4	4	3	3
Printing and Reproduction of Recording Media								3	3	3	3	3	3
Machine and Navy Installation and Consent									1	2	2	3	3
Manufacture of Computers, Electronics and Optical Products		1		3	1	1	1	2	2	1	2	2	3
Furniture Manufacturing								3	3	3	3	3	2
Wood, Wood Products and Mushroom Products		2	5	2	2	2	2	4	4	2	2	2	2
Retail Trade									1	1	2	2	2
Other Service Activities										1	2	2	2
Wholesale and Retail Trade and Repair of Motor Vehicles and Motorcycles									1	1	1	2	2
Manufacture of Leather and Related Products		1		1	1	1	1	3	3	1	1	1	2
Electricity, Gas, Steam and Air Conditioning Production and Distribution									3	3	2	1	1
Manufacture of Coke and Refined Petroleum Products		4		4	4	4	4	2	2	1	1	1	1
<b>TOTAL NUMBER OF FACTORIES</b>	<b>177</b>	<b>172</b>	<b>184</b>	<b>198</b>	<b>194</b>	<b>213</b>	<b>225</b>	<b>230</b>	<b>240</b>	<b>238</b>	<b>240</b>	<b>235</b>	<b>253</b>

Number of the Factories and Sectors in COIZ by years



With an innovative, constant reformative and sustainable approach,

- Offering high quality and affordable services to our participants,
  - Supporting in providing qualified labor force,
- Prioritizing benefits of society and environment with social responsibility projects.



Being an OIZ;

- Keeping up with the technological developments,
- Offering required substructure services to the participants to create competitive global brands with high technology products,
- Pioneering in both raising and employing qualified labor force,
- Innovative, environmental, preferred and having social sensitivity at the highest level.

- Participatory and quality service oriented,
- Respectful to the human and the environment,
  - Respectful to the universal ethic principles,
    - Transparent and Fair,
      - Innovative,
  - Solution Oriented.



**COIZ, which operates in various sectors from textile, chemistry, electronics and food, is the getaway of our country from Thrace to the World with its growing capacity day after day...**



### ECONOMIC



**1,251** ha COIZ Total Area Size  
**356** Industrial Parcels  
**253** Companies  
**20,6** Billion Annual Turnover of Our Industrialists  
Annual Export of **\$ 3,5** Billion  
**23** R & D Center  
**2** Design Center  
Electricity Consumption **1.516.958.631** kWh (yearly)  
Water Consumption **30.097.834** m<sup>3</sup> (yearly)  
Natural Gas Consumption **213.003.071** Sm<sup>3</sup> (yearly)  
**31** Number of Companies in the Top 1000 in TEA (Turkish Exporters Assembly)  
**20** Number of Companies in our Region in Top 500 in ISO  
**17** Number of Companies in our Region in the Second 500 in ISO

### SOCIAL



**77.000** Number of Employees in Companies  
**260** Corporate Number of Employees  
**41** Foreign Investors  
**1.200** Student Capacity of COIZ Vocational and Technical Anatolian High School  
**7.140** Number of Persons Reached Per Year under Social Responsibility Projects  
**1.200** Employees in R & D and Design Centers  
**1.000** Number of Persons Trained in Regional Companies  
**1.500** Number of students we provide Fire - Environmental Training Each Year

### ENVIRONMENT



**80.000** m<sup>3</sup> Daily Industrial Waste Water Treatment  
**679.000** m<sup>2</sup> Total Green Area in COIZ  
**18.320** Number of Planted Tree Seedlings in the Region  
**100.000** Number of Tree Seedlings Planted in Nearby Settlements



## INSTITUTIONAL MANAGEMENT

We carry out all the actions in COIZ in accordance with the principles of strategic, fairness, responsibility and accountability.

It has been developed a style of action by considering the impacts of the decisions, which are made by the top-decision-making bodies of COIZ (General Assembly, the Board of Director) and the execution of the works at a lower level, on participants and other stakeholders.

All companies are approached equally within the framework of the OIZ Law and Regulations No.4562 in the basic services and other routines that our participant companies demand from COIZ, especially electricity, water, natural gas and wastewater.



Board Meeting of COIZ



Employees of COIZ





## STAKEHOLDER OPINION

The world entered a major change with the industrial revolution and experienced a rapid economic development. With the proclamation of the Republic and the support of Atatürk, the Turkish Industry had the opportunity to mobilize. After 1950, 1980 and 2000, the industry developed in our country and started to gain different dimensions and to produce competitive, robust, technological industrial products.

With the planned development period started in 1960, it was determined that industry was the locomotive sector. Together with these studies, the first OIZ was established in 1961 in our country.

While 10 years have passed since the establishment of the first OIZ in our country, in 1973, COIZ; which is the second largest OIZ in Turkey was established. Providing services to more than 250 industrial organizations including our company, COIZ carries out activities that fully comply with the establishment targets of OIZs. It provides uninterrupted and high quality service to the industrial organizations in the supply of electricity and natural gas with its reliable infrastructure facilities.

The joint wastewater treatment plant provides significant benefits in terms of environmental pollution prevention. While saving the industrialist from the treatment process, which is very difficult to manage, it also makes significant contributions to the Rescue Project of the Ergene Basin in our region.

It provides full support to the industrialist with its competent staff in the works that encourage efficient land use and the follow-up of zoning permits.

Placing the power lines underground, switching the lighting of the region to economical alternatives provides a great benefit for the efficient use of natural resources. We think that Yoncalı Dam, which will be built by COIZ, is very important in terms of meeting the water needs of the enterprises in our region. We closely monitor and support the implementation of the project.

As industry develops, it shows with great honor to both the people of the region and other OIZs that not only new factory buildings are rising, but also green areas can increase. Before the establishment of COIZ, Çerkezköy, which is on the list of Priority Regions in Development of our country, has made a great contribution to our social sense. Prior to its establishment, COIZ also made a great contribution to Çerkezköy, which was included in the list of Priority Development Areas in Turkey. It has created the awareness of being educated in young people and also developed awareness in their families to support their children's education. A platform has been established for employers to contact the employer directly through the employment office within the COIZ.

It is understood that Cerkezkoy Organized Industrial Zone is one of Turkey's leading OSB, not only in the economic field, but also with the social services it offers. For many years, at the end of a busy working day, COIZ has been offering the opportunity to us like listening to a concert that blows off the stress and watching a theater with laughter. It helps to increase our social environment by organizing football-tennis tournaments between companies.

COIZ also provides great services to the people of the region. The establishment of a Vocational High School with a capacity of 1200 students or the Nursery and Day Care Service with a capacity of 240 children are just a few of these services.

We are experiencing the advantage and pride of being in COIZ, which provides services in accordance with the purpose of establishment of OIZs established in order to make it competitive with the world in terms of industry in our country.

We believe that we will get a higher level of service in the years to come with R & D activities and innovative management approach.

As Sarbak Metal family, we always stand by you and wish you endless success in your work.



**Andon ARAKELYAN**

Sarbak Metal San. ve Tic. A.Ş.

The Owner of the Company

Sector: Basic Metal Industry





ÇERKEZKÖY ORGANIZED INDUSTRIAL ZONE DIRECTORATE  
STRATEGIC PLAN  
(2018 - 2022)

Çerkezköy, 2018

## STRATEGIC MANAGEMENT OF COIZ

Institutional strategies presented by COIZ in the scope of the the Strategic Plan in 2018 are embraced on the basis of sustainability.

In this sence, a four-year COIZ Strategic Plan1 covering the period of 2018-2022 has been prepared considering the international, national and regional developments. While preparing the strategic plan, 82 different projects from the technical and administrative units in our institution are discussed and 12 of them are included in our plan in scope pf digitalization.

2018-2022 Strategic Plan of COIZ includes 4 strategic plans under main headings of “Providing Institutional Development”, “Improving Innovation Culture and Providing Digital Transformation”, “Conducting Works According to the Future Needs By Protecting Environment” and “Improving Labor Force in the Region”, 7 subgoals and 106 different activities.

19 different goals in our plan for “Conducting Works According to the Future Needs By Protecting Environment” and “Improving Labor Force in the Region” are very important to be directly related to sustainability.

### 6.2.3. Strategic Goals: Protecting the Environment and Conducting Studies According to the Needs of the Future

#### 6.2.3.1. Target: Conducting Studies to Protect the Environment

Target Area	Activity	Measure	Target	Managing Unit	2018	2019	2020	2021	2022
Environment	Expropriating Yoncalı Dam	Piece	1	Zoning and Planning-Financial Affairs Management	3%5	50%	15%		
Environment	Deep Sea Discharge Construction Payments	Piece	1	Construction and Financial Affairs Management	2%	4,8%	11,04%	11,04%	11,04%
Environment	Sludge Incineration Plant Payments	Piece	1	Financial Affairs Management	10%	100%			

#### 6.2.3.2. Target: Conducting New Studies According to the Future Needs of the Zone

Target Area	Activity	Measure	Target	Managing Unit	2018	2019	2020	2021	2022
Future Needs	Constructing Kapaklı Public Hospital	Piece	1	Construction and Financial Affairs Management	-	20%	40%	40%	
Future Needs	Expropriating Lands	Piece	1	Financial Affairs Management	60%	30%	10%		
Future Needs	Renovating and Enhancing 1st and 2nd part Electricity Distribution System	Piece	1	Machine and Energy Management	50%	50%			
Future Needs	154 KV Çerkezköy OIZ TM 3th and 4th Transformers and Starting Up 3rd Transformer	Piece	1	Machine and Energy Management	100%				
Future Needs	Constructing COIZ Additional Recreational Facility (Kitchen)	Piece	1	Machine and Energy - Construction and Financial Affairs Management	-	40%	50%	10%	
Future Needs	Revision of 2nd Part Ventilating System	Piece	1	Machine and Energy Management	100%				
Future Needs	Setting up 2nd Part Additional Hydrant Line and Pump Group	Piece	1	Machine and Energy Management	-	-	100%		

### 6.2.4. Strategic Goal: Improving Human Resources in the Region

#### 6.2.4.1. Target: Improving Qualities of People Living in the Closed Settlements and Providing Services to Improve Their Social Cultural Levels

Target Area	Activity	Measure	Target	Managing Unit	2018	2019	2020	2021	2022
Improving Human Resources	Constructing Kapaklı Gymnasium	Piece	1	Machine and Energy - Construction and Financial Affairs Management	100%				
Improving Human Resources	Constructing COIZ Mentally Handicapped Protected Workplace (ZEKI Project)	Piece	1	Machine and Energy - Construction and Financial Affairs Management		40%	50%	10%	
Improving Human Resources	Providing Furnitures for ZEKI Project and Additional Recreational Facility	Piece	1	Zoning and Planning Financial Affairs Management	-	-	40%	60%	
Improving Human Resources	Building a School with 32 Classrooms for Çerkezköy	Piece	1	Zoning and Planning Financial Affairs Management	20%	80%			

Operational processes in COIZ are continuously improved by following the latest technology and thanks to the importance our employees attach to service quality and their sensitivity at this point and create a sustainable value for our participants. Faster, more economic and more sensitive information and services are presented to our participants with a focus on digitalization in the industry and with a sustainable approach.

A management approach is based on effective and transparent communication for all our internal and external stakeholders in COIZ. In this framework, all the services given to our stakeholders are taken into consideration while determining our sustainable priorities.

In pursuit of our Strategic Plan of 2018-2022, we completed our Sustainability Report based on the data of 2018. For our Sustainability Report, we got our stakeholder's opinions to determine our priorities and vision and we prepared our report by taking their opinions into consideration. We presented our sustainability goals in a brave, determined and clear vision and integrated this goals into our institutional goals.

While explaining our strategy and goals, we also consider the issues that we need to work hard and develop by considering the positive/negative balance. On the other hand, we realizes that sustainability factors are difficult to interiorize for all our employees and take time. However, within the framework of the high level of intellectual capacity of COIZ, which has developed and become one of the exemplary OIZs of our country since 1976, we have seen that our past studies (eg common wastewater treatment plant, environmental controls, vocational high school, conference hall, infrastructure-superstructure works, support to education, activities for groups that need to be positively supported in society...) serve the sustainable goals.

New Generation Organized Industrial Zones<sup>2</sup>



## Global Mega Trends: New Generation Organized Industrial Zones

There have been lots of innovations that walk into our lives and spark debates in the last 5-6 years. Internet of Things (IoT), artificial intelligence, mobile internet, drones, autonomous cars... With this new technologies that have a place in our lives, a new concept has shown up: Smart Cities. In this cities, datas taken from the sensors are transferred to the Internet and these datas are processed and make a contribution to the public.

A concept similar to the concept of smart city applications, which began to be seen in cities like Barcelona, London, Singapore, Vienna and Copenhagen in the World, started to be considered in organized industrial zones. These new systems that we can specify as Digital OIZ, show themselves in SCADA applications in terms of monitoring energy data in our country.

SCADA System Project in COIZ started in 2008 and started its construction works in 2010 and with this SCADA System, electric, water, natural gas and wastewater datas



of the participant companies are monitored and evaluated. On the other hand, LED lightning systems which save energy and monitoring the streets with over 300 cameras in COIZ are among our Digital OIZ applications.

It is also possible that Digital OIZ applications will be the cyber-physical system applications that the technologies which make digital transformation possible are also connected and will include traffic, health, transformation, waste, parking area, lightning, fire alarm, logistics, security cameras, new communication networks (like 5G systems). Similar to smart city applications; it seems inevitable that OIZ managements will keep up with this digital transformation through the applications they will make in decision-making and operational processes.

Application Name	Core Benefit
COIZ SCADA System	Monitoring the datas and faults of electric, water, natural gas and wastewater of the participants companies
Energy Saving LED Street Lightning	Energy-saving lightning in the streets of COIZ
Security Cameras	Monitoring COIZ 7/24 for traffic, fire and legal goals with over 300 cameras
Drone System	Monitoring COIZ from above in case of sudden/emergency situations such as fire and taking videos/ photos at the required points in the region
COIZ Clean Energy Applications	Providing continuous electric energy to the participants with the infrastructure of COIZ
COIZ Information System	Digitalizing services directed to participant companies (Monitoring Electric Consumption, Natural Gas Estimated Consumption Input, Billing etc)



There are applications in the countries such as USA and India, that are known as Industrial Park in the World and they are similar to organized industrial zones in Turkey. However, they are different from OIZ applications in our country in terms of establishment and management.

Considering the latest developments (megatrend) in the world in term of development of OIZs, it is seen that there is a need for a high-tech concept as well as being eco-friendly because of the environmental pollution and its effects caused by increase of the number of industrial zones and the number of factories. New Generation Industrial Zones, that are created with this concept, are named as Eco Industrial Parks.

When the goals and applications of OIZs considered, Eco Industrial Parks and Organized Industrial Zones have a lot in common, there are significant differences between them. These similarities; bringing together different parts of society including representatives of the private sector, local government, chambers of industry

and commerce, employing expert staff in field of environment, technology etc, providing savings in companies' sub-structure costs with common services such as treatment plants and having common use areas such as social complex.

Besides the works that increases the environmental performance (for example establishment and operation of a common wastewater treatment plant) by taking into consideration of the needs of the participants, the Regional Directorate provides effective and continuous information and the social and economic benefits (Vocational High School, Nursery, Trade Blocks, Social Facility etc) to the companies.



“Busan Eco Industrial Park” and “Ulsan Industrial Park” in Korea are the best examples of Eco Industrial Parks in the world. It can be said that Eco Industrial Parks will become a current issue in the coming days in terms of sustainable transformation of OIZs which have become very important application areas in terms of industrial development of Turkey after 1960 and whose numbers are 327.





## OUR APPROACH TO INNOVATION AND DIGITALIZATION

COIZ aims to activate the innovation activities in order to develop institutional innovation culture and applications in 2018-2022.

COIZ considers digital transformation as a holistic transformation which integrates human, work processes and technological concepts in order to provide more efficient and more productive services in accordance with the opportunities offered by continuously improving information and communication technologies and the needs of our participants.

In this framework; this transformation is not only a period of web 2.0., mobile, broadband Internet, cloud computing, digital media, big data, Artificial Intelligence, Augmented Reality, Internet of Things and 3D printers, but will also be a sustainable structural transformation that will make the new technologies and automations provided by COIZ productive.

Our vision on Digitalization in Industry; “Providing faster, more economic and more sensitive information and service to our participants.”

In institutional way in our digital transformation, it is planned to carry out a structure and style of action compatible with “Industrial Revolution of Turkey- Digital Turkey Road Map” prepared by the Ministry of Industry and Technology.

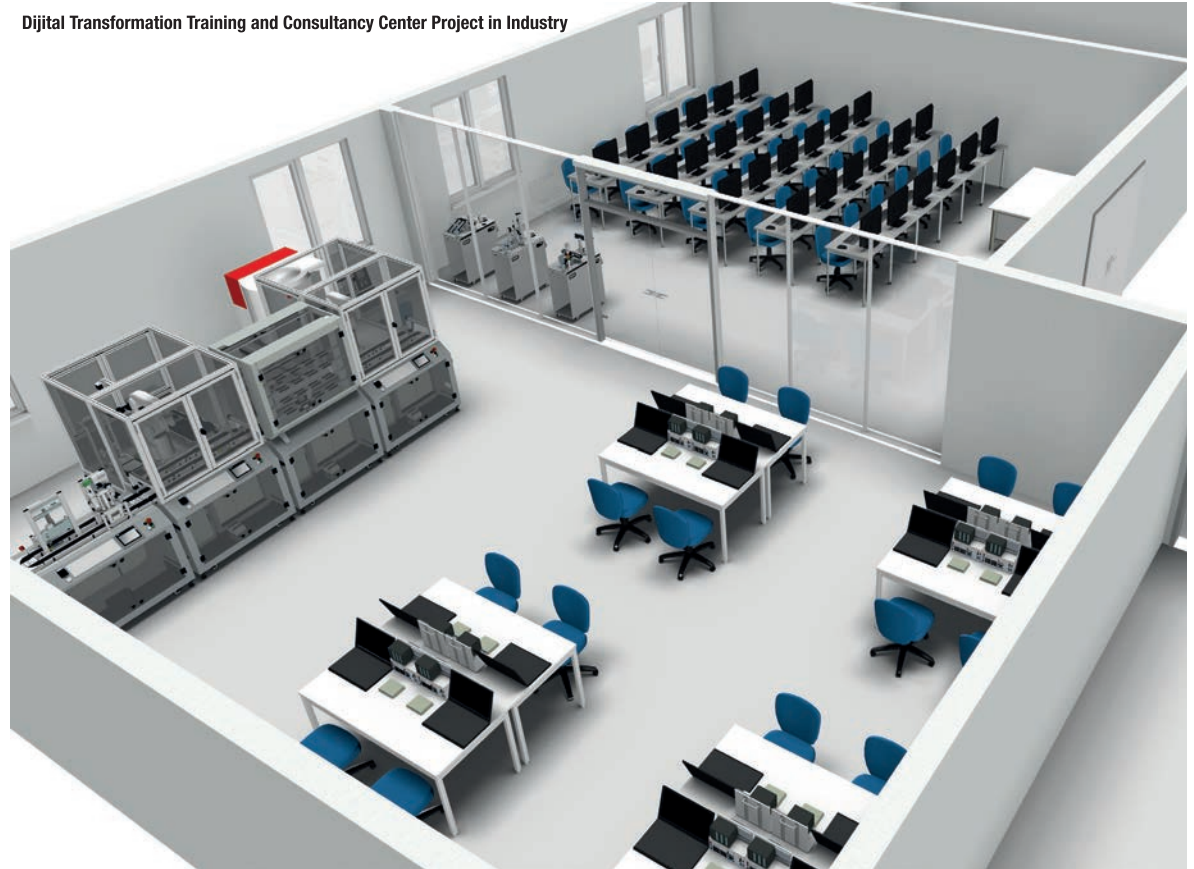
In this context, particular efforts will be made to implement programs to contribute to the digital transformation of our participating companies from different sectors in our region besides our own institutional transformation. For this purpose, it was started to form “Digital Transformation in Industry Training and Consultancy Center” in Private COIZ Vocational and Technical Anatolian High School in 2018.

By the end of 2018, “Digital Transformation in Industry Feasibility Report”, that will expedite digital studies of COIZ and contribute to digital transformation of the companies in the region, was completed.

### Main strategic area of development of COIZ in terms of digital transformation;

- 1) Determining Digital Maturity Level of COIZ in institutional aspect and our participants' aspects,
- 2) Starting of works that are coherent with “Digital Transformation of Industry Project” of the Ministry of Industry and Technology,
- 3) Developing and implementing projects that initiate transformation institutionally,
- 4) Following digital developments in participant companies of COIZ.

Dijital Transformation Training and Consultancy Center Project in Industry



## Summary of COIZ's Approach to Innovation and Digitalization in Industry

Digitalization  
Vision



Main  
Strategic  
Development  
Areas



Strategic  
Goal

"Providing Faster, more Economic and more Sensitive Information and Service to Our Participants with a Sustainable Approach"

- 1) Determining Digital Maturity Level of COIZ in institutional aspect and our participants' aspects,
- 2) Starting of works that are coherent with "Digital Transformation of Industry Project" of the Ministry of Industry and Technology,
- 3) Developing and Implementing projects that initiate transformation institutionally,
- 4) Following digital developments in participant companies of COIZ.

Improving Innovation Culture and Providing Digital Transformation of COIZ

### Target: Activating Innovation Activities of COIZ

Target Area	Activity	Measure	Target	2018	2019	2020	2021	2022
COIZ	Number of Actualized Innovative Project	Piece	2	100%	100%	100%	100%	100%

### Target: Implementing Studies Towards Providing Faster, more Economic and more Sensitive Information and Service to Our Participants with a Sustainable Approach

Target Area	Activity	Measure	Target	2018	2019	2020	2021	2022
COIZ	Updating the current software program for electric, water, waste water and natural gas consumption bills of the participants	Piece	1	100%				
COIZ	Preparing Environmental Laboratory Analysis Program	Piece	1		100%			
COIZ	Building a tracking system towards the applications of individuals benefit from recreational facility	Piece	1		100%			
COIZ	Developing a software towards tracking Employment Office Services on WEB	Piece	1		100%			
COIZ	Presenting the wastewater analysis results of the participant companies electronically	Piece	1			100%		
COIZ	Building automatic publicity system towards the deadlines of the drain connection documents	Piece	1			100%		
COIZ	By building COIZ information system, presenting the datas such as Zoning Plan, current map, substructure information, verbal data for the parcels to the regional staff and participants and collecting them on a single platform.	Piece	1		50%	50%		
COIZ	Developing mobile application of COIZ website towards using the app from smart phones.	Piece	1		100%			
COIZ	Developing ERP software that will monitor the applications of all units of COIZ in institutional way.	Piece	1		20%	20%	20%	20%
COIZ	Developing a software for Customer Relations Management (CRM)	Piece	1			50%	50%	
COIZ	Placing digital advertising and billboards in the zone	Piece	1		50%	50%		
COIZ	Putting a fire alarm (panic) button in participant companies of COIZ	Piece	1		50%	50%		

Strategic  
Objectives



Our preparations have started to train the labor force that will contribute to the digital transformation in our region by building a laboratory in Private COIZ Vocational and Technical Anatolian High School as stated in “Digital Transformation in Industry Feasibility Report”.

In order to evaluate the approach of the employees to the innovation, “Testing Innovation Culture Survey” was conducted. In consequence of this survey, illustrated awareness practices that emphasize the importance of innovation were made in different parts of the organization, a brainstorming team named “Digital Transformation Workshop” was formed and innovative project development activities have been started.



According to “Innovation Culture Survey” which was applied for the first time in 2018, 87% of our employees think that creativeness and innovativeness are very important for their jobs, 79% of them believe that our institution is innovative and 64% of them state that they are highly motivated about generating creative solutions.

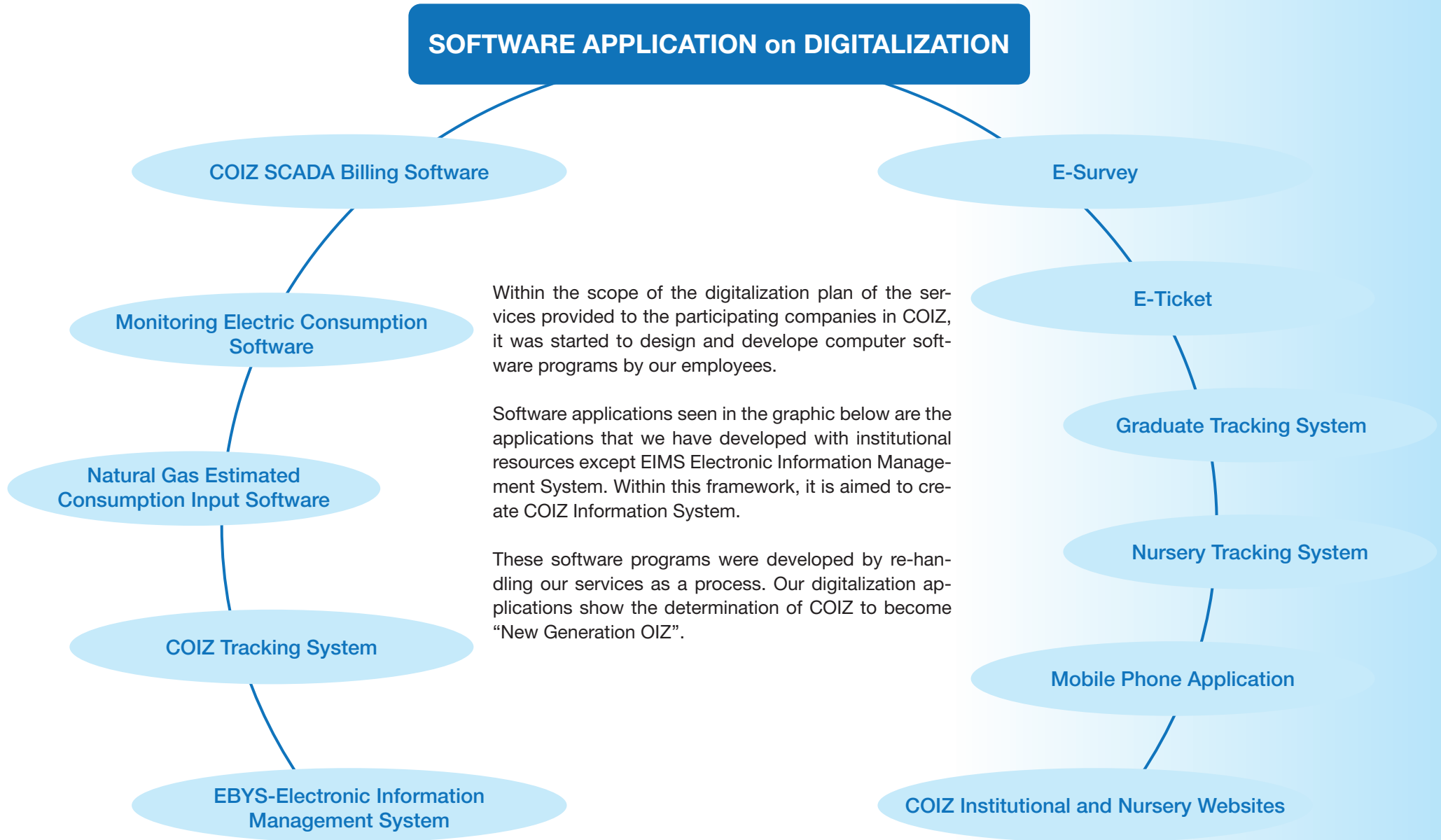
In order to increase the participation of the employees in the projects, “Project Follow-up Software” study was started in 2018 to encourage new projects by collecting proposals electronically and it will be completed in 2019. Via this software, our employees can share their ideas and suggestions suitable for vision of COIZ. COIZ Management plan to share the feedbacks from employees and activities made about them in the next report period.



Digitalisation Meeting of COIZ



- Applications of Digitalization





# COLZ E-Survey Program

In order to conduct our surveys online, a survey program is prepared and reputation research survey, participant satisfaction survey etc are started to be conducted on.

## COLZ Billing Software

Electric, water, wastewater, pollution, natural gas and contribution bills that are made out by COIZ Finance Unit are prepared via COIZ Billing Program.

[illegible]

## COIZ Monitoring Electric Consumption Software

The monthly consumption and production values of the electricity meters defined in the COIZ SCADA System can be monitored via internet browser through this program.



## COIZ Consumption of Estimated Natural Gas Input Software

AS COIZ, we have developed a program for our participants to input their daily consumption of estimated natural gas, because the institution that we purchase natural gas demanded the estimated consumption from our region and the consumption publish on [www.cosb.org.tr](http://www.cosb.org.tr) our participants input their daily consumption and our natural gas unit can list the daily estimated consumption and contract amount with the figures entered.

## COIZ Tracking Program Software

In COIZ Tracking Program Software which was prepared within the framework of institutional needs, Contracts, insurance policies, personnel documents, periodical documents, machinery / equipment maintenance, inventory / embezzlement and stock modules are available.

TANITIMLARİŞLEMLERİŞ TAKİPMAKİNA/EKİPMAN BAKIMİSTOKDEMİRBAŞ/ZİMMETİZLEMEİŞLİSTELERRAPORLARAJANDA

ÇIKIŞ

ÇıkışPlanlı Bakım Listesi

İli KayıtÖncekiSonrakiSon Kayıt

EkleKayıtlarıYenileSilYazdırFormÇıkış

Kayıt ListesiDetay

Bakım Tarihi

Bölüm

TÜMÜ

Makine/Ekipman

TÜMÜ

Açıklama/Notları

Açık

Yıl	No	Planlanan Bakım Tarihi	Makine Ekipman Kodu	Makine Ekipman Adı	Bölüm Adı	Periyot	Bakım Tutarı	Güvenlik Tutarı	Planlan Personel
2018	123	14.01.2018	46	FOTOKOPİ MAKİNESİ	İdari Birim	Aylık	FOTOKOPİ MAKİNESİ BAKIM		
2018	129	11.02.2018	26	LG-ERİSSON	İdari Birim	2 Aylık	TELEFON SANTRALI BAKIM		
2018	1	13.02.2018	1	KONE ASANSÖR	İdari Birim	Aylık	ASANSÖR BAKIM		
2018	2	13.02.2018	2	KONE ASANSÖR	Konferans Salonu	Aylık	ASANSÖR BAKIM		
2018	3	13.02.2018	3	KONE ASANSÖR	COSB Meslek Lisesi	Aylık	ASANSÖR BAKIM		
2018	134	28.02.2018							
2018	128	1.04.2018							
2018	93	5.04.2018							
2018	94	5.04.2018							
2018	95	5.04.2018							
2018	96	22.04.2018							
2018	97	22.04.2018							
2018	98	22.04.2018							
2018	99	22.04.2018							
2018	100	30.04.2018							
2018	101	30.04.2018							

COIZ

ÇİRCENİZKÖY ÖRGANİZE SANAYİ BİLGİSİ

PERİYODİK BAKIM PLANI

2018											
Ocak	Şubat	Nisan	Mayıs	Temmuz	Ağustos	Ekim	Kasım	Aralık			
2018	97	22.04.2018	ALDAD ASPIRATOR	Periyot Planlanan Tarih Geçirilen Tarih	Yalık	7.07.2018					
2018	98	22.04.2018	ALDAD FAJZE RAJA	Periyot Planlanan Tarih Geçirilen Tarih	Yalık	7.07.2018					

COIZ

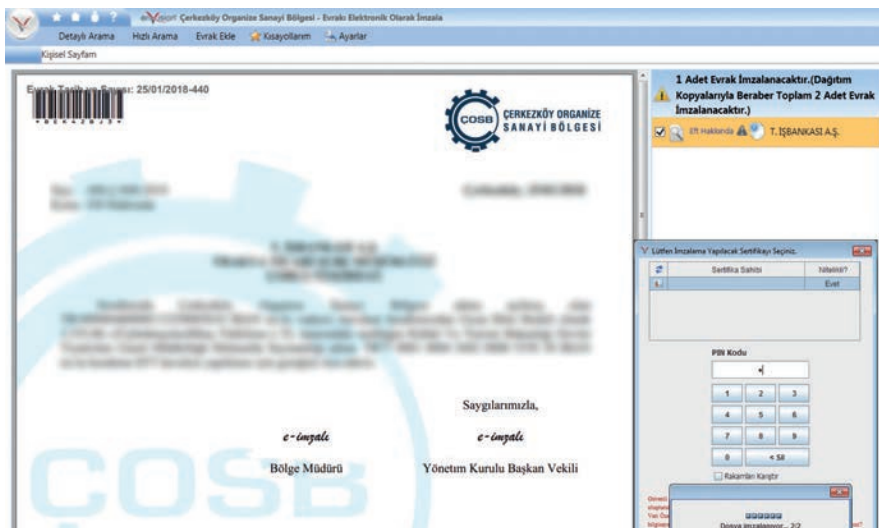
ÇİRCENİZKÖY ÖRGANİZE SANAYİ BİLGİSİ

TAŞIT ARAÇLARININ YAKIT TÜKETİMİ TAKİP ÇİZELGESİ

Tarih/Saat : 17.01.2018  
Sayfa No : 1 / 4

2017													Toplam	
	Ocak	Şubat	Mart	Nisan	Mayıs	Haziran	Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık		
24 RB 4106	Litre	88	91	95	143	95	144	140	95	142	143	141	144	1.440
		317	423	433	840	424	937	919	436	854	707	727		6.716
34 RB 4107	Litre	187	188	184	187	187	184	185	184	183	188	187	187	48.806
		886	874	867	870	865	860	822	854	873	718	738	742	8.702

Çirçenizköy Organize Sanayi Bölgesi



## Electronic Information Management System (EIMS)

Our documents are prepared by e-signature with EIMS program, which is being used to follow up the documents and business processes of our Regional Directorate in electronic environment and transmitted to the receivers in a fast, safe and formal way via REM (Registered Electronic Mail), after the incoming documents are registered to the program in our document registration unit, they are directed to the related units in electronic environment and thus, better quality and faster service are provided. Besides, different forms and work processes that are used in our region come under EIMS.

Year	2016	2017	2018
Number of Incoming and Outgoing Documents	10.687	11.827	11.611
Number of Participant Factories	239	237	253
Avarage Daily Number of Documents	42	49	44

*The transition to the EIMS system has resulted in savings in paper and labor force in line with the sustainability vision of the COIZ.*



## Graduate Tracking System of COIZ

Graduate Data System was formed up to increase the numbers of the employment. It enables us to follow the situation of the employment of our students.

## Tracking System of COIZ Nursery

The information about daily sleeping order, the order of the diets, daily activities, daily lessons of the children that are in our kindergarten was presented to the parents with a computer programme with access to the internet that was developed by regional directorate. This programme also includes a part that enables both the parents and the kindergarten exchange special notes about the process of the child's education.

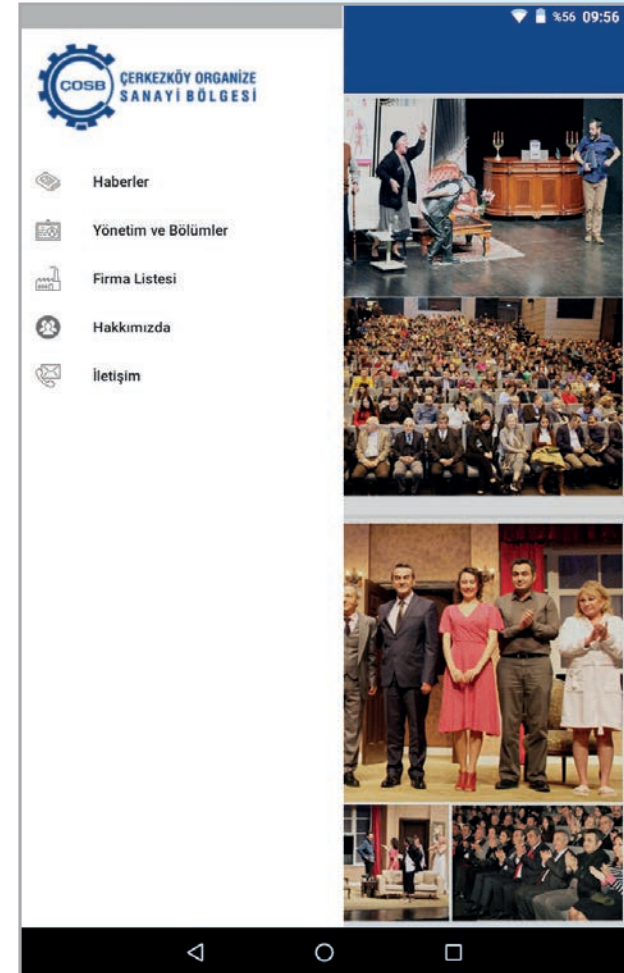
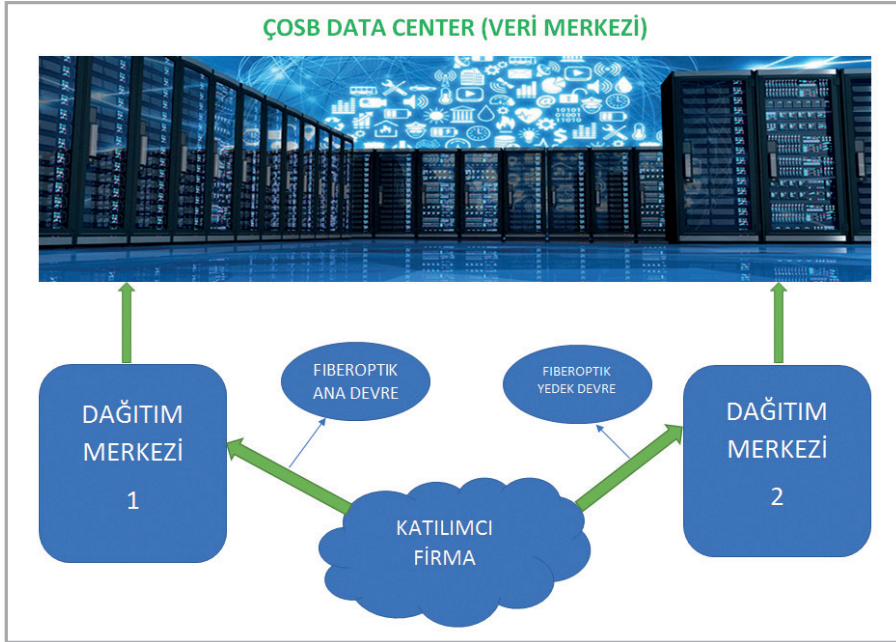
## COIZ Electronic Ticketing Application

Our Information Technologies Management has developed a software so as to enable to book tickets for the activities that are held in COIZ conference hall via the internet and this software has been integrated into our website and got into use.

Guests are sent invitation via this system and the guests reach their tickets easily without coming to the COIZ.

## Data Center Project

A Data Center Project was developed in the scope of hosting and backup services with a high speed and backup architecture to the firms in COIZ in 2018 by COIZ. The preparations for application and the transition are still ongoing.

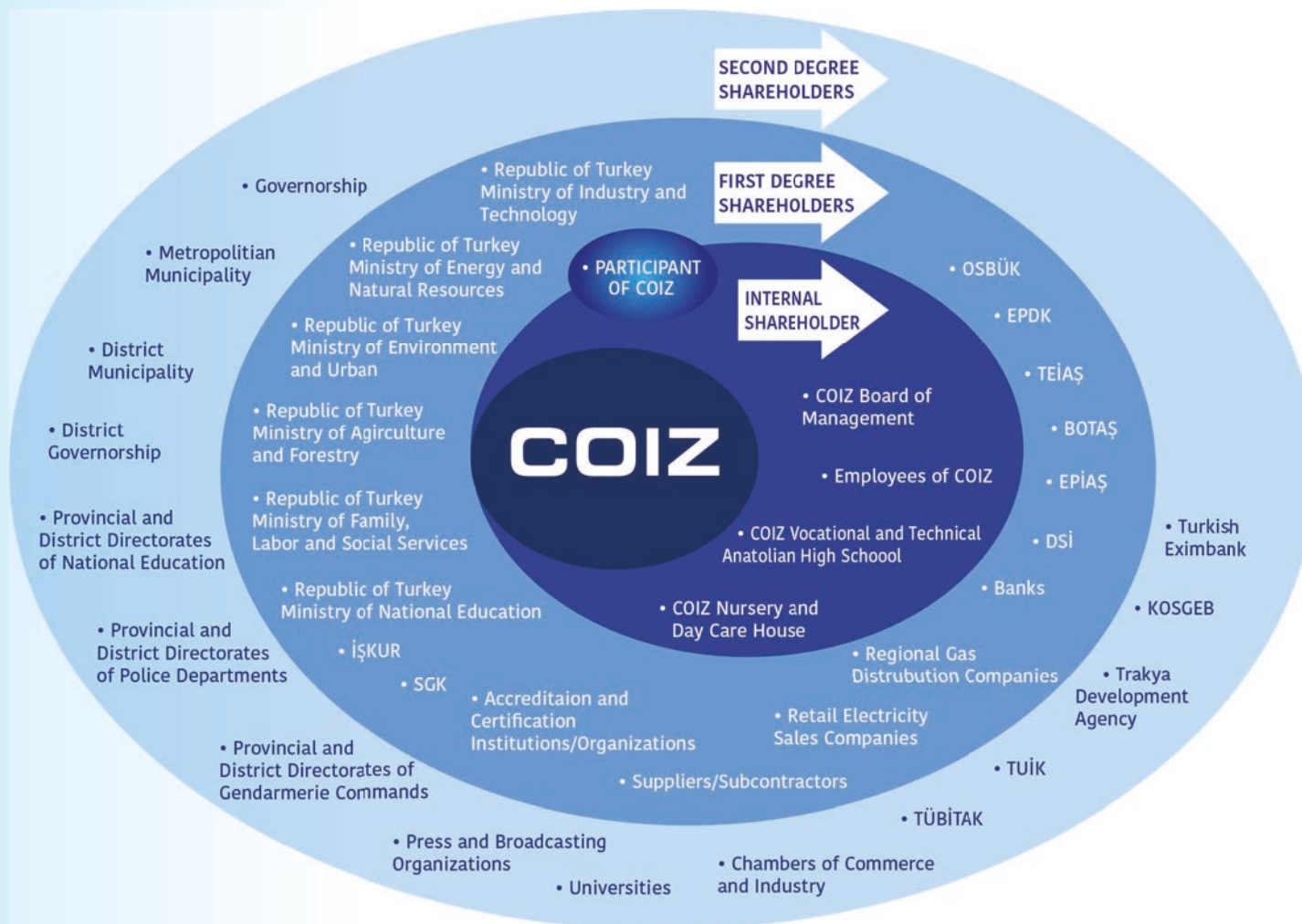


## COIZ Mobile Phone Application

COIZ, which accommodates itself to the time that changes and turns its head to the future, has improved itself in forming new communication ways with the help of Mobile Phone Application. Database, screen-design, coding that are developed by COIZ employees are targeted to enable the people reach activities of COIZ with this application.



## COMMUNICATION WITH OUR STAKEHOLDERS



Our stakeholders are people, institutions, organisations which are our partners in our services and projects, and getting affected from our outputs and effective at reaching business targets of COIZ.

In order to provide a sustainable development, we aim to make our benefits to our stakeholders sustainable, too.

We have evaluated our stakeholders in the scope of sustainability.

For this first report that we prepared, we have gotten the opinions of all of our stakeholders via a survey that asks the primary topics of sustainability. According to the results of the survey, we have determined that COIZ should focus on the issues of environment management, development investments for the needs of region, institutional operational productivity studies, working in accordance with the laws and regulations, satisfaction of the companies.

## Communication Platforms With Our Stakeholders


Stakeholders	Communication Platform	What They Expect From Us	How We Answer	Purpose of Communication	Sequence of Communication
Governmental Organisations	Institutional Social Responsibility Activities	Cooperation and Working in accordance with Laws and Regulations	We Work in Accordance with Laws and Regulations	Improving Social and Cultural Level	Always
	COIZ Periodical Magazine			Informing about Institutional Activities and Economical Developments	Six times a year
	Surveys			Institutional Reputation Survey	Once a year
	Phone / E.mail Contacts			Sharing Information	Always
	Meetings & Negotiations			Developing Relations	Always
Our Industrialists	Institutional Web Site	Energy and Environmental Project and Investments, Projects for Education and Development of the Employees, Projects for Health Services, Projects for Renewable Energies	Continuous Services for the Industrialists Within the Scope of the Law of OIZ Nu. 4562. Services to Support the Development of the Industrialists Considering the Surveys Conducting Regularly	Announcing Important Information and Institutional Services	Always
	Institutional Social Responsibility Activities			Improving Social and Cultural Level	Always
	Budget Proposal (Yearly Activity Report)			Sharing Yearly Activity Report and New Budget Proposal	Once a year
	Meetings with Industrialists			Exchanging Information	Sometimes in a year
	Visiting Factories			Developing Relations	Always
	Surveys			The Satisfaction and Institutional Reputation Survey	Once a year
	COIZ Periodical Magazine			Informing about Institutional Activities and Economical Developments	Six times a year
	Media			Sharing Information about Institutional Developments and News	Always
	Social Media			Informing about Institutional Activities and Economical Developments	Always
	Phone / E.mail Contacts			Sharing Information	Always
COIZ Employees	Electronic Information Management System (EIMS)			Managing Legal Documentation	Always
	Institutional Web Site	Occupational Health and Safety, High Level of Economical Performance of COIZ, Satisfaction of Employees, Training and Contribution to the Personal Development	We Care About the Satisfaction of our Employees. We Manage Equally and in a Fair Way	Announcing Important Information and Institutional Services	Always
	Institutional Social Responsibility Activities			Improving Social and Cultural Level	Always
	Internal Communication Boards			Informing about Institutional Activities and Economical Developments	Always
	Electronic Information Management System (EIMS)			Managing Legal Documentation	Always
	Surveys			The Satisfaction and Institutional Reputation Survey	Once a year
	COIZ Periodical Magazine			Informing about Institutional Activities and Economical Developments	Six times a year
	Social Media			Informing about Institutional Activities and Economical Developments	Always
	Phone / E.mail Contacts			Sharing Information	Always
Citizens	Institutional Web Site	Investments for the Environment, Education, Social and Cultur	Supportive Projects for Education and Environment	Announcing Important Information and Institutional Services	Always
	Institutional Social Responsibility Activities			Improving Social and Cultural Level	Always
	Surveys			Institutional Reputation Survey	Once a year
	COIZ Periodical Magazine			Informing about Institutional Activities and Economical Developments	Six times a year
	Media			Sharing Information about Institutional Developments and News	Always
Media, Press and Publication Organisations	Social Media	Sharing Information, Supporting Local Press	Sharing Information in Accordance with Institutional Hierarchy	Informing about Institutional Activities and Economical Developments	Always
	Phone / E.mail Contacts				
Nongovernmental Organisations	Institutional Web Site	Social Responsibility Projects, Supportive Applications	Cooperations and Supportive Projects in Accordance with COIZ Organisation's Targets	Announcing Important Information and Institutional Services	Always
	Institutional Social Responsibility Activities			Social and Cultural Data Elevation	Always
	Surveys			Institutional Reputation Survey	Once a year
	COIZ Periodical Magazine			Informing about Institutional Activities and Economical Developments	Six times a year
	Common Projects			Generating Social Benefits	Sometimes in a year
Universities	Institutional Web Site	Cooperation between University and Industry, Employment and Common Projects	Projects in Accordance with Regulations and Targets of the Institution	Announcing Important Information and Institutional Services	Always
	Common Projects			Creating Benefits for Organisations	Sometimes in a year
	Meetings			Developing Relations	Sometimes in a year
Suppliers	Meetings	More Cooperation in terms of Supplying the Goods and Services	Supply Chain Management Application	Meetings	Always
	Surveys			Institutional Reputation Survey	Once a year
	Phone / E.mail Contacts			Sharing Information	Always
Banks	Phone / E.mail Contacts	More Cooperation	Possible Cooperations by Considering Our Economical Performances	Sharing Information	Always
	Surveys			Institutional Reputation Survey	Once a year
	Meetings			Meetings about Trade Issues	Always

COIZ has an approach of “creating mutual value” with its stakeholders within the framework of its experience of more than 40 years. As COIZ, our communication (cooperation) issues and platforms with our stakeholders are shown below. Within this framework, relations are developed, our corporate activities are conveyed to our stakeholders and We act according to the expectations of our stakeholders.

The performance of the studies carried out within the scope of the cooperation is measured and an assessment is made to ensure that the results are improved.

COIZ actively uses its social media accounts to keep its stakeholders informed about the developments in the organization.

 /cosb.mudurlugu

 /cosb-mudurlugu

 /cerkez koyosb

 /Cerkez koyOs b

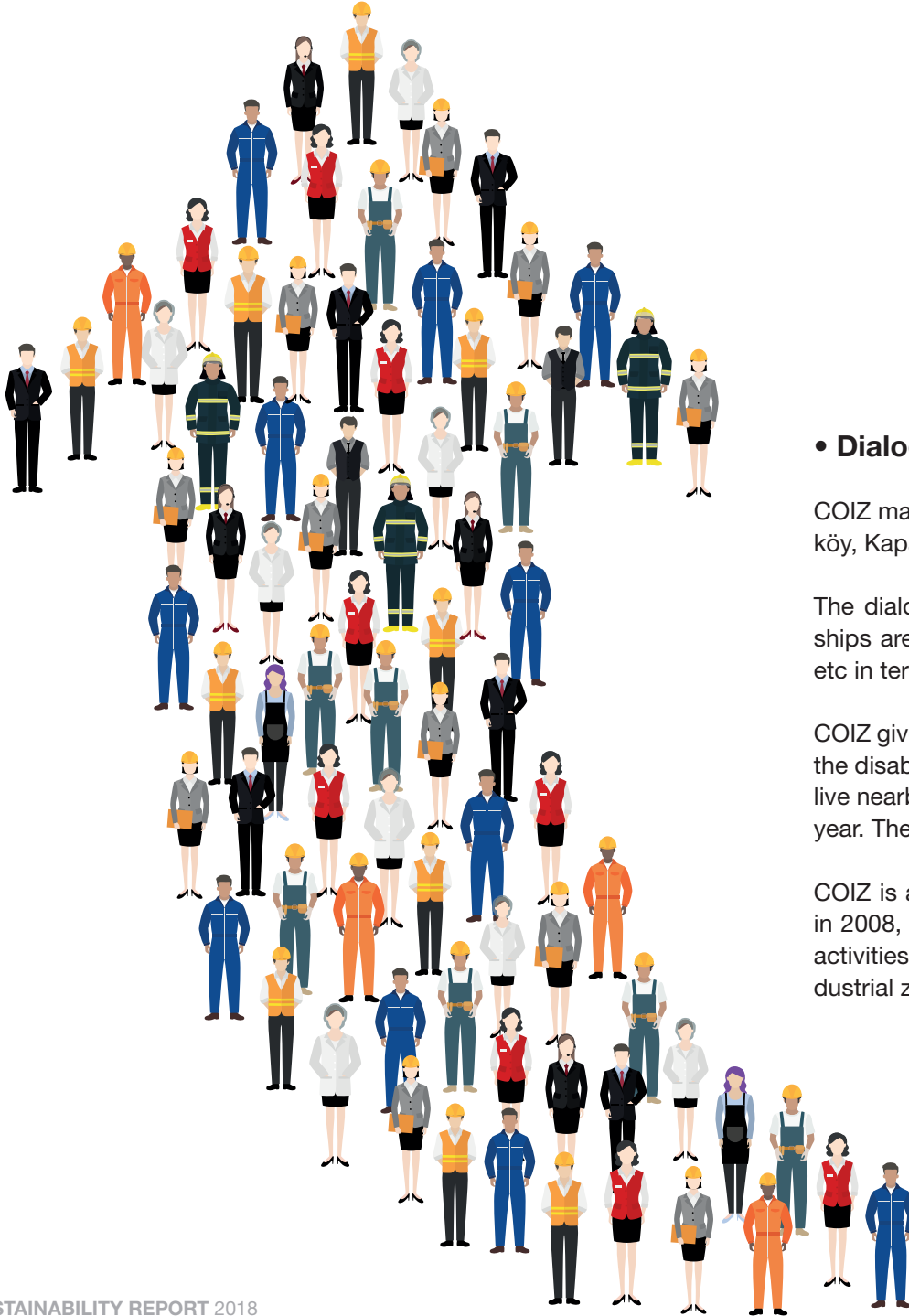
 /ÇOSBMüdürlüğü



## • Internal / External Stakeholder Analysis

RESPECTIVE PARTY	Out	REASON OF INTEREST	NEEDS AND EXPECTATIONS
Participator (Customer)	Out	The person who gets the service directly	Good price, quality of the service, non-stop service
Suppliers	Out	Material and service supply	Increase in purchase, long term supply contract, information about plans in the future purchasing, payment on time
Society -Public	Out	People who may get affected from the service in poor quality	Protecting the nature, ethical attitude, supporting social projects, obeying the law
Certification Organisations	Out	Organisations that evaluates the availability of management system of COIZ	Active audit, phases to get certificates
Municipalities	Out	Acting on urban areas of municipalities	Collecting environmental solid waste
ISO Standards /Booklets (Certification Organisations)	Out	Institutionalisation in line with international norms	Applying the system of ISO 9001, 50001 and 17025 standarts conditions
Foreign Currency/Inflation	Out	Service tariffs	Exchange rate fluctuations
Organisations linked to Republic of Turkey Ministry of Industry and Technology	Out	COIZ Legislations and Conditions	Being in accordance with the releated standards (product security, managementsystem), increase in business and following technological developments working in accordance with programmes, projects
Related Ministries and Organisations	Out	Legal legislation and condition	Leading the institutional activities in accordance with laws and legislation, registration and reports of these all
Regulatory Body (EPDK) (Republic of Turkey Energy Market Regulatory Authority)	Out	Legal legislation and condition	Working in accodance with industrial standards and the needs than can be applied, sending the reports on time, introducing defininf law and legislations
National Grid Operator (TEİAŞ) (Turkish Electricity Transmission Corporation)	Out	Legal legislation and condition	Compliance with the current legislation and regulations in terms of network operation in the national context, and making necessary notifications
National Grid Operator (BOTAŞ) (Petroleum Pipeline Company)	Out	Legal legislation and condition	Compliance with the current legislation and regulations in terms of network operation in the national context, and making necessary notifications
Turkish Employment (İŞKUR) (Republic of Turkey Turkish Employment Agency)	Out	Sharing information of job seekers and open positions	Providing support for the recruitment process of our participants at a highest level
Organisations	Out	Turkish State Theaters and private sector activities	Meeting the needs of regional public in terms of participators' social activities
Media	Out	COIZ Management activities, introducing the participators	Introduction, advertisement, organisations
RESPECTIVE PARTY	In	REASON OF INTEREST	NEEDS AND EXPECTATIONS
Employees	In	Responsible people that lead /give services	Ergonomic working place supporting individual progress evaluating the personnel objectively Cooperation ith the personnel, personnels' education, business laws and legislations, health and safet praising, payments by considering standards and qualifications
Management	In	COIZ Stakeholders	Jobs and Operations effectiveness sales and profits increasing growth quality systems effectiveness, respect of the instituton.
Financial Resources	In	The need of finance COIZ for its activities	Alternative Finance Research
Duty Titles / Organisation	In	COIZ Management Personnels' Activities	COIZ's services' available organisation structure, tasks' distributions and acting accordingly
Risk / Opportunities	In	Indicating the risks and analysing them	Analysing the risks and opportunities
Training	In	COIZ need legal legislations / investment into personnel	Active training
Infrastructure	In	Maintenance activities	Doing all the maintenance on time

In the internal and external stakeholder analysis table, the interests, needs and expectations of these stakeholders with the Regional Directorate are presented.



### • Dialogues with the Unions and Non-governmental Organisations

COIZ management maintains a positive dialogue with unions and other NGOs in Çerkez-köy, Kapaklı and Tekirdağ.

The dialogue between employees and the employers are encouraged. Strong relationships are maintained among professional associations such as Artisan Craftsmen Room etc in terms of business life.

COIZ gives importance to the collaboration with different NGOs and follows the activities of the disabled association closely in order to support the densely populated disabled who live nearby. COIZ also provides activities to meet their needs by organising picnics every year. These activities help the disabled to socialise and interact with the social life itself.

COIZ is a member of Organized Industrial Zones Association (OIZA), which was founded in 2008, to solve the common problems of organised industrial zones. COIZ joins in the activities of this association and expresses its opinions in the platforms where other industrial zones' managers are.



## ETHICS MANAGEMENT

COIZ has defined business ethics rules for its employees, as well as in our relations with participating companies, suppliers, local community and media.

COIZ Code of Business Ethics and Ethical Values in our Relations with Persons and Institutions are available on the institutional website of the COIZ.

We carry out our activities by adhering to the mission, vision and objectives of our institution and the fundamental principles of the UN Global Compact.

“Annual Report and Budget Draft” is prepared every year by COIZ and communicated to all participating companies before the General Assembly meeting, which includes the activities and performance of the previous year and the budget proposal for the coming year. Our stakeholders who want to make a notification and complaint can reach us via e-mail at [kurumsaliletisim@cosb.org.tr](mailto:kurumsaliletisim@cosb.org.tr) or by calling 0 282 7581156.

### • Struggle with Bribe and Corruption

COIZ’s anti-bribery and anti-corruption policy covers all employees. COIZ attaches the highest importance to this policy; “zero tolerance” is applied if any employee, contractor, consultant, representative or business partner bribes or is bribed.

This principle of bribery and corruption is an integral part of our human resources practices.

As of the end of 2018, there were no judicial or administrative complaints regarding our company and its employees.

### • Our Policies

As COIZ, in line with the principle of sustainable development for our participants, employees and all other stakeholders, we consider digital developments with an approach that respects people and respects the environment; we invest in people, knowledge and technology. You can access our COIZ policies at [www.cosb.org.tr](http://www.cosb.org.tr)

- Information Security Policy
- Environmental Policy
- Energy Management Policy
- Human Rights Policy
- Human Resources Policy
- Occupational Health and Safety Policy
- Quality Policy
- Anti-Bribery and Anti-Corruption Policy
- Sustainability Policy



### • Personal Data Protection

With Compliance with the Personal Data Protection Law project, which was initiated and completed in 2018, all the business processes have been reviewed and implemented to ensure the collection, processing, sharing and destruction of data in accordance with the relevant legislation.

The related documentation has been integrated into our Quality Management System and included in the internal audit mechanisms in order to ensure the audit. Illumination texts, open consent texts and other documentation regarding the personal information received during the services provided by COIZ are added to the website of the Authority ([www.cosb.org.tr](http://www.cosb.org.tr)) and shared with the public.

## STAKEHOLDER OPINION

As an industrialist who owns a production facility in the region since 1997, I would like to state that I have found the sustainability work of the COIZ very successful.

At the same time, these studies make a great social contribution to the people of the region.

Vocational High School and Kindergarten which are opened for the future of our children, also the theatrical performances held in the conference hall, the education and seminars that have become continuous has made COIZ the center of attention.

Within the existing opportunities I would like to add some suggestions as a contribution to our goal of taking COIZ even further with the new projects and works:

Establishment of a permanent trade fair area within the structure of COIZ, to enable companies to know each other with the stands to be rented / to be established by the industrialists of our region and to create commercial potential by creating a network between the companies...

To create a new marketing platform by hosting visitors from our country and abroad in this fair area...

Kapaklı and Saray in recent years is among the most important migration areas of Turkey. And there are residential areas around our region and it continues to increase day by day. However, harmful and unpleasant flue gas wastes emitted from our region threaten human health and even disturb us.

Planting trees at the boundaries of each Facility (tree species which are region-specific and easy-to-maintain) must be placed as a license and settlement obligation.

Water supply from Yoncalı Dam should be established and completed by COIZ for the excessive water need and consumption of textile companies and other sector companies in our region.

As a result of the continuous use of underground water resources, we see that the habitats and nature balance rapidly deteriorate. It is important to take measures quickly in this regard...



**Kazım GAMGAM**

Poşetsan Ambalaj San. ve Tic. A.Ş.

The Owner of the Company

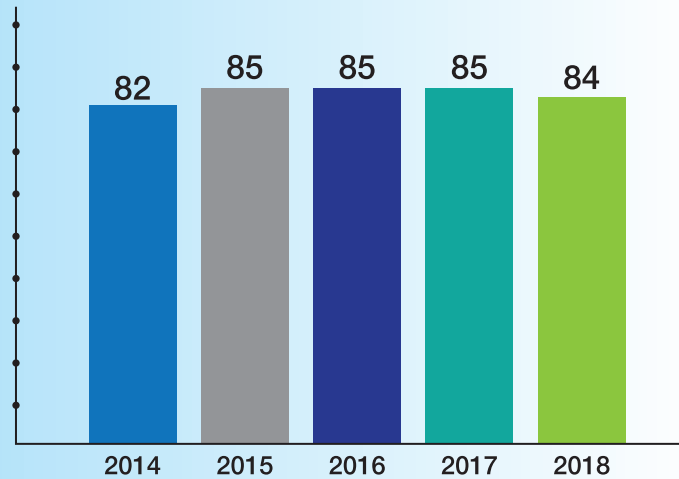
Sector: Manufacture of Rubber and Plastic Products



## RESEARCH AND SURVEY

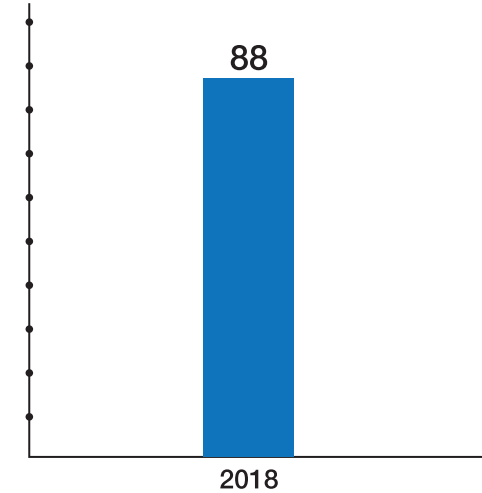
### • Participants Satisfaction Survey

Satisfaction figures of the surveys conducted by COIZ every year are regularly evaluated by the representatives of the participating companies and the quality of the services provided to the companies in the region are as follows:



### • Corporate Reputation Research

The Corporate Reputation Survey was conducted in November 2018 for the first time in order to determine how COIZ is perceived by its stakeholders. Within the scope of the survey conducted in the electronic environment with the employees of the region, employees of regional companies, suppliers, representatives of non-governmental organizations, local press representatives, representatives of OIZ in Tekirdağ and representatives of public institutions; The likelihood level of COIZ was determined as 88 out of 100.



## INSTITUTIONAL RISK MANAGEMENT

There is a risk map for the services provided by the COIZ, covering both the field and bureaucratic procedures. According to this map, necessary measures and controls were determined by the unit directorates and actions were created. It is seen that the risks related to the services provided in the Management Review meetings held within the scope of ISO 9001 Quality Management System twice a year are minimized by the actions taken. The risk map of the services provided within the organization within the framework of the existing quality management system is kept up to date.

Institutional monitoring and intervention mechanism are working on financial risks that may affect COIZ in terms of sustainability. Within this scope, electricity, water, natural gas, etc. That participant companies get therefore letters of guarantee (or cash assurance fee) are collected from them against the risk of not paying their debts on a certain date.

The debts of the participating companies are monitored on a monthly and weekly basis, and if the relevant debt payment is not made despite the verbal and written warning made after the payment on the specified date, the service provided to the relevant firm by the COIZ is stopped.

Depending on the general economic conditions in the world and in the country, within the framework of financial payment problems that may occur in regional companies, the companies reduce production amounts, fall into payment difficulties and energy consumption to COIZ and this inability to pay debts is also considered as a risk. The fact that COIZ is not able to collect its receivables from the participating companies in a timely manner will also directly affect its corporate payments and investments.



COIZ Management Review Meeting

## SUPPLY CHAIN

The goods and services required by the units operating under the COIZ Directorate to provide uninterrupted, high-quality and affordable services to the participating companies are provided in accordance with the OIZ Law No. 4562 and the Implementing Regulation. Within this framework, the Procurement Quality System Procedure regarding the goods and services provided by COIZ was established.

The authority amounts related to the monetary value of the goods and services that can be purchased by the Unit Managers and the Regional Manager submitted to

the approval of the General Assembly every year within the institution are determined. The purchase of goods and services above these figures requires a decision of the Board of Directors.

The purchasing conditions including the technical and quality requirements for the goods and services to be purchased are notified to the subcontractor / supplier. Subcontractor / supplier evaluation, selection and creation of approved supplier lists and ensuring continuity in procurement of goods and services are carried out in accordance with the internal quality system.





### Distribution of Purchasing Expenditures:

	2016	2017	2018
<b>Electricity*</b>	%55	%60	%61
<b>Natural Gas*</b>	%38	%34	%31
<b>Chemical</b>	%0,1	%0,01	%0,1
<b>Other</b>	%6	%5,6	%7,6
<b>TOTAL</b>	%100	%100	%100

\* It shows the ratio of electricity and natural gas supplied by COIZ to the companies in the COIZ area within the total purchasing figures.



Purchasing procedures managed by COIZ cover the goods and services received in the studies conducted for the companies in our region.

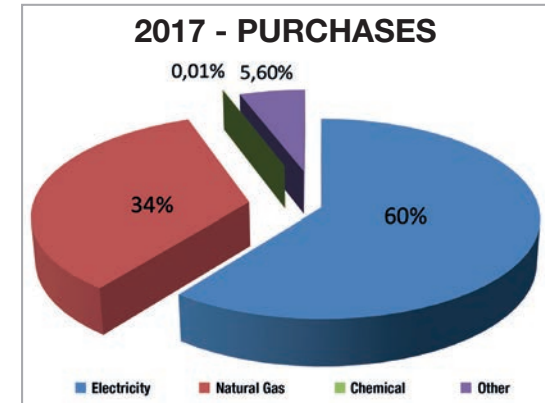
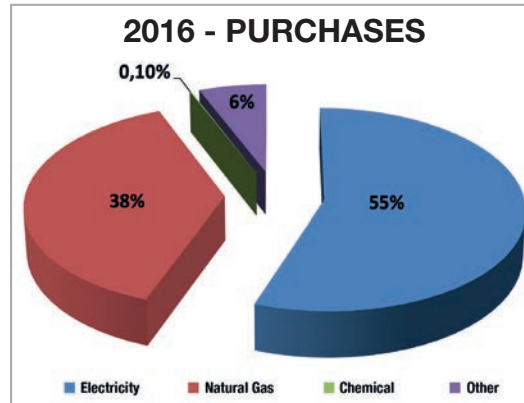
Purchasing transactions are predominantly (99.9%) domestic purchases.

It is the responsibility of the purchasing unit to monitor the order processes for the purchases whose commercial conditions are determined by the unit directorates and the purchasing unit within the organization.

Evaluation of suppliers for purchases; reasonable price, timely delivery, energy efficiency, having a certificate, the right product and quality service is done by scoring according to the principles.

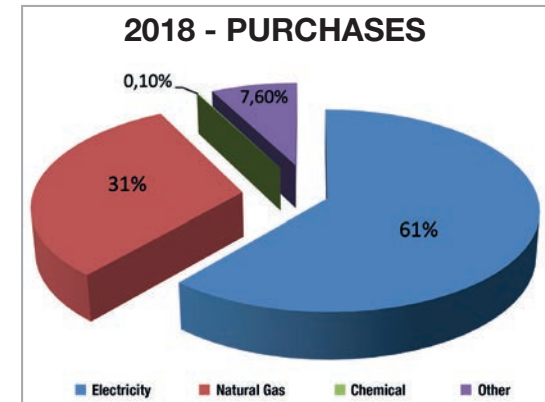
At the end of 2018, as a result of our supplier evaluation studies, we continue to cooperate with 491 suppliers.

We encourage our suppliers to ensure their compliance with the Sub-Contractor / Supplier procedure and to improve their performance.



### Purchase Rates:

	2016	2017	2018
<b>Domestic Purchasing</b>	%99,91	%99,91	%99,99
<b>Overseas Purchasing</b>	%0,09	%0,09	%0,01



## STAKEHOLDER OPINION

One of the popular words of today is 'sustainability'. It is obvious that when it is said 'sustainability', protecting the environment and natural resources is the most important issue. However, sustainability expresses more than this. Sustainability is not a concept that is only about protecting environment and natural resources. Sustainable process has also social and economic dimension besides environmental and natural resources. Sustainability aims to meet the needs of today's people and provide continuance of economic order while aiming to transfer the natural resources to the next generation and minimize environmental damage. In other words, sustainable process has 3 component;

1. Environmental issues
2. Requirement of social life
3. Regarding economic truths

Because, today's people cannot give up their comfortable lives and consumption habits. Even if they do, economic and social reflections of this cause trauma. Therefore, each of these 3 factors is considered equally important in sustainability.

As the chairman of the board of an establishment in Çerkezköy Organized Industrial Zone, I can give the following examples by looking at the sustainability works of COIZ in terms of these three factors:

COIZ Management is not contented with supervising the regional companies in terms of effective use of clean environment and natural resources. At the same time, it makes great contribution to the companies in the region.

First of all, MODERN TREATMENT PLANT, which functions perfectly for industrial waste waters, provides great support the factories in keeping the environment clean. On the other hand, it is the biggest participant of "DEEP DISCHARGE PROJECT" which

covers the entire Thrace Region and sends the purified water to the depths of Marmara Sea.

Another example is the DAM. First and only in Turkey, an Organized Industrial Zone planned a dam construction. When this dam is constructed, the establishments in the region will be able to continue their production by utilizing the renewable rain water without giving harm the underground water. Even that dam is very important for sustainability.

Every year, COIZ replants thousands of saplings both inside and outside of the Zone.

The quality of air is monitored online with automatic devices from different point of the region.

COIZ management also carries out many successful studies in the social field.

It can be seen that education of the students are given great importance. A nursery, a vocational high school and a new school Project which is still under construction are the best examples of these. On the other hand, in its Conference Hall, the best examples of congresses, symposiums, theatres, concerts and other art activities are displayed.

All these studies show that the management of COIZ has put forward a great deal of work on sustainability in line with contemporary management approaches, rather than classical management approaches.

As the chairman of the board of an establishment in Çerkezköy Organized Industrial Zone and an academician who studies on sustainability, I would like to thank the chairman and members of the Board of Directors of COIZ, the regional director and the employees of the region for their good services.



**Ahmet TEMİROĞLU**

Taha Group - Board Chairman of Özen Mensucat

Sector: Textile Products Manufacturing



### WHAT IS SUSTAINABILITY MANAGEMENT?

Sustainability; is a world view that aims to meet economic, environmental and social needs without harming the living conditions of future generations. The concept of sustainability was first introduced in the Brundtland Report published by the World Commission on Environment and Development in 1987. Sustainable development in this report; “To meet today’s needs without compromising the ability of future generations to meet their own needs”.

As COIZ, we have seen the necessity of conducting studies in terms of corporate development and our stakeholders by considering sustainability management in our region where important resources such as electricity, water and natural gas are used.

In the studies carried out by important organizations such as the Ministry of Industry and Technology and the United Nations, new approaches to the development of industrial zones around the world are mentioned.

Industry and Technology Ministry and the World Bank-International Finance Corporation launched in co-operation in the February 2017 “Green OSB Framework Development Project for Turkey” Green Industrial Zones 8 / Eco-establishing a national framework for industrial parks and OSB in the competitiveness opportunities in this area intended to reveal. The main objective of this study is to develop a national roadmap for the transformation of existing OIZs into eco-industrial parks and the establishment of new OIZs according to this approach and to determine the criteria of eco-industrial park.



Eco-Industrial Park practices and good examples from around the world are included in the Implementation Handbook for Eco-Industrial Parks prepared by UNIDO (United Nations Industrial Development Organization).<sup>9</sup>

In the TR21 Thrace Regional Plan (2014-2023) prepared by the Thrace Development Agency emphasizes the importance of conservation of natural resources and the transition to medium and high-value-added production, the “Life and Environment” and “Production and Economy.”<sup>10</sup>

In the context of the 20 Regional Development Dynamics “project prepared by the Thrace Development Agen-

cy, 20 Sustainable Economy and Urban Awareness” is emphasized in the context of Tekirdağ 2023 Vision.<sup>11</sup>

According to the Socio-Economic Development Ranking Survey of Provinces and Regions prepared by the Ministry of Development (SEGE 2011); “In terms of labor force indicators, Tekirdağ has higher values than both Istanbul and the country averages. While the labor force participation rate is 49 percent throughout the country, this rate is 55 percent in Tekirdağ. In the ratio of manufacturing industry employment to insured employment, Tekirdağ ranks first among all provinces. While the country average of this variable is 28.6 percent, this rate is 57.6 percent in Tekirdağ.”<sup>12</sup>

The number of employees employed in the COIZ plants is 77,000 and has a significant share in the total number of insured persons in the manufacturing industry in Tekirdağ. Within this scope, it is seen that the number of factories in our region and the number of employees have increased linearly. The importance of the activities of the COIZ in the field of sustainability is evident when the number of factories in excess of 250 existing in the boundaries of COIZ and the number of employees in these factories (77,000 people) and the continuously increasing total population of nearby settlements are taken into consideration.



**Türkiye için Yeşil Organize Sanayi Bölgesi (OSB) Çerçevesi Geliştirilmesi Projesi**

## 2018-2022 COIZ STRATEGIC PRIORITIES

Focusing on sustainable development, COIZ considers the following issues as a strategic priority for the coming years:

1	2	3	4	5	6	7	8	9
Institutionalism	Developing Our Participants	Cooperation and Solidarity	Innovation and Digital Studies	Qualified Staff	Protecting the Environment	Using Energy Efficiently	Contribution to Social Development	Occupational Health and Safety
<ul style="list-style-type: none"> <li>- Developing institutions' structure,</li> <li>- Doing working to increase COIZ's resources,</li> <li>- In terms of institution, targets and management understanding should be the model of thinking,</li> <li>- Providing the workings to increase the satisfaction of participants (external customer) and employees (internal customer),</li> <li>- To ensure that purchased supplies come from responsible sources,</li> <li>- To ensure compliance with business ethics,</li> </ul>	<ul style="list-style-type: none"> <li>- To make studies that will contribute to increase the competitiveness of industrial enterprises,</li> <li>- To make efforts to support companies to increase their productivity and institutional capacity,</li> <li>- To lead the efforts to be carried in terms of clustering of factories for production high technology and high added value products within COIZ,</li> <li>- To contribute to improve the quality of employees working in the plants of COIZ,</li> <li>- To support R&amp;D activities within the organisation and in our participating companies,</li> </ul>	<ul style="list-style-type: none"> <li>- Increasing the cooperation between the participants and other COIZ's,</li> <li>- Providing the social solidarity with the region,</li> </ul>	<ul style="list-style-type: none"> <li>- To make efforts to spread digitalization in industry,</li> <li>- To develop corporate innovation culture and practices,</li> </ul>	<ul style="list-style-type: none"> <li>- Carrying out studies to increase the attractiveness of the region in order to work with the qualified people in the enterprises within COIZ,</li> </ul>	<ul style="list-style-type: none"> <li>- Carrying out the studies to protect the environment, announcing these studies,</li> </ul>	<ul style="list-style-type: none"> <li>- Providing the energy to be used efficiently,</li> </ul>	<ul style="list-style-type: none"> <li>- Contributing to social development,</li> </ul>	<ul style="list-style-type: none"> <li>- To ensure the adoption and development of the culture of occupational health and safety,</li> </ul>

**As COIZ, we see development as a strategic priority in nine main topics.**

“Institutionalism” is in number 1 and “Development of Participants” is in number 2, these are predominant among the other priorities. Nine different topics in the table are included in the targets of our 2014-2018 strategic plan and sustainability targets.



# OUR SUSTAINABILITY APPROACH

With a forward-thinking leadership approach, we continue our efforts to grow our institution in the long term and to increase the welfare of all our stakeholders, particularly our participants. With the sustainability report we prepare, we aim to explain our institution to all our stakeholders effectively.

## What Do Our Employees Think About Sustainability?

### • Managers:

All of our executives see the activities carried out by COIZ in the field of sustainability very important. The most important issues that our executive give importance to is shown in the following graph:

• The other priorities our managers are indicated in the field of sustainability are; COIZ's economic performance, supply chain, employee satisfaction, occupational health and safety, energy management, business ethics, employee rights and contribution to social development Employees:

Sustainability Priorities of Managers



**"We focus on people at every stage from supply to service production..."**

## SUSTAINABILITY COMMITTEE

Name	Title	Duty of Committee
Mehmet Özdoğan	District Manager	Member
Oğuz Koray Erzurum	Machine and Energy Manager	Member
Fuat Özçelik	Development and Planning Manger	Member
Tolga Gülmez	Construction Manager	Member
Servinaz Kuru	Environmental Managerial System Manager	Member
Günay Aydın	Fiscal Manager	Member
Gökhan İnce	Corporate Communications Manager	Responsible of Sustainability Committee
Fazlı Tan	Administrative Affairs Manager	Member
Sedat Vurur	Administrative Affairs Chief	Member
M. Tankut Korkmaz	Human Resources Chief	Member
Metin Kocabaş	IT Chief	Member
Cansu Fidan	Training Chief	Member
F. Çiğdem Baykal	R&D Responsible	Member

### • Employees:

The first five priorities indicated by our employees are shown in the graph below:

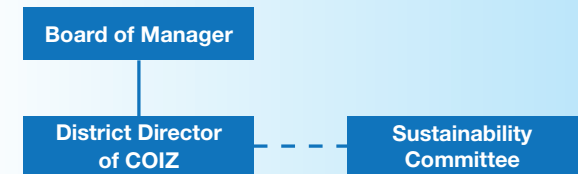
**Sustainability Priorities of Our Employees**



### • Sustainability Committee

A Sustainability Committee was set up to highlight sustainability in the practices of the COIZ.

The duties of this committee are; to prepare the sustainability strategy, to ensure that the strategies and objectives are communicated to all our stakeholders and to report on the sustainability performance regularly. The Sustainability Committee convenes at least once a month and issues discussed are communicated to the Board of Directors through the Regional Manager.



Meeting of Sustainability of COIZ



## SUSTAINABILITY STUDIES SWOT ANALYSIS

### STRENGTHS

- Existence of senior management who understands and cares about sustainable development in COIZ
- COIZ, being a region (zone) that gives importance to education and change
- COIZ continues to work on electricity, water, natural gas and waste water for the participating companies and the satisfaction of the participants is high
- COIZ's experience on departments of fire and security with its construction, energy, environment regulations, infrastructure
- COIZ gives a vital importance to the environment and invests in protecting the environment and applies the necessities of environments regulations
- COIZ is strong at finance institutionally
- COIZ has an advanced biological waste water treatment plant with 80000 cubic meters / day capacity for the treatment of industrial waste water of regional companies
- Disposal of all waste water from the participants of our region and the wastes resulting from them
- Within the framework of the protocol with TUBITAK (The Scientific and Technological Research Council of Turkey since 2011, air quality in general and emissions of companies are monitored and remedial activities are carried out.
- The carbon footprint calculations of the region in general sense have been controlled since 2016 on adaptation to climate change.
- An accredited laboratory facility serving the participating companies and the region within purification system
- High level of physical control and implementation facilities of the institution
- Existence of SCADA system that observes energy in a digital way covering electricity, water, natural gas, wastewater services
- Over 300 video cameras are observing COIZ area
- Having fiber optic technological infrastructure to increase the speed of communication of Internet with COIZ participating companies
- COIZ is one of the OIZ'S mostly having R&D center
- Participating companies trust highly of COIZ and COIZ management
- Having professional employees who are experts on disciplines and produce projects
- COIZ arranges art-cultural activities, theatres, shows, picnics for its employees, citizens living around, employees working within companies within COIZ
- COIZ has social facilities for the firms within COIZ, citizens around such as COIZ Vocational and Technical Anatolian High School and Day Care School, Trade Blocks Sports and Facilities
- COIZ has ONE Stop Office for participants to do all processes from one center.

### WEAKNESSES

- Kapaklı and Cerkezkoç are close to COIZ's area
- Weakness of criminal sanctions within the scope of OIZ legislation on environment
- Inadequate environmental awareness in general
- Although COIZ Vocational and Technical High school graduates students from five different technical departments, there are difficulties to find qualified workers in COIZ's factories and some difficulties in employment
- Employees working around COIZ factories lack of occupational health and risk management
- Having no system to transfer employees working in participant factories of COIZ into factories (example: rail system )
- Cooperation between industry and university lacks desired level
- The center buildings of firms in COIZ are out of Cerkezkoç

### OPPORTUNITIES

- It will be easy for qualified personnel from Istanbul with the help of high speed train that will work between Cerkezkoç and Istanbul.
- Having high level of clustering opportunities of pharmaceutical health and high technology manufacturing sectors in our region
- In the scope of positive relations with public and private sector institutions high potential of producing new projects that will have social and economic effects.
- The projects of COIZ will be good samples for the other OIZ's and firms within COIZ
- Most of the regional companies are aware of new technological developments such as industry 4.0 and have a high demand for implementation.

### THREATS

- Global and national economic developments
- In the scope of sustainability of COIZ Works aren't sufficiently known by the stakeholders
- Immigration of technical quality and education that is not at desired level
- Anxiety of local people living nearby about the pollution
- Costs of energy (electricity, water, natural gas) have been going up
- The contributions to economy and social development of OIZs aren't understood
- Obligatory plan for the long term about energy usage within COIZ is another difficulty
- The amount of production level, which is done high technology is not at desired level, so there may be problems at production if things are not done according to the technological developments in the mid or long term
- COIZ has no expanding area
- COIZ has links with two different towns physically and administratively

## OUR PRICIPLES OF SUSTAINABILITY



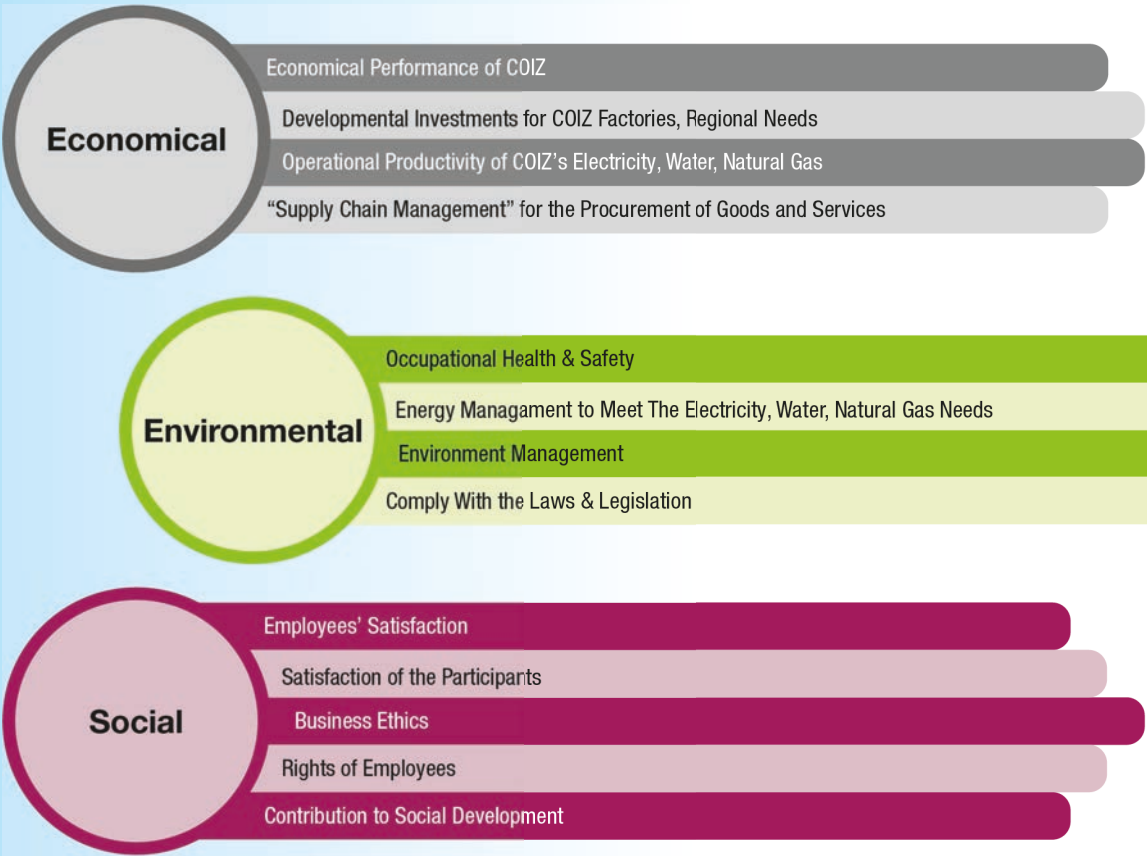
Since 1976, the services and activities of COIZ have been at target of improving the institutional structure and facilitate the activities of the participant companies, to minimize the damage to the environment, supporting social and cultural development for the people living in the region.

We prioritize the sustainability perspective in our decision making processes, management and risk management processes.

The Strategic Plan prepared by COIZ (2018-2022) is also prepared in line with our sustainability perspective.



PRIORITY ISSUES ON SUSTAINABILTY AND SUSTAINABILTY STRATEGY MATRIX

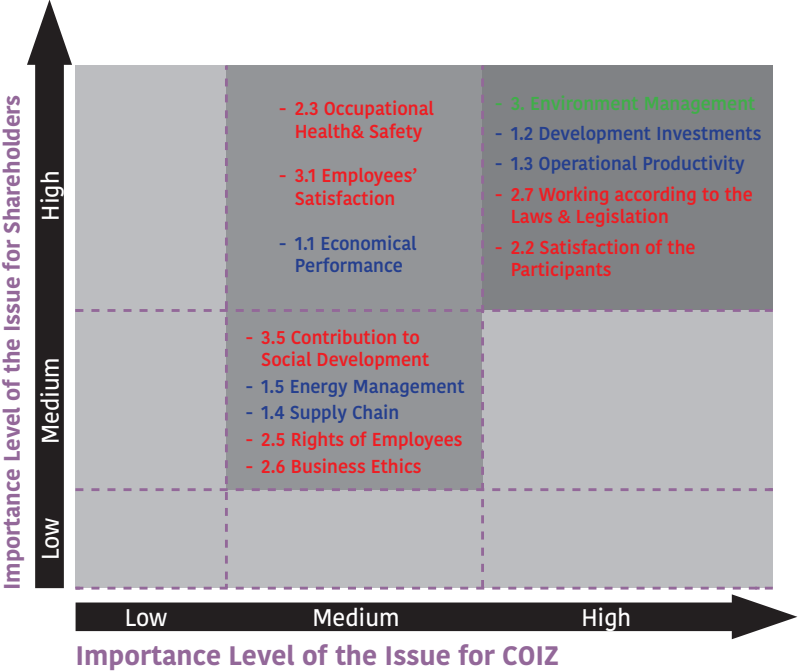


"From Yesterday To Today,  
From Today To Tomorrow  
**COIZ...**"

In the field of sustainability, we have determined our priority issues in the corporate sense, in economic, social and environmental areas as follows:

Our Development Topics, which are determined according to the results of our Sustainability Strategy Survey, which is organized with the participation of our stakeholders, are included in the Sustainability Strategy Matrix shown below.

We plan to set new topics and targets to focus on, by exchanging ideas with more of our stakeholders in the upcoming period.

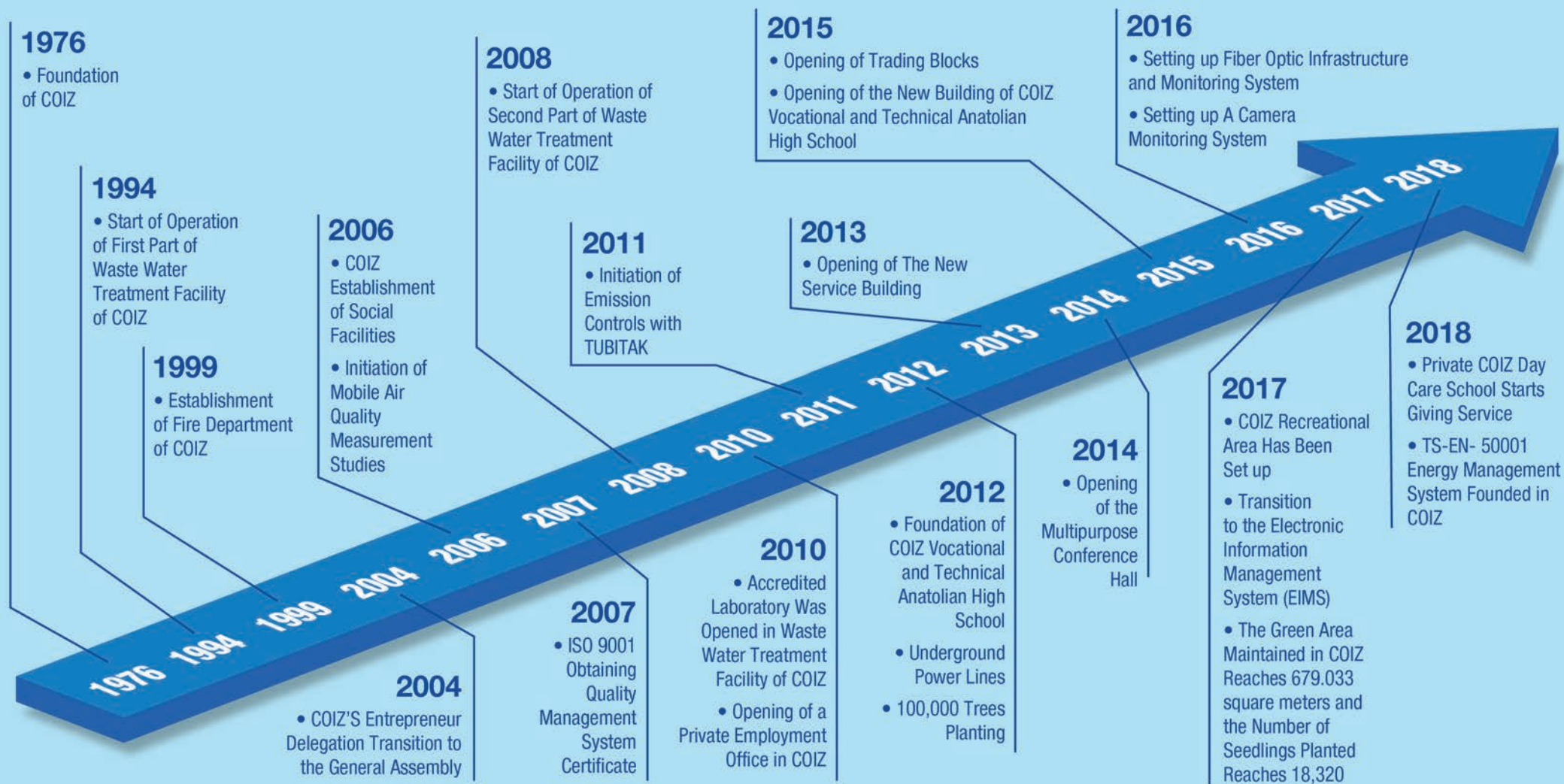


## SUSTAINABILITY GOALS

	Strategic Issues	2018 Targets and Promises	Tracking System	Our Performance in 2018, What did we succeed at?	2020 Targets
ECONOMIC	1.1 Economic Performance	Keeping the income and expense budget which is announced in the annual activity report Realise development investments done, which were stated in strategic plan of COIZ for 2018-2022	COIZ Annual Report Strategic Plan Annual Development Report	Annual report is prepared every year 2018 targets in our strategic plan have been completed	Always Making investments
	1.2 Development Investment	Developing software and applications for digital transformation Establishment of Data Center	Strategic Plan Annual Development Report Strategic Plan Annual Development Report	2018 targets in our strategic plan have been completed New target	Completing softwares and apps for digital transformation, which is also stated in Coiz Strategic Plan Establishment of Data Center
	1.3 Operational Productivity	To provide training to improve the knowledge and skills of employees Establishing an ISO 27001 Information Security System for COIZ	Strategic Plan Annual Development Report Strategic Plan Annual Development Report	Occupational trainings have been realised according to the needs At the planning stage	Always Establishing an information security system ISO 27001
	1.4 Supply Chain	Review supplier assessment system and update policies and procedures to include sustainability aspects	Strategic Plan Annual Development Report	New target	Creating a supplier policy
	1.5 Energy Management	Increasing the efficiency of energy management system (ISO 50001) 1% per year	COIZ Annual Energy Report	Energy Management System was founded	Always
		Increasing projects that will reduce energy consumption within COIZ buildings (main building, nursery, school...)	COIZ Annual Energy Report	Energy consumptions were viewed	Always
		Renewal and development of electricity distribution system in COIZ	Strategic Plan Annual Development Report	2018 targets have been completed in our strategic plan	Always
SOCIAL	2.1 To Work in Accordance With Laws and Regulations	To comply with the OIZ Law and Regulation No. 4562 and Zoning, Environment, Energy Legislation	ISO 9000 Management Review Report	The provisions of the legislation are to be observed	Always
	2.2 Satisfaction of Participating Firms	Monitor the satisfaction rate of the participant companies Developing participant relations	Participant Satisfaction Survey ISO 9000 Management Review Report	Surveys are conducted annually Visits were made	Always Always
	2.3 Occupational Health and Safety	To reach 0 accident rate in all facilities of COIZ	COIZ Annual Occupational Health and Safety Report	Target is continuously monitored	Always
	2.4 Satisfaction of Employees	Monitor the satisfaction rate of the employees	Employee Satisfaction Survey	Surveys are conducted every year	Always
	2.5 Contribution to Social Development	Implement projects to improve relations with participating companies and other stakeholders	ISO 9000 Management Review Report	Different social cultural activities, competitions, fire protection trainings have been arranged and done	Always
		Preparation of ZEKA (mentally disabled workplace center) project and implementation	Strategic Plan Annual Development Report	Project drawing is completed	Implementation of the project (ZEKA mentally disabled workplace center)
		Digital transformation in industry Training and Consultancy Center Project and implementation	ISO 9000 Management Review Report	Feasibility report of the project is prepared	Implementation of digital transformation project in industry
	2.6 Rights of Employees	To comply with the labor law legislation in our country	ISO 9000 Management Review Report	Target is continuously monitored	Always
ENVIRONMENT	2.7 Job Ethics	To comply with the rules of corporate business ethics in our work	ISO 9000 Management Review Report	Target is continuously monitored	Always
	3. Environment Management	Monitoring energy consumption in all facilities of COIZ	COIZ Annual Energy Report	Being observed	Always
		Monitoring water consumption of participant companies in COIZ	COIZ Annual Energy Report	Being observed	Always
		Monitoring carbon emission of participant companies in COIZ	COIZ Annual Energy Report	Carbon emission measured	Always
		Monitoring the electrical consumption of the participant companies	COIZ Annual Energy Report	Being observed	Always
		Monitoring natural gas consumption of participant companies	COIZ Annual Energy Report	Being observed	Always
		To monitoring wastewater amounts of participant companies	COIZ Annual Energy Report	Being observed	Always
		Construction of a dam for the common use of participant companies	Strategic Plan Annual Development Report	Expropriation Works have been continued	Construction of dam
		Connection of treated industrial wastewater from the regional companies to the Marmara Deep Sea Discharge System	Strategic Plan Annual Development Report	Preliminary preparations for connection to the system	Connection of treated wastewater
		Setting up an ISO 14000 environmental management system for COIZ	ISO 9000 Management Review Report	In the phase of planning	ISO 140001 Setting up an environmental management system
		100000 pcs new tree sapling planting project application	ISO 9000 Management Review Report	In the phase of planning	Planting 100,000 trees
		Installation of LED fixtures on COIZ streets	ISO 9000 Management Review Report	196 LED fixtures installed	400 more LED fixtures to be installed by the end of 2020



## OUR MILESTONES IN OUR JOURNEY OF SUSTAINABILITY

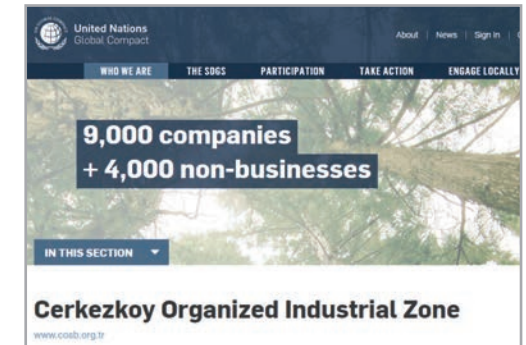


## OUR APPROACH TO UNITED NATIONS (UN) SUSTAINABLE DEVELOPMENT GOALS

	United Nations 2030 Sustainable Development Goals	Priority Issues in COIZ	Our Performances in 2018	Page Number in the Report
1	GOAL 1: No Poverty	Our Employees (indirect effect)	Having 265 Employees, 1264 People Application to our Private Employment Desk and Leading Studies	Page 55, 67
2	GOAL 2: Zero Hunger	Our Employees (indirect effect)	Salaries, Insurance, Additional Health Insurance, Discount for Kindergarden etc. Facilities for 265 People Working for COIZ Management	Page 55
3	GOAL 3: Good Health and Well-being	Occupational Health and Safety	Within the Scope of Institutional Studies, 737 People are attended, 2939 Hour-Occupational Health and Safety Training in 2018	Page 57
4	GOAL 4: Quality Education	Education and Trainings	In 2018, 1309 People got 4694 Hour-Total Training, our 858 Students of Technical High School of COIZ and 34 Students From Namık Kemal Çerkezköy Vocational Higher Education School Fire Department got Technical Training	Page 57, 58, 59
5	GOAL 5: Gender Equality	Equality of Opportunity and Diversity	28 Percent of Employees are Women Within COIZ, 25 Percent of Employees are Women Within COIZ Companies	Page 56, 57
6	GOAL 6: Clean Water and Sanitation	Environment Management	Making Waste Water Treatment System that has 80000 Cubic Meters/Day Capacity Work, Environmental Management Applications for 253 Firms, Recycling 19.088 ton Waste	Page 74, 76, 90
7	GOAL 7: Affordable and Clean Energy	Energy Management	Establishment of ISO 50001 Energy Management System, SCADA Applications, LED Lights in the Streets and 51 Percent of Saving	Page 72, 73, 74
8	GOAL 8: Decent Work and Economic Growth	Our Employees	265 People are Employed Within the Organisation, 77.000 People Have Opportunity to be Employed Within the Factories in COIZ	Page 54
9	GOAL 9: Industry, Innovation and Infrastructure	R&D Studies, Innovation and Digitalization	Establishment of Digital Conversion Workshop at COIZ, 23 R&D Centers and 2 Design Centers	Page 22, 61
10	GOAL 10: Reduced Inequality	Diversity and Inclusiveness	Equality Policy for 265 Employees of COIZ Beginning from Recruitment to Retirement	Page 56
11	GOAL 11: Sustainable Cities and Communities	Culture and Art Facilities	5640 People have Attended to Theaters and Shows in COIZ Conference Hall that has 470 People Capacity, 384-hour Usage in Football Field, 517-hour Usage in Tennis Court, 2.769-hour Tennis Training have Been Given	Page 62
12	GOAL 12: Responsible Consumption and Production	Clean Production, Environment Management	To Support the Applications Depending on the Clean Production Approach in the Facilities and Regional Enterprises	Page 80
13	GOAL 13: Climate Action	Emissions and Waters Collection	Monitoring of Emissions of 253 Participant Companies and Expropriation of Yoncalı Dam Project	Page 77, 78
14	GOAL 14: Life Below Water	Wastewater Infrastructure Facilities Management	Monitoring of Existing Infrastructure Lines, Monitoring of 16,806 Meters Infrastructure Line; Electricity, Water, Natural Gas, Waste Water, Roads Etc. Keeping the Infrastructure Operational	Page 75
15	GOAL 15: Life on Land	Biodiversity	Carbon Footprint Calculation (0.087 CO <sub>2</sub> ) and Marmara Deep Sea Discharge System Project Implementation, in 2018 18.320 Trees Were Planted in Our Region, 100,000 Trees Were Checked Before.	Page 77, 78
16	GOAL 16: Peace and Justice Strong Institutions	Anti-bribery and Corruption	There was no Complaint Regarding the Zero Tolerance Approach in the Fight Against Bribery and Corruption and the Relationship Between COIZ and its Employees	Page 32
17	GOAL 17: Partnerships to Achieve the Goal	Public Cooperation and Dialogue with Trade Unions and Civil Society Organizations	OSBDER - Organized Industrial Zones Association and OSBUK - Organized Industrial Zones Supreme Organization Activities, Supports to the Disabled Association in Kapaklı and Çerkezköy, Preparation of Digital Transformation Feasibility Report in Industry in Cooperation with Trakya Development Agency	Page 31

As COIZ, we matched the global problems determined by the UN to our own efforts within the scope of sustainability. Most of the activities we carry out is related to the goals of the UN.

Within the framework of our sustainability approach, we act together with many institutions and organizations. In this direction, we, as the COIZ, have signed the UN Global Compact, which sets out the principles of social, economic and environmental works. We comply with all articles of this agreement in our works and activities.





## STAKEHOLDER OPINION



**Sema ERGİN KOÇAK**

Vastaş Valve Armature Industry Trade Joint Stock Company

Company Partner

**Sector: Machinery Equipment Manufacturing**

Since 1987 we have been producing under the roof of COIZ.

It has many advantages operating in COIZ, especially in terms of infrastructure. We supply energy, natural gas, and water suitable for the industry. Having a waste water treatment plant within the COIZ, accelerate us as industrialists, compared to the companies outside the COIZ.

Another important advantage is to be able to have consultancy about the problems we face in our facilities, from the staff and management of COIZ, who are experienced about the regulations. They involve the problem solving process with us, and lead us.

In addition, the training and culture programs offered by COIZ are among the most valuable initiatives especially for the development of the region.

As Vastaş, we are pleased to be in the structure of COIZ. Of course, there are more issues to develop. Especially, considering both industrial development and population growth in the region since 1987,

new initiatives are needed for the development of the region, planned and regular industrialization in the district is needed. Environment, green spaces, protection of street animals, technological innovations and the establishment of a better public transportation system are considered as subjects that can be studied in the field of sustainability. A country's future depends on education and production is also needed for its development and it is all our responsibility.

It is obligatory to reduce the dependence on imports and to develop production and exports. For this reason, it is very important to support the producers. We are confident that the management and employees of COIZ will continue to maintain their active and supportive positions for the industrialists in the region as they have done so far.

In addition, undertaking initiatives and lobbying activities to protect the environment, develop manufacturing technologies and capacities and create incentives for export growth will be important steps in terms of further development and sustainability of industry in the region.

# Producing For Our Country, We Are **Developing** For Our People...



## Our **Economical** Impact Area



## OUR ECONOMIC IMPACT AREA

### External Stakeholder Opinion

87% of the participants in the 2018 Participant Satisfaction Survey stated that they are satisfied with the services provided by COIZ in the field of financial affairs.

In the factories which are the participants of COIZ, approximately; \$ 20.6 billion of production and exports of \$ 3.5 billion are realized.

The figures below are the figures for 2016, 2017 and 2018 the financial values that are created within the framework of the services provided by COIZ to the participant companies in the corporate sense. The figures are shown in the below graphics, the share of investment amount for Tekirdag Marmara Deep Sea Discharge System, compared to the total investment amount of on-going Investments; 28.034.947 TL in total investment amount of 41.308.928 TL in 2016, 25.890.049 TL in total investment amount of 89.425.557 TL in 2017, and 17.606.032 TL in total investment amount of 136.058.886 TL in 2018.

COIZ is a non-profit organisation. The accounting period transactions of our region are followed in accordance with the general accounting and financial principles, existing laws and regulations, as well as The Organized Industrial Zones Law

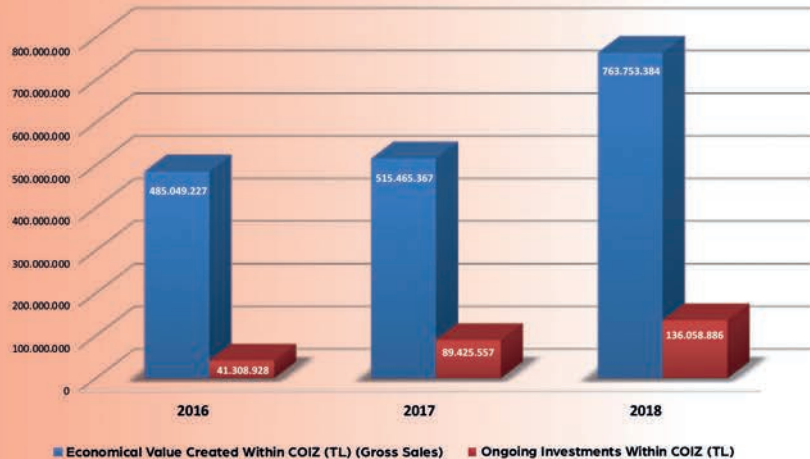
numbered 4562. The documents and records are monitored and reported by certified public accountant, which we have consultancy protocol with, and by the members of Board of Auditors of COIZ. Besides those auditing reports, the balance sheet, income-expenses and subsequent accounting period budget is discussed and approved in the general assembly meetings, which is held once a year.

As the importance and role of the private sector in Turkey increases, the Organized Industrial Zone (OSB) is also increasing in importance. In this sense, OIZs are considered to be the preferred areas in terms of investment and production, where serious infrastructure investments exist. OIZs that contribute to the improvement of the investment environment in terms of access to high-quality industrial land are provided with electricity, water, waste water, treatment, transportation, communication and infrastructure services and common social facilities. In terms of countries that are showing rapid developments all over the world, Turkey is one of the largest in 20 economies, it is need to emphasize that OIZs are important structures in these economies and interms of real production.

The majority of our production facilities located in different scales within our industrial zone, are among the leading companies in Turkey. There are 20 participant companies within COIZ, which are among the top 500 Industrial Enterprises List

in 2018, announced by Istanbul Chamber of Industry (ICI). There are also 17 participant companies within COIZ, which are among the second 500 Industrial Enterprises List of ICI, in 2018, which is considered as the largests of the SMEs. In addition, we have 31 regional companies among the Top 1000 Exporters of 2018.

Our region exports to the European Union countries, especially to the UK and Germany, to Turkic Republics, to various Arab Countries and to the USA. In order to increase the competitiveness of our industrialists in the global market and to contribute more efficiently to our country's economy in terms of investment and employment, the service quality of our region is improved day by day.



## OUR INVESTMENTS

### External Stakeholder Opinion

84% of the participants in the 2018 Participant Satisfaction Survey stated they are satisfied with the COIZ's compliance with technological and other developments.

In 2018, we also improved our services for our participants and all stakeholders with the investments we made. It should be noted that these investments are primarily environmental projects, technological development projects and social benefit projects.

As COIZ, the income obtained from the distribution fees provided in electricity, water, natural gas and wastewater is converted into general expenses and investment at certain rates.

2018 was an important year, since it was the first year of implementation of our COIZ Strategic Plan (2018-2022).



Countries Exported From COIZ



## COIZ 2018 INVESTMENTS

	Name of Realized Investment	Goal	Butget (TL)
Investments of General Electricity System and SCADA	General Electricity System Rerenovation and Development	Infrastructure for Quality and Uninterrupted Supply to Participant Companies	6.689.501
	Electric SCADA System Set up	System for Remote Monitoring of Electricity, Natural Gas and Waste Water	14.519.893
	154 KV COIZ TM3 and TM4 Infrastructure SET UP	Construction of Transformer Substations Cover in SCADA	1.618.400
	Street Lighting Construction	Improvement of Lighting System	1.112.143
Road Construction Works	5 Street Road Construction	Road Construction in COIZ Area	453.558
Expropriation	Expropriation in COIZ Area	Establishment of Technical Service Area for the Region	6.323.450
	Yoncalı DAM Expropriation	Construction of the Dam Expropriation	1.918.044



Afforestation and Landscaping Works	TEM Connection Way Afforestation and Lanscaping Works	Afforestation and Landscaping Works	16.250
	Regulating COIZ Nursery and Day Care Recreational Area	Landscaping	2.744.075
Environmental and Waste Water Treatment Plant Investments	Waste Water Treatment Plant and Sludge Incineration Plant Construction	Waste Water Treatment Plant and Sludge Incineration Plant Construction in COIZ	52.718
	Waste Water Treatment Plant Ventilation System	Ventilation With Blower within the Scope of Energy Efficiency	2.343.747
	Marmara Deep Sea Discharge System Construction	Connection of Treated Waste Water to the Discharge System	17.606.032



Other Investments	COIZ ZEKA Project	Preparation of ZEKA Project of COIZ	266.896
	Construction of School Running Track and Sandbox	Project for Students of COIZ Vocational and Technical High School	23.646
	State Hospital Construction Project in Kapaklı	Kapaklı State Hospital Project Construction Works, Which Will Be Built by COIZ	292.000
	Çerkezköy -Construction of 32 Classrooms-school and Landscaping	Construction Expenses and Landscaping of the School Which Was Built in Çerkezköy by COIZ	3.082.847
	Kapaklı - Constructing a Large Gym	Construction Expenses of the Sports Hall Built in Kapaklı by COIZ	2.036.895





## STAKEHOLDER OPINION



**Şükrü GÜNDÜZ**

Klüber Lubrication Oil Products Ind. & Trade Inc.

General Manager

Sector: Manufacture of Refined Petroleum Products

The biggest task in the transition to a sustainable economy falls on production facilities. COIZ actively supports companies in the region in the area of sustainability-focused footprint reduction. As companies, we carry out detailed activities such as efficient use and protection of natural resources, process improvements and reduction of CO2 emissions and waste. COIZ also determines the expectations and requirements of its target group by listening to them in its management workshops and activities; and supports its companies to reach the most effective and short-term solution.

The second part of the plant, which is activated in 2008 with a total capacity of 80,000 m3 / day, provides solutions to the most important environmental requirements of its stakeholders.

While maintaining the maintenance and infrastructure works regularly in the supply of the most basic energy resources of generation facilities such as electricity, water and natural gas, it continues its innovative investments without slowing down. Within the scope of energy management system, it supports energy efficiency studies such as energy saving lightening and reduction of energy costs in production. In addition,

the Company contributes as a lodestar to the planning of recycling and waste management of companies through the Zero Waste Project.

The facilities carry out special efforts to reduce CO2 emissions, while the regional directorate improves the environment through afforestation and recreation areas to reduce carbon footprints.

Sustainability starts with people. The value that COIZ gives to human beings has been evident since the day it was founded. With the sports and artistic activities it organizes, efficient trainings organized for the employees of our region, social aids and the schools established in our region for the education of children of the future, it not only contributes to social life but also closes a big gap of our region.

Since the day it was established, our Regional Directorate has given great support to the development of local economy and regional employment in close communication and cooperation with its stakeholders. It is truly proud that COIZ is a pioneer in the field of sustainability. Studies up today prove that this initiative will continue consistently.

# COIZ

## Always a Step Ahead For Our Country And Our People...



## Our Social Impact Area





## OUR SOCIAL IMPACT AREA

### External Stakeholder Opinion

87% of the participants in the 2018 Participant Company Satisfaction Survey stated that they are satisfied with the approach and competence of the employees of COIZ.

88% of the respondents stated that, they are satisfied with the service quality of COIZ's Corporate Communication.

The COIZ conducts various social-cultural activities for participant companies and citizens in the region.

The fact that we have 265 employees in corporate and the presence of more than 77.000 employees in the companies in our region by the end of 2018, should be considered as the social benefit we have created. When the contribution of factories in our region to employment is evaluated; on the basis of an average family of four, it is clear that a population of close to 300,000 people is directly benefit economically and socially.



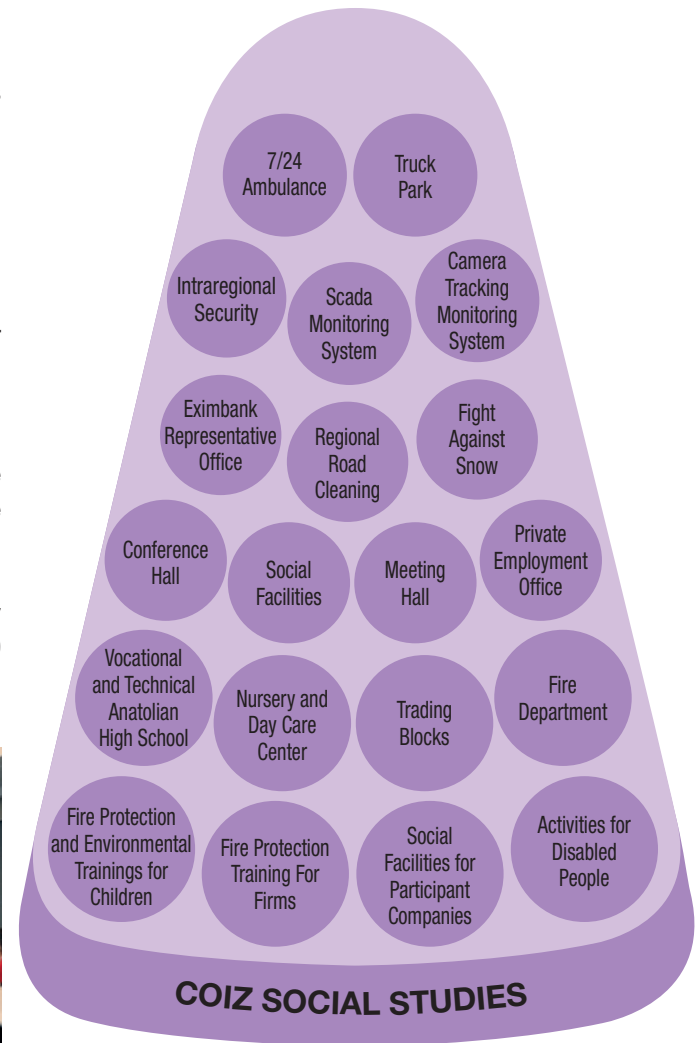
Picnic Organisation for Disabled People



Fire Protection Trainings for Children



Environmental Trainings for Children



## OUR EMPLOYEES

### Internal Stakeholder Opinion

76% of the employees who participated in the “2018 Employee Satisfaction Survey” stated that they felt engaged to COIZ and that they were pleased to work in this workplace. 77% of the employees stated that they are pleased with the corporate reputation and the level of development of COIZ.

At COIZ, we see our employees as our most important value. We provide them appropriate and safe working environment and offer them trainings for their professional and personel development.

It is our basic human resources approach to ensure that our employees work by improving their competencies and performances. Our human resources policy that we have created within this framework, is to provide and maintain a working environment in which high potential staff who contribute to the development of our region is being employed, training and development support each other, follow-up of technological developments and our employees keep up with these developments.



We as COIZ, we take into consideration the rights of employees and human rights, and support equal opportunities in all our activities. In order to increase the loyalty of our employees, we take the necessary measures and make improvements via the feedback gathered from the annual employee satisfaction survey. We review our human resources procedures and make the necessary corrections in line with the organizational needs and expectations of our employees.

### OPPORTUNITIES OFFERED

Our employees are the most important value of our institution. We support their inpatient and outpatient treatments with complementary health insurance. We ensure that all of our employees' children between 0-66 months can benefit from the Private COIZ Nursery and Day Care Center that we established within our Regional Directorate with special discounts.



**"We prioritize investment  
in people..."**

## EMPLOYEE RIGHTS

### Internal Stakeholder Opinion

81% of our employees who participated in the 2018 Employee Satisfaction Survey stated that they enjoy their job.

We approach our employees honestly and fairly at COIZ. We ensure that employees benefit from their personal rights in accordance with legal regulations, fully and accurately.

The COIZ Working Principles Booklet provides guidance to all our employees within the scope of human and labor rights.

The implementations of the COIZ are in compliance with all applicable laws and regulations. The principle of neither forced labor nor child labor is applied in all our units.

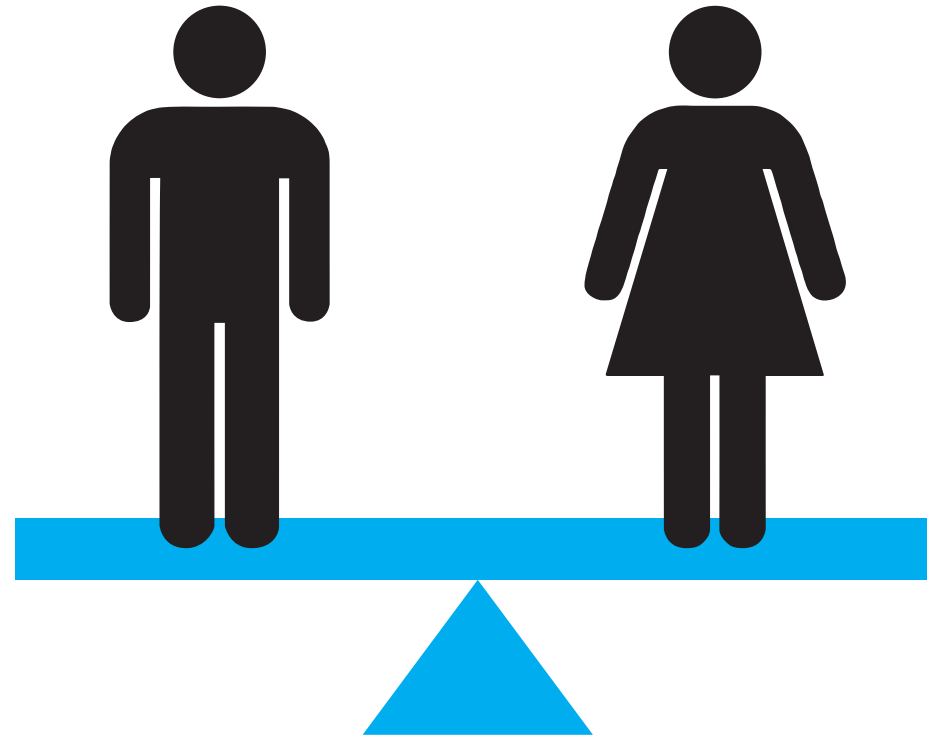
## EQUAL OPPORTUNITY

### Internal Stakeholder Opinion

75% of our employees who participated in the 2018 Employee Satisfaction Survey stated that they work in collaboration and harmony with their colleagues.

Equality policy is applied beginning from the recruitment process to retirement procedures in COIZ and equal working environment is offered to women and men. We continue to strive for a peaceful and preferred workplace where our employees can improve themselves.

## DIVERSITY AND INCLUSION



## GENDER EQUALITY

By the end of 2018, the total number of employees in 253 factories in our region reached the number of 77,000, women account for about 25% of this number. It is seen that women which are employed in factories are mainly employed in labor intensive jobs, especially in the textile sector.

There are two companies that have nursery located in the factory for the care of children of women workers and many companies provide nursery assistance to women employees in terms of legal requirements.

Nursery and Day Care Center of public and private sector institutions serve in Çerkezköy and Kapaklı districts.

Our Regional Directorate has taken a meaningful step towards an important need that will contribute to keep women in business with the Private COIZ Nursery and Day Care Center which started to serve in 2018.

In terms of gender distribution of entrepreneurs, it is seen that the owners and managers of the enterprises of our region are mostly male and the number of female managers and company owners is low.

## EDUCATION & TRAINING

### Internal Stakeholder Opinion

72% of our employees who participated in the Employee Satisfaction Survey in 2018 stated that the training opportunities provided to them in COIZ are sufficient.

COIZ Human Resources and Training Department takes into consideration the employee demands, the needs of the institution and the legal requirements in determining the training needs of the employees in all units while preparing the training plans. In this sense, the aim of the trainings provided by COIZ, is to improve the professional and individual development of the employees while performing their work in a safe and effective manner.

Employee satisfaction survey and training evaluation results are among the tools we receive feedback for improving training and development processes.



Occupational Health and Safety Trainings for Employees

### Our Employee Trainings:

Education Type	2016		2017		2018	
	Number of Participants	Training Hours	Number of Participants	Training Hours	Number of Participants	Training Hours
Occupational Health and Safety Trainings (Hour)	284	1.371	103	424	737	2.939
Personal Development Trainings (Hour)	-	-	129	903	19	76
Professional Development Trainings (Hour)	-	-	81	1.296	52	820
Other (Hour)	157	78.5	238	361	124	260
Other Legal Compulsory Trainings (Hour)	388	388	185	734	377	599
<b>TOTAL HOURS OF TRAINING</b>	<b>829</b>	<b>1.837.5</b>	<b>736</b>	<b>3.718</b>	<b>1.309</b>	<b>4.694</b>



## • COIZ Vocational and Technical Anatolian High School

**"World-class contemporary education.  
experienced staff, each of them has are experts in  
their field, workshops and laboratories equipped  
with the latest technology. A bright and  
guaranteed future. Producing for strong Turkey..."**

Private COIZ Vocational and Technical Anatolian High School which was established by COIZ in 2012-2013 academic year, with a capacity of 1200 students to meet the needs of qualified intermediate staff of the industrialists within COIZ.

As COIZ, we do not only train a generation that receives vocational training. We raise a generation that assimilates the cultural characteristics of the society in which it lives, cares about and embraces universal values, open-minded, has self-confidence and is open to change, development and communication.

With our sense of social responsibility, we support the people of the region by offering free education to our students, even though our school is a private school.

Depending on the training modules, we strengthen our vocational training with the protocols signed with the enterprises in our region for the training of machinery equipment.

Industrial Automation, Machine Technologies, Chemical Technologies, Electrical and Electronics Technologies and Textile Technologies are the departments available in our school for students who are directly trained in industrial production.

Our school, which rapidly realizes the requirements of digital transformation in order to make education more efficient, believes that good education will occur in safe environments and provides the security needs of the students at the highest level.



COIZ Vocational and Technical Anatolian High School



Trainings at Workshop



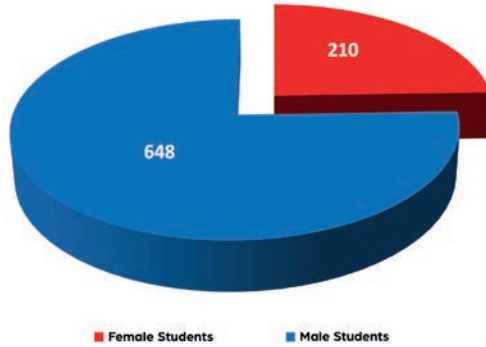
Industry 3.0 Workshop



Activities of Students



### Number of Students of COIZ Vocational and Technical Anatolian High School



In addition to their professional development, our students achieve significant success in the field of projects and sports.

Year	2018
Female Student	210
Male Student	648
<b>Total Student</b>	<b>858</b>



Our Students are Visiting Factories

Year	2015-2016	2016-2017	2017-2018
Number of Graduate Students	85	91	81

### • Our Collaboration With University



A protocol has been signed between COIZ and Namik Kemal University (NKU) for master programs which have been completed for white collar employees of companies operating in the region.

In addition, within the scope of another protocol signed with NKU, Çerkezköy Vocational High School Civil Defense and Firefighting associate degree students are given practical application lessons in our fire department and internship opportunities are offered.



Practical Trainings

**"Contemporary Education, Bright Future for Productive Turkey..."**



## • Private COIZ Nursery and Day Care Center

### External Stakeholder Opinion

82% of the participants in the 2018 Participant Company Satisfaction Survey stated that they are satisfied with the COIZ Nursery and Day Care Center.

COIZ nursery and day care center was built by the Regional Directorate in 2018, with a closed area of 2500 m<sup>2</sup> on a total area of 19.000 m<sup>2</sup>, under the Ministry of Family, Labor and Social Services of Turkey. COIZ Nursery and Day Nursery has a capacity of 240 students, serving 12 months. COIZ Nursery and Day Care Center aims to raise children between 0-66 months in a natural environment with appropriate materials, as self-confident, social, sportive, culturally and psychologically developing individuals.

Our nursery and day care center services for both the employees of the regional factories and the children of families from outside the region.

Music, English, Drama and Physical Education classes are given by the branch teachers in our nursery. In addition, in our nursery, children between the ages of 5-6 are taught the logic of coding algorithm and software algorithm.



COIZ Nursery and Day Care House



Internal Image



Activities



Robotic Coding Education

- R & D (Research and Development) Activities in Participating Companies



R&D Center in COIZ



R&D Meetings for Factories in COIZ

As COIZ, we are aware that R & D studies are very important in the realization of advanced technological production in the companies of our region. For this reason, there has been a significant increase in the number of these centers within the scope of the informative works we have carried out with Tekirdağ Provincial Directorate of Industry and Technology in order to establish R & D Center and Design Center of participating companies in the region.

The R & D centers in the COIZ facilities were first established in 2008. By the end of 2018, the number of R & D centers in COIZ reached 23. There are also 2 Design Centers in our region. More than 1200 employees are employed in these R & D and Design Centers. Current R & D Centers in COIZ are established mainly in pharmaceutical factories and it also has R & D centers in the manufacturing of durable consumer goods, textiles, chemicals, plastics, cosmetics, machinery and energy companies.

Years	2008-2016	2017	2018	Total
Number of R & D Centers in COIZ	9	6	8	23
Number of Design Centers in COIZ	-	2	-	2



## CULTURE AND ART ACTIVITIES

### External Stakeholder Opinion

86% of the participants in the 2018 Participant Company Satisfaction Survey stated that they are satisfied with the activities held in the Conference Hall of COIZ such as theater, conference, etc.

In the conference hall of COIZ, theater plays, concerts, seminars, interviews, performances etc. social and cultural activities are organized free of charge. These activities, which are open to the participation of citizens from Çerkezköy and Kapaklı districts, especially those working in regional enterprises, also contributes to the development of cultural level of the region.

The COIZ Conference Hall, with a capacity of 470 people, has hosted many valuable artists of our country. In addition to the performances of Istanbul State Theaters, Istanbul Metropolitan Municipality City Theaters and other special groups, famous musicians and music groups are also guests at the events organized by our region.

Social and cultural activities organized by our Regional Directorate address not only adults but also to younger groups. Many students from the district schools were hosted in the conference hall to watch children's theater, State Folk Dance Children's Community performances.



Theater Play "Sanat"



Theater Play "Kibarlık Budalası"



Piano Concert of Anjelika Akbar



Theater Play "Hababam Sınıfı"



## SOCIAL FACILITES

### • COIZ Social Facilities

#### External Stakeholder Opinion

79% of the participants in the 2018 Participant Company Satisfaction Survey stated that they are satisfied with the service quality of Sports Facilities of COIZ.

COIZ, which strives to meet all kinds of needs of the industrialists, has opened a restaurant, carpet pitch, indoor and outdoor tennis courts and trade blocks within the scope of regional directorate.

These facilities, which are open to use by all citizens coming from inside and outside the region, provide important services in the social field. Football and tennis competitions for the regional companies, shopping from the shops in the trade blocks, dining-cafes and the conference hall of the COIZ.

### • COIZ Meeting Room

The meeting hall with the capacity of 50 people in the Administrative Building of the COIZ Regional Directorate is open to in-house and out-of-house trainings and has ample facilities. This hall is used for the training needs of the personnel of the Regional Directorate and the personnel of the regional factories.

### • COIZ Conference Hall

COIZ Conference Hall serves our participant establishment and local people. In addition to the general assembly meetings of the Regional Directorate, the culture and art activities organized for the employees in the factories and the public, as well as some meetings, seminars and many important activities of the public institutions for the employees of the enterprises of our region are held in this hall.



Social Facilities at COIZ



Tennis Courts at COIZ



Trade Blocks at COIZ



Conference Hall at COIZ



Restaurant at COIZ



# FIREFIGHTING SERVICES

## External Stakeholder Opinion

91% of the participants in the 2018 Participant Company Satisfaction Survey stated that they were satisfied with the fire service.


The fire department established by COIZ is the first response unit in case of fire and explosion in the region. Incoming reports are evaluated and the appropriate fire truck is dispatched to the scene of accident in series. If deemed necessary, this unit may serve neighboring provinces and districts at the disposal of the local authority with the information and permission of the Regional Director. A total of 21 personnel are served on a 24-hour basis.

Being aware of the fact that industry can exist by protecting nature and future generations, COIZ provides continuous trainings on fire protection and environment to children who are the architects of the future. In addition, our Fire Department conducts Basic Fire Fighting Training, Emergency Teams Training and Fire Fighting Practice for a large number of employees in the enterprises of our region.

One of the most important duties of our Fire Department is to ensure compliance with the “Regulation on the Protection of Buildings from Fire” to companies wishing to obtain licenses during the establishment phase. Within the scope of this application, with the guidance of our Fire Department; The company takes all necessary precautions to prevent fires before commencing its activities, thus reducing the fire risk to the minimum level.

In 2018, 59 fires occurred in our region. 29 of these fires were textile fires, 8 of them were chemical fires, 7 of them were electrical panels and 15 of them were other fires.

### "The Fire Department Having Best Infrastructure In Thrace..."



Year	2016	2017	2018
Number of the Fires	62	70	59

Fire Department



## EMERGENCY RISK MANAGEMENT STUDIES

In any emergency situation (natural disaster, bad weather, fire, earthquake, flood, sabotage, large amount of gas leakage, dangerous chemical leakage, forensic and anarchic incidents) in case of any threat) Emergency Directive has been established and implemented and kept up-to-date in order to ensure that necessary measures are taken within the principles of protection and security plan without causing panic within the COIZ.

In case of an emergency within the boundaries of the COIZ, the duties of the COIZ units are defined in this directive.

The measures envisaged to be taken by the Emergency Directive include the security of all officials within the boundaries of the COIZ Directorate and the personnel working in

the existing units and other persons entering the building and in the building, and not to damage any valuable, confidential documents and materials in the event of a possible event.

Measures envisaged by the Emergency Directive includes the security of all officers and personnel working in existing units and other persons who enter in the building within the boundaries of COIZ Directorate.

Our personnel, who can provide 24-hour uninterrupted service in response to traffic accidents occurring within the boundaries of COIZ Directorate, reach the scene as soon as possible in line with the notices received and intervene successfully.

Year	Traffic Accidents	Judicial Event	Region Damage	Theft and Initiative	Number of The Notices	Fire	Unionized Event
2016	125	63	37	6	260	62	1
2017	107	23	23	14	255	70	13
2018	138	8	31	23	125	59	12



Accident Response Workings



Response of Factory Fire



## OCCUPATIONAL HEALTH AND SAFETY

### Internal Stakeholder Opinion

77% of our employees who participated in the 2018 Employee Satisfaction Survey stated that they are satisfied with the Occupational Health and Safety practices in COIZ.

The health and safety of our employees are among our corporate priorities. The common goal of all employees related to occupational safety in the COIZ is zero occupational accidents. We provide guidance to our employees with the “Internal Directive on Occupational Health and Safety of COIZ”. The provision and use of safety equipment for our fieldworker is under the control of COIZ.

We ensure that the services we provide to our participants in the field studies carried out by our trained and expert technical personnel

comply with Occupational Health and Safety (OHS) principles.

In the periodic meetings held by the COIZ OHS Board; The Regional Directorate's OHS studies, which include both on-site (Administrative Building, Private COIZ Vocational and Technical High School, Nursery, Social Facilities etc.) and field applications (electricity, water, natural gas, construction, treatment, etc.), include occupational health and safety measures taken as an institution, and legislative changes, etc. Continuously are monitored and recorded.

Mainly in the field of occupational health and safety waste management, legislation changes, seminars etc., organized by COIZ for participating firms, are held, and cooperation with different organizations outside the institution is carried out.



Occupational Health and Safety Trainings



## SECURITY



SCADA Room Monitoring System

### External Stakeholder Opinion

80% of the participants in the 2018 Participant Company Satisfaction Survey are satisfied with the quality of the COIZ's security service.

We provide services to our participants and employees in the region with the special security unit established by COIZ.

Companies in the field of COIZ provide their protection and security within their borders by means of their own private security organization or service procurement method.

In the COIZ, the areas that are under the control of the Regional Directorate have been adequately illuminated and LED lighting system has been installed in such a way that it will be activated automatically according to the degree of darkness.

Our Regional Directorate has established a monitoring and tracking system with over 300 fixed and moving cameras in its area; This system has the possibility of recording images electronically providing services for 7 days 24 hours of subjects such as traffic, fire, judicial and etc.

## OTHER SOCIAL WORKS

The tools and equipment of the COIZ provide benefits to the region's industrialists, especially road on cleaning, in the fight against snow during the winter period.



Challenge With the Snow

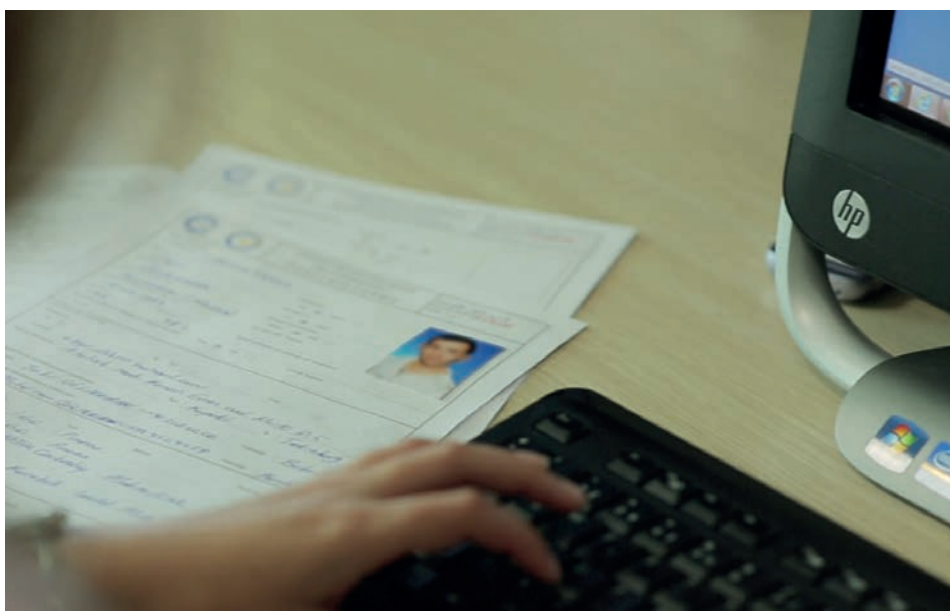


Vehicle Park



112 Emergency Ambulance Service

### • Private Employment Agency Services



Private Employment Office

#### External Stakeholder Opinion

80% of the participants in the 2018 Participant Satisfaction Survey stated that they are satisfied with the activities of the Private Employment Agency of the COIZ.

The Private Employment Agency, which was established within the Regional Directorate, receives the applications of the job seekers and send the resume for the appropriate open positions of the participant companies.

COIZ Employment Office Activities	2016	2017	2018
Number of Applications Received	1.323	1.244	1.264
Number of Referred Applications	1.415	1.589	847
Number of Recruited Candidates	149	107	103
Placement Rate %	11,3	8,6	8,1

**Note:** The number of Recruited Candidates refers to the employment realised via COIZ Private Employment Agency. However, the data is missing. This is the only number which we are informed by the candidate or the company.



## OUR IMPACTS ON NEARBY SETTLEMENTS



Kapaklı and Çerkezköy districts of Tekirdağ province are settlements close to our region. The employees of the COIZ factories mainly live in these settlements and their income from the factories has a direct positive impact on the economic development of these districts. The main motivation of the people who emigrated to these two districts, both from the other provinces and districts of Thrace and from different provinces of Anatolia, is to work in the factories of our region.

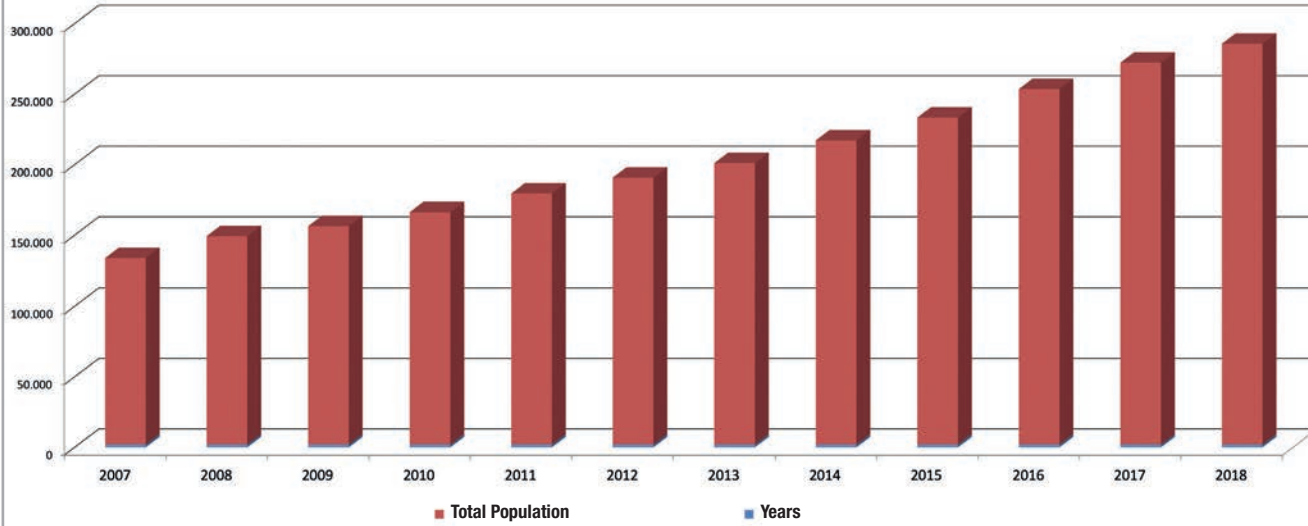
Çerkezköy and Kapaklı districts have the youngest population of Tekirdağ within the framework of the migration they have received, and migration is expected to continue in the coming periods. In both districts, the male population is more than the female population.

Within the scope of the development of COIZ since 1974 when it was established, the annual turnover of approximately 20.6 billion is made in more than 250 factories in the region. In terms of 77.000 people working in these plants and 265 people working in our corporate the magnitude of the effect is obvious. It is necessary to state here the contribution of the factories in our region to the national economy due to both turnover and annual export of approximately \$ 3.5 billion.

	Çerkezköy			Kapaklı			TOTAL (Çerkezköy + Kapaklı)			
Year	Male	Female	Total Population Of Çerkezköy	Male	Female	Total Population Of Kapaklı	Male	Female	Total Population Of Çerkezköy And Kapaklı	Population Growth Rate (%)
2007	68.899	62.824	131.723				68.899	62.824	131.723	
2008	76.583	70.656	147.239				76.583	70.656	147.239	11,78
2009	80.046	74.252	154.298				80.046	74.252	154.298	4,79
2010	84.950	79.270	164.220				84.950	79.270	164.220	6,43
2011	92.301	85.141	177.442				92.301	85.141	177.442	8,05
2012	98.336	90.376	188.712				98.336	90.376	188.712	6,35
2013	59.110	54.024	113.134	44.740	41.158	85.898	103.850	95.182	199.032	5,47
2014	64.216	58.903	123.119	47.875	44.128	92.003	112.091	103.031	215.122	8,08
2015	69.698	63.928	133.626	50.834	46.866	97.700	120.532	110.794	231.326	7,53
2016	76.327	69.992	146.319	54.671	50.572	105.243	130.998	120.564	251.562	8,75
2017	82.346	75.585	157.931	58.040	54.229	112.269	140.386	129.814	270.200	7,41
2018	86.540	80.249	166.789	60.292	56.590	116.882	146.832	136.839	283.671	4,99

Source: TÜİK-Turkish Statistical Institute

**The Total Population of Kapaklı and Çerkezköy in Years**



In line with the Sustainable Development Goals, the financial gains of our employees and employees in the regional enterprises in terms of salaries should be seen as the economic benefit of the COIZ.

Employees from different locations in Thrace and Anatolia meet the personnel needs of the factories. It is seen that the financial gains of these people directly affect themselves and all their families. Çerkezköy and Kapaklı, which have become predominantly industrial cities, whose residents are mostly young people.

As an institution that creates sustainable values, COIZ strives to make social investments in line with its vision to provide more benefits to all its stakeholders. The factories established in the region contribute to the general economic development of Tekirdağ, together with both districts. In addition to this, continuous employment, increase in tax revenue, new housing projects, establishment of education-health and accommodation facilities, opening and development of local supplier companies, increasing transportation and logistics activities, and establishment of many businesses in the service sector, especially in the fields of shopping, sports and entertainment. etc. are the other benefits of COIZ. It is certain that these benefits increase the welfare of the whole Thrace Region and the local community.

In these two districts of Tekirdağ, which receive the highest number of immigrants and show an increase of 6-8% per year, it is of great importance that local government authorities take necessary measures to provide and develop the necessary new infrastructure and superstructure services depending on the population increase.



Employees of Factories



## STAKEHOLDER OPINION



**Mehmet SAVAŞ**

Schnee Metal Plastic. Industrial Trade. Ltd.

General Manager

**Sector: Manufacture of Fabricated Metal Products,  
Except Machinery and Equipment**

In today's world, sustainability is not a preference for administrations, it must be an obligation for the future of our world and next generations

Administrations of governmental organisations and private sector organisations must get the opinions of the stakeholders while forming their strategies and they must have an understanding of administration that is clear, accountability and participant. They must share the results of sustainability with the public and the related organisations. In today's world, all of the institutions and organisations who interiorize itself as a sustainability should be supported and encouraged as it is our important task.

As individuals, turning to the products of such companies can be a form of this support, as well as our own environment or position as a philosophy of sustainability to ourselves and to organize all our activities accordingly will be another form of support.

COIZ Board is the first to embrace the concept of sustainability management among other OIZs in Turkey

and it deserves this support. Schnee-Gruppe company is a stakeholder of the business and management of COIZ operating in Turkey, and we wish them success in their work in this direction.

Regardless of the field of activity, we have a common denominator that obliges us not to be indifferent to sustainability:

Our world...

We use the same planet's resources, pollute the same atmosphere.

Using energy sources, mines and materials in the most efficient way that we use in carrying out our activities is not a choice but a necessity for future generations and a sustainable world.

This planet is all...

There are no more planets.

For now...

**We Are Building The Future Of Our Country  
With Our Eco Friendly,  
Competitive And Economic Structure...**



## Environmental Impact Area



## OUR ENVIRONMENTAL IMPACT AREA

Starting from reducing environmental energy consumption in order to ensure sustainability in the world, it is seen that different models have been introduced to reduce waste production, to prevent soil, water and air pollution, and to make noise and risk reduction studies in order to reduce environmental damages.

In our country, in cooperation with T.C. Ministry of Industry and Technology and World Bank Group the project work under the name of Green Organized Industrial Zone is continuing.

In this section where we will explain our studies about energy management and environment as COIZ, the main

topics in the study “Guidelines for Sustainable Industrial Areas-Version 1.0 (SIA)” prepared by “giz “(=Deutsche Gesellschaft für Internationale Zusammenarbeit) are taken into consideration and the applications made within this scope in our region are included.<sup>13</sup>

Our activities in this field are shaped primarily within the framework of the OIZ (Organized Industrial Zone) Law and Regulation No. 4562 and the legislation on Environment and Energy.

In this context, as COIZ our main motto is “Clean Energy, Clean Environment, Clean Production...”

## ENERGY MANAGEMENT

### External Stakeholder Opinion

2018 Participant Company Satisfaction Survey stated that %88 participants are satisfied with the electricity service quality of COIZ, 87% are satisfied with natural gas service quality and 83% with water service quality.

Installation, operation, maintenance, repair and modernization services by SCADA system made by the COIZ energy data and infrastructure of the regional enterprises are constantly monitored to identify and solve problems that may arise. The usage amount of energy that the participant companies specify during the establishment of the company is monitored.

SCADA system is used as an example by many OIZs to monitor electricity, water, natural gas and wastewater consumption amounts on behalf of “human-independent data collection” of the enterprises in our region.

As COIZ, we carry out our energy efficiency studies systematically in our COIZ facilities with our ISO 50001 Energy Management System certificate, which we received in 2018 for effective energy management, and we carry out studies to reduce our natural resource consumption.

Energy Management Unit which has been established in our organization chart as COIZ, monitoring and reporting of energy savings is made under this unit. We set goals based on continuous improvement in energy efficiency, periodically review our system and prefer energy efficient technological applications. We continuously share our knowledge and experience with our subcontractors, suppliers and all other stakeholders to reduce natural resource consumption and minimize energy losses. As we take an efficiency-based approach to energy consumption, we are continuing our efforts to reduce our increased costs and reduce our carbon footprint.

### “SCADA System In Which The Electricity, Water, Natural Gas And Waste Water Consumption Data Of The Participating Companies Are Monitored...”



SCADA Room



Clean Electricity





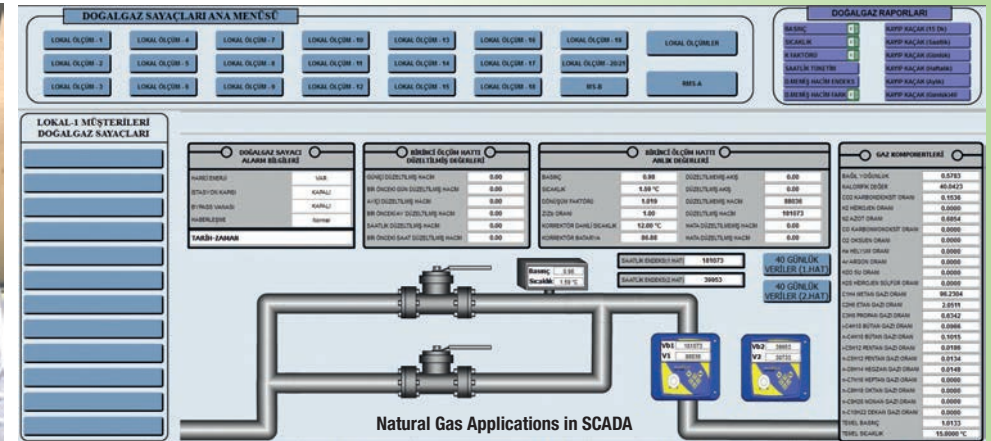
## ELECTRICITY, WATER AND NATURAL GAS SERVICES

The supply of electrical energy to the participant companies within the COIZ, is provided by the energy system coming from outside the industrial area and distributed by the COIZ. In other words, COIZ purchases electrical energy from external suppliers.

“Organized Industrial Zone Electricity Distribution License” was obtained in order to conduct electricity distribution activities within the boundaries of Çerkezköy Organized Industrial Zone. Within the scope of distribution license activities, operation-maintenance works of 24-hour service of the intra-regional electricity distribution network are carried out by COIZ teams for continuity of electricity supply. We provide “clean energy (where harmonic, sag-swell, transient, flicker values are kept under control) within the scope of the electrical infrastructure we have established in our region. Technically uninterrupted-continuous HV 31.5 kV, AG 400 V clean energy is given to our facilities, production is experiencing comfort. 154 kV COIZ Transformer Substation was established by COIZ in 2012 in the middle of the area where regional factories are located in order to reduce line losses and increase the carrying capacity according to cable cross sections. The water requirement of the industrial facilities in the COIZ is provided from the regional water distribution lines in the first section and from the deep water wells in the second section.

The natural gas requirement of the COIZ enterprises is supplied by the station connected to the regional Natural Gas Distribution Company.

The enterprises within the COIZ, as owners or hirers of the company, must obtain the approval by informing the Regional Directorate of COIZ about the amounts of electricity, water and natural gas to be used, before the operation starts in the enterprise and perform the same operation in case of capacity increase.





## MONITORING ENERGY CONSUMPTION USED IN COIZ FACILITIES

COIZ facilities are included of; Administrative Building, Conference Hall, Workshops, Sports Facilities, Fire Department Building, Waste Water Treatment Plant, Pumping Stations and Water Wells, Street Lighting, Private COIZ Nursery and Day Care House and Private COIZ Vocational and Technical Anatolian High School.

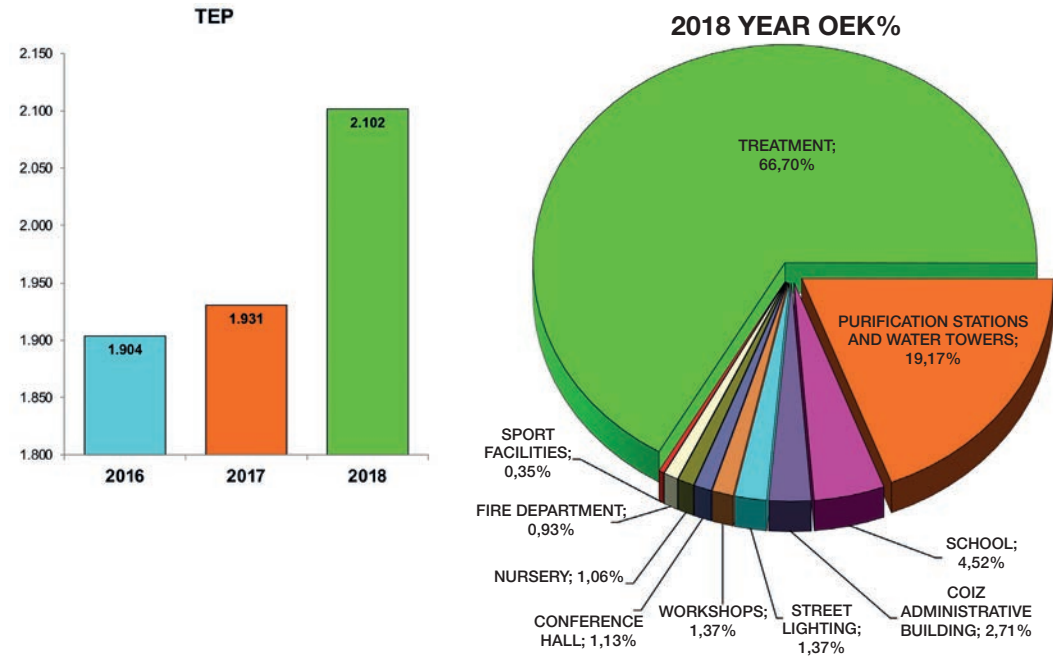
Year	2016	2017	2018
Total Electricity Consumption kWh	20.102.047	20.223.011	22.284.028
Total Natural Gas Consumption Sm <sup>3</sup>	155.127	167.006	164.723
TOE (Electricity, Natural Gas, Diesel and Gasoline Consumption)	1.904	1.931	2.102
Total Water Consumption m <sup>3</sup>	52.184	43.670	57.227

Tonne of oil equivalent (toe) (tons of equivalent oil) is a unit of energy equivalent to 10 million kCal, which allows energy resources to be expressed in one unit.

Annual energy consumption (electricity, natural gas, diesel, gasoline, etc.) in the facilities specified in our region is shown in the graph as TOE in the last two years. In addition, the share graph related to the energy usage of the facilities of our region is given.

Within the scope of awareness raising on energy efficiency in the facilities of our region, 1% of annual energy saving is foreseen.

In our corporate facilities (Administrative Building, School, Conference Hall, Nursery and Common Waste Water Treatment Plant, etc.), our projects and applications are carried out to reduce heat losses and to use more efficient engines.



Led Street Lighting

## LED STREET LIGHTING

LED technology was introduced in 2012 in order to provide savings in the street lighting field initiated by COIZ.

In our streets, LED lighting system has been gradually replaced with sodium vapor luminaire and an average annual saving of 51% has been achieved per luminaire.

## RENEWABLE ENERGY SOURCES

As environmental pollution and climate change become an important problem in the world, the importance of renewable energy sources are increasing day by day. Renewable energy sources is an important issue to be evaluated; due to the use of depleted resources, positively effect on reducing greenhouse gases, and the environmental damage being extremely limited compared to other sources, as well as a potential alternative to reduce dependence on foreign sources for Turkey, and positive effect to supply safety.

Since the energy is used extensively by industry in the Thrace Region, heat recovery and the use of more efficient engines are some of the development areas for energy efficiency.<sup>14</sup>

# ENVIROMENTAL MANAGEMENT

## External Stakeholder Opinion

2018 Participant Satisfaction Survey stated that 78% of the participants are satisfied with the COIZ service quality of eliminating environmental complaints.

The Environmental Management System, is established by COIZ, in order to guide our existing and new participant companies about the environmental practices within the scope of the Environmental Law and OIZ Implementation Regulations, and also inform the companies about the services provided by COIZ and remind them about the obligations of Ministry of Environment and Urbanisation, Tekirdağ Provincial Directorate of Environment and Urbanization and the COIZ.

Within the scope of Environmental Management studies, the permits and licenses required from the participating companies in the project and implementation stages have been determined by the COIZ. These permits and licenses are; EIA Decision, Construction Permit, Building Permit, Temporary Activity Certificate, Trial Permit, Channel Connection Permit Certificate, Environmental Permit and Workplace Opening and Working License.

The wastes generated by the activities of the participants within the COIZ are classified by the participant companies according to the Waste Management Regulation, collected separately and recycled or disposed according to the relevant regulations.

Solid wastes, packaging wastes, excavation and construction wastes, medical wastes, vegetable waste oils, waste oils, waste batteries and accumulators, electronic waste, end-of-life tires, soil pollution, environmental noise, the management of chemicals and products is subject to the implementation principles within the framework of the relevant waste management control regulation.

The documents required by COIZ according to the environmental management of the participating companies are monitored within the scope of the legislation.

## WASTE WATER

### • Waste Water Infrastructure Facilities Management

The participating companies in the COIZ meet their infrastructure needs from the facilities of the OIZ (Organized Industrial Zone).

In order to meet the needs of industrial facilities in COIZ, electricity, water, natural gas supply and distribution network, sewerage and rain water network, waste water treatment plant, internal roads, communication network, internet service provider, sports facilities, general service and social facilities, etc. The installation and operation of the facilities are under the authority and responsibility of our region.

In 2018, a total of 16,806 meters of infrastructure lines including 7196 meters of rain water lines and 9610 meters of waste water lines were monitored and 39 hours of video recordings were made by our Regional Directorate teams in 2018. Infrastructure visualizations, current / potential fault detections are made in the waste water line and necessary blockages are eliminated.



The principles of connection of the participant companies to the sewer line, the principles of waste water discharge to the sewer, determination of waste water amount, determination of waste water pollution degree, calculation of invoice cost, determination of industrial waste water discharge criteria were announced to participant companies within the scope of Environmental Management System and the application of the company is provided with the up-to-dateness and continuity of the application.



According to the entrance parameters of “Waste Water Treatment Plant” in line with the on-site investigations of the COIZ personnel, it is determined whether the plant meets the waste water according to “Industrial Waste Water Treatment Plant companies waste water discharge criteria”. As a result of the analyses of the samples taken for the determination of pH values, the category of waste water of the participant is determined according to the report they will organize.



**"Çerkezköy Organized Industrial Zone,  
Which Is Aware That Industry Can Exist By Taking  
Possession Of Nature And Future Generations."**

• **Common Industrial Waste Water  
Treatment Plant**

**External Stakeholder Opinion**

2018 Participant Company Satisfaction Survey stated that 85% of the participants are satisfied with the quality of Waste Water service of COIZ.

Established for the treatment of industrial waste water originating from more than 250 participating companies in our region I. Part of the Waste Water Treatment Plant in 1994 and II. Part of the Waste Water Treatment Plant was started in 2008. These facilities, which are provided at the cost of investment from our own resources, have a total waste water treatment capacity of 80,000 m<sup>3</sup> per day. With its current capacity, it is one of the largest treatment plants in Turkey.

The parameters related to the treated water are analyzed in our COIZ Environmental Facilities Laboratory. In addition, the measurements made by the Continuous Waste Water Monitoring System are transmitted to the monitoring system of the Ministry of Environment and Urbanization for 24 hours. In the facility where physical, chemical and biological treatment facilities are available, wastewater flow rate, sludge amount, pool level etc. All data are monitored within the scope of automation system.



Waste Water Treatment Plant



Waste Water Monitoring Station



Threatment Plant Systems



## CLIMATE



### • Monitoring and Management of Emissions

Control of Industrial Air Pollution, Regulation on Control of Air Pollution Caused by Heating and Control of Odor-Generating Emissions in the disposal of wastes such as dust, gas and odor emissions that may cause air pollution as a result of their activities.

According to the protocol between COIZ and TUBITAK, emission measurements, odor measurements, passive tube measurements in common areas, dust and PAH measurements and combustion gases measurements are made by COIZ elements in the coal boiler chimneys of the companies.

In order to improve air quality, the measurements above the limit values are shared with the participant and the company is warned to take the necessary precautions. In case the participant does not take precautions, the subject is notified to the Provincial Directorate of Environment and Urbanization.

In terms of the COIZ, efforts are underway to ensure that air quality does not exceed the pollution level of the regulations, or even to keep it at the level of EU criteria.

In industries such as casting, chemistry, artificial leather, recycling, which can cause pollution related to emission, new facilities are not allowed to be established in our region by the decision of the General Assembly.

Within the framework of the protocol signed with TUBITAK as COIZ in 2011, "The project of determining the air pollution and air quality levels of air polluting sources" is continuing. In this context, industrial emissions related to process and fuel are determined, odor sources and levels are determined, examined and the distribution of pollutants are studied in COIZ. The protocol with TUBITAK is continuing in order to ensure the continuation of these studies and to make the necessary improvements.

- To Reduce the Effects of Climate Change and Adaptation
- Carbon Footprint Calculation

In order to monitor greenhouse gas emissions, COIZ (Cerkezkoy Organized Industrial Zone) has made a Car-

bon Footprint calculation covering Scope I and Scope II emissions for our regional directorate and regional participants; These values are calculated as 0.087 kg CO<sub>2</sub>e for 2016, 0.093 kg CO<sub>2</sub>e for 2017 and 0.087 kg CO<sub>2</sub>e for 2018 in Euro basis. Values in Turkey are given as; 0.22 kg CO<sub>2</sub>e per Euros and the European average is 0.14 kg of CO<sub>2</sub>e. In this sub-sector, COIZ greenhouse gas emission values are lower than the value per added created.

### •• Studies for Reducing Carbon Footprints

18.320 saplings were planted in the recreation area and throughout the region and 679.033 m<sup>2</sup> green area maintenance is still carried out by our Regional Directorate. In addition, 100.000 saplings have been planted on a total area of 1.164.000 m<sup>2</sup> in the nearby settlements by our Regional Directorate and maintenance is carried out by COIZ.

COIZ attaches great importance to afforestation activities within the scope of reducing carbon footprint.





## •• Yoncalı Dam Project

The project of Yoncalı Dam Project, which was developed in order to protect the groundwater reserves utilized by the companies in COIZ, was completed in 2018 and the expropriation works of the area where the barrage will be established are being carried on.

The implementation of the project, which aims to bring rainwater to the industry, will begin as soon as possible. COIZ will also become the first OIZ (Organized Industrial Zone) with its own dam by supplying the water used by regional companies from this dam. This study, which will

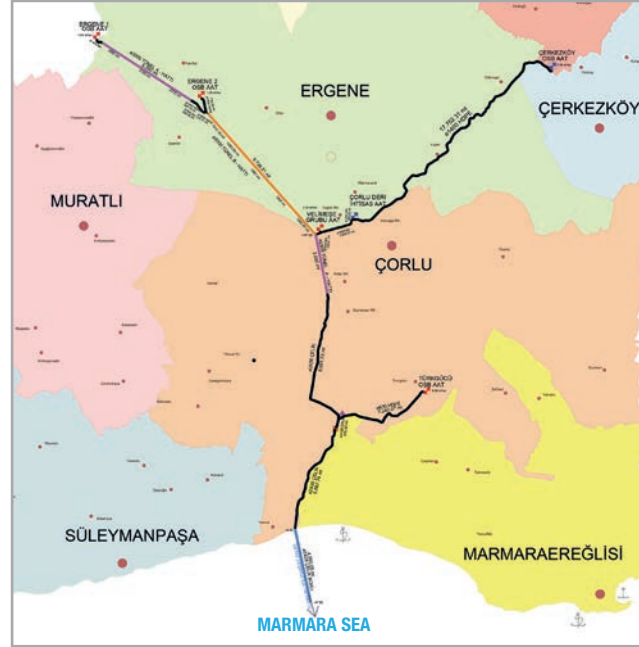


Yoncalı Dam Project

be one of the most concrete examples of sustainable development, is also an indicator of the importance given to environment by COIZ.

## •• Marmara Deep Sea Discharge System Project

Another important project carried out in the field of climate change mitigation and adaptation is the Marmara Deep Sea Discharge System Project, which includes the OIZ's in Tekirdağ, where COIZ is the coordinator, and also



Marmara Deep Sea Discharge System



Marmara Deep Sea Discharge System Project Application

a participant. With this Project, after the treatment of the wastewater of the companies operating in the OIZs in the wastewater treatment plants belonging to OIZs, the waste water discharging to the 4,5 km. offshore of the Marmara Sea will be provided by the Common Land Pipeline called as Marmara Deep Sea Discharge System, Tunnel Lines and Sea Outfall Line System. In this project, which is continuing within the framework of the Ergene Basin Conservation Action Plan, the land pipeline construction work has reached a significant completion point by the end of 2018.

The Marmara Deep Sea Discharge System, which is carried out within the framework of the coordination of Ministries, Tekirdağ Governorship, State Hydraulic Works, Istanbul Water and Sewerage Administration and related OIZs, is considered to be completed in 2020 as a whole.

## • Biodiversity

The studies conducted during the installation period of the companies within COIZ, such as determination of negative and positive effects to the environment, determination of the precautions to minimize the negative effects, to evaluate the technological alternatives, and to track the implementation of the projects, are realised in the scope of Environmental Impact Assessment (EIA) analysis.

The necessary approvals for the companies are given by the COIZ, during their installation period, by examining the effects in terms of environmental compliance.



Biodiversity in COIZ

## STAKEHOLDER OPINION

As Vem İlaç, which operates in COIZ, we carefully monitor the activities of COIZ and its activities for regional enterprises.

First of all, we would like to emphasize that we are pleased with the technical and social works of Çerkezköy Organized Industrial Zone Directorate.

In terms of many OIZs, the works especially the environment, education, culture and art conducted by COIZ has such significant implications for the future generations of work. We are watching with great interest many activities of collection of wastewater in environmental area and of air pollutant sources. We find remarkable the planning in the field of zoning and garden and agriculture in the area of the work. We consider the energy-saving LED lighting they apply within the region, the SCADA system used in the control of the electricity-water and natural gas supplied to the companies, ensuring the continuity of their services in the field of energy, and repair-maintenance works as very important applications for all businesses in the region.

Roads constructed within the region, renewal for infrastructure etc. operations reflect the seriousness of the COIZ. In addition, we consider the activities of COIZ to develop R & D activities in regional companies as very positive studies.

Activities like theater and so on are contributing to the social and cultural development of the companies of the region. Art performances and other social organizations are really important for all companies in the region.

We would like to thank COIZ's Administration for their efforts to train qualified personnel in the pharmaceutical sector in Vocational and Technical Anatolian High School of COIZ.

As a manager in the pharmaceutical sector where the value-added production needed by our country is made, I believe that COIZ will continue to increase meaningful, modern and exemplary works for future generations with the development of companies in our region.



**Cem DİVRİKLİOĞLU**

Vem İlaç Industry and Trade Limited Company  
General Manager

**Sector: Manufacture of Basic Pharmaceutical Products and  
Pharmaceutical Related Material**



## NEW APPROACHES ON WASTE MANAGEMENT



### CIRCULAR ECONOMY

Circular economy is based on the principles of designing out waste and pollution, keeping products and materials in use, and regenerating natural systems.

COIZ; adopts the circular economy, as transition to renewable energy, reducing the use of toxic chemicals and preventing waste generation.

We replace the circular economical approach with the linear economy, which traditionally follows the “take-make-dispose”, as one of the main points of our understanding of sustainable development.

In this framework, we believe that not only the producers, but also the consumer behaviors should be chan-

ged and the efforts towards by the circular economy should be supported.

As COIZ, we respect the environment, as well as the rights of our generation and the future generations, as the most important values for our sustainability approach.

Within the framework of sustainable development perspective; we believe that environmental problems such as population growth, urbanization and migration, economical and social developments in our country, and also within the world and global climate change become common problems of all people and we need to find solutions with a sustainable perspective for this purpose.

### CLEAN PRODUCTION

It is known that, by the rapid technological and industrial developments especially within the second half of the 20th century, brought the rapid destruction of environment and non-renewable resources.

As COIZ, we support the eco-efficiency approach, which means using less resources&energy and generate less waste for the same amount of production. In this context, it aims to provide both environmental and economical benefits by increasing efficiency in production. Nowadays, as the concept of clean production (sustainable production) has become widespread, COIZ supports the clean production approach within its

own industrial wastewater treatment plant also within regional enterprises.

### INDUSTRIAL SYMBIOSIS

It is possible to carry out industrial symbiosis studies within Cerkezkoy Organized Industrial Zone, since the sectoral diversity is high. The “TR21 Thrace Region Industrial Symbiosis Potential”<sup>15</sup> study, which is prepared by the Thrace Development Agency in 2016, shows the weakness of “relevant and healthy data” gathered from the companies.

It is necessary to take into consideration the concerns of the citizens living nearby, if the industrial symbiosis studies starts.

Within this scope, there is no planned study for industrial symbiosis in our region.



## RESOURCE UTILIZATION



Electrical Equipments

### PRODUCTIVITY OF RESOURCES

#### External Stakeholder Opinion

84% of the participants in the Participant Satisfaction Survey in 2018 stated that, they were satisfied with the COIZ's capability of problem solving.

85% of the respondents stated that, they are satisfied with the quality of services provided by COIZ in terms of Fault Clearance Rate.

Within the scope of the infrastructure established by COIZ, electricity, water and natural gas consumption used in both the Regional Directorate and within the facilities of the participants are monitored and necessary controls and maintenance are carried out to minimize energy loss rates.

While the data generated by the SCADA system, in which the energy consumption and malfunctions are monitored and taken as a base for periodical invoicing by the financial affairs unit, another automation system by the Regional Directorate, the data of consumptions for 15-minute or cumulated consumptions are made available to the participant companies.

Losses of Energy in COIZ %	2016	2017	2018
Electrical Losses %	0,20	0,21	0,24
Water Losses %	3,75	0,85	0,44

### COIZ's SCADA APPLICATION

The SCADA system, which is the latest technology of digital system that monitors the necessary parameters such as monitoring, control, data collection, recording and storage for efficient energy management. Via the SCADA system which studies started in 2008, by Cerkezkoy Organized Industrial Zone, operates electricity, natural gas, water and wastewater distribution systems.

#### *The benefits provided by the COIZ Energy SCADA are:*

- Saving time and minimizing labor loss in natural gas distribution
- Reduced number and duration of faults
- More efficient and long life pumps in water system
- Fast and uninterrupted telecommunication service
- Receiving backward energy consumption data
- Online data sharing with legal institutions
- Lost-leak tracking
- Electrical energy service of high quality

*"We Use Our Resources Effectively..."*

### UNDERGROUND AND SOIL PROTECTION

Necessary controls are made by COIZ in order to prevent wastes leak into the soil. In addition, it is ensured that the waste areas of the companies are constructed in appropriate conditions and that they are stored in suitable places.

COIZ acts within the framework of the "Ergene Basin Conservation Action Plan" announced by the Ministry of Forestry and Water Affairs in 2013.

In this context, COIZ has been involved in the project of deep discharge of treated water to the Marmara Sea, with 9 other OIZ's in Tekirdağ. The completion of the project is underway.



Planting Trees





## PRODUCTIVE LAND USE

### External Stakeholder Opinion

85% of the participants of the 2018 Participant Company Satisfaction Survey, stated that they are satisfied with the quality of COIZ's Zoning services.

COIZ (Cerkezkoy Organized Industrial Zone) is a good example of a sustainable development model that avoids distorted industrialization, works to prevent environmental problems, uses resources rationally and aims efficiency in resource use by taking ecological balance as a base.

Within the scope of the Organized Industrial Zones Law and Implementing Regulation No. 4562, construction provisions are applied to industrial parcels in our region. Although the number of factories in our region increased significantly after 2000, efficient use of the land is ensured through the bussiness and trading applications of COIZ.

These applications are both in accordance with-

COIZ Occupancy Rate %	2016	2017	2018
Number of Parcels %	86	88	90
Parcel Area %	92	92	94

in the framework of Zoning Rules and Regulations Law No.3194 and Bussiness and Trading Licences Law on the adoption of Decree Law about the Law No.3572.

The necessary Zoning Plan Revisions are made by the Board of Directors with the approval of the Ministry for our industrialists to produce in compliance with changing Technologies and within the scope of the decisions taken in the Regional General Assembly in accordance with the changing legislation.

Considering the advantages; of the proximity of COIZ to Istanbul, the development of technical-administrative infrastructure and the serious approach regarding the efficient use of the areas in our region, it is seen that the industrial parcels of COIZ have been filled up significantly.

## ENVIROMENTAL LABORATORY

### External Stakeholder Opinion

81% of the respondents of the Participant Satisfaction Survey of 2018, stated that they are satisfied with the quality of laboratory services of COIZ.

We have a laboratory, in which chemical analyzes of waste water is carried out. Samples are taken both from the units of COIZ's waste water treatment plant, and also from the participant companies. This laboratory has the Competence Certificate of Environmental Measurement and Analysis by the Ministry of Environment and Urbanization, it is also accredited by the Turkish Accreditation Agency (TURKAK) and operates in accordance with IEC 17025 standards.



Environmental Labs



# INFRASTRUCTURE MANAGEMENT

## INFRASTRUCTURE INSTALLATION, MAINTENANCE AND REPAIR WORKS AND CLEANING SERVICES

### External Stakeholder Opinion

83% of the respondents of “Participant Satisfaction Survey in 2018” states that they are satisfied with COIZ’s service quality of Infrastructure and Superstructure Construction.

83% of the respondents stated that they are satisfied with the quality of Environmental Organization, Maintenance and Cleaning services by COIZ (Cerkezkoy Organized Industrial Zone).



The operation and management of the infrastructure within the boundaries of the COIZ belongs to the Regional Directorate. Services provided within this scope; not only includes the construction and maintenance of roads, energy and water supply and distribution, but also the collection and treatment of wastewater including the maintenance and repair of waste water lines and fiber-optic infrastructure where internet-telephone services are provided.

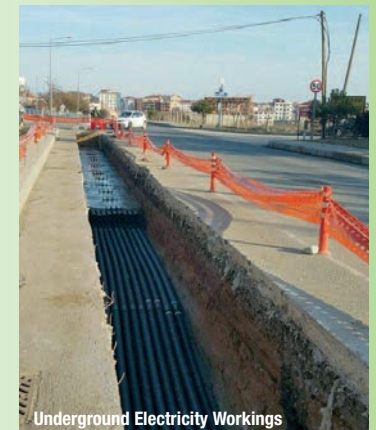


COIZ, has created a structure including infrastructure installation, maintenance and repair, modernization and cleaning activities in order to create a sustainable industrial area.

In order to ensure a sustainable infrastructure, the construction and maintenance of roads and parking areas to meet the needs of traffic within the region and maintenance of all structures under the ownership by the COIZ, are provided by the COIZ. Asphaltting, patching, cobblestone, curb – sidewalk arrangements, arrangement of traffic signboards, control and maintenance of infrastructure lines throughout the region are also included.

The cleaning of the main streets and streets within the borders of the COIZ, is done by the Regional Directorate to support the protection of nature.

Within the scope of the “1st and 2nd Part Electricity Distribution Centers Construction Work Project” carried out between 2010-2018; the distribution centers, which are outdoor switchgear, have transformed the overhead transmission line system into new modular cell distribution centers and underground power transmission lines, reducing the loss-leakage ratio of electrical energy from 3.5% to 0.21%.



As COIZ, we provide uninterrupted (continuous) electrical energy supply to our participating companies through the underground ring network that we established in 2010-2018 period.

In order to provide fast and uninterrupted internet and telephone services to participating companies within the COIZ, overhead copper data lines were removed and a fiber optic infrastructure with a 66 km backbone was established. Within this backbone, each participating company is connected to the 66 km main backbone via its own fiber optic cable through its distribution center. Thanks to the fiber optic infrastructure, the participating companies can benefit from the maximum communication speed that the internet service provider can provide.



## STAKEHOLDER OPINION



**Bahadır SARI**

Siemens - Domestic Projects Management Group Manager

Sector: Energy Management

### The Greatest Empire and Sustainability

There is no body so that it can lead a life independent of its surroundings. The different bodies and systems that we interact with may not be what makes us available; but they are certain to keep us going.

When we look from the past to the present day, the largest empires and even the greatest communities have been unable to survive. They have existed with short periods on the axis of broad history and then disappeared. As we remember, The Mongol Empire, founded by Genghis Khan in the 1200s, spread to 22% of the world, dominated over 100 million people, and became the largest empire in the world in one piece.

If Genghis Khan was immortal (!), we would be living in the Mongol Empire. However, after the death of Genghis Khan in 1227, 67 years later, this great empire was destroyed in 1294. Genghis Khan has done the right thing to achieve this greatness in 30 years, but what has he had to do to be permanent? Perhaps, with these and similar lessons we have learned from the history, the concept of sustainability is reflected in almost all fields today. In this state, Sustainability has been a prerequisite of our lives and economy and has been applied in many different fields such as environment, cities, tourism, social development and technology. Although different aspects come to the forefront for all, the common feature is conceptualized as gaining the ability to be permanent and harmonizing the relations in different dimensions with each other.

When I exemplify from my own institution, SIEMENS, our story which started in 1856, with the establishment of the first telegraph infrastructure of these lands, has reached 163 years despite similar changes in markets and technology, with similar sustainability practices. When we look at the COIZ, which we have contributed to as a stakeholder for many years, we are proud to observe that, COIZ is implemented the Sustainability Concept with many implementations gathered under the

main headings of Economy, Environment and Social.

The SCADA system, including High Voltage, Medium Voltage, Low Voltage Energy Infrastructures and Automation systems established by COIZ, with our support, contributes to the permanence of every company within COIZ in economical terms. These contributions are applied to all infrastructures such as Electricity, Water, Natural Gas, Communication and Waste Water. Continuity is also applied with the investments, installations, maintenance and repair works of COIZ.

With the power of being organized and being together, COIZ has provided sustainability in terms of environment with its common wastewater treatment plant, emission measurements, infrastructure SCADA monitoring systems, efficiency optimizations, zoning applications, recreation areas.

In addition, sustainability activities in the social sense are spread from the conference hall, theater, concerts, cultural organizations to the facilities provided to the disabled people in need. The Vocational High School, with a capacity of 1,200 students, is the biggest and lasting investment for the young people of our future. We also proudly observe that, the Private COIZ Nursery and Day Care Center, with the capacity of 240 children, provides a healthy and attentive service to children, and confidence for their parents -both mother and father-so that they can continue working life.

I believe that, those kind of services will serve as a model to other institutions, as well as individuals.

We, as individuals, can also contribute to sustainability, providing benefits with changes in our daily lives; transportation, heating, insulation, cleaning, nutrition, can be applied in areas such as changes that will be effective in a long time period.

I'm ready, and you?

- **Summary of Sustainability Studies of COLZ**
- Performance Indicators
- **Audit Reports**



**Result...**

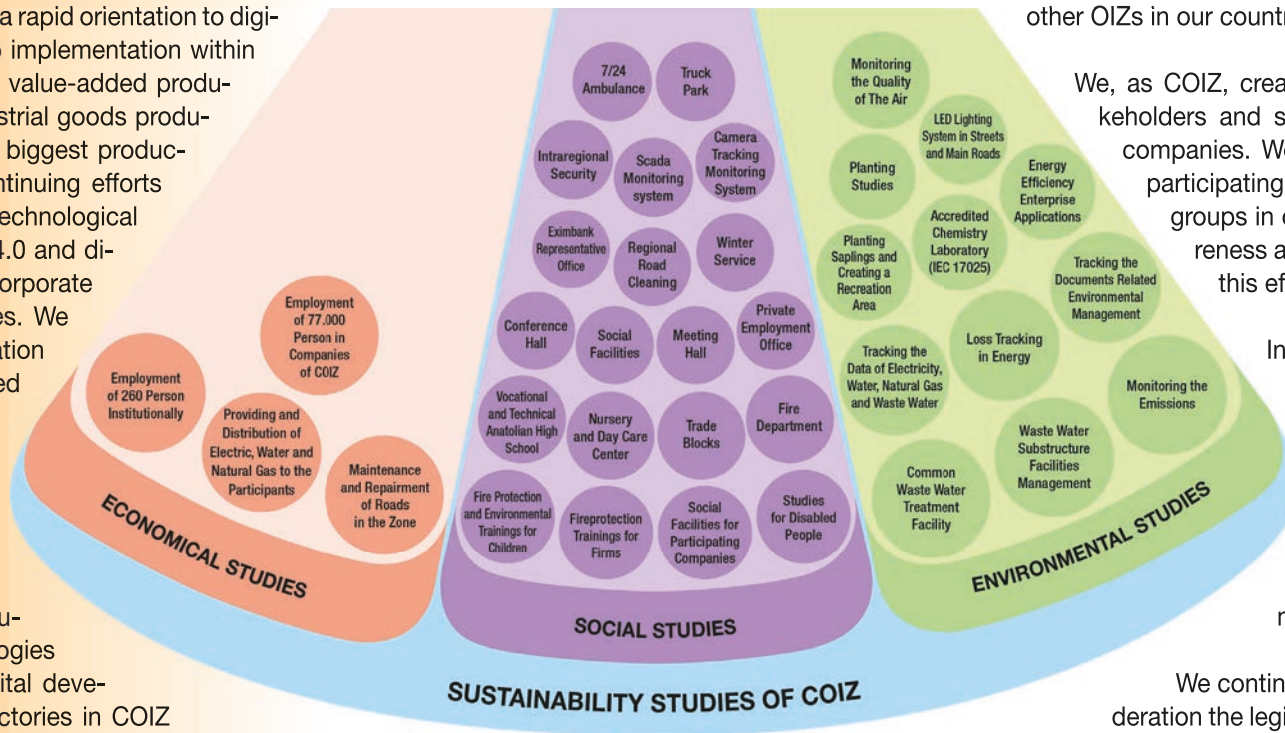


## SUMMARY OF SUSTAINABILITY STUDIES OF COIZ

The world has been experiencing a rapid orientation to digital technologies and transition to implementation within the framework of the increase in value-added production in general, in terms of industrial goods production. COIZ, which is one of the biggest production areas of our country, is continuing efforts to understand and apply new technological developments such as Industry 4.0 and digitalization both within its own corporate structure and regional enterprises. We anticipate that, digital transformation in the industry, which is also called Industry 4.0, will find implementation area primarily within OIZ.

In order to be a part of global competition, we are aware of the importance of an ever-transforming understanding of producing and selling these technologies beyond the consideration of digital developments in the world for the factories in COIZ and all production areas in our country. It is very important for our country to expand the number of the OIZs which are one of the most important areas of localization practices in production and to realize the transformation towards New Generation OIZs on a global scale, where the industry grows in a disciplined way, productivity in production is prioritized, and dependency on imports is reduced. In this transformation, R & D, innovation and qualified human resources are the most important topics.

OIZs provide environmentally important structures such as a common waste water treatment facility with a healthy, reliable infrastructure and other common social facilities. The number of the OIZ has been reached to 327 in Turkey, 49 of them are specialized and 253 of them are mixed. The number of factories in these Organized Industrial Zones have been reached over 50,000.



other OIZs in our country.

We, as COIZ, create long-term value for all our stakeholders and society especially our participating companies. We offer sustainable services to our participating companies and other stakeholder groups in our region. Our aim is to raise awareness and to involve all our stakeholders in this effort.

In accordance with the “United Nations Sustainable Development Goals”, we endeavor to ensure that our activities are permanent and sustainable. In the meantime, we want to learn and internalize the new technologies called digital transformation and make new developments.

We continue our studies by taking into consideration the legislation in our country and the developments in the World, in order to support our participating companies to be more productive and transform to higher value added production in the corporate sense.

We observe that a significant amount of the whole electricity, water and natural gas in Turkey, is consumed by the companies in our region. We have made significant progress in taking necessary infrastructure measures in terms of energy saving, treatment of wastewater, monitoring emissions and combating climate change. In this sense, we examine developments in Turkey and the World and follow the implementation of different projects, while realizing our projects. We monitor the carbon footprint values in our region on a yearly basis and we carry out studies to ensure that these values are kept within acceptable limits.

We also see that, thanks to its smooth infrastructure and

Çerkezköy Organized Industrial Zone (COIZ), which is one of the most important structure within Organized Industrial Zones in Turkey, it has become a model today, by its industrial development, preferred by investor companies where electricity, water and natural gas and infrastructure facilities are prepared, environmental pollution and industrial wastes are audited consciously and quality of life is kept at a high level.

The enterprises in our region, are the production areas which are making serious strides in terms of export growth creating new employment, on the other hand, positively affecting the development figures.

COIZ is a pioneer of sustainable development, as well as

factories close to Istanbul, our region has become a center of attraction.

Many people from all over the country migrate to work in factories in our region. What we need to emphasize here is that the need for qualified workforce in these factories have been increasing day by day.

As COIZ, we graduate every year from our own Vocational High School in order to train the technically qualified personnel needed. We also carry out project applications in order to bring qualified personnel needed by our region's factories to the region.

We are continuing our disciplinary measures and practices in the field of environmental protection. We conduct preventive controls in order to protect the environment. We effectively monitor the distribution and use of electricity, water and natural gas that we provide to businesses in our region. We conduct audits to reduce gas emissions. Our Environmental Management System applications, which are based on environmental legislation in our country, cover all regional factories. We treat 80,000 m3 of wastewater from our region's operations in our common waste water treatment plant.

With our ISO 50001 Energy Management System, which we have established for energy efficiency, we control our own corporate facilities and energy lines.

As a service institution, we produce fast solutions to problems in the social field, in close communication with our regional businesses and managers. We evaluate the satisfaction of our participants from our services with our participant satisfaction survey that we conduct every year and we take measures on issues that need improvement. Each year, we undertake activities such as; theater, show, award-winning art-composition competitions and so on by taking into consideration the social-cultural needs of the employees and their children in these companies. Every year, we provide

fire trainings and environmental trainings to approximately 1500 children. We carry out projects that support social life such as schools, sports halls and hospitals, where citizens and their children benefit from the nearby settlement areas Kapaklı and Çerkezköy. We prepare employment opportunities for more than 100 disabled people in 2019, through the implementation of our Project "Mentally Handicapped Protected Workplace (ZEKA)" that we completed in 2018.

We have made our corporate social responsibility practices a part of our understanding of doing business. With these projects, we have been able to measure the number and satisfaction of the people we have access to. We give priority and support the people in need and disabled people in nearby settlements. We build our physical projects and provide social benefit in these areas, such as; school, gym, hospital and so on.

With our approach that we mentioned above; our economic, environmental and social activities on the basis of sustainability are described in this report.

These practices and projects that we carry out in an institutional manner are the works carried out in order to benefit the development of both the participating companies and the whole society.

Taking into consideration that OIZs are an important element of development tool and industrialization, we want no one to doubt that COIZ will serve on the path of sustainability with its exemplary and pioneering works that will be carried out for the Turkish industry and the society.

We respectfully hope that this sustainability report will be an example for our rapidly developing region and all organized industrial zones.

**We Are  
Proud to be  
Walking Fast  
And Confidently  
On This Road With  
Our Participants  
And Employees...**



## SUMMARY OF SUSTAINABILITY STUDIES OF COIZ

OUR VISION FOR SUSTAINABILITY: In order to become an institution which creates sustainable values; together with our participants, to provide more economical benefits to all our stakeholders to contribute to the protection of the environment and social development of our region.

Works Made	Legal Framework	Institutional Framework	Existing Practices of COIZ	Corporate Reputation of COIZ	Satisfaction Ratio Score of the Participating Companies (2018)	New Projects (2019 - 2022)
<b>Economical Studies</b>	<ul style="list-style-type: none"> <li>• OIZ Law and Regulation No.4562</li> <li>• Zoning Law No.3194</li> <li>• Labor Law No.4857</li> </ul>		<ul style="list-style-type: none"> <li>• Corporate Employment for 260 People</li> <li>• Employment of 77,000 people in COIZ Companies</li> <li>• Electricity, Water, Natural Gas Supply and Infrastructure Services for 253 Companies in the Region</li> <li>• Road Construction, Maintenance and Repair of 70 km Highway Standard in COIZ</li> <li>• 31 Companies from COSB in TIM (Turkey Exporters Assembly) in 2018 Research</li> <li>• 20 Companies from COIZ in the top 500 in ISO (Istanbul Chamber of Industry) 2018 Research</li> <li>• 17 Companies from COIZ in the second 500 in ISO (Istanbul Chamber of Industry) 2018 Research</li> </ul>			<ul style="list-style-type: none"> <li>• Establishment of Data Center for Participating Companies</li> <li>• Developing Software and Applications for Digital Transformation as an Enterprise</li> </ul>
<b>Social Studies</b>	<ul style="list-style-type: none"> <li>• Social Security Law No.5510</li> <li>• Occupational Health and Safety Law No.2872</li> <li>• Protection of Personal Data Law No.6698</li> <li>• EPDK-Energy Market Regulatory Authority Legislation</li> <li>• Republic of Turkey Ministry of Energy and Natural Resources Legislation</li> <li>• Chamber of Electrical Engineers Legislation</li> <li>• Chamber of Mechanical Engineers Legislation</li> </ul>	<ul style="list-style-type: none"> <li>• ISO 9001 Quality Management</li> <li>• ISO 50001 Energy Management System</li> <li>• ISO IEC 17025 Laboratory Accreditation</li> </ul>	<ul style="list-style-type: none"> <li>• Private COIZ Vocational and Technical Anatolian High School with the Capacity of 1200 Students</li> <li>• Special COIZ Nursery and Day Care House with the Capacity of 240 Students</li> <li>• 470 person Capacity COIZ Conference Hall</li> <li>• COIZ Scada Monitoring System</li> <li>• COIZ Camera Tracking Monitoring System</li> <li>• COIZ Social Facilities (Football Field, Tennis Court and Restaurant)</li> <li>• COIZ Trade Blocks</li> <li>• COIZ Fire Department</li> <li>• 7/24 Ambulance</li> <li>• COSB Truck Park</li> <li>• COSB Meeting Room</li> <li>• COIZ Private Employment Agency</li> <li>• Eximbank Representative Office</li> <li>• Regional Road Cleaning</li> <li>• Special Equipment in Snow Removal</li> <li>• Security</li> <li>• Organising Theater, Concerts, Shows, Etc. for Participating Companies</li> <li>• Social and Economic Support for Disabled People</li> <li>• Fire Protection and Environmental Trainings for Children of Citizens Living in Nearby Settlements, Painting and Composition Competitions</li> <li>• Firefighting Trainings for Firms</li> </ul>	88	84	<ul style="list-style-type: none"> <li>• Workplace Project for Mentally Disabled People (ZEKA)</li> <li>• Establishment of Digital Transformation Training and Consultancy Center in Industry</li> <li>• Establishment of ISO 27001 Information Security System in COIZ</li> <li>• Establishment of ISO 14001 Environmental Management System in COIZ</li> <li>• Establishment of Social Responsibility System in COIZ</li> <li>• Projects to Improve Relations with Participating Companies and Other Stakeholders</li> </ul>
<b>Environmental Studies</b>	<ul style="list-style-type: none"> <li>• Environmental Legislation</li> <li>• Building Control Legislation No.4708</li> <li>• TMMOB-Union of Chambers of Turkish Engineers and Architects Legislation</li> </ul>		<ul style="list-style-type: none"> <li>• Construction and Operation of 80.000 m<sup>3</sup> / day Capacity Wastewater Treatment Plant</li> <li>• Waste Water Infrastructure Facilities Management in COIZ</li> <li>• Monitoring Emissions</li> <li>• Monitoring of Electricity, Water, Natural Gas and Wastewater Data of Participating Companies in COIZ and Monitoring of Lost Leak Rates in this Area</li> <li>• Monitoring of Environmental Protection Licenses and Construction and Zoning Permits of Participating Companies</li> <li>• Tree Planting and Recreation Area Studies</li> <li>• Accredited (IEC 17025) Chemistry Laboratory Studies</li> <li>• ISO 50001 Energy Management System Energy Efficiency Applications</li> <li>• Works done for Increasing green spaces in 679.000 m<sup>2</sup> Area within COIZ Boundaries</li> <li>• Installation of LED Lighting System within the scope of Energy Efficiency in COIZ Streets</li> <li>• Air Quality Monitoring with Automatic Devices</li> </ul>			<ul style="list-style-type: none"> <li>• Construction of Dam for Water Use of Participating Companies</li> <li>• Connection of Treated Waste Water to Marmara Deep Sea Discharge System Project</li> <li>• Renewal and Development of Electricity Distribution System Within the Region</li> <li>• 100.000 New Tree Sapling Planting Project</li> </ul>

## GENERAL PERFORMANCE CHARTS

Economic Studies	Total Area Size of COIZ	1.251 ha
	Total Number of Participating Companies in COIZ	253 Company
	Total Employment	77.000 People
	Occupancy Rate (Parcel Area)	94%
	Number of Companies with More Than 250 Employees	54 Company
	Total Turnover of Participating Companies in COIZ	\$ 20,6 Billion
	Exports of Participating Companies in COIZ	\$ 3.5 Billion
	TIM (Turkey Exporters Assembly) Survey of Firms Number of COIZ (2018)	31 Companies
	Number of COIZ Companies in the Top 500 in ISO (Istanbul Chamber of Industry) Research (2018)	20 Companies
	Number of COIZ Companies in the second 500 in ISO (Istanbul Chamber of Industry) Research (2018)	17 Companies
Social Studies	COIZ Vocational and Technical Anatolian High School Capacity	1.200 Students
	COIZ Nursery and Day Care Center Capacity	240 Children
	COIZ Conference Hall Capacity	470 People
	COIZ Camera Tracking System - Number of Cameras	376 Pieces
	COIZ Social Facilities (Football Field, Tennis Court and Restaurant)	YES
	COIZ Trade Blocks	YES
	COIZ Fire Department (Including Emergency Rescue)	YES
	COIZ Truck Parking Service	2 Pieces
	COIZ Meeting Room Service	YES
	COIZ Private Employment Office	YES
	COIZ Accredited Laboratory Service	YES
	Eximbank Representation Office	YES
	Organization Work of Theater, Concert etc. for Participating Companies and Citizens	YES
	Cleaning, Maintenance and Repairment in Streets of COIZ and Snow Removal Works	YES
	Number of Students who are Given Annual Fire-Environment Training	1.500 Students
Environmental Studies	ÇOSB Common Waste Water Treatment Plant	YES
	Environmental Management Unit and Personnel Responsible for Environmental Activities	YES
	Energy Management Unit and Energy Saving Applications at COIZ	YES
	Capacity of Waste Water Treatment Plant	80.000 m³/day
	Installed Electrical Power of COIZ (MoEF Facilities + COIZ Factories)	746.552 kVA
	Flue Gas Emission Measurements	YES
	Air Quality Measurements	YES
	Rate of Treated Industrial Waste Water	100%
	Electricity Loss - Leak Rate Used in COIZ	0,24%
	Water Loss - Leakage Rate used in COIZ	0,44%
	Quality Certificates of COIZ	ISO 9001, ISO 50001
	LED Luminaire Ratio used in COIZ	80%
	Amount of Green Space in COIZ Limits	679.033 m²
	Number of Planted Trees in COIZ Borders	18.320 Pieces
	Number of Planted Trees Outside the Region by COIZ	100.000 Pieces
	Electricity, Water, Natural Gas, Road etc given to participants by COIZ Infrastructure Service	YES
	Penalties Sentenced to COIZ within the Scope of Environmental Legislation in 2018	NO





## ECONOMICAL PERFORMANCE INDICATORS

### • Corporate Figures of COIZ

	2016	2017	2018
COIZ Economical Value Created (TL) (Gross Sales)	485.049.227	515.465.367	763.753.384
Waste Water Treatment Plant Annual Operating Expenses (TL) <sup>a</sup>	7.611.464	9.132.132	14.126.609
Investment Amount (TL) <sup>b</sup>	53.872.956	48.116.622	61.100.095

### • Electricity, Water and Natural Gas Consumption of Participating Companies<sup>c</sup>

	2016	2017	2018
Electricity Consumption kWh	1.300.207.363	1.366.745.011	1.524.951.172
Water Consumption m <sup>3</sup>	27.736.816	28.529.677	30.097.834
Natural Gas Sm <sup>3</sup>	200.711.461	210.040.042	213.003.071

<sup>a</sup>: In the table, "Annual Operating Expenses of Waste Water Treatment Plant" is due to the treatment of industrial waste water from 253 companies in the COIZ Treatment Plant with a capacity of 80.000 m<sup>3</sup>/day.

<sup>b</sup>: The figures indicated in the table as "Amount of Investment" data; 28,034,947 TL in 2016, 25,890,049 TL in 2017 and 17,606,032 TL in 2018 and TL are investments made for the "Tekirdağ Marmara Deep Sea Discharge System".

<sup>c</sup>: Electricity, water and natural gas consumption values in the table are the energy consumption amounts used by the participating companies operating in 2016, 2017 and 2018 within the COIZ.

## ENVIRONMENTAL PERFORMANCE INDICATORS

Total Waste		COIZ Treatment Plants (Including Treatment)		
By Type	Unit	2016	2017	2018
Hazardous Wastes*	Ton	1,01	1,5	2,7
Non-Hazardous Wastes*	Ton	19.139	18.275	19.126
Total Waste	Ton	19.140	18.277	19.129
By Disposal Method	Unit	2016	2017	2018
Recycle	Ton	-	-	-
Regain	Ton	19.140	17.611	19.088
Flush	Ton	-	666	41,2
Incineration	Ton	-	-	-
Other Disposal Method	Ton	-	-	-
Total Disposed Waste	Ton	19.140	18.277	19.129

\*: Recycling and disposal of hazardous and non-hazardous wastes in licensed facilities is provided.

### • Carbon Footprint Values

The Carbon Footprint values, determined by COIZ to cover Scope I and Scope II emissions, including our regional directorate and participating companies for the follow-up of greenhouse gas emissions are as follows:

Unit	2016	2017	2018
kg CO <sub>2</sub> e	0,087	0,093	0,087

## SOCIAL PERFORMANCE INDICATORS

### • Corporate Figures of COIZ

LABOR		TOTAL		
By Employment Type	Unit	2016	2017	2018
White Collar - Women	Person	36	47	62
White Collar - Male	Person	64	67	76
Blue Collar - Women	Person	9	8	11
Blue Collar - Male	Person	119	119	116
TOTAL	Person	228	241	265
By Contract Type	Unit	2016	2017	2018
Unspecified Period - Women	Person	24	25	42
Unspecified Period - Male	Person	160	158	163
Fixed Term -Women	Person	21	30	31
Fixed Term - Male	Person	23	28	29
TOTAL	Person	228	241	265

**Note:** The table above shows the total number of employees of COIZ; for 2017, the number of employees of Private COIZ Vocational and Technical Anatolian High School; for 2018, and the number of employees of Private COIZ Vocational and Technical Anatolian High School and Private COIZ Nursery and Day Care Center were included.

OCCUPATIONAL HEALTH AND SAFETY			COIZ			COIZ Vocational and Technical Anatolian High School			Private COIZ Nursery and Day Care Center		
Accidents	Group	Unit	2016	2017	2018	2016	2017	2018	2016	2017	2018
Accident Frequency Ratio	Institution	Rate	2	8	5	1	-	-	-	-	-
	Sub-employer	Rate	-	-	-	-	-	-	-	-	-
Death	Institution	Unit/Year	-	-	-	-	-	-	-	-	-
	Sub-employer	Unit/Year	-	-	-	-	-	-	-	-	-
Lost Days	Group	Unit	2016	2017	2018	2016	2017	2018	2016	2017	2018
Lost Day Rate Due to Work Accidents	Institution	Rate	75	84	11	6	-	-	-	-	-
	Sub-employer	Rate	-	-	-	-	-	-	-	-	-
Lost Day Rate Due to Disease and Other Causes	Institution	Rate	1175	1506	1398	296	-	-	-	-	-
	Sub-employer	Rate	-	-	-	-	-	-	-	-	-

LABOR		TOTAL		
By Gender	Unit	2016	2017	2018
Male	Person	183	187	192
	Rate	%80	%78	%72
Female	Person	45	54	73
	Rate	%20	%22	%28
TOTAL	Person	228	241	265
By Management Category	Unit	2016	2017	2018
Senior Management	Female	1	1	1
	Rate	%11	%14	%14
	Male	8	6	6
	Rate	%89	%86	%86
Intermediate	Female	9	7	8
	Rate	%38	%29	%36
	Male	15	17	14
	Rate	%63	%71	%64
Other	Female	4	4	5
	Rate	%29	%40	%36
	Male	10	6	9
	Rate	%71	%60	%64
TOPLAM		47	41	43

LABOR			TOTAL		
Other Groups		Unit	2016	2017	2018
Disabled	Female	1	1	1	
	Rate	%13	%17	%13	
	Male	7	5	7	
	Rate	%87	%83	%87	
TOTAL			8	6	8



## AUDIT REPORTS

The briefs, documents, records and information and official books of COIZ are reviewed and reported by the members of the Board of Auditors and Sworn-in Certified Public Accountants approved by the General Assembly in accordance with the OIZ Law. In the Article 32 of the Audit and Responsibility section of the OIZ Implementing Regulation, the phrase “The Ministry is authorized to audit all kinds of accounts and transactions of OIZs and take measures when deemed necessary or upon complaint”.

### • Board of Auditors Report

The members of the Board of Auditors are appointed in accordance with Article 28 of the Implementing Regulation prepared in accordance with the Law No: 4562 on Organized Industrial Zones. The Audit Report of the Accounts (01 January-31 December), prepared by the Board of Auditors after the examination of the information and records of the COIZ, is evaluated on the agenda of the General Assembly.

### • Certified Public Accountant Report

At the end of each year, “Certified Public Accountant Audit Report” which is prepared by the Sworn Certified Public Accountant, by evaluating COIZ’s brief papers, documents and books, bank accounts, collection of industrial participants and related transactions in accordance with the Law No. 4562 and regulations and the relevant Financial Legislation and Generally Accepted Accounting Principles, is evaluated on the agenda of the General Assembly.

The audit report of the year 2018, prepared by the Certified Public Accountant of COIZ states that “there is no irregularity, corruption or any other violation of legislation in the accounting transactions and it is concluded that the legal and administrative obligations are fulfilled”.

### COIZ Financial Audit Report 2018 (January 1 - December 31)

The audit results of the documents and records of the Board of Auditors Çerkezköy Organized Industrial Zone and the results of the inspections included in their duties pursuant to Article 46 of the Regulation on the Implementation of Organized Industrial Zones are listed below.

#### INVESTIGATION OF DOCUMENTS AND RECORDS:

1. As a result of the control of the collection and consumption documents made by sampling method, it has been seen that they are regularly written in the legal books and in accordance with the provisions of the Tax Procedures Law, and no damage or irregularity was found in the documents and books.
  2. The balance sheet of Çerkezköy Organized Industrial Zone as of 01.01.2018 - 31.12.2018 is attached.
  3. Purchasing of consumables was taken with the decision of the Board of Directors and the approval of the District Business Manager.
  4. It is seen that Balance sheet and result accounts for 2018 are in compliance with the monthly balance sheet and result accounts and an agreement was reached.
  5. Balance sheet and year-end balance sheet was prepared in accordance with the documents.
  6. By the end of the year (31.12.2018), cash counts were made and it was found to be in compliance with the records.
- No damage or irregularity was found in the documents and books. It was decided to approve the 2018, December books and documents as normal.

#### 08/02/2019 - BOARD OF AUDITORS

**Zeki DİNÇ**  
Member of the Board of Auditors



**Hakan GERDAN**  
Member of the Board of Auditors



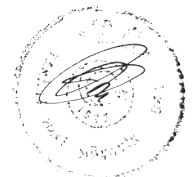
### Certified Public Accountant Audit Report Within The Scope Of The O.I.Z. Law No. 4562

#### V. R E S U L T :

As of 31.12.2018, as a result of examination of papers, documents and books, bank accounts, purchases, collections from industrialists and related transactions of Çerkezköy Organized Industrial Zone by sampling method within the framework of Financial Legislation and Generally Accepted Accounting Principles; Ministry of Science, Industry and Technology Laws and regulations No. 4562;

- The transactions are in compliance with the provisions of the legislation,
- The assets and liabilities accurately represent the actual situation,
- There is no irregularity, corruption or other violation of legislation in accounting accounts and transactions,
- It has been decided that the necessity of legal or administrative obligations are concluded and fulfilled.

**Şükrü AYDIN**  
Certified Public Accountant



### • Corporate Memberships



#### **OIZ Senior Organization (OSBÜK) Membership**

COIZ is a member of the OSBÜK, which is established to ensure coordination between the Ministry and OIZs and to fulfill the duties assigned by the Ministry, in accordance with the OIZ Implementation Regulation Article 82.



#### **Organized Industrial Zones Association (OSBDER) Membership**

COIZ is a member of OSBDER, which was established in 2008 to seek solutions to common problems of OIZs and to ensure effective communication and cooperation between OIZs.



#### **Turkey UN Global Compact Initiative (United Nations Global Compact Initiative)**

The COIZ has signed the UN Global Compact by committing to comply with the ten basic principles of human rights, working conditions, environmental protection and anti-corruption.



## OUR CERTIFICATES



## CONTACT INFORMATION

**ADDRESS** Çerkezköy Organize Sanayi Bölge Müdürlüğü  
İsmetpaşa Mahallesi Fatih Bulvarı No: 6  
59510 Kapaklı/TEKİRDAĞ/TURKEY

Phone: +90 282 7581156  
Fax: +90 (282) 7581160  
cosb@cosb.org.tr  
www.cosb.org.tr

**To Send Comments And  
Suggestions About The Report** kurumsaliletisim@cosb.org.tr

**Sustainability Reporting Study** **Gökhan İNCE** (Phd.)  
COIZ Corporate Communications Manager

**Collecting Data and Photos** **Hüseyin ÇOLAK**  
COIZ Broadcast Executive

**Design** **Fatma KARAMAN**  
COIZ Corporate Communications Responsible

**1. Edition** September 2019 - Çerkezköy

### LEGAL WARNING

The information contained in the COIZ Sustainability Report is written for informational purposes using accurate and reliable sources. The COIZ Sustainability Report is not intended to form the basis for any investment decision. COIZ managers and employees are not responsible for any damages arising from the use of the information contained in this report. All rights of this report belong to COIZ.



## REFERENCES

- 1 Çerkezköy Organize Sanayi Bölgesi 2018-2022 Stratejik Planı, COIZ, 2018
- 2 Anahtar Dergisi, T.C. Sanayi ve Teknoloji Bakanlığı, Eylül 2015
- 3 Development of International Standardized Approach for Eco-Industrial Parks, Smail Alhilali, pdf, 15 March 2017
- 4 Global Assesment of Eco-Industrial Parks, UNIDO (United Nations Industrial Development Organization), 2016
- 5 An International Framework for Eco-Industrial Parks, United Nations Industrial Development Organization (UNIDO), WorldBank Group, giz, December 2017
- 6 Türkiye'nin Sanayi Devrimi-Dijital Türkiye Yol Haritası, T.C. Sanayi ve Teknoloji Bakanlığı, Haziran 2018
- 7 Sanayide Dijital Dönüşüm Eğitim ve Danışmanlık Merkezi Fizibilite Raporu, Trakya Kalkınma Ajansı-Çerkezköy Organize Sanayi Bölgesi-T.C. Sanayi ve Teknoloji Bakanlığı, 2018
- 8 Türkiye İçin Yeşil Organize Sanayi Bölgesi (OSB) Çerçevesi Geliştirilmesi Projesi Yönetici Özeti, T.C. Bilim, Sanayi ve Teknoloji Bakanlığı, Temiz Üretim Bilgi Platformu, [www.temizuretim.gov.tr](http://www.temizuretim.gov.tr)
- 9 Implemantation Handbook for Eco-Industrial Park, United Nations Industrial Development Organization, 2017
- 10 TR21 Trakya Bölge Planı 2014-2023, Trakya Kalkınma Ajansı, 2017
- 11 Bölgesel Kalkınma Dinamikleri: Tekirdağ İçin Plansız Sanayileşme Tuzağından Çıkış Stratejileri ve 2023 Senaryoları, Trakya Kalkınma Ajansı, 2015
- 12 İllerin ve Bölgelerin Sosyo-Ekonomik Gelişmişlik Sıralaması Araştırması (SEGE 2011), T.C. Kalkınma Bakanlığı, 2013
- 13 Guidelines for Sustainable Industrial Areas (SIA), Version 1.0, giz, October 2015
- 14 TR21 Trakya Bölgesi Mevcut Durum Analizi, Trakya Kalkınma Ajansı, Haziran 2013
- 15 TR21 Trakya Bölgesi Endüstriyel Simbiyoz Potansiyeli, Trakya Kalkınma Ajansı, 2016
- 16 Çerkezköy Organize Sanayi Bölgesi Karbon Ayak İzi Raporu 2016-2017, ÇOSB, 2018
- 17 Borusan, 2015 Sürdürülebilirlik Raporu
- 18 Kordsa, 2016 Sürdürülebilirlik Raporu
- 19 Polisan Holding, 2016 Sürdürülebilirlik Raporu
- 20 Süttaş Süt Ürünleri A.Ş., 2015 Sürdürülebilirlik Raporu
- 21 4562 Sayılı OSB Kanun ve Yönetmeliği
- 22 OSB Yer Seçimi Yönetmeliği
- 23 Çerkezköy Organize Sanayi Bölgesi Çevre Yönetim Çalışmaları Dokümantasyonu, ÇOSB, 2018
- 24 Çerkezköy Organize Sanayi Bölgesi 2019 Bütçe Tasarısı, ÇOSB, 2019
- 25 100 Maddede Sürdürülebilirlik Rehberi, SKD Sürdürülebilir Kalkınma Derneği, 2016
- 26 SKD Türkiye 2017 Raporu - Reporting Matters, Sürdürülebilir Kalkınma Derneği, 2018



WE PRODUCE  
**FOR OUR COUNTRY,**  
WE DEVELOP  
**FOR OUR PEOPLE...**

ISBN 978-605-7887-04-7



9 786057 887047