

# Entrance Training of SUSTAINABILTY MANAGEMENT

# Aim and Content

Through this training presentation, it was aimed to promote sustainability and give information about our company's activities in the field of sustainability to our stakeholders

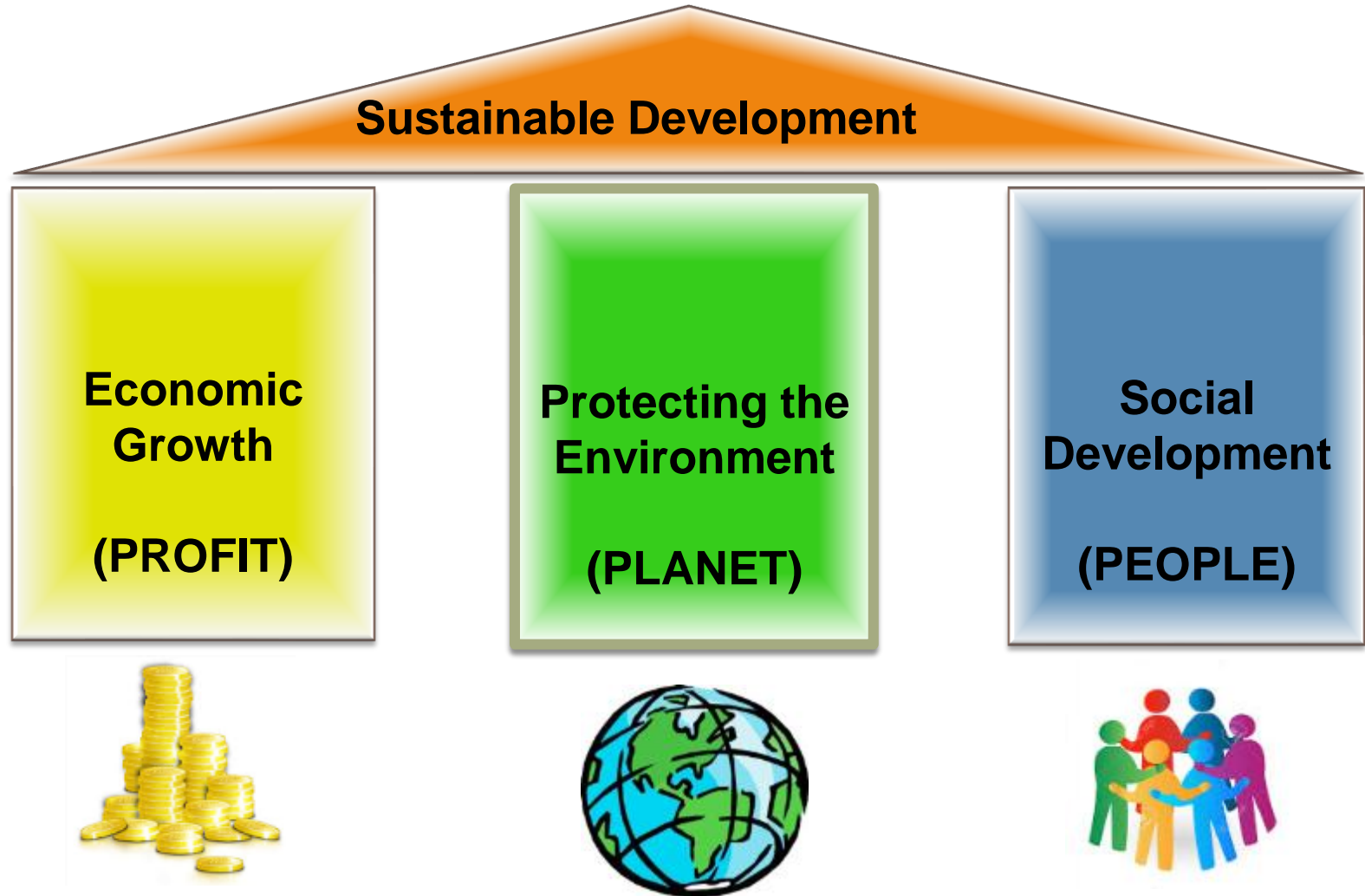


# What is Sustainable Development?

"Development that meets the needs of the present without compromising the ability of future generations to meet their own needs."



# Sustainable Development= 3P



# SUSTAINABILITY MILESTONES

STEPS TAKEN FOR A BETTER FUTURE FROM PAST TO PRESENT



## 1945 – UN ESTABLISHMENT

Establishment of the United Nations, laying the foundation for global cooperation and peace.



## 1972 – UNEP CONFERENCE

United Nations Environment Programme (UNEP) founded after the Stockholm Conference.



## 1976 – HABITAT I

First UN Conference on Human Settlements held in Vancouver.



## 1992 – RIO EARTH SUMMIT ENVIRONMENT AND DEVELOPMENT

Global roadmap for environment and sustainable development established (Agenda 21).



## 1996 – HABITAT II

Istanbul conference established a new framework for sustainable cities.



## 2000 – UN MDGS (8 GOALS) & UN GLOBAL COMPACT

Millennium Development Goals (8 goals) adopted and UN Global Compact launched.



## 2008 – GLOBAL FINANCIAL CRISIS

Demonstrated the importance of sustainable and resilient economic systems.



## 2012 – RIO+20 SUMMIT

Green economy and sustainable development returned to the center of the global agenda.



## 2015 – COP 21 PARIS AGREEMENT

Historic global climate agreement adopted in Paris.



## 2019 – PARIS CLIMATE TARGET (1.5 °C)

Global commitment strengthened to limit warming to 1.5 °C.



## 2050 – NET ZERO

Target year for carbon neutrality and net-zero emissions worldwide.



## 1971 – WEF & NASDAQ

World Economic Forum established; NASDAQ stock exchange launched.



## 1974 – OIL CRISIS

Highlighted energy vulnerability and resource efficiency issues globally.



## 1987 – BRUNDTLAND REPORT “OUR COMMON FUTURE”

Introduced the modern concept of sustainable development.



## 1994 – UNFCCC

United Nations Framework Convention on Climate Change entered into force.



## 1997 – GRI REPORTING

Global Reporting Initiative (GRI) launched sustainability reporting standards.



## 2001 – 9/17 ATTACKS

Shifted global focus toward resilience, security, and international cooperation.



## 2009 – COP15 SUMMIT

International climate negotiations intensified in Copenhagen.



## 2015 – UN SDGS (17 GOALS)

Adoption of the Sustainable Development Goals (17 goals) as a universal call to action.



## 2016 – HABITAT III

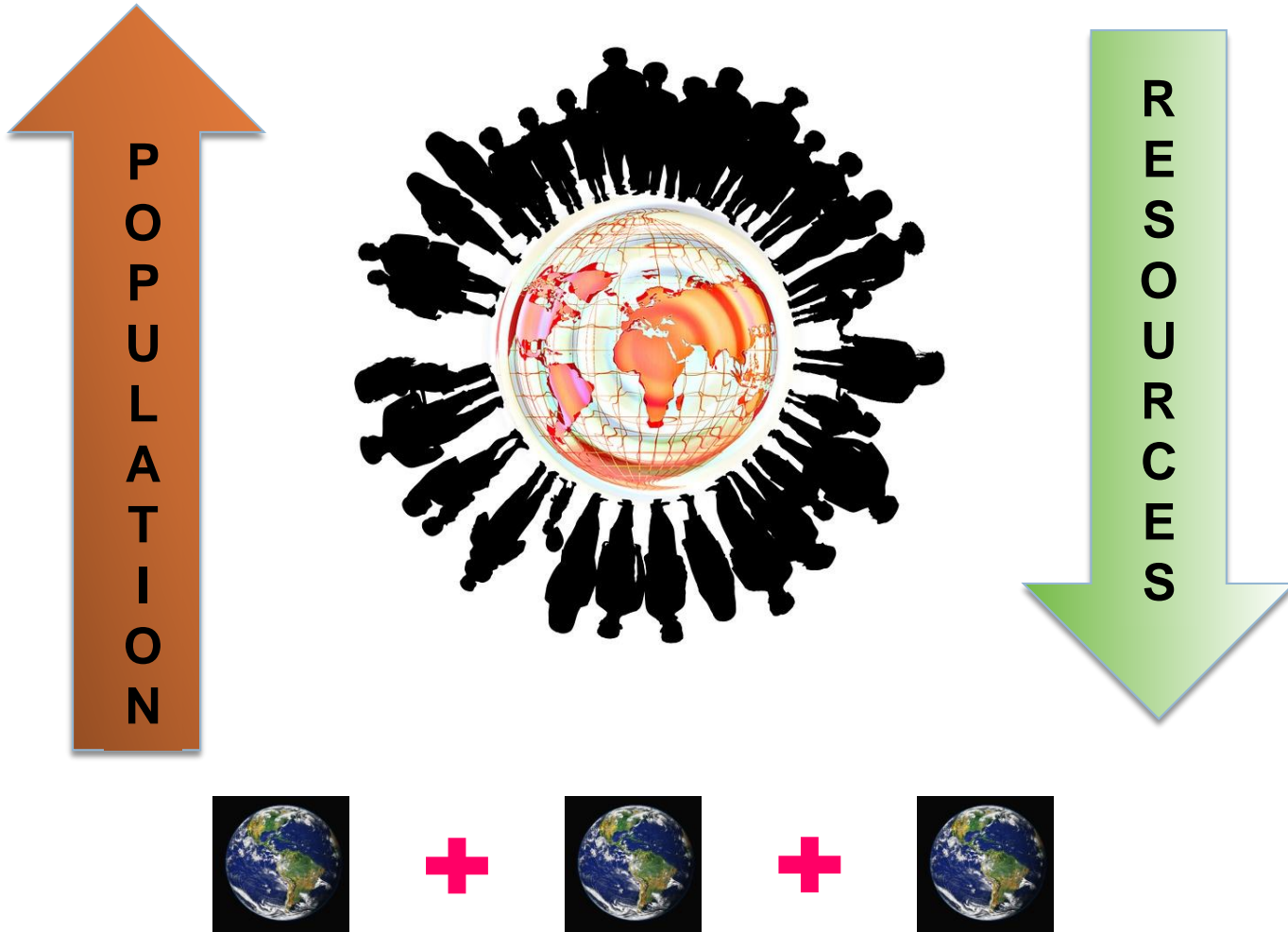
New Urban Agenda adopted in Quito for sustainable urbanization.



## 2030 – GOALS

Critical milestone year for achieving Sustainable Development Goals.

# Why?



# Global Issues: Climate Change

Greenhouse gases accumulate in the atmosphere as a result of burning fossil fuels used in heating, transportation and industrial processes is causing global climate change. Other human activities such as land use and deforestation accelerate climate change.



**Climate Change  
Scenario Result**



**Between 1990-2100  
years, is predicted to  
increase by 1,4 - 5,8°C**



# Climate Change

Climate change may cause heavy rainfall.



# Climate Change

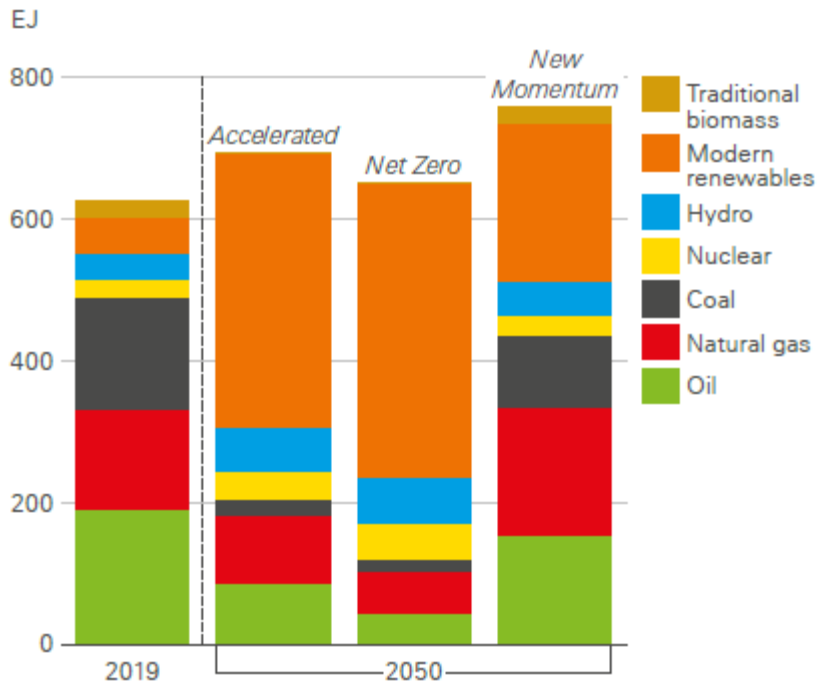
Climate changes cause droughts..



# World Energy Consumption

Very little of the world's energy consumption comes from renewable energy sources. Natural resources are rapidly consumed.

Primary energy by fuel



# World Energy Consumption

This photo taken from the satellite shows where the world's electricity energy is concentrated.



# Global Issues: Food Safety

One of the biggest problems in the world that its population has exceeded 8 billion is Food Safety.

- 870 million people a year are undernourished.
- According to the United Nations Food and Agriculture Organization (FOA), 1.3 billion tons of food is wasted.

**Projects should be developed and supported to reduce food waste and squander in worldwide.**



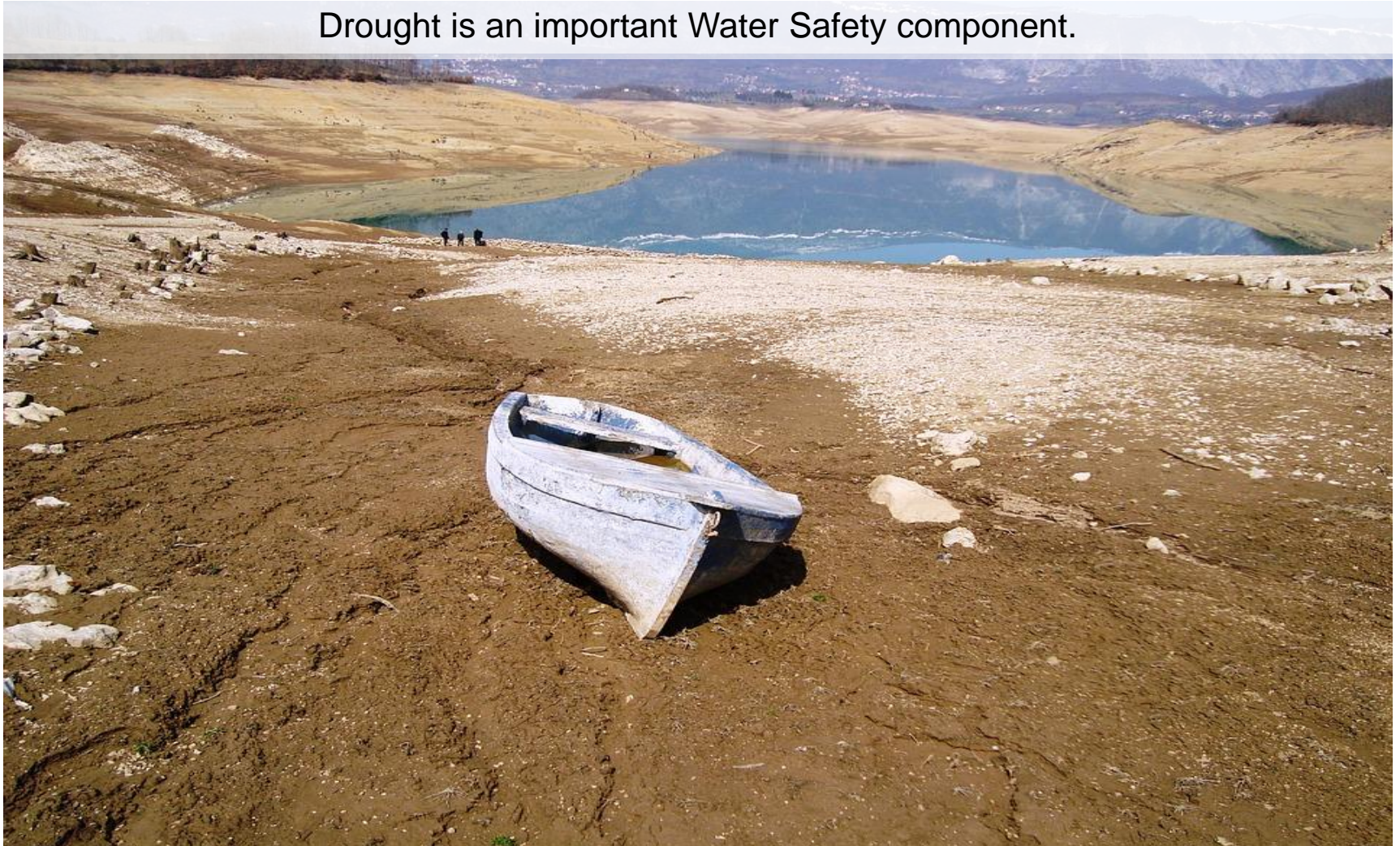
# Global Issues: Water Security

Water security has been defined as "the reliable availability of an acceptable quantity and quality of water for health, livelihoods and production, coupled with an acceptable level of water-related risks"



# Global Issues: Water Security

Drought is an important Water Safety component.



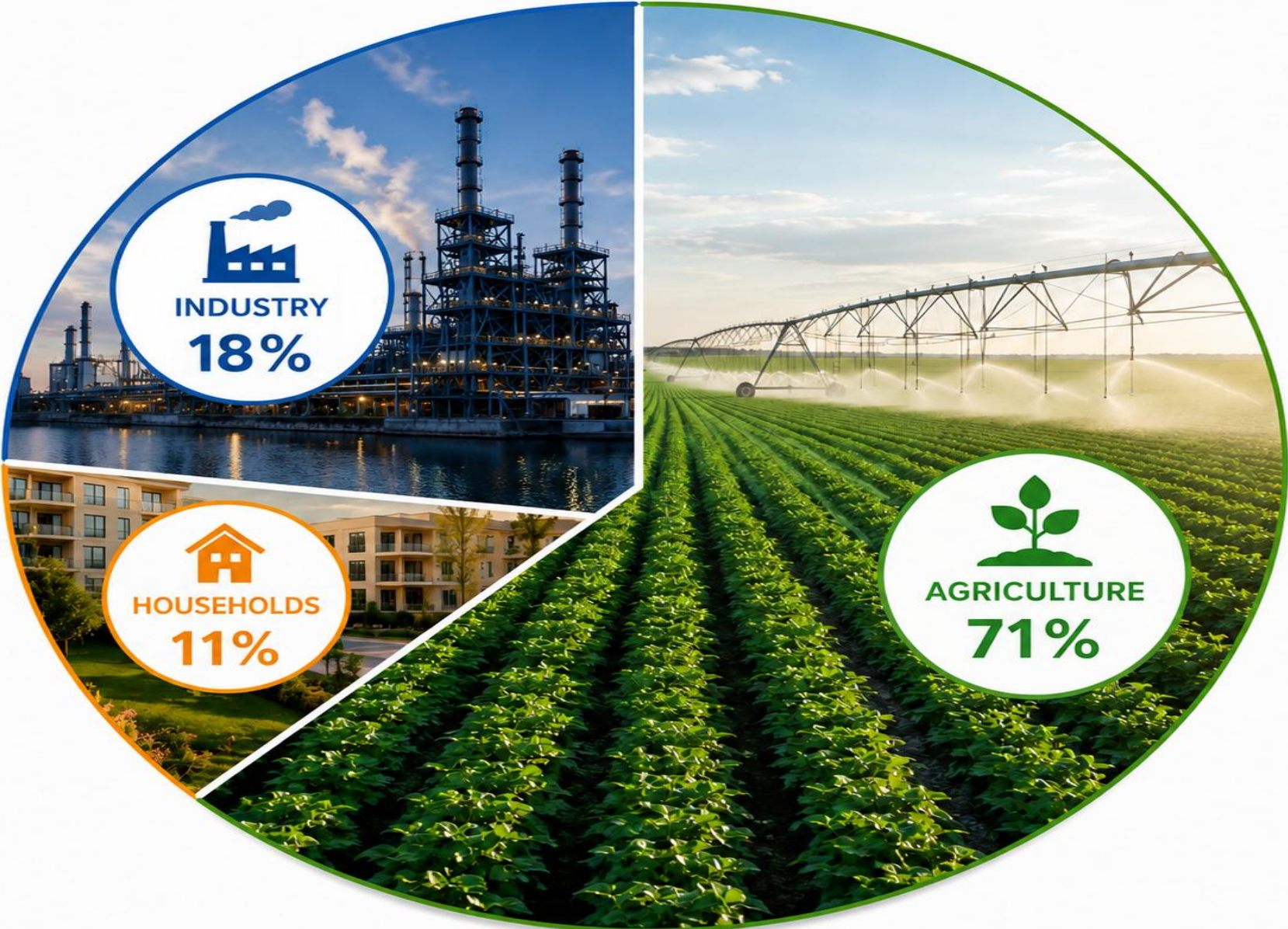
# Global Issues: Water Security

Apart from drought, the floods is also an important water safety factor that negatively affects people's lives.



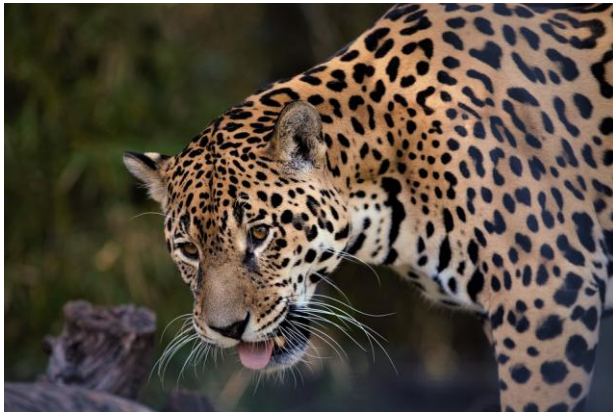
# 2025 GLOBAL WATER USE BY SECTOR

Distribution of global freshwater withdrawals by sector



Source: UN Water, FAO AQUASTAT, World Bank (2025)

# BIODIVERSITY



# Global Issues: Decreasing of Biodiversity

All the creatures in the ecosystem are connected to one another. Many life species including humans are negatively affected by decrease in species.



# Mass Extinction.

- They are referred to as periods in world history when a large number of unusual species disappeared at the same time or in a limited period of time.
- There have been 5 mass extinctions in the world.
- According to the studies, the 6th mass extinction caused by human beings, the **Anthropogenic** period started.



# Biodiversity Reports



Since 2013, we have been monitoring the biodiversity around our facilities. Our biodiversity studies are published on our website.

[https://www.icdas.com.tr/pages/8925/2716/f/tr-TR/Biyocesitlilik\\_Calismalari.aspx](https://www.icdas.com.tr/pages/8925/2716/f/tr-TR/Biyocesitlilik_Calismalari.aspx)

# Global Issues: Wastes

Waste generates significant amounts of emissions as well as causing pollution both in the environment and in water resources.



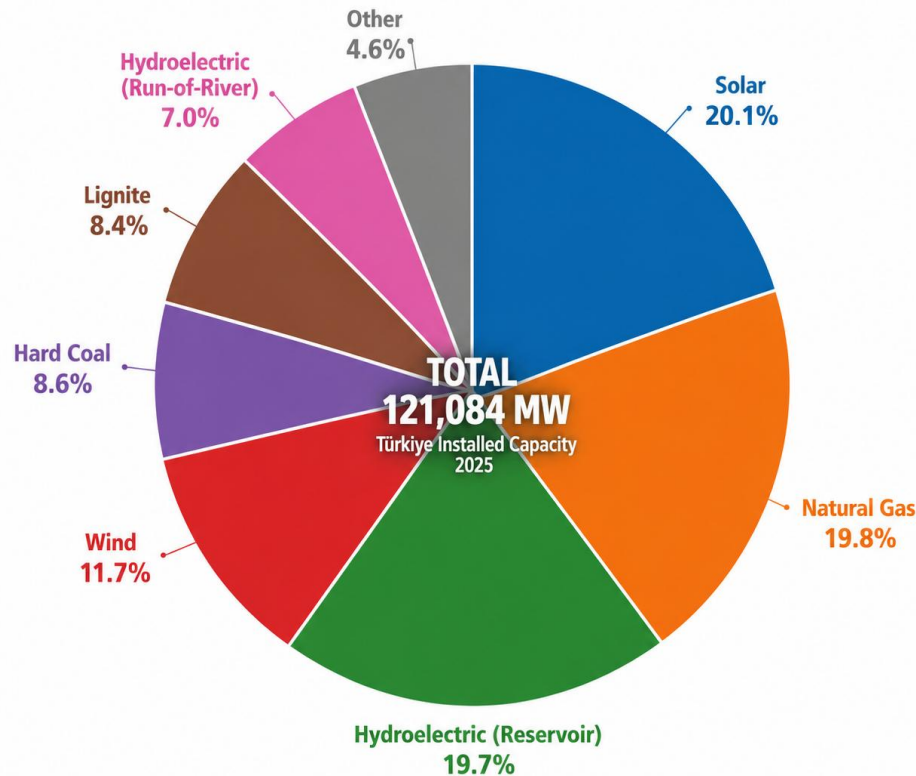
# Global Issues: Energy Security

Energy security; It is expressed as continuous consumption of energy in clean and in various appropriate quantities and with high efficiency. Turkey is dependent on external sources to meet its energy needs.



# Turkey's Electric Energy Resources

## TÜRKİYE ELECTRICITY INSTALLED CAPACITY DISTRIBUTION



Source: TEİAŞ 2025 Data

Carbon-based and imported energy constitutes a risk factor in terms of **Energy Security**.

# Global Issues: Women and Children's Rights

Women's and children's rights are protected by the law and international agreements.



# What should be the Business World Perspective?



## Sustainable Development

To balance the business world and the needs of human life with the **sustainability of natural resources.**

When doing this, to be behave **responsible to employee and society** and **invest in their development.**

# GRI Global Reporting Initiative



**NEW GRI STANDARDS**

Non-profit NGO / Amsterdam

Sustainability Reporting

95% of the reporting people prefer

**İÇDAŞ A.Ş. has been preparing the sustainability report in accordance with GRI standards since 2011.**

# UN Sustainable Development Goals



## SUSTAINABLE DEVELOPMENT GOALS

17 GOALS TO TRANSFORM OUR WORLD



**İÇDAŞ A.Ş. has been reporting on activities that supporting the UN Sustainable Development Goals since 2016.**



# Certification Authority for Reinforcing Steels (CARES)



Sustainable Steel Production

Fully Traceable Production

Reducing Risk in the Supply Chain

Continuous Improvement

**İÇDAŞ A.Ş. has been continuing to produce sustainable steel production in accordance to CARES Sustainability Standards since 2011.**

# Other Initiatives

## Calculation of Carbon Emissions

### CARBON DISCLOSURE PROJECT



International  
Organization for  
Standardization

### ISO 14064-1 Greenhouse Gas Emission Verification Standard

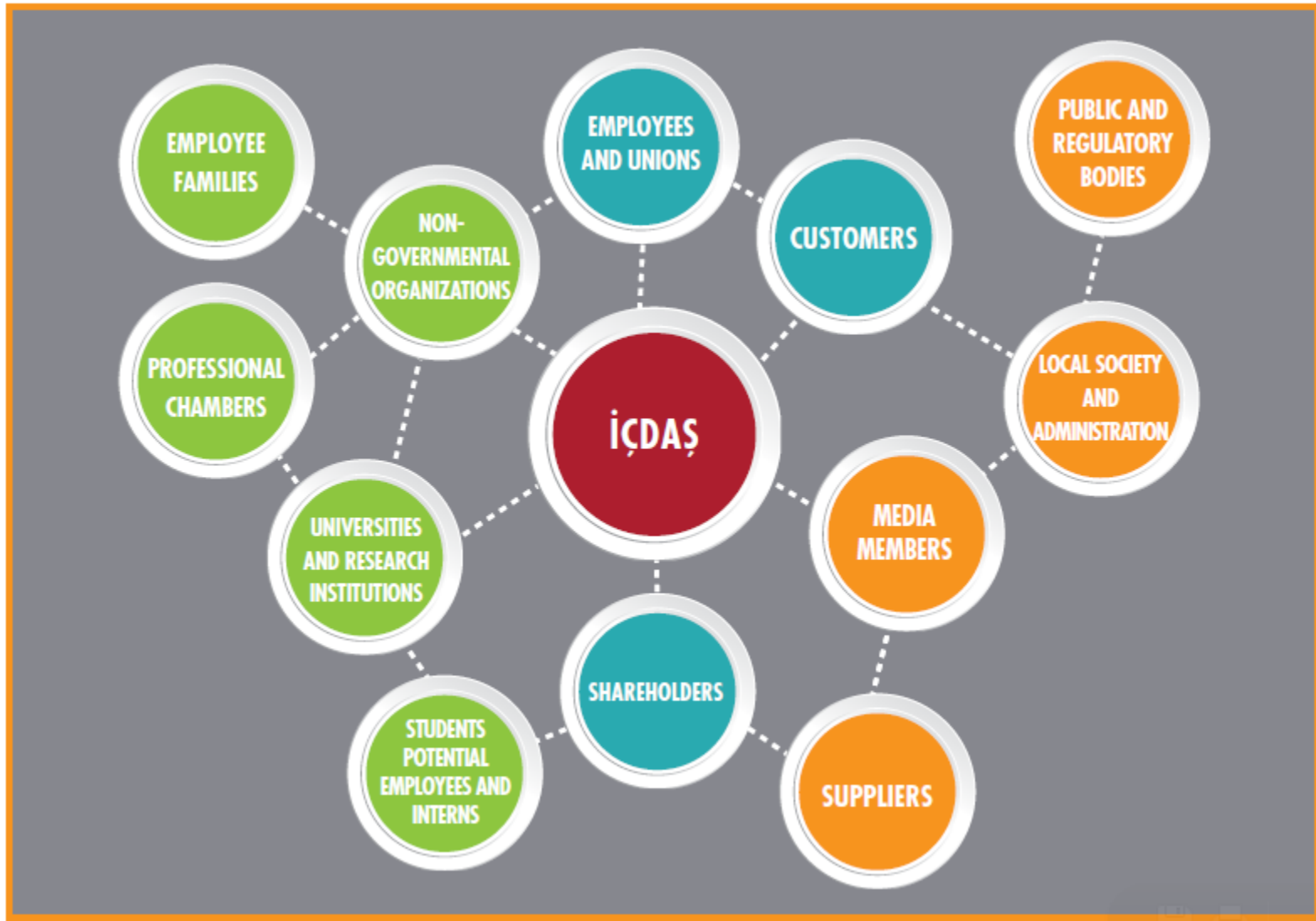


The Greenhouse Gas Protocol Initiative  
*The foundation for sound and sustainable climate strategies*

### GHG - Greenhouse Gas Emissions Protocol

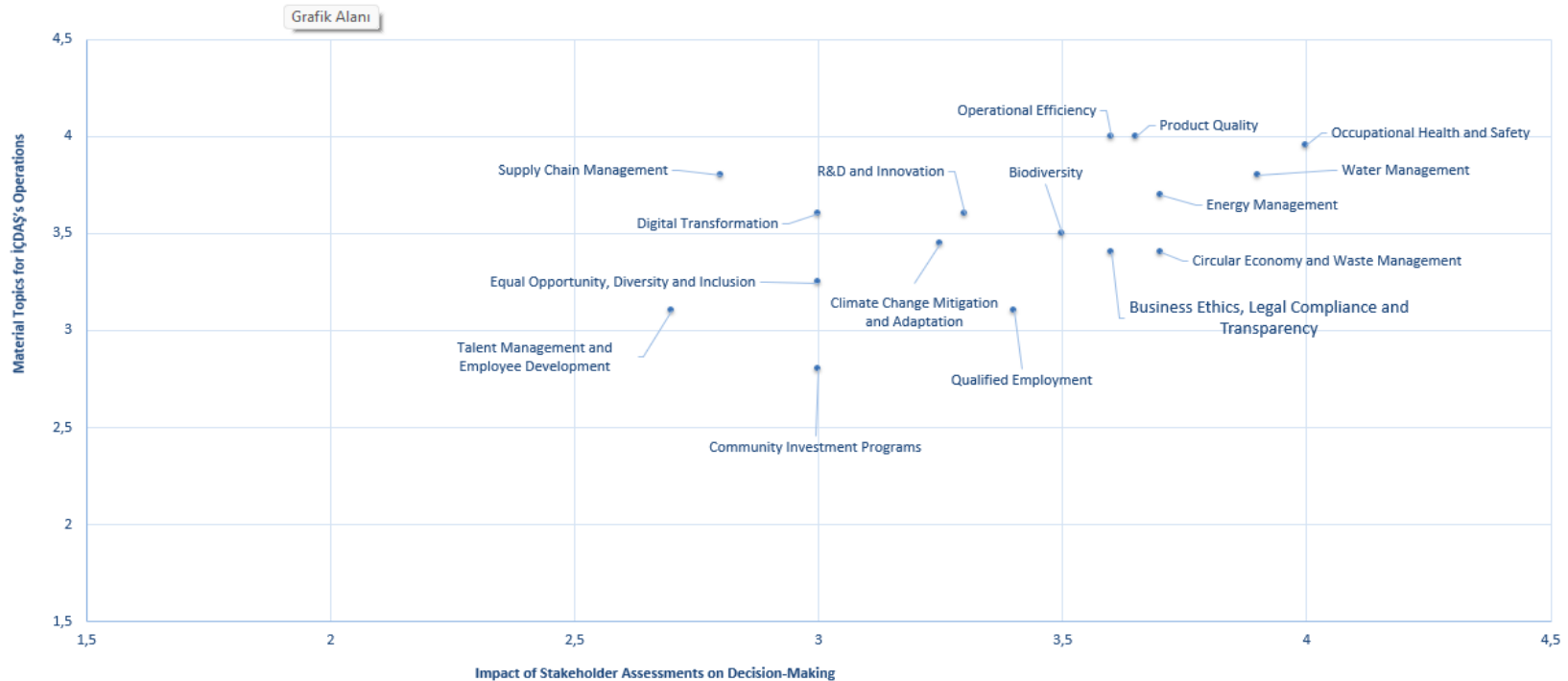
**IÇDAŞ A.Ş. has been watching greenhouse gases since 2003.**

# İÇDAŞ Stakeholder Map



# IÇDAŞ Strategic Sustainability Elements Matrix

We have identified the impact and importance our Strategic Sustainability Elements' influence on the stakeholders and company. We monitor and review these elements regularly.

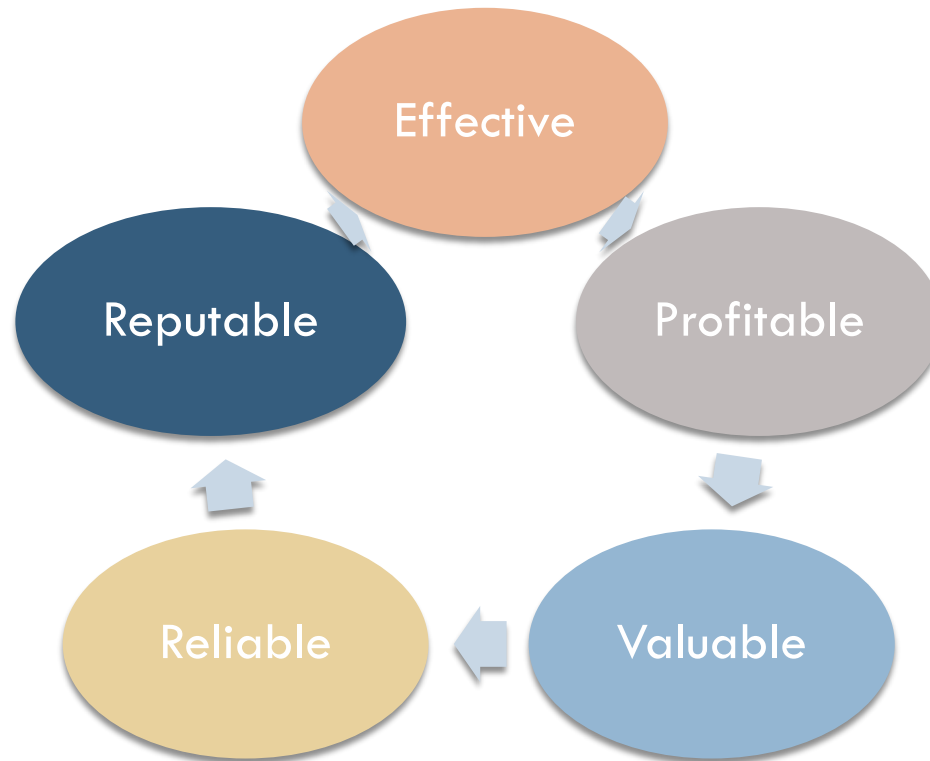


# ICDAS Strategic Sustainability Elements Matrix

Internal Stakeholders	Climate Change Mitigation and Adaptation	Energy Management	Water Management	Biodiversity	Business Ethics, Legal Compliance and Transparency	R&D and Innovation	Supply Chain Management	Circular Economy and Waste Management	Product Quality	Digital Transformation	Operational Efficiency	Talent Management and Employee Development	Occupational Health and Safety	Equal Opportunity, Diversity and Inclusion	Community Investment Programs	Qualified Employment
Very High Priority	239	278	295	251	239	232	193	236	323	217	255	229	322	236	175	224
High Priority	188	194	172	182	189	206	198	215	175	202	180	194	171	176	195	193
Priority	125	120	123	145	145	146	166	137	119	154	150	146	120	153	174	158
Not a Priority	19	5	11	15	23	14	19	17	9	17	15	33	15	34	25	28
No Opinion	214	252	265	232	220	213	176	216	292	199	233	213	295	221	161	209
External Stakeholders	Climate Change Mitigation and Adaptation	Energy Management	Water Management	Biodiversity	Business Ethics, Legal Compliance and Transparency	R&D and Innovation	Supply Chain Management	Circular Economy and Waste Management	Product Quality	Digital Transformation	Operational Efficiency	Talent Management and Employee Development	Occupational Health and Safety	Equal Opportunity, Diversity and Inclusion	Community Investment Programs	Qualified Employment
Very High Priority	39	45	50	42	46	39	36	44	42	32	33	29	56	38	36	40
High Priority	22	21	16	24	19	23	23	22	24	26	23	30	12	23	17	19
Priority	11	6	6	7	8	10	9	5	6	12	11	11	4	8	16	14
Not a Priority	1	1	0	0	1	0	1	0	0	2	1	2	0	2	3	2
No Opinion	2	2	2	2	1	3	3	4	3	3	3	3	3	2	2	0

# What brings sustainability to you?

- ❑ Reduces threats and multiplies opportunities ...
- ❑ More...



- ❑ Prepares for the future...

# SUSTAINABILITY POLICY



- İÇDAŞ shares its commitments regarding Sustainability Policy with all its stakeholders on its website.
- <https://www.icdas.com.tr/pages/8967/4736/f/en-US/Policies.aspx>

# ICDAS ETHICAL PRINCIPLES POLICY

- İÇDAŞ shares its commitments regarding İçdaş Ethical Principles Policy with all its stakeholders on its website.
- <https://www.icdas.com.tr/pages/8967/4736/f/en-US/Policies.aspx>

# ICDAS SUPPLY CHAIN COMPLIANCE POLICY

- Through the ICDAS Supply Chain Compliance Policy, the organization shares its commitments regarding its expectations from suppliers with all stakeholders on its website, and these commitments are periodically communicated to all suppliers.
- <https://www.icdas.com.tr/pages/8967/4736/f/en-US/Policies.aspx>

# ICDAS ETHICAL PRINCIPLES POLICY

- We would like to point out that İÇDAŞ has an "Internal and External Complaint Procedure" and "Suggestion and Complaint Form", which aims to guide the United Nations Business and Human Rights principles and is designed to include all stakeholders.

# ICDAS ETHICAL PRINCIPLES POLICY

- İÇDAŞ In accordance with the United Nations Business and Human Rights principles;
- The mechanism for addressing internal and external complaints
- The fair evaluation of complaints and the implementation of corrective actions.
- Aiming for traceability and continuous improvement through actions.
- Transparency, fairness, and the mitigation of social risks.

# ICDAS ETHICAL PRINCIPLES POLICY

- While we attach importance to channel diversity and accessibility in the complaint system;
- Telephone
- E-mail
- Complaint forms
- Through the İÇDAŞ website
- All our stakeholders can reach us and establish the necessary communications.

# İÇDAŞ HUMAN RIGHTS POLICY

**Application Field**



Complaints Recorded



Identify roles and responsibilities for complaints



Necessary actions are initiated



Finalized by Responsible Executives

# İÇDAŞ HUMAN RIGHTS POLICY



**0 212 604 04 04**



**[icdas@icdas.com.tr](mailto:icdas@icdas.com.tr)**



**Complaint Form**



**[İÇDAŞ, Contact Form \(icdas.com.tr\)](http://www.icdas.com.tr)**

# İÇDAŞ HUMAN RIGHTS POLICY



İÇDAŞ ÇUKUR İNERJİ HİZMETLERİ VE ULAŞIM SANAYİ A.Ş.

## Contact Form

\* These fields are required.

It is aimed to close the complaint within 60 working days after receipt of the complaint.  
Within 10 days of notifying your complaint, you will receive a response acknowledging receipt of your complaint.

Date	23.07.2024
Feedback Type*	Complaint
Name Surname	
Are you an İÇDAŞ Employee?*	Yes
Employee Number	
Department	
Email	
Phone number	
Notice Note*	

## ÖNERİ VE ŞİKAYET FORMU

Tarih:

- Adı & Soyadı :
- şikayetimi isim belirtmeden dile getirmek istiyorum
- onayım olmadan kimliğimin ifşa edilmesini talep ediyorum

Not: Kimliğinizi izniniz olmadan üçüncü taraflara ifşa etmemeyi tercih edebilirsiniz ve/veya anonim kalabilirsiniz.

### Hangi Yolla Cevap Almak İstersiniz?

Posta ile:

Açık adres:

Telefon ile:

E-posta ile :

İletişime geçilmesini istemiyorum.

\* İletişim bilgilerinizi paylaştığınız takdirde şikayetinizi gönderdikten sonraki 10 gün içinde şikayeti aldığımız kabul eden bir yanıt olacaktır.

\* Şikayetinizin alınmasından sonraki 60 iş günü içinde kapattığımızı amaçlanmaktadır.

### Şikayet Konusu:

- Tek seferlik olay / şikâyet (Tarih: \_\_\_\_\_)
- Bir kereden fazla oldu (kaç kez? \_\_\_\_\_)
- Devam ediyor (Ayrıntıları belirtiniz)

Şikayetleriniz:

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- **Complaints are responded to within 10 days of receipt**
- **It is aimed to finalize complaints within 60 days.**

# ICDAS ETHICAL PRINCIPLES POLICY

An **Ethics Line** and **Ethics Committee** have been established for the investigation of adverse notifications related to ethical principles and social labour principles based on the ICDAS Code of Ethics Policy.

- Our employees shall adopt ethical rules and shall not engage in any conduct contrary to these rules. Compliance with the ICDAS Code of Ethics shall be questioned in all activities carried out and decisions taken.
- In cases of hesitation regarding compliance with the Code of Ethics, the communication channels of the Ethics Line shall be consulted. Confidentiality is essential in all applications.
- Violations of the Code of Ethics are evaluated by the Ethics Committee and, where necessary, by the Disciplinary Committee, and disciplinary sanctions up to and including termination of employment may be imposed on those who commit violations.

Note: All details are included in the **ICDAS Ethical Principles Policy**.

# ICDAS ETHICAL PRINCIPLES POLICY

## Ethics Line

- ❑ Ethics Notification Line on the Website: [www.icdas.com.tr](http://www.icdas.com.tr)
- ❑ E-mail Address: [etik@icdas.com.tr](mailto:etik@icdas.com.tr)
- ❑ WhatsApp Ethics Line: +90 533 790 19 19
- ❑ Ethics Line: +90 533 790 19 19
- ❑ Ethics Line Notification Boxes

There is no obligation to disclose identity when making notifications to the Ethics Line. The identity of the person making the notification shall, in all circumstances, **be kept confidential and shall not be disclosed under any condition.**

# ICDAS ETHICAL PRINCIPLES POLICY

## **Ethics Committee**

The Ethics Committee, operating under the ICDAS Board of Directors, consists of one Chairperson and four members. The Chairperson and members of the Committee are appointed by the Board of Directors. The Chairperson of the Committee is an Independent Member of the ICDAS Board of Directors, and the Deputy Chairperson is the Legal Counsel. The Ethics Committee consists of the following members:

- Independent Member of the Board of Directors
- Legal Counsel
- Human Resources Manager
- Audit, Risk Management and Internal Control Manager

# ICDAS ETHICAL PRINCIPLES POLICY

## **Ethics Committee**

The Chairperson and members of the Ethics Committee shall perform their duties independently from their respective Department Managers and the hierarchy within the organization, without being influenced, and in accordance with the principles of integrity, objectivity, and confidentiality. The working procedures and methods of the Ethics Committee shall be determined through a published procedure. The duties of the Ethics Committee are as follows:

- To resolve conflicts of interest arising within the scope of the Code of Ethics,
- To evaluate notifications submitted through the Ethics Line regarding alleged violations of the Code of Ethics,
- To provide recommendations regarding the methods, procedures, and practices to be followed in cases of ethical violations,
- To submit reports to the Board of Directors every three months regarding ethical violations and measures taken, to submit an annual activity report, and to follow the instructions issued in relation to such matters.

# Ethical Violation Notification



**+90533 790 19 19**



**+90533 790 19 19**



**[etik@icdas.com.tr](mailto:etik@icdas.com.tr)**



**Ethics Line Notification Boxes**



**[İÇDAŞ – Etik Hat Bildirimi](http://www.icdas.com.tr)**

# SOCIAL RESPONSIBILITY MANUAL



- ❑ Our company's social responsibility manual was prepared to raise the awareness of our employees and to achieve our sustainability goals.
- ❑ All manuals are accessible to all employees in the QDMS system we use for document management.

# İÇDAŞ

## Çelik Enerji Tersane ve Ulaşım San. A.Ş.



### Sosyal Sorumluluk El Kitabı (ISO 26000:2010)

17950 Biga / ÇANAĞKALE  
Tel: 0 (286) 395 10 10 (Phx)  
Faks: 0 (286) 364 58 76



Sustainability reports have been prepared since 2011 are published on our website.

<https://www.icdas.com.tr/pages/4736/4736/f/en-US/Sustainability.aspx>





**START CHANGING THE FUTURE  
THROUGH SUSTAINABILITY.....**

**THANK YOU**  
YOU THANK

