



# TRABZON METROPOLITAN MUNICIPALITY

**Songül BAYRAK**  
**Head of Environmental Protection and Control Department**





# 01 CITY DATA

# HISTORY



**Fatih Sultan Mehmet**  
Conquered Trabzon in  
1461.



**Yavuz Sultan Selim**  
In Trabzon Between the  
Years of 1491-1512  
Served as Governor for  
21 Years



**Kanuni Sultan  
Süleyman**  
He was born in 1494  
in Trabzon.



# HISTORY

**BC. 2000**  
**BC. 750**

**Establishment Period**  
**(Mosk's, Tibareni, Mar's)**

**BC. 750**  
**AD. 50**

**Free City Period**  
**(Milesians)**

**AD. 50**  
**AD. 395**

**Roman Period**  
**(Roman's)**

**AD. 395**  
**AD. 1204**

**Byzantine Period**  
**(Byzantine's)**

**AD. 1204**  
**AD. 1461**

**Komnenian Period**  
**(Pontus Empire)**

**1461**

**Conquest of Trabzon**  
**(The ottoman Empire)**

**1868**

**Establishment of**  
**Trabzon Province and**  
**Municipality**

**1916**  
**1918**

**Russian**  
**Invasion**



# ADMINISTRATIVE STRUCTURE

Area: 4.662 km<sup>2</sup>

Number of Districts: 18

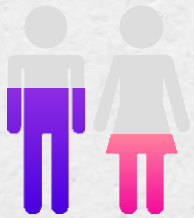
Number of Neighborhoods: 708



# POPULATION



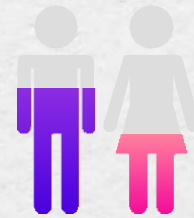
**Population**  
**811.901 Person**  
(27th most populated city)



**Population Density (km<sup>2</sup>)**  
**173 Person (2019)**  
(27th in Turkey)



**Population Growth Rate(2019)**  
**%1.3** (Turkey Average: %1.3)



**Median Age**  
**Turkey: 32.4 (2019)**  
**Trabzon: 35.9 (2019)**



# ECONOMIC DATA

Total Exports (2020)

**1,06 Billion \$**

Turkey Ranking

**16**

Turkey's Total Exports

**%0,67**

Eastern Black Sea Exports

**%57**

Trabzon Exports

**%65**

Turkey Hazelnut Export

**%36**



Socio-Economic  
Development Ranking

**26th (Turkey)**

Socio-Economic Development Ranking

**1st (Eastern Black Sea Region)**



# 02 MUNICIPAL DATA





# WHO EUROPEAN HEALTHY CITIES NETWORK

Trabzon Metropolitan Municipality has been a member of the Turkish Healthy Cities Association since 2005.

European Healthy Cities Network;

- IV. Phase (2003-2008)
- V. Phase (2009-2013)
- VI. Phase (2014-2018)
- VII. Phase (2019-2025)



This is to confirm that the  
Metropolitan Municipality of

**Trabzon**

is hereby designated as a member of the  
World Health Organization  
European Healthy Cities Network  
for Phase VII (2019-2025)

The Metropolitan Municipality of  
Trabzon

is committed to achieving the goals and deliverables of Phase  
VII of the Healthy Cities Network and to work in partnership  
with WHO and other cities for a healthy and sustainable future.



Signed on behalf of  
The Metropolitan  
Municipality of  
Trabzon  
Murat ZORLUOĞLU  
Mayor

Signed on behalf of  
WHO Regional Office for Europe  
Dr Hans Henri P. Kluge  
Regional Director



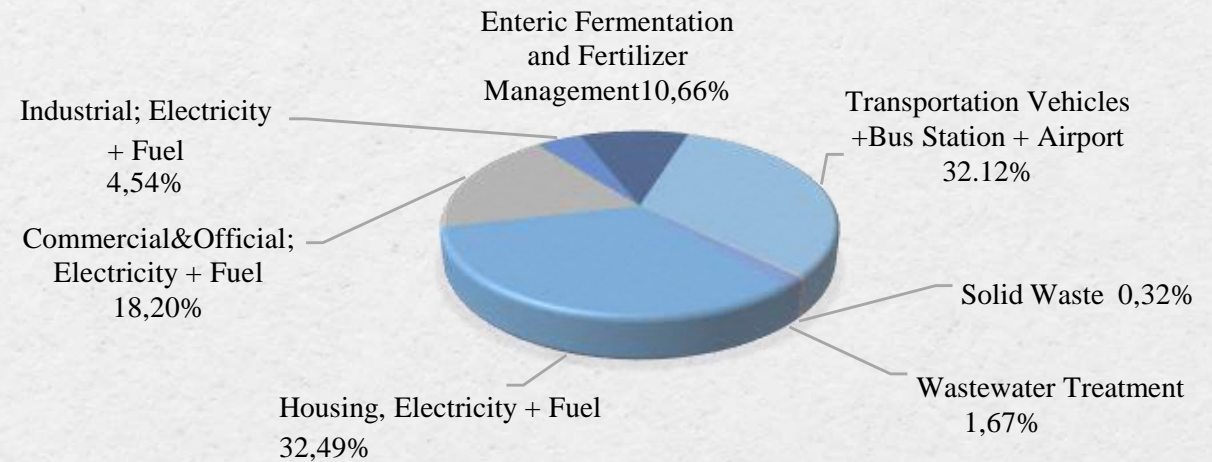


# **03 SUSTAINABLE ENVIRONMENT GREEN FIELD**



## CORPORATE AND URBAN GREENHOUSE GAS INVENTORY

- The situation of Trabzon in energy consumption has been analyzed and the areas that can be intervened with high consumption have been determined.



Distribution of Total Greenhouse Gas Emissions in Trabzon by Sources

# TRABZON'S SUSTAINABLE ENERGY ACTION AND CLIMATE ADAPTATION PLAN

This study fulfils two important functions;

1. It presents a detailed strategy (Sustainable Energy Action Plan) for reducing the city-sourced greenhouse gases that cause climate change by comprehensively recording the energy and greenhouse gas intensities of Trabzon.
2. It reveals the current climate change, It lays the building blocks of a Climate Adaptation Strategy (Climate Adaptation Plan) that will make the city resistant to the negative impacts it creates.





## WORKS DONE WITHIN THE SCOPE OF GREENHOUSE GAS REDUCTION

- Energy consumption in residences has decreased with the implementation of urban transformation projects and exterior thermal insulation of buildings.
- With the Trabzon Ortahisar Drinking Water Supply Project (IPA), natural gas lines have been expanded and the use of coal has been reduced. (The number of natural gas subscribers has increased by approximately 2.5% since 2016.)
- The length of the bicycle paths have been increased.
- With the modernization of municipal buses and minibuses, the public was encouraged to use public transportation.
- Within the scope of green area increase studies; With the opening of Trabzon, Akçaabat and Vakfıkebir national gardens and the implementation of the Ganita Beach Project, the total amount of green space will be increased by approximately 20%.



# SOLID WASTE INTEGRATED FACILITY

**Finish Date:** 25.12.2020

**Cost:** 60.000.000 \$

- Serving 1.5 Million Population
- Employment for 300 Person
- Electricity Generation (8-12 MW – 50 Thousand Houses)
- 950 Tons of Waste Processed Daily
- 32.000 Ton CO2 Reduction





# TRABZON IS COMBATING AGAINST CLIMATE CHANGE

**Budget:** 214.652 Euro

To Raise Awareness on Climate Change and Mitigation Methods;

- Trainings (760 Farmers and Producers, 27 Agricultural Consultants, 514 Drivers and Operators)
- Seminars
- Conference
- “Smart and Environmentally Friendly Bus Stops” at 5 Pilot Points





# NOISE ACTION PLAN

Within the scope of this project, it was aimed to determine the hot spots in terms of environmental noise for highways, industry and entertainment places in the settlement areas for which strategic noise maps were prepared in the province of Trabzon and to prepare action plans for the development of noise reduction scenarios.

## Noise Reduction in Trabzon;

- Efforts are being shown to move Small Industrial Sites from within the city.
- Speed limits on roads other than Devlet Sahil Yolu Caddesi are determined as 50/50 km/h (light/heavy vehicle).
- By constructing underpasses and overpasses on the state road routes, the uninterrupted progress of the traffic flow without stopping and going was ensured, and thus the noise that would occur due to braking was prevented.
- Work continues in Trabzon to replace the road surface with silent coating types (stone mastic asphalt).



**TÜRKİYE BİLİMSEL VE TEKNOLOJİK ARAŞTIRMA KURUMU  
MARMARA ARAŞTIRMA MERKEZİ**

**ÇEVRE VE TEMİZ ÜRETİM ENSTİTÜSÜ**

**TRABZON İLİ GÜRÜLTÜ AZALTIM SENARYOLARININ GELİŞTİRİLMESİ**

5188905  
ÇTÜE.20.11

**TRABZON GÜRÜLTÜ EYLEM PLANI RAPORU**

DESTEKLEYEN KURULUŞUN ADI: TRABZON BÜYÜKŞEHİR BELEDİYESİ

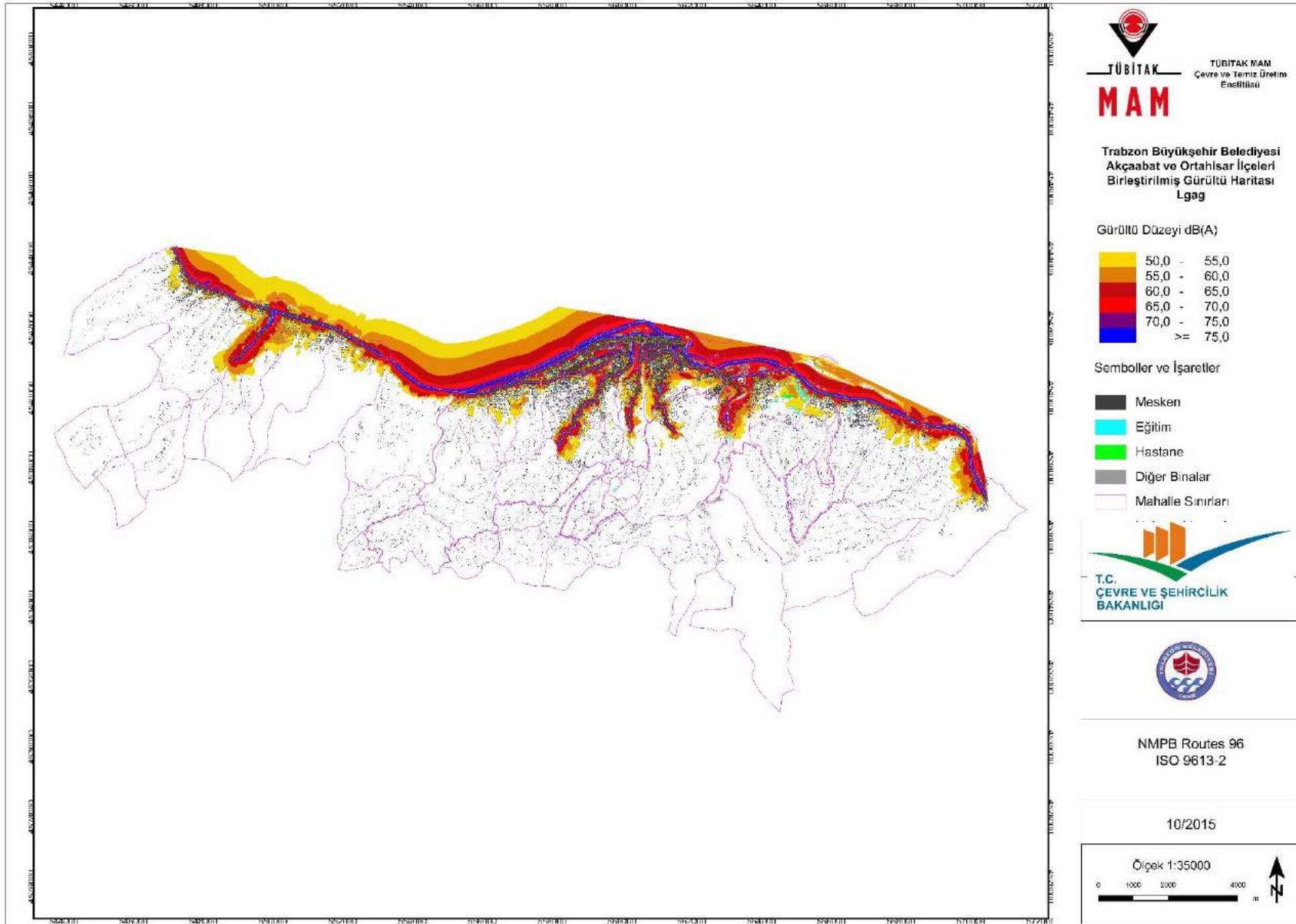


Mayıs, 2020  
GEBZE, KOCAELİ





# AKÇAABAT VE ORTAHİSAR BİRLEŞTİRİLMİŞ GÜRÜLTÜ HARİTASI





# ZERO WASTE PROJECT ORGANIC FERTILIZER PRODUCTION

- Organic fertilizer production started with the Closed System Compost Device.
- Waste vegetables and fruits obtained from the women's market and wholesaler in Trabzon were used for composts.
- Approximately 5 tons of compost was obtained between May 2020 and July 2021.





## WORKS DONE WITHIN THE SCOPE OF ZERO WASTE PROJECT



Within the scope of the Zero Waste Project, 2 containers were placed at 84 points determined within the borders of Trabzon province.





# TRABZON DRINKING WATER AND SEWERAGE ADMINISTRATION

- Trabzon Advanced Biological Treatment Plant  
(Service Capacity for 1.100.000 Population)



IS PLANNED



# SUMP

## SUSTAINABLE URBAN MOBILITY PLAN

**Budget:** 4.800.000 €

**Current Status:** Protocol Signed

- Urban Mobility Plan
- Big Data Center
- Cycling and Walking Paths
- Electric and Smart Bicycle
- Junction Dynamization Systems
- Smart Junction Applications
- Smart Stops



TRABZON SÜRDÜRÜLEBİLİR KENTSEL  
HAREKETLİLİK PROJESİ  
OPERASYONEL ANLAŞMA İMZA TÖRENİ  
8 EKİM 2021

CONTINUES



# FATİH PARK

**Finish Date:** 27.01.2020

**Budget:** 5.300.000 TL

- 9600 m2
- Children's playground
- Winter garden
- Book Cafe
- Cafeteria





# GANİTA - FAROZ BEACH ARRANGEMENT

**Finish Date:** 08.02.2023

**Budget:** 47.447.000 TL

**Realization Satatus:** %12

- Observation Terraces
- Dock
- Eating and Drinking Areas
- Thematic Gardens
- Small Squares
- Children's Playgrounds
- Walking and Cycling Path



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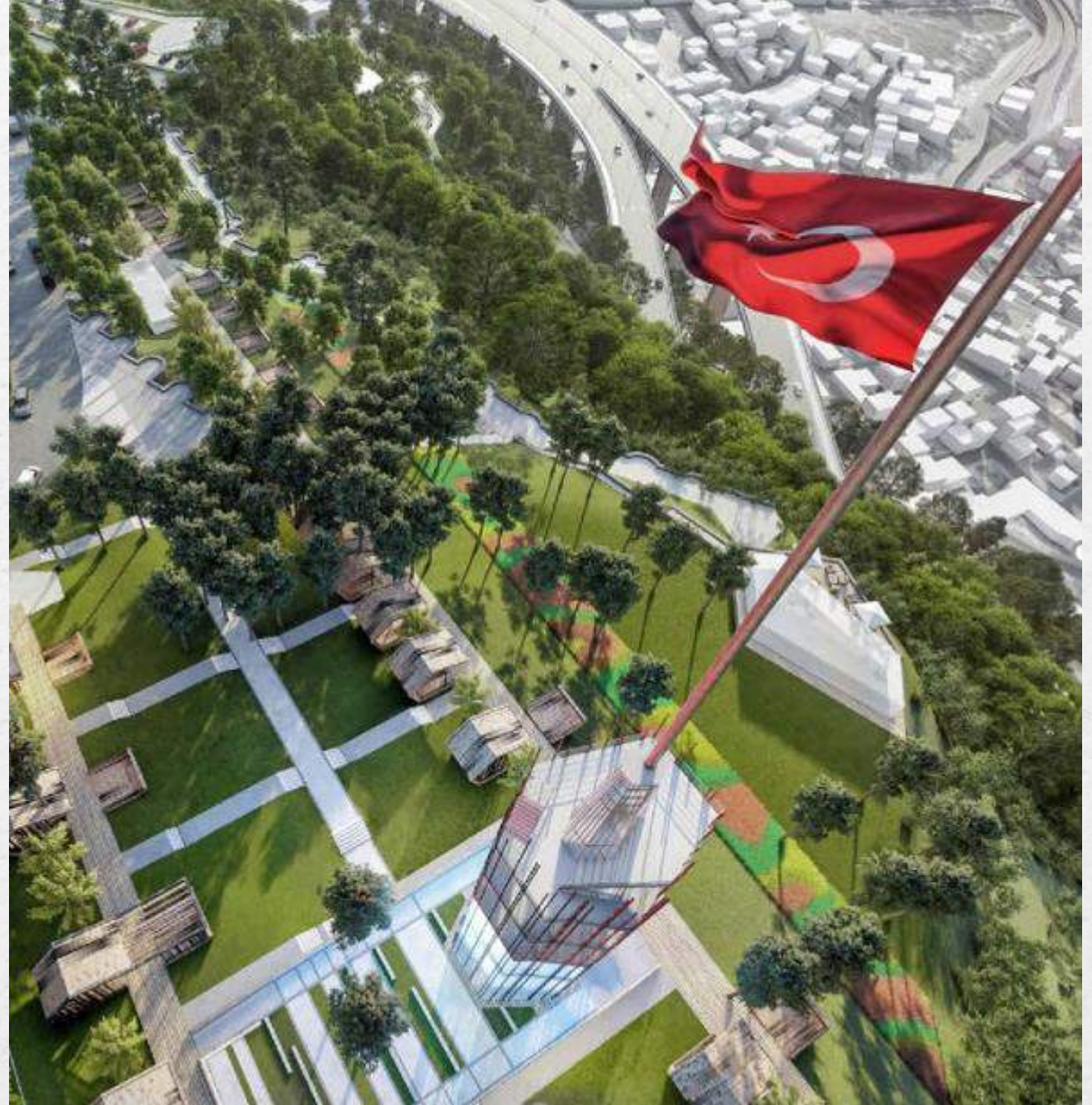




# BOZTEPE PICNIC AREA

**Status:** Project Works In Progress.

- Observation Terraces
- Recreation Areas
- Walking Areas
- Children's Playgrounds
- Eating and Drinking Areas



CONTINUES



# BOZTEPE PARK

**Status:** At the Tender Stage

- Buffet
- Children's Playgrounds
- Roofed Picnic Tables
- Walking Paths



CONTINUES



# ORTAHİSAR NATIONAL GARDEN

**Finish Date:** 21.03.2021

**Budget:** 21.956.000 TL

**Status:** Completed

- People's Cafe
- Restaurant
- Tribune
- Recreation Areas
- Sports Field





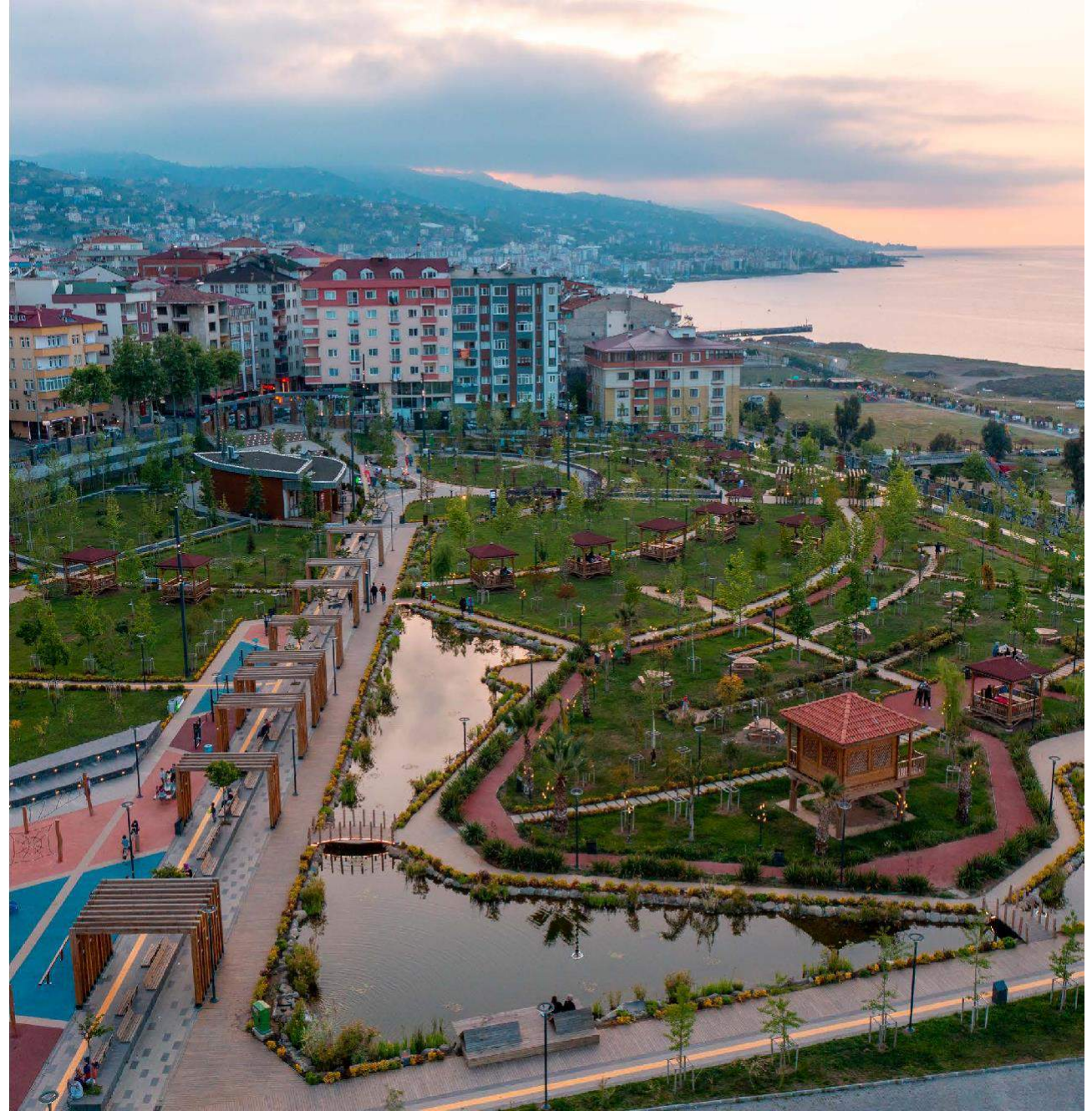
# AKÇAABAT NATIONAL GARDEN

**Finish Date:** 10.04.2020

**Budget:** 9.690.000 TL

**Status:** Completed

- People's Cafe
- Biological Pond
- Walking Paths
- camellias
- Ornamental Pools and Children's Playground





# VAKFIKEBİR NATIONAL GARDEN

**Finish Date:** 16.03.2021

**Budget:** 11.777.000 TL

**Status:** Completed

- 31,673 m2
- People's Cafe
- Bread Museum
- Walking Paths
- Children's playground
- 950 m Bicycle Path
- Parking lot for 85 cars







# 04 SOCIAL RESPONSIBILITY



## BARRIER-FREE LIFE

### Barrier-Free Life Academy

- Picture
- Music
- Sport
- Self-Care Skills (34 students benefit from the academy)

### Disabled Vehicle Workshop

- Total Repaired Vehicles: 369

### Barrier-Free Taxi

### Disabled Vehicle Distribution (106)

- 80 Cordless, 26 Manual





# COURSES

**In a total of 110 courses,  
4952 Trainee**

- Handicrafts
- Music Academy
- Folk dances
- Foreign language
- University preparation





## SOCIAL HELPS

### 61 Card

2019: 2.812 Family

2020: 3.936 Family

2021: 4.592 Family (15.837 Person)

### Ramadan Aid

#### 2020 Year

2500 Hot Meal

12.600 Pieces of Food Boxes

12.600 Hygiene Boxes

#### 2021 Year

2.000 Hot Meal

7.532 Food Aid





## SOCIAL HELPS

### Tradesmen Support

- Affected by the Pandemic  
1.127.000 TL of Food Support  
was Provided to 2.255  
Tradesmen.

### Other Helps

- Goods, Clothing
- Coal, Home Renovation

### Toplam

2019 : 2.349 Family

2020 : 2.162 Family

2021 : 1.132 Family





# STREET ANIMALS

## 2019-2021

- Neutering (5.662)
- Treatment of Sick and Injured Animals (8.628)
- Adoption (1.141)







# 05 KADIN, GENÇ, ÇOCUK



# WOMEN LIFE AND EMPLOYMENT CENTER

**Budget:** 50.000.000 TL  
(Approximately)

**Current Status:** The Protocol  
was signed on October 13,  
2021.

- Sales Unit
- Reading and Meeting Room
- Multipurpose Hall
- Cafeteria
- Swimming Pool
- Workshops
- Nursery Fitness Hall
- PDR Unit



CONTINUES



# KADINLAR HALİ

**Estimated Completion Date:**  
**02.01.2022**

**Budget: 10,952,000 TL**

**Realization Status: 48%**

- 72 Car Parking
- 119 Shops and Warehouses
- Women's Sales Area
- Restaurant
- Terrace



DEVAM ETMEKTEDİR







# SCIENCE CENTER AND PLANETARIUM

**Finish Date:** 22.11.2022

**Budget:** 15.700.000 TL

**Current Status:** Excavation  
Works Have Begun.

- Planetarium
- 5 Workshops
- Interactive Exhibition Areas
- Cafeteria



CONTINUES



# PERFORMANCE MEASUREMENT AND TALENT CENTER IN SPORTS

**Finish Date:** 24.07.2021

**Budget:** 10.847.000 TL

**Current Status:** %45

- 2nd Center in Turkey
- Health check
- Performance Measurement Records
- Data analysis



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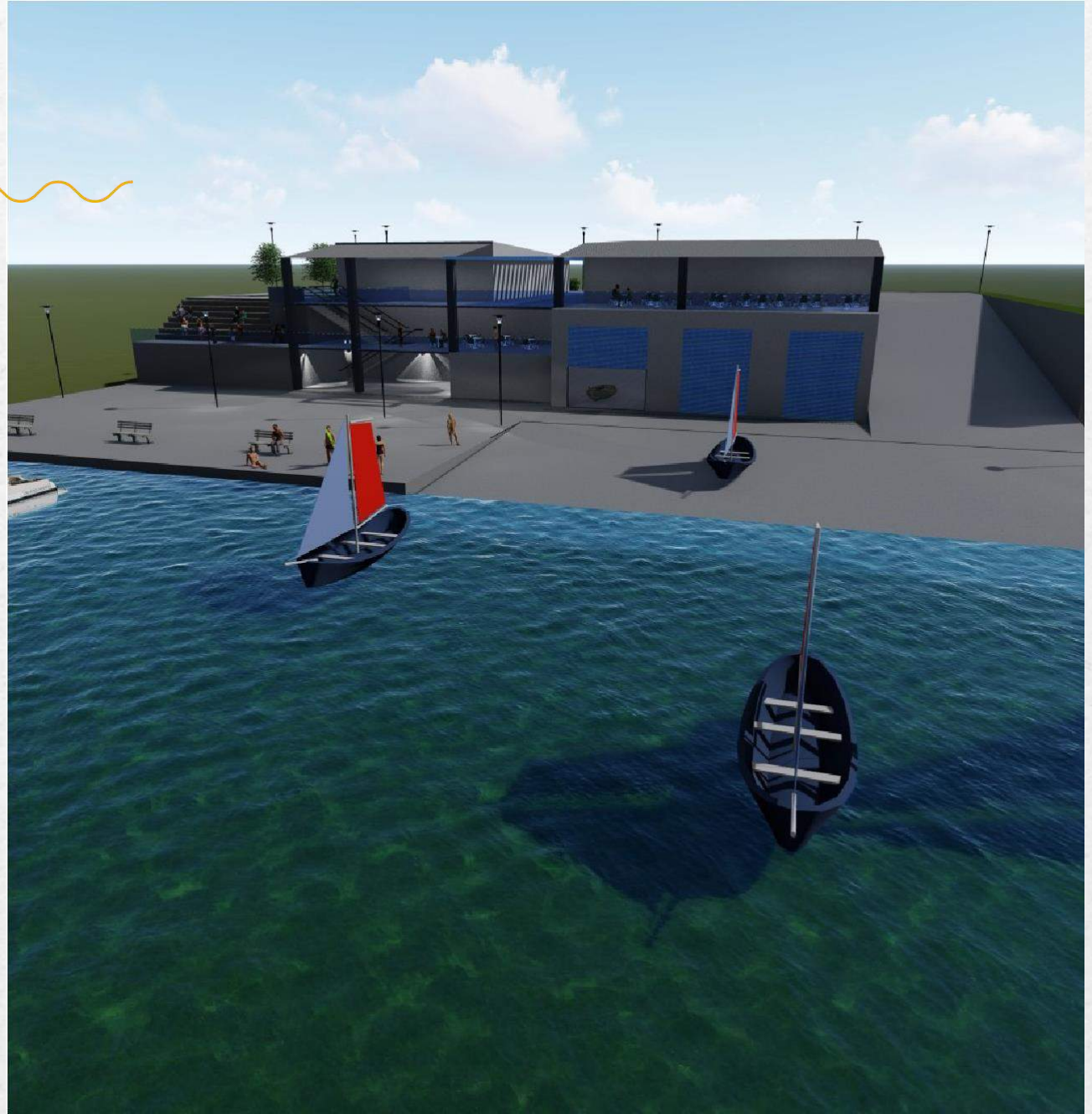
# WATER SPORTS CENTER

**Budget:** 5.000.000 TL  
(Approximately)

**Status:** Project Works are Continuing.

**In project scope;**

- Sail
- Canoe
- Beach Games
- Windsurf
- Club Room
- Cafeteria
- Seminar Room



CONTINUES



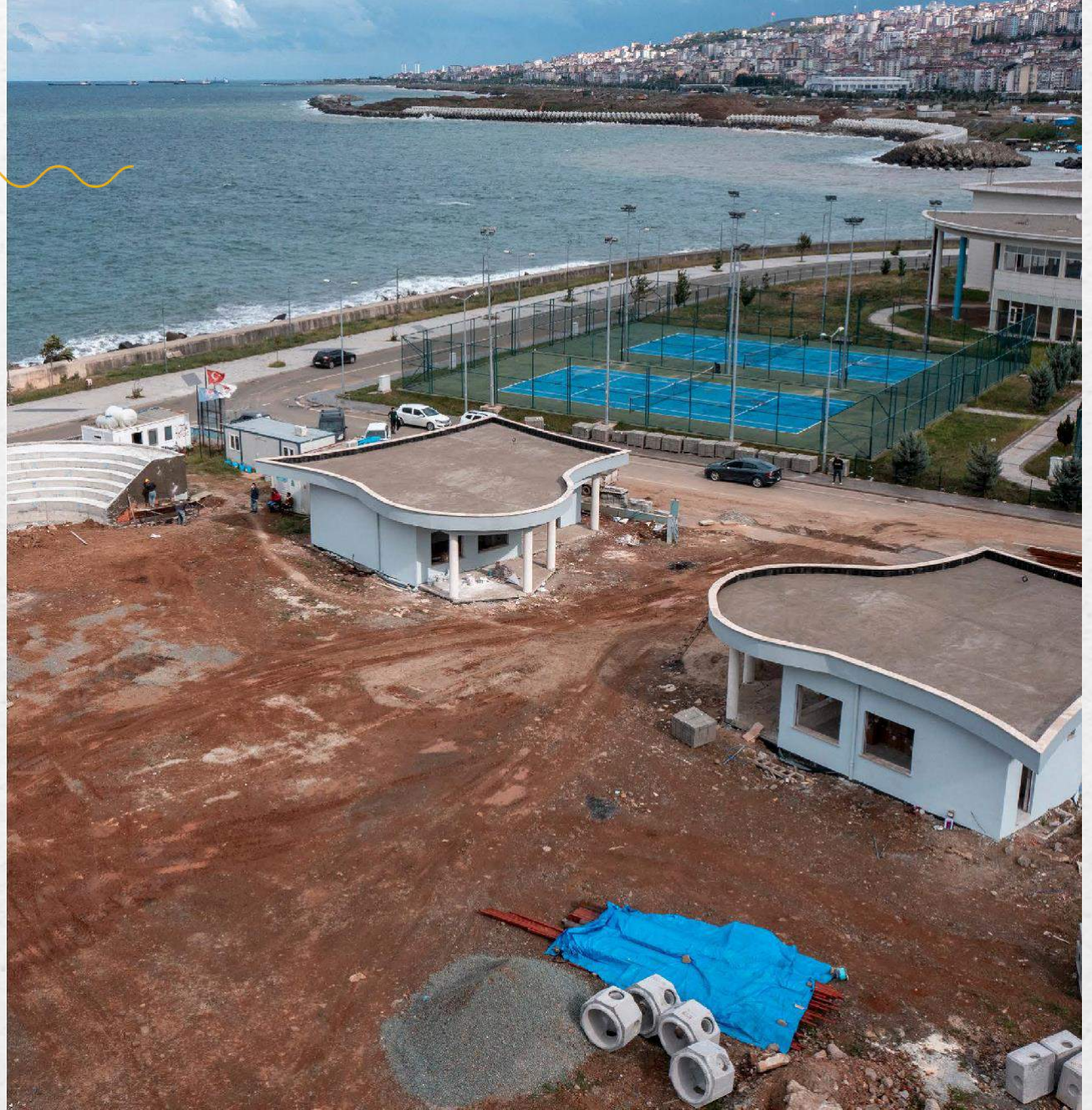
# CHILDREN'S TRAFFIC TRAINING RUN

**Finis Date:** 26.12.2021

**Budget:** 2.818.000 TL

**Realization Status:** %28

- Surveillance Building
- Classroom and First Aid Building
- Gas station
- Train and Bike Path
- Afad Sports and Education Area
- Open Education Area
- Track for Small Age Groups



CONTINUES









# 06 CULTURE ACTIVITIES



## EVENTS

- International Horon Festival
- Ramadan Events
- Book Fair
- Skating Festival
- Turkish Stars Show
- 40th International Half Marathon
- European Mobility Week
- Turkey Mountain Ski Championship
- 41st International Half Marathon
- Trabzon Young Festival
- Once Upon a Time Seljuk Exhibition
- Kite Festival











**THANK YOU FOR LISTENING**

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