

# Our Experience for a **Green Future**

# Together We Produce a

# Green Future

ECOBUILD® was established in 2009. ECOBUILD is a member of USGBC, ISI and WELL. ECOBUILD got largest references in the Green Materials, Building and Sustainable City Planning Consultancy Sector in Turkey.

ECOBUILD is a consulting company providing consultancy services in Turkey and abroad in the green building design, construction, certification and green material production processes with national-international project experience with LEED® AP BD + C, LEED AP ND, Envision TM SP, WELL AP Acredited Professionals.

ECOBUILD, ISI member and Envision Green Infrastructure Projects Controller. It is the only Turkish company that has the authority of supervision and consultancy on obtaining green infrastructure certificates for infrastructure projects such as bridges, highways, dams and similar infrastructure projects.

ECOBUILD, with WELL AP Accredited Professional offers Healthy Building services in Turkey.

ECOBUILD provides customer satisfaction oriented services for the projects of materials, buildings and urban development areas which protects nature and human health and is economical and environment friendly.

ECOBUILD offers green urbanism service under the titles of Climate Change Action Plan, City Greenhouse Gas Emission Inventory Reporting, LEED for Cities Green City Certificate, LEED ND Green Urban Transformation and Development Certificate. ECOBUILD is the leader in LEED Education in Turkey. ECOBUILD® is a member of the USGBC and offers periodic training programs to institutions and individuals according to different purposes and levels of LEED® Green Building Certification Systems.

#### Our Mission;

By creating green buildings and settlements that respect humanity and nature, we are making our world more livable and contributing to collecting in this way.

- > We aim to build,
- Sustainable
- **>** Economic
- > Respectful to nature.

#### Our Vision:

Our vision is to create a better buildings, infrastructures and cities for life. Bring inspiration and innovation to every city in the world. Is the sustainable development of the building industry and leading the buildings to be designed and built according to environmental criteria. It is the main idea of our sustainability consulting. It is our vision to produce energy efficiency, environmentally sensitive materials, green, resilient cities and urban transformations.





# USGBC GREEN BUILDING LEADER AWARD





THE U.S. GREEN BUILDING COUNCIL RECOGNIZES

#### **ECOBUILD YESIL BINALAR**

FOR THEIR LEADERSHIP IN SUSTAINABILITY AND FOR SHARING IN THE VISION OF GREEN BUILDINGS FOR ALL WITHIN A GENERATION.

THANK YOU FOR YOUR COMMITMENT, FRIENDSHIP AND PASSION FOR INNOVATION AS TOGETHER, WE LEED ON.

Makesh Ramonfam

MAHESH RAMANUJAM
PRESIDENT & CEO, U.S. GREEN BUILDING COUNCIL

# Identify Your Consultant for

# LEED Certified Successful Green Building

ECOBUILD has achieved significant success in green building projects in our country and in the world. For this reason, ECOBUILD was awarded at the GREENBUILD EXPO Europe 2018 by the USGBC, the organization providing LEED Certificates. ECOBUILD received the "World Green Building Leader Award" which are only 3 companies awarded. ECOBUILD LEED AP BD + C and LEED AP ND are accredited. ECOBUILD is a member of USGBC since 2009.

The LEED consultant must be an expert with the LEED Accredited Professional identity. In addition, the LEED Consultant must have USGBC Member Company status. ECOBUILD is the most experienced and leading company in Turkey in terms of LEED Certificates and green building engineering and design.

# USGBC Project of the Year





2020 **LEED** ★ Homes Awards

PROJECT of the YEAR

# Park Mozaik A Block Ankara, Turkey

Project of the Year

USGBC's LEED Homes Awards celebrate some of the most innovative and transformative LEED-certified residential projects in the world, as well as the teams, architects, developers and homebuilders that worked hard to make them a reality.

Thank you for your contribution!

**JULY 2020** 

MAHESH RAMANUJAM
PRESIDENT & CEO, U.S. GREEN BUILDING COUNCIL

Makesh Rame

# Determine Your Consultant Correctly for

# **LEED Certificate Project Success**

ECOBUILD has achieved significant success in green building projects in our country and in the world. For these reasons, it has been awarded at GREENBUILD EXPO Europe by USGBC, the institution providing the LEED Certificate, and has been awarded the "World Green Building Leader Award" given to only 3 companies. ECOBUILD LEED AP BD + C and LEED AP ND are accredited. It has been a member of USGBC since 2009.

The LEED consultant must be an expert with LEED Accredited Professional identity. In addition, the LEED Consultant firm must have the status of USGBC Member Firm. ECOBUILD is the most experienced and leading company in our country in terms of LEED Certificate and green building design.

# USGBC

# Outstanding Multifamily Project





2020 **LEED** ( Homes Awards

# Park Mozaik A Block Ankara, Turkey

#### **Outstanding Multifamily Project**

USGBC's LEED Homes Awards celebrate some of the most innovative and transformative LEED-certified residential projects in the world, as well as the teams, architects, developers and homebuilders that worked hard to make them a reality.

Thank you for your contribution!

**JULY 2020** 

MAHESH RAMANUJAM
PRESIDENT & CEO, U.S. GREEN BUILDING COUNCIL

Makesh Rane

# Determine Your Consultant Correctly for

# **LEED Certificate Project Success**

ECOBUILD has achieved significant success in green building projects in our country and in the world. For these reasons, it has been awarded at GREENBUILD EXPO Europe by USGBC, the institution providing the LEED Certificate, and has been awarded the "World Green Building Leader Award" given to only 3 companies. ECOBUILD LEED AP BD + C and LEED AP ND are accredited. It has been a member of USGBC since 2009.

The LEED consultant must be an expert with LEED Accredited Professional identity. In addition, the LEED Consultant firm must have the status of USGBC Member Firm. ECOBUILD is the most experienced and leading company in our country in terms of LEED Certificate and green building design.

# **ISTANBUL FINANCE CENTER**

İstanbul Finance Center

**Building Type**: Office, Mixuse İstanbul, Turkey

**BDDK** HOK, USA 2020

LEED Gold - NC - v4



### Proje Bilgileri

MoEU-BRSA is a multi-use building as it has made Turkey's largest construction projects. It consists of offices and a shopping mall. The buildings are designed and built with a LEED® USGBC NC Gold certificate target of 3,500,000 m2. Turkey's largest LEED Gold certified project carries the distinction of being the mixed-use project. Starting from the concept design, consultancy services have been provided for the building to be high-performance energy-water

The building emits 39% less greenhouse gas emissions into the atmosphere. 20 consumes 65% less energy than buildings in Turkey with different technologies. 54% of the building is green roof. The building consumes 45% less water than the world average. The mixed-use project uses

the gray water from the building houses in shopping mall toilets and produces 78% less waste water. 49% of the land where the building is located is green area. The old parliament residences were demolished by recycling 90%. 75% of the waste generated during construction was recycled. 25% of the entire building is made of recycled material. Building materials containing carcinogenic chemicals were not used in the interior of the building.

The building measures indoor air quality with carbon dioxide sensors and applies a very special air quality to places where people are present. The building has very special acoustic equipment and is suitable for human health at the highest level.



### LEED v4 Puanları

Location and Transportation	14
Sustainable Sites	6
Water Efficiency	11
Energy and Atmosphere	11
Materials and Resources	3
Indoor Environmental Quality	11
Innovation in Design	9
TOTAL	/ -

#### Services

**LEED Certificate Consultancy** 

Design and Construction Consultancy

Energy and Daylighting Modeling

Thermal Comfort Analysis















# BARCELONA RESIDENT

Barcelona Roger de Luria Housing Project

Resident, Retail - Mixuse

Barcelona, Spain **NOVO Invest** 

OAB Architects, Barcelona, Spain, ECOBUILD

LEED Gold - New Construction - v4



# **Project Information**

It is a residential and office building located in Barcelona. The building has been designed and constructed with the aim of LEED® USGBC NC Gold certificate of 2.500 m2. The project is an exemplary project for the green urban transformation of Barcelona. Starting from the concept design, consultancy service has been provided on the building's high performance energy-water efficiency.

The building emits 45% less greenhouse gas emissions into the atmosphere. With 20 different technologies, it consumes 65% less energy than the buildings in Spain. 54% of the building is green roof. The building consumes 55% less water than the world average. The mixed-use project uses the gray water from the building residences in its toilets and produces 85% less

50% of the land on which the building is located is green roof. Demolition/dismantling was carried out by recycling 90% of old building construction materials. 75% of the waste generated during construction was recycled. 65% of the entire building is made of recycled materials. Building materials containing carcinogenic chemicals are not used in the interior of the building.

The building measures the indoor air quality with carbon dioxide sensors and applies a very special air quality to the places where people are. The building has very special acoustic equipment and is suitable for human health at the highest level.



#### LEED v4 Puanları

TOTAL	65
Innovation in Design	9
Indoor Environmental Quality	11
Materials and Resources	3
Energy and Atmosphere	11
Water Efficiency	11
Sustainable Sites	6
Location and Transportation	14

### Services

**LEED Certificate Consultancy** 

Design and Construction Consultancy

**Energy and Daylighting Modeling** 

Thermal Comfort Analysis















# IZMIR ADNAN MENDERES AIRPORT

Project Name : İzmir Adnan Menderes Airport

: Havalimanı, Ofis ve AVM

İzmir, Turkey

**TAV Construction** Yakup HAZAN

2015

LEED Silver - NC - v3



# **Project Information**

İzmir Adnan Menderes Airport Building, which was built by TAV Construction, was designed as 135.000 m<sup>2</sup>. LEED® USGBC NC Silver Certificate has been completed. Turkey's first LEED building bears the distinction of being Certified airport. It is one of the 10 Certified airports in the world. Starting from the concept design, consultancy services were provided on the highperformance energy-water efficiency of the building. The building converts storm water, black water and gray water and is 65% water efficient. The building is 45% energy efficient. Monthly / yearly heating-cooling-lighting energy needs and consumption, building shell optimization studies, thermal and optical values of transparent components and acoustic performance values calculation services were provided. With a capacity of 30,000 passengers per day, the building is constructed of materials with low VOC content.



#### **LEED v3 Points**

Sustainable Sites	11
Water Efficiency	8
Energy and Atmosphere	7
Materials and Resources	10
Indoor Environmental Quality	4
Innovation in Design	10
TOTAL	50

#### Services

LEED Certificate Consultancy

Design and Construction Consultancy

**Energy and Daylighting Modeling** 

Thermal Comfort Analysis















# **KUZU EFFECT ANKARA**

Kuzu Effect Ankara

Building Type : Mixed-Use, Mall, Resident, Office

Ankara, Turkey : KUZU Construction

EAA Emre Arolat Architect, Gonca PAŞOLAR

LEED Gold - New Construction - v3



# **Project Information**

It is a mixed-use building constructed by Kuzu Group Construction Company in Ankara Oran. The residence consists of Loft apartments, offices and shopping malls. Building 189.902 m2 LEED® USGBC NC Gold Certificate targeted and built. Turkey's first LEED Gold Mix-use Building Certified carries the distinction of being the mixed-use building. Starting from the concept design, consultancy services were provided on the high-performance energywater efficiency of the building.

The building emits 39% less greenhouse gas emissions to the atmosphere. 20 consumes 65% less energy than buildings in Turkey with different technologies. 54% of the building has a green roof. The building consumes 45% less

water than the world average. The mixed-use project uses gray water from building residences in shopping mall toilets and produces 78% less waste water. 49% of the land where the structure is located is a green area. Demolition was done by recycling 90% of the old council houses. 75% of the waste produced during construction has been recycled. 25% of the entire building is made of recycled material. Building materials containing carcinogenic chemicals were not used in the internal volume of the building.

The building measures indoor air quality with carbon dioxide sensors and applies a very special air quality to people's places. The building has very special acoustic equipment and is optimally suited to human health.



### **LEED v3 Points**

Sustainable Sites	22
Water Efficiency	8
Energy and Atmosphere	12
Materials and Resources	6
Indoor Environmental Quality	12
Innovation in Design	9
TOTAL	69

#### Services

**LEED Certificate Consultancy** 

Design and Construction Consultancy

**Energy and Daylighting Modeling** 

Thermal Comfort Analysis















# **AYTIM TEXTILE ERZURUM**

Project Name : AYTIM Textile Erzurum Office and Factory

**Building Type**: Office and Production

Erzurum, Turkey

Erzurum Guvernorship ECOBUILD, Emre OMAY

LEED Platin - New Construction - v4



# **Project Information**

It is an office and factory-use building that AYTIM Textile Company aims to make to ERZURUM 2. OSB. Offices and Textile Factory consists of production departments. The building has been designed with a target of 6.000 m<sup>2</sup> LEED® USGBC NC Platinum certificate. It will be built. The building is the first LEED Platinum certified office and factory building in Erzurum. Starting from the concept design, consultancy service was provided on the high performance energy-water efficiency of the building.

The building emits 40% less greenhouse gas emissions into the atmosphere. 20 consumes 65% less energy than buildings in Turkey with different technologies. 54% of the building is green roof. The building consumes 45% less

water than the world average. The Office and Factory building uses the gray water from the offices in Factory toilets and produces 78% less waste water. 49% of the land on which the building is located is green. 75% of waste generated during construction will be recycled. 25% of the whole building was designed from recycled materials. Building materials containing carcinogenic chemicals were not used in the building's interior volume.

The building measures indoor air quality with carbon dioxide sensors and applies a very special air quality to the places where people are. The building has very special acoustic equipment and is highly suitable for human health.



#### LEED v4 Points

Location and Transportation	2
Sustainable Sites	10
Water Efficiency	9
Energy and Atmosphere	26
Materials and Resources	11
Indoor Environmental Quality	15
Innovation in Design	8
TOTAL	0.4

#### Services

**LEED Certificate Consultancy** 

Design and Construction Consultancy

**Energy and Daylighting Modeling** 

Thermal Comfort Analysis















# MODAVIZYON FACTORY

Modavizyon Textile Elazığ Office and Factory

Office and Production

Elazığ, Turkey Sahinler Holding

Gülşah Bayraktar, Kuba Mimarlık

LEED v4 Gold New Construction



# **Project Information**

It is the office and factory-use building that Şahinler Holding Modavizyon Tekstil Company aims to build in Elazığ OIZ. It consists of Offices and Textile Factory Production sections. The building was designed with a target of 11,000 m<sup>2</sup> LEED® USGBC NC Gold certification. It will be built. The building is the first LEED Gold certified office and factory building in Elazığ. Starting from the concept design, consultancy services were provided to ensure that the building was high-performance, energy-water efficient.

The building releases 50% less greenhouse gas emissions into the atmosphere. With 20 different technologies, it consumes 65% less energy than buildings in Turkey. 90% of the building's roof is PV roof. The building consumes 65%

less water than the world average. The Office and Factory building uses the gray water from the offices in the Factory toilets and produces 80% less wastewater. 30% of the land where the building is located is green area. 95% of the waste generated during construction will be recycled. 25% of the entire building was designed from recycled materials. Building materials containing carcinogenic chemicals were not used in the interior of the building.

The building measures the indoor air quality with carbon dioxide sensors and applies a very special air quality to the spaces where people are present. The building has very special acoustic equipment and is suitable for human health at the highest level.



### LEED v4 Points

TOTAL	64
Innovation in Design	10
Indoor Environmental Quality	10
Materials and Resources	3
Energy and Atmosphere	26
Water Efficiency	8
Sustainable Sites	4
Location and Transportation	3

#### Services

**LEED Certificate Consultancy** 

Design and Construction Consultancy

**Energy and Daylighting Modeling** 

Thermal Comfort Analysis















# SUPERFILM FACTORY

Superfilm Lüleburgaz Factory

Building Type : Production and Office

: Lüleburgaz, Turkey

Sanko Holding Esra Akyol

2024

LEED v4 Gold New Construction



# **Project Information**

It is the office and factory-use building that Sanko Holding Superfilm Company aims to build in Lüleburgaz OSB. The factory consists of Production and Office sections. The building was designed to target 150,000 m<sup>2</sup> of LEED® USGBC NC Gold certification. The building is the first LEED Gold certified factory and office building in Lüleburgaz. Starting from the concept design, consultancy services were provided to ensure that the building was high-performance, energy-water efficient.

The building releases 50% less greenhouse gas emissions into the atmosphere. With 20 different technologies, it consumes 65% less energy than buildings in Turkey. 90% of the building's roof is PV roof. The building consumes 65%

less water than the world average. The Office and Factory building uses the gray water from the offices in the Factory toilets and produces 80% less wastewater. 30% of the land where the building is located is green area. 95% of the waste generated during construction will be recycled. 25% of the entire building was designed from recycled materials. Building materials containing carcinogenic chemicals were not used in the interior of the building.

The building measures the indoor air quality with carbon dioxide sensors and applies a very special air quality to the spaces where people are present. The building has very special acoustic equipment and is suitable for human health at the highest level.



# **LEED v4 Points**

TOTAL	66
Innovation in Design	10
Indoor Environmental Quality	9
Materials and Resources	4
Energy and Atmosphere	27
Water Efficiency	9
Sustainable Sites	4
Location and Transportation	3

#### Services

**LEED Certificate Consultancy** 

Design and Construction Consultancy

**Energy and Daylighting Modeling** 

Thermal Comfort Analysis















# SANKO TEXTILE FACTORY

Sanko Textile Factory **Building Type**: Production and Office Gaziantep, Turkey Sanko Holding **HSA** Construction

2024

LEED v4 Gold New Construction



# **Project Information**

It is the factory-use and office building that Sanko Holding Company aims to build in Gaziantep OSB. The factory consists of Production and Office sections. The building was designed to target 110,000 m<sup>2</sup> of LEED® USGBC NC Gold certification. The building is the first LEED Gold certified factory and office building in Gaziantep. Starting from the concept design, consultancy services were provided to ensure that the building was high-performance, energywater efficient.

The building releases 50% less greenhouse gas emissions into the atmosphere. With 20 different technologies, it consumes 65% less energy than buildings in Turkey. 90% of the building's roof is PV roof. The building consumes 65%

less water than the world average. The Office and Factory building uses the gray water from the offices in the Factory toilets and produces 80% less wastewater. 30% of the land where the building is located is green area. 95% of the waste generated during construction will be recycled. 25% of the entire building was designed from recycled materials. Building materials containing carcinogenic chemicals were not used in the interior of the building.

The building measures the indoor air quality with carbon dioxide sensors and applies a very special air quality to the spaces where people are present. The building has very special acoustic equipment and is suitable for human health at the highest level.



#### **LEED v4 Points**

Location and Transportation	2
Sustainable Sites	4
Water Efficiency	8
Energy and Atmosphere	27
Materials and Resources	4
Indoor Environmental Quality	8
Innovation in Design	10
TOTAL	63

#### Services

**LEED Certificate Consultancy** 

Design and Construction Consultancy

**Energy and Daylighting Modeling** 

Thermal Comfort Analysis















# SANKO FIBER FACTORY

Sanko Fiber Factory Building Type : Production and Office Gaziantep, Turkey Sanko Holding **HSA** Construction

2024

LEED v4 Gold New Construction



# **Project Information**

It is the factory-use and office building that Sanko Holding Company aims to build in Gaziantep OSB. The factory consists of Production and Office sections. The building was designed to target 90,000 m<sup>2</sup> of LEED® USGBC NC Gold certification. The building is the first LEED Gold certified factory and office building in Gaziantep. Starting from the concept design, consultancy services were provided to ensure that the building was high-performance, energywater efficient.

The building releases 50% less greenhouse gas emissions into the atmosphere. With 20 different technologies, it consumes 65% less energy than buildings in Turkey. 90% of the building's roof is PV roof. The building consumes 65%

less water than the world average. The Office and Factory building uses the gray water from the offices in the Factory toilets and produces 80% less wastewater. 30% of the land where the building is located is green area. 95% of the waste generated during construction will be recycled. 25% of the entire building was designed from recycled materials. Building materials containing carcinogenic chemicals were not used in the interior of the building.

The building measures the indoor air quality with carbon dioxide sensors and applies a very special air quality to the spaces where people are present. The building has very special acoustic equipment and is suitable for human health at the highest level.



# LEED v4 Points

Location and Transportation	3
Sustainable Sites	4
Water Efficiency	8
Energy and Atmosphere	27
Materials and Resources	4
Indoor Environmental Quality	8
Innovation in Design	10
TOTAL	

#### Services

**LEED Certificate Consultancy** 

Design and Construction Consultancy

**Energy and Daylighting Modeling** 

Thermal Comfort Analysis















# AHŞAPSAN KOCAELİ

Ahşapsan Office and Factory

Office and Production

Kocaeli, Turkey Ahşapsan Nevzat Sayın

2023

LEED Gold - New Construction - v4



# **Project Information**

It is the office and factory-use building that Ağaçsan company aims to build in Gebze OIZ. It consists of Offices and Wooden Furniture Factory Production sections. The building was designed with a 41,000 m2 LEED® USGBC NC Gold certification target. It will be built. The building is the first LEED Gold certified office and factory building in Kocaeli. Starting from the concept design, consultancy services were provided to ensure that the building was highperformance, energy and water efficient.

The building releases 40% less greenhouse gas emissions into the atmosphere. With 20 different technologies, it consumes 65% less energy than buildings in Turkey. 54% of the building is green roof. The building consumes 45% less

water than the world average. The Office and Factory building uses the gray water from the offices in the Factory toilets and produces 78% less wastewater. 49% of the land where the building is located is green area. 75% of the waste generated during construction will be recycled. 25% of the entire building was designed from recycled materials. Building materials containing carcinogenic chemicals were not used in the interior of the building.

The building measures the indoor air quality with carbon dioxide sensors and applies a very special air quality to the spaces where people are present. The building has very special acoustic equipment and is suitable for human health at the highest level.



#### **LEED v4 Points**

Location and Transportation	3
Sustainable Sites	8
Water Efficiency	9
Energy and Atmosphere	28
Materials and Resources	4
Indoor Environmental Quality	7
Innovation in Design	10
TOTAL	69

### Services

**LEED Certificate Consultancy** 

Design and Construction Consultancy

**Energy and Daylighting Modeling** 

Thermal Comfort Analysis















# **ASTER TEXTILE TOKAT**

Project Name : ASTER Textile Erzurum Office and Factory

Office and Textile Production

Tokat, Turkey **ASTER Textile** 

ECOBUILD, Ideadecor

LEED Gold - New Construction - v4



### Proje Bilgileri

It is an office and factory-use building that ASTER Textile Company aims to make to Tokat OSB. Offices and Textile Factory consists of production departments. The building has been designed with a target of 9.000 m<sup>2</sup> LEED® USGBC NC Gold certificate. It will be built. The building is the first LEED Gold certified office and factory building in Erzurum. Starting from the concept design, consultancy service was provided on the high performance energy-water efficiency of the building.

The building emits 40% less greenhouse gas emissions into the atmosphere. 20 consumes 65% less energy than buildings in Turkey with different technologies. 54% of the building is green roof. The building consumes 45% less

water than the world average. The Office and Factory building uses the gray water from the offices in Factory toilets and produces 78% less waste water. 49% of the land on which the building is located is green. 75% of waste generated during construction will be recycled. 25% of the whole building was designed from recycled materials. Building materials containing carcinogenic chemicals were not used in the building's interior volume.

The building measures indoor air quality with carbon dioxide sensors and applies a very special air quality to the places where people are. The building has very special acoustic equipment and is highly suitable for human health.



### **LEED v4 Points**

Location and Transportation	2
Sustainable Sites	10
Water Efficiency	9
Energy and Atmosphere	12
Materials and Resources	11
Indoor Environmental Quality	15
Innovation in Design	8
TOTAL	47

### Services

LEED Certificate Consultancy

Design and Construction Consultancy



**Energy and Daylighting Modeling** 



Thermal Comfort Analysis









# ZIYLAN LOGISTICS CENTER

Ziylan Logistic Center

**Building Type**: Logistic Center Yalova, Turkey

Ziylan

**DB Masters** 

2023

LEED Gold - New Construction - v4



### Proje Bilgileri

It is the logistics center building built by Ziylan Logistics Company in Yalova. It is a logistics center and office building. The building is  $150,000 \, \text{m}^2$  in size and was designed to target LEED® USGBC NC Gold certification. The building is the first LEED Gold certified logistics center building in the city of Yalova. Starting from the concept design, consultancy services were provided to ensure that the building was high-performance, energy-water efficient.

The building releases 50% less greenhouse gas emissions into the atmosphere. With 22 different technologies, it consumes 50% less energy than buildings in Turkey. The roof area of the building consists of PV panels. The building consumes 65% less water than the world average. It uses

gray water in the toilets of the logistics center and produces 80% less wastewater. 30% of the land where the building is located is green area. 95% of the waste generated during construction will be recycled. 25% of the entire building was designed from recycled materials. Building materials containing carcinogenic chemicals were not used in the interior of the building.

The building measures the indoor air quality with carbon dioxide sensors and applies a very special air quality to the spaces where people are present. The building has very special acoustic equipment and is suitable for human health at the highest level.



### **LEED v4 Points**

Location and Transportation	2
Sustainable Sites	6
Water Efficiency	9
Energy and Atmosphere	15
Materials and Resources	11
Indoor Environmental Quality	15
Innovation in Design	8
TOTAL	

### Services

LEED Certificate Consultancy

Design and Construction Consultancy

**Energy and Daylighting Modeling** 



Thermal Comfort Analysis







# SCHLUMBERGER FACTORY

Schlumberger Factory

Building Type : Factory

Zonguldak, Turkey Schlumberger

Temelsu 2024

LEED Gold - New Construction - v4



### Proje Bilgileri

It is the Zonguldak Factory and office building of Schlumberger Company. It is a building for factory, workshop and office use. The building is 6,164 m<sup>2</sup> in size and was designed to target LEED® USGBC NC Gold certification. The building is the first LEED Gold certified logistics center building in Zonguldak city. Starting from the concept design, consultancy services were provided to ensure that the building was high-performance, energywater efficient.

The building releases 50% less greenhouse gas emissions into the atmosphere. With 20 different technologies, it consumes 40% less energy than buildings in Turkey. The roof area of the building consists of green roof and PV panels. The building consumes 65% less water than the world average. It uses gray water in the toilets of the logistics center and produces 80% less wastewater. 30% of the land where the building is located is green area. The building's internal environmental quality is of high standard. 25% of the entire building was designed from recycled materials. Building materials containing carcinogenic chemicals were not used in the interior of the building.

The building measures the indoor air quality with carbon dioxide sensors and applies a very special air quality to the spaces where people are present. The building has very special acoustic equipment and is suitable for human health at the highest level.



### **LEED v4 Points**

Location and Transportation	3
Sustainable Sites	9
Water Efficiency	9
Energy and Atmosphere	19
Materials and Resources	4
Indoor Environmental Quality	8
Innovation in Design	8
TOTAL	60

### Services

LEED Certificate Consultancy

Design and Construction Consultancy

**Energy and Daylighting Modeling** 

Thermal Comfort Analysis







# SAĞLAM METAL KOCAELİ

SAĞLAM Metal Döküm Fabrikası **Building Type**: Office and Casting Production

: Kocaeli, Turkey SAĞLAM Metal **ECOBUILD** 

2021

LEED Gold - New Construction - v4



### **Project Information**

It is an office and factory-use building built by SAĞLAM Metal Company for Kocaeli OSB. It consists of Offices and Casting Factory Production departments. The building has been designed with the target of 6.000 m2 LEED® USGBC NC Gold certificate. It is being built. The building is the first LEED Gold certified office and factory building in Kocaeli. Starting from the concept design, consultancy service has been provided on the building's high performance energywater efficiency.

The building emits 40% less greenhouse gas emissions into the atmosphere. With 20 different technologies, it consumes 65% less energy than the buildings in Turkey. The building consumes 45% less water than the world average. The

Office and Factory building uses the gray water from the offices in the Factory toilets and produces 78% less waste water. 49% of the land where the building is located is green area. 75% of the waste generated during construction will be recycled. 25% of the entire building is designed from recycled materials. Building materials containing carcinogenic chemicals are not used in the interior of the building.

The building measures the indoor air quality with carbon dioxide sensors and applies a very special air quality to the places where people are. The building has very special acoustic equipment and is suitable for human health at the highest level.



# **LEED v4 Points**

Location and Transportation	2
Sustainable Sites	10
Water Efficiency	ç
Energy and Atmosphere	12
Materials and Resources	11
Indoor Environmental Quality	15
Innovation in Design	8
TOTAL	67

#### Services

**LEED Certificate Consultancy** 

Design and Construction Consultancy

Energy and Daylighting Modeling



Thermal Comfort Analysis







# **BUKET LAUNDRY FACTORY**

**Project Name**: Buket Laundry Factory **Building Type**: Office and Laundry Factory

: Antalya, Turkey Barut Group

Baraka Architecture

2023

LEED v4.1 OM -Gold



### **Project Information**

It is the washing facility of Barut Group Company's hotels in Antalya. The facility has the largest washing capacity in Antalya. The building located in Antalya OSB is LEED OM targeted. It consists of Offices and Washing Factory Production sections. The building was designed to target 6,184 m2 of LEED® USGBC OM Gold certification. Starting from the certification target, consultancy services were provided on making the building high-performance, energy-water efficient.

The building releases 40% less greenhouse gas emissions into the atmosphere. With 20 different technologies, it consumes 65% less energy than buildings in Turkey. The building consumes 45% less water than the world average.

The Office and Factory building uses the gray water from the offices in the Factory toilets and produces 78% less wastewater. 49% of the land where the building is located is green area. 75% of the waste generated during construction will be recycled. 25% of the entire building was designed from recycled materials. Building materials containing carcinogenic chemicals were not used in the interior of the building.

The building measures the indoor air quality with carbon dioxide sensors and applies a very special air quality to the spaces where people are present. The building has very special acoustic equipment and is suitable for human health at the highest level.



# LEED v4.1 Points

Location and Transportation	12
Sustainable Sites	8
Water Efficiency	10
Energy and Atmosphere	13
Materials and Resources	7
Indoor Environmental Quality	6
Innovation in Design	10
TOTAL	66

#### Services

**LEED Certificate Consultancy** 

Design and Construction Consultancy



Energy and Daylighting Modeling



Thermal Comfort Analysis





# TEZMAKSAN ROBOT FACTORY

Project Name : Tezmaksan Robot Factory **Building Type**: Robot Factory and Office

Sivas, Turkey

Tezmaksan Robotics A.Ş. **BG** Group Architecture

2023

LEED v4 NC -Gold



### **Project Information**

The project has a closed construction area of 14,750 m2 on a 53,772 m<sup>2</sup> parcel in the newly constructed Demirağ Organized Industrial Zone in Sivas province. The building located in Sivas OSB is LEED v4 NC Gold certified. Robot Factory consists of Production and Office sections. The building has been designed with the aim of LEED® USGBC v4 NC Gold certification since its design. Starting from the certification target, consultancy services were provided regarding the building's high performance, energy and water efficiency.

The building releases 50% less greenhouse gas emissions into the atmosphere. With 20 different technologies, it consumes 65% less energy than buildings in Turkey. The building consumes 65% less water than the world average.

The Office and Factory building uses the gray water from the offices in the Factory toilets and produces 95% less wastewater. 50% of the land where the building is located is green area. 95% of the waste generated during construction was recycled. 30% of the entire building is constructed from recycled materials. Building materials containing carcinogenic chemicals were not used in the interior of the building. The building measures the indoor air quality with carbon dioxide sensors and applies a very special air quality to the spaces where people are present.



### **LEED v4 Points**

Location and Transportation	2
Sustainable Sites	8
Water Efficiency	7
Energy and Atmosphere	25
Materials and Resources	4
Indoor Environmental Quality	8
Innovation in Design	10
TOTAL	64

#### Services

**LEED Certificate Consultancy** 

Design and Construction Consultancy

Energy and Daylighting Modeling

Thermal Comfort Analysis















# **CORUM STATE HOSPITAL**

Ministry of Health Hitit University Erol Olçok Training and Research Hospital

Healthcare Çorum, Turkey

BTC Yapı, Didoray Construction

BTC Yapı 2016

LEED for Healthcare v3 - Silver



# **Project Information**

It is the largest building in Corum. Consultancy services for LEED® Certification for the Green Building feature were provided from the beginning of the project. Building LEED® USGBC (United States Green Building Council) is certified in the LEED for Healthcare system. The building, which is used as a high standard and energy efficient hospital building, evaluates the existing used land.

The building is designed to meet healthcare criteria. All the energy consuming systems of the building as well as the hospital equipment are in LEED standards. All materials were selected according to the hospital criteria. The building has 91.000 m<sup>2</sup> open area and 130.000 m2 closed area and serves as a structure which is used by 3,800 people every day. Turkey is one of the first LEED Building Certificate Hospital.

Energy efficient compared to other hospitals in Turkey 87%, ASHRAE 90.1 energy efficient 46% compared with 2007. Building is %55 water efficient.



#### **LEED v3 Points**

Sustainable Sites	14
Water Efficiency	8
Energy and Atmosphere	15
Materials and Resources	5
Indoor Environmental Quality	7
Innovation in Design	6
TOTAL	55

### Services

LEED Certificatie Consultancy Design and Construction Consultancy

Energy and Daylighting Modeling

Thermal Comfort Analysis















# **ONCOLOGY HOSPITAL**

Project Name : Akdeniz University Oncology Hospital

**Building Type**: Hastane

: Antalya, Turkey

Turyapı Construction

Engin ACAR

2015

LEED for Healthcare v3 - Silver



# **Project Information**

LEED® Certification consultancy services were provided for the building.

Building LEED® USGBC (United States Green Building Council) is certified in the LEED for Healthcare system.

The building, which is used as a high standard and energy efficient hospital building, evaluates an existing used building and land.

The building is designed to meet hospital criteria. All the energy consuming systems of the building as well as the hospital equipment are in LEED standards. All materials were selected according to the hospital criteria.

The building has 35.000 m<sup>2</sup> open 24.500 m<sup>2</sup> closed area and serves as a building which is used by 2.000 people every day.



#### **LEED v3 Points**

Sustainable Sites	11
Water Efficiency	8
Energy and Atmosphere	7
Materials and Resources	10
Indoor Environmental Quality	4
Innovation in Design	10
TOTAL	50

#### Services

LEED Certificate Consultancy

Design and Construction Consultancy

**Energy and Daylighting Modeling** 

Thermal Comfort Analysis















# BAKIRKÖY HEALTH CAMPUS

Bakırköy Health Campus Hospital Buildings

Healthcare İstanbul, Turkey

Rönesans Construction Tabanlıoğlu Architecture

2018

LEED for Healthcare v3 - Gold



# **Project Information**

LEED® Certification consulting services are provided for the building. Building LEED® USGBC United States Green Building Council targets the Gold Certificate level in the LEED for Healthcare system.

The building to be used as a high standard and energy efficient hospital building evaluates an existing used building and urban land.

The building is designed in accordance with hospital criteria. All the energy consuming systems of the building as well as the hospital equipment are in LEED standards. All materials were selected according to the hospital criteria.

When the building is completed, it will serve as a building with 180.000 m<sup>2</sup> open and 122.000 m<sup>2</sup> closed area and used by 7.000 people every day.



#### **LEED v3 Points**

Sustainable Sites	14
Water Efficiency	7
Energy and Atmosphere	18
Materials and Resources	5
Indoor Environmental Quality	11
Innovation in Design	9
TOTAL	64

#### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

Energy and Daylighting Modeling



Thermal Comfort Analysis







# BEZMİALEM HOSPITAL

Bezmialem Vakfı Hospital Darülşafaka

Hospital

İstanbul, Turkey

Bezmialem Foundation Geyran Architecture

2018

LEED for Healthcare v4 - Gold



# **Project Information**

LEED® Certification consulting services are provided for the building. Building LEED® USGBC (United States Green Building Council) targets the Gold Certificate level in the LEED for Healthcare system.

The building to be used as a high standard and energy efficient hospital building evaluates an existing used building and the existing urban land where it is located.

The building is designed in accordance with hospital criteria. All the energy consuming systems of the building as well as the hospital equipment are in LEED standards. All materials were selected according to the hospital criteria.

When the building is completed, it will serve as a building which has 80.000 m<sup>2</sup> open and 250.000 m<sup>2</sup> closed area and is used by 12.000 people every day.



### **LEED v4 Points**

Entegre Tasarım	1
Yer Seçimi ve Ulaşım	7
Sürüdürülebilir Araziler	8
Water Efficiency	5
Energy and Atmosphere	24
Materials and Resources	12
Indoor Environmental Quality	9
Innovation in Design	8
TOTAL	74

#### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

**Energy and Daylighting Modeling** 

Thermal Comfort Analysis















# **BURSA CITY HOSPITAL**

Bursa City Hospital

Hospital

Bursa, Turkey

Ministry of Health

**ECOBUILD** 

2021

LEED for Healthcare v4 - Gold, Energy Efficiency



# **Project Information**

Energy efficiency consultancy services were provided for the building.

The building to be used as a high standard and energy efficient hospital building utilizes an existing used building and the existing urban land on which it is located.

The building was designed in accordance with hospital criteria. All energy consuming systems of the building as well as hospital equipment

are in LEED standards. All material selection of the building was made in hospital criteria.

The building serves as a structure with 750,000 m<sup>2</sup> open and 550,000 m<sup>2</sup> closed area, used by 12,000 people every day.



#### Services

**LEED Certificatie Consultancy** 

**Energy Efficiency Consultancy** 

Energy and Daylighting Modeling

Thermal Comfort Analysis









# KONYA FOOD and AGRICULTURE UNIVERSITY

Konya Food and Agriculture University Buildings University Campus, Education and Administrative

Konya, Turkey

Torku

Yazgan Architecture

2018

LEED for NC v4 - Gold



# **Project Information**

Konya Food and Agricultural University will be Turkey's first LEED® Certificated University Campus. LEED® Certification is provided for the campus and all buildings. Buildings LEED® USGBC (United States Green Building Council) targets LEED for Schools and the Gold Certificate level in the NC system. The project, which will be used as high standard, energy efficient education buildings, evaluates an existing used building and factory land.

Buildings are designed to meet LEED for Schools criteria. All the energy consuming systems of the buildings as well as the training equipment are in LEED standards. All material selection of the building was made according to training criteria.

When the project is completed, it will serve as a campus with 60.000 m<sup>2</sup> open and 25.500 m<sup>2</sup> closed area and used by 15.000 people every day.



#### **LEED v4 Points**

TOTAL	61
Innovation in Design	10
Indoor Environmental Quality	4
Materials and Resources	10
Energy and Atmosphere	7
Water Efficiency	10
Sustainable Sites	12
Location and Transportation	7
Integrated Design	1

#### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

Energy and Daylighting Modeling

Thermal Comfort Analysis







# **TURKEY UNION OF** MUNICIPALITIES ACADEMY

Turkey Union of Municipalities Academy Buildings

**Education and Administrative Offices** 

Ankara, TURKEY

Turkish Union of Municipalities

Aytaç ÖZEN - TÜMAŞ

2018

LEED for NC v3 - Gold



# **Project Information**

Turkey's first municipal academy will become a LEED® Certificated campus. LEED® Certification is provided for all buildings within the campus. Buildings LEED® USGBC (United States Green Building Council) targets LEED for New Construction System and the Gold Certificate level in the NC system. The project, which will be used as high standard, energy efficient education buildings, evaluates an existing used building and factory land. Buildings are

designed to meet LEED for New Construction criteria. All the energy consuming systems of the buildings as well as the training equipment are in LEED standards. All material selection of the structure was made according to training criteria.

When the project is completed, it will serve as a campus with 64.500 m<sup>2</sup> and 119.400 m<sup>2</sup> open area, which is used by 15.000 people every day.



#### **LEED v3 Points**

Sustainable Sites	19
Water Efficiency	8
Energy and Atmosphere	11
Materials and Resources	6
Indoor Environmental Quality	12
Innovation in Design	6
TOTAL	62

### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

**Energy and Daylighting Modeling** 

Thermal Comfort Analysis







# TÜRK TELEKOM DATA **CENTER**

Turkish Telekom Data Center Buildings

Data Center : Ankara, Turkey : Turkish Telekom

Uğur Project Company

2016

LEED Data Centers v3 - Gold



# **Project Information**

LEED® Certification consultancy services were provided for Data Center - Data Center Building located in Gölbaşı, Ankara.

The Building has received a LEED® Gold Certificate from USGBC (United States Green Building Council) in the LEED NC system.

It is used as a high standard and energy efficient data center design criteria and administrative building materials. The complex is currently

evaluating a used land. The building is designed for gray water conversion and stormwater use. The cooling system uses stormwater as water. Building using heat recovery system.

The building is 123.404 m<sup>2</sup> open and 14.500 m<sup>2</sup> closed area and is used by 800 people every day. This project is Turkey's first LEED® Certified Data Center Building.



### **LEED v3 Points**

Sustainable Sites	18
Water Efficiency	10
Energy and Atmosphere	12
Materials and Resources	14
Indoor Environmental Quality	13
Innovation in Design	1
TOTAL	68

### Services

**LEED Certificatie Consulting** 

Design and Construction Consultancy

**Energy and Daylighting Modeling** 

Thermal Comfort Analysis















# GÖÇMEN MACHINE

Göçmen Machine Factory Building

Factory and Offices Ankara, Turkey

Göçmen Machine Factory Company

**Architect Sinan Project** 

2019

LEED NC v3 - Gold



# **Project Information**

Consultancy services were provided for LEED® Certification for the Factory Building in Ankara 2<sup>nd</sup> Organized Industry Area.

The building stands out with its energy efficiency among the factories in Ankara.

The complex, which is used as a high standard and energy efficient factory and administrative building, evaluates an existing used land.

The building is designed for gray water conversion and stormwater use.

Rain water is used as cooling system water. The internal environment quality of the building has been kept high especially in the production area. The building has systems that evaluate Total VOC. The building has 10.000 m<sup>2</sup> open and 5.500 m<sup>2</sup> closed area and is used by 120 people every day.



#### LEED v4 Points

Integrated Design	1
Location and Transportation	16
Sustainable Sites	10
Water Efficiency	5
Energy and Atmosphere	7
Materials and Resources	3
Indoor Environmental Quality	9
Innovation in Design	10
TOTAL	61

#### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

**Energy and Daylighting Modeling** 

Thermal Comfort Analysis







# **ASELSAN** TECHNOPARK ISTANBUL

Aselsan Technopark İstanbul AR-GE (Research and Development) Building

AR-GE and Offices İstanbul, Turkey

**ASELSAN** 

Bütüner Architecture

2019

LEED NC v4 - Gold



### **Project Information**

ASELSAN Technopark Istanbul Office and R & D Building has an area of 31,000 m<sup>2</sup> and will be designed and constructed with the aim of LEED® USGBC NC Gold Certificate.

Turkey's first R & D and office buildings LEED Gold Certificated will carry the distinction of being the Technopark R & D building. The building is 50% energy efficient and 65% water efficient. It provides 10% of its energy from renewable energy. Starting from the concept design, consultancy services were provided on the high-performance energy-water efficiency of the building. Building shell optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort assessment, sound insulation performances of space surfaces, renewable energy systems, emission calculation services were provided.



#### LEED v4 Points

Integrated Design	1
Location and Transportation	16
Sustainable Sites	10
Water Efficiency	5
Energy and Atmosphere	7
Materials and Resources	3
Indoor Environmental Quality	9
Innovation in Design	10
TOTAL	61

#### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

Energy and Daylighting Modeling

Thermal Comfort Analysis















# TECHNOPARK ISTANBUL

İstanbul Stock Exchange Technopark Building

AR-GE and Offices İstanbul, Turkey Borsa İstanbul

Bütüner Architecture

2016

LEED NC v3 - Platinum



# **Project Information**

Istanbul Stock Exchange Finance Technopark Building has an area of 19.388 m<sup>2</sup> and is designed and constructed with the aim of LEED® USGBC NC Platinum Certificate.

Turkey's first LEED Platinumum building Certification will carry the distinction of being the Technopark R & D building. The building is 50% energy efficient and 65% water efficient. It provides 10% of its energy from renewable energy. Starting from the concept design,

consultancy services were provided on the highperformance energy-water efficiency of the building. Building shell optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort assessment, sound insulation performances of space surfaces, renewable energy systems, emission calculation services were provided.



### LEED v3 Points

Water Efficiency	10
Energy and Atmosphere	25
Materials and Resources	12
Indoor Environmental Quality	14
Innovation in Design	8
ΤΟΤΔΙ	90

### Services

LEED Certificatie Consultancy Design and Construction Consultancy

**Energy and Daylighting Modeling** 

Thermal Comfort Analysis













# TECHNOPARK OSTİM

Ostim Technopark Building

AR-GE and Offices Ankara, Turkey

OSTİM Organized Industrial Area

Bütüner Architecture

2016

LEED NC v3 - Platinum



# **Project Information**

OSTİM Technopark Building 20.750 m² is designed and built as targeted LEED® USGBC NC Platinum Certificate.

Turkey's second LEED Platinumum building Certificated will carry the distinction of being the technological R & D and Production Technopark building. The building is 50% energy efficient and 65% water efficient. It provides 10% of its energy from renewable energy. Starting from the concept design,

consultancy services were provided on the highperformance energy-water efficiency of the building. Building shell optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort assessment, sound insulation performances of space surfaces, renewable energy systems, emission calculation services were provided.



#### **LEED v3 Points**

Sustainable Sites	21
Water Efficiency	10
Energy and Atmosphere	24
Materials and Resources	12
Indoor Environmental Quality	14
Innovation in Design	8
TOTAL	00

#### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

Energy and Daylighting Modeling

Thermal Comfort Analysis















# **US EMBASSY IN YEMEN**

USA Embassy and Administration NOX Building

Office

Sana, Yemen

USA Department of State - OBO (Overseas Building Operations)

**HOK Architecture USA** 

2017

LEED NC v2.2 - Silver



# **Project Information**

LEED® Silver Certificated USA Sana Yemen Embassy Building has been designed and constructed as 5.500 m<sup>2</sup>. ECOBUILD is the first Turkish company to provide green building consultancy services to the US Department of State.

The building is the first LEED Silver Certificated building in Yemen. HOK Architects, one of the largest architects in the world, has been consulted on the concept of high performance

energy-water efficiency of the building starting from Concept design.

Building shell optimization studies, thermal and optical values of transparent components and acoustic performance values were provided. Daylight calculation, Glare control and visual comfort calculations, Thermal comfort assessment, Sound insulation performances of space surfaces were provided.



# LEED v2.2 Points

Sustainable Sites	5
Water Efficiency	3
Energy and Atmosphere	4
Materials and Resources	6
Indoor Environmental Quality	11
Innovation in Design	4
TOTAL	33

#### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

Energy and Daylighting Modeling

Thermal Comfort Analysis







# US EMBASSY OF PAPUA NEW GUINEA

US Papua New Guinea Embassy Administration Building

Office

Papua Yeni Gine

United States Department of State - OBO

KRUECK-SEXTON Architecture USA

2018

LEED NC v3 - Gold



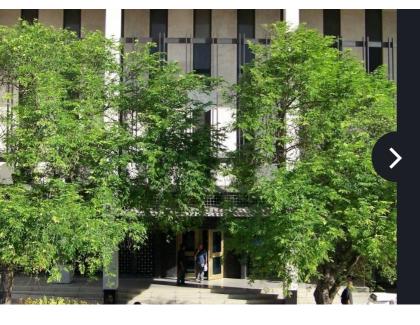
### **Project Information**

US Papua New Guinea Embassy Building has been designed and constructed as 5.000 m<sup>2</sup>. LEED® Gold Certificate.

The building is the first LEED Gold Certified building in New Guinea. SEXTON Architects, one of the largest architects in the world, has been consulted on the concept of high performance energy-water efficiency of the building starting from Concept design.

For the building, LEED® design and construction stage certification services were provided.

Building shell optimization studies, thermal and optical values of transparent components and acoustic performance values were provided. Daylight calculation, glare control and visual comfort calculations, thermal comfort evaluation, sound insulation performances of space surfaces were provided.



#### **LEED v3 Points**

Sustainable Sites	20
Water Efficiency	6
Energy and Atmosphere	23
Materials and Resources	2
Indoor Environmental Quality	9
Innovation in Design	6
TOTAL	66

### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

Energy and Daylighting Modeling

Thermal Comfort Analysis







# **US EMBASSY OF MANILA PHILIPPINES**

US Manila Philippines Embassy Administration NOX Building

Manila, Philippines

USA Department of State - OBO KRUECK-SEXTON Architecture ABD

2018

LEED NC v3 - Gold

# **Project Information**

LEED® Gold Certificated USA Manila Philippines Embassy Building has been designed and constructed as 4.500 m<sup>2</sup>.

The building is the first LEED Gold Certified building in Manila, Philippines. Starting from Concept Design, KRUECK SEXTON Architecture Company, one of the world's largest architects, has been advised on the high-performance energy-water efficiency of the building.

Consultancy services for the design and construction of the building LEED® Certification.

Building shell optimization studies, thermal and optical values of transparent components and acoustic performance values were provided. Daylight calculation, Glare control and visual comfort calculations, Thermal comfort assessment, Sound insulation performances of space surfaces were provided.



#### **LEED v3 Points**

Sustainable Sites	17
Water Efficiency	7
Energy and Atmosphere	18
Materials and Resources	4
Indoor Environmental Quality	11
Innovation in Design	7
TOTAL	64

### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

Energy and Daylighting Modeling

Thermal Comfort Analysis















# US EMBASSY OF MOSCOW RUSSIA NOX

US Moscow Russia Embassy Administration NOX Building

Moscow, Russia

USA Department of State - OBO

**HOK Architecture USA** 

2019

LEED EBOM v4 - Gold



# **Project Information**

US Moscow Russia Embassy Building has been designed and constructed as 8.750 m<sup>2</sup>. LEED® has received EBOM Gold Certificate.

The building is the first LEED EBOM Gold Certified building in Russia.

HOK Architects, is one of the largest architects firm in the world, has been consulted on the concept of high performance energy-water efficiency of the building starting from Concept

design. LEED® Certification consultancy services were provided for the building. Building shell optimization studies, thermal and optical values of transparent components and acoustic performance values were provided. Daylight calculation, Glare control and visual comfort calculations, Thermal comfort assessment, Sound insulation performances of space surfaces were provided.



#### **LEED v3 Points**

Sustainable Sites	17
Water Efficiency	7
Energy and Atmosphere	18
Materials and Resources	4
Indoor Environmental Quality	11
Innovation in Design	6
TOTAL	63

#### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

**Energy and Daylighting Modeling** 

Thermal Comfort Analysis















# US EMBASSY OF MOSCOW RUSSIA, OFFICE BUILDING

US Moscow Russia Embassy Office Building

Office Support Building

Moscow, Russia

:USA Department of State - OBO

**HOK Architecture USA** 

2019

LEED EBOM v4 - Gold



# **Project Information**

US Moscow Russia Embassy Building has been designed and built as 12.750 m<sup>2</sup>. LEED® has received EBOM Gold Certificate.

The building is the second LEED EBOM Gold Certificated building in Russia. HOK Architects, one of the largest architects group in the world, has been consulted on the concept of high performance energy-water efficiency of the building starting from Concept design. Consultancy services for the design and construction of the building LEED® Certification.

Building shell optimization studies, thermal and optical values of transparent components and acoustic performance values were provided. Daylight calculation, Glare control and visual comfort calculations, Thermal comfort assessment, Sound insulation performances of space surfaces were provided.





#### LEED v3 Points Sustainable Sites 17 Water Efficiency Energy and Atmosphere 18 Materials and Resources 4 Indoor Environmental 11 Quality 7 Innovation in Design **TOTAL** 64

#### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

Energy and Daylighting Modeling

Thermal Comfort Analysis















# GÜRBAĞ GROUP

Gürbağ Group Office Building

Office Building Ankara, Turkey

Gürbağ Construction Company Yazgan Architecture and Design

2019

LEED NC v3 - Gold

# **Project Information**

Gürbağ Holding Headquarters Building has been designed as 5.500 m<sup>2</sup> in Balgat, Ankara and its construction has been completed.

LEED® USGBC NC Gold Certificate is targeted. The building is the first LEED Gold Certificated office building in Ankara.

Starting from the concept design, consultancy services were provided on the highperformance energy-water efficiency of the building.

Building shell optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort assessment, sound insulation performances of space surfaces, renewable energy systems, emission calculation services were provided.



#### **LEED v3 Points**

Sustainable Sites	16
Water Efficiency	8
Energy and Atmosphere	10
Materials and Resources	12
Indoor Environmental Quality	14
Innovation in Design	8
TOTAL	68

#### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

**Energy and Daylighting Modeling** 

Thermal Comfort Analysis















# CARGILL OFFICE BUILDING

Cargill Office Building

Office Building Balıkesir, Turkey Cargill, Incorporated.

Factory Architecture and Design

2024

LEED NC v4 - Gold

# **Project Information**

Cargil Holding Headquarters Building in Balıkesir has been designed with the aim of LEED certification and its construction is ongoing.

It was designed to target LEED® v4 USGBC NC Gold certification. The building is the first LEED Gold certified office building in Balıkesir province. Starting from the concept design, consultancy services were provided on the highperformance energy-water efficiency of the building.

Building shell optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort assessment, sound insulation performances of space surfaces, renewable energy systems, emission calculation services were provided.



## **LEED v4 Points**

TOTAL	61
Innovation in Design	9
Indoor Environmental Quality	10
Materials and Resources	5
Energy and Atmosphere	21
Water Efficiency	7
Sustainable Sites	4
Location and Transportation	5

#### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

Energy and Daylighting Modeling

Thermal Comfort Analysis















# TENMAK HEADQUARTER BUILDING

Tenmak Headquarter Building

Office Building Ankara, Turkey

TENMAK, Turkish Energy, Nuclear and Mining Research Corporation

Yıldırım Project and Design

2024

LEED NC v4 - Gold



# **Project Information**

TENMAK, Turkish Energy, Nuclear and Mining Research Corporation Headquarters Building in Ankara was designed with the aim of LEED v4 Gold NC certification. The building will be put into use after the renovation of the existing building within the scope of major renovation. With this feature, using the structural system of the existing building reduces the carbon level within the building. A structure that is environmentally friendly, sensitive to human health and economical has been designed. Starting from the concept design, consultancy services were provided to ensure that the building was high-performance,

energy-water efficient. The building will be built with 65% water efficient, 55% energy efficient, 50% low carbon and 100% regional content.

Building envelope optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort evaluation, sound insulation performances of space surfaces, renewable energy systems and emission calculation services were provided.



#### **LEED v4 Points**

TOTAL	62
Innovation in Design	9
Indoor Environmental Quality	10
Materials and Resources	5
Energy and Atmosphere	15
Water Efficiency	7
Sustainable Sites	4
Location and Transportation	12

#### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

Energy and Daylighting Modeling

Thermal Comfort Analysis















# TENMAK OFFICE BUILDING

Tenmak Office Building

Office Building Ankara, Turkey

TENMAK, Turkish Energy, Nuclear and Mining Research Corporation

Yıldırım Project and Design

2024

LEED NC v4 - Gold



# **Project Information**

TENMAK, Turkish Energy, Nuclear and Mining Research Corporation Office Building in Ankara was designed with the aim of LEED v4 Gold NC certification. The building will be put into use after the renovation of the existing building within the scope of major renovation. With this feature, using the structural system of the existing building reduces the carbon level within the building. A structure that is environmentally friendly, sensitive to human health and economical has been designed. Starting from the concept design, consultancy services were provided to ensure that the building was high-performance,

energy-water efficient. The building will be built with 65% water efficient, 55% energy efficient, 50% low carbon and 100% regional content.

Building envelope optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort evaluation, sound insulation performances of space surfaces, renewable energy systems and emission calculation services were provided.



# **LEED v4 Points**

TOTAL	62
Innovation in Design	9
Indoor Environmental Quality	10
Materials and Resources	5
Energy and Atmosphere	15
Water Efficiency	7
Sustainable Sites	4
Location and Transportation	12

#### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

Energy and Daylighting Modeling

Thermal Comfort Analysis







# TENMAK SOCIAL BUILDING

Tenmak Social Building

Social and Cultural Facility Building

Ankara, Turkey

TENMAK, Turkish Energy, Nuclear and Mining Research Corporation

Yıldırım Project and Design

2024

LEED NC v4 - Gold



# **Project Information**

TENMAK, Turkish Energy, Nuclear and Mining Research Corporation Social and Cultural Facility Building in Ankara was designed with the aim of LEED v4 Gold NC certification. The building will be put into use after the renovation of the existing building within the scope of major renovation. With this feature, using the structural system of the existing building reduces the carbon level within the building. A structure that is environmentally friendly, sensitive to human health and economical has been designed. Starting from the concept design, consultancy services were provided to ensure that the building

was high-performance, energy-water efficient. The building will be built with 65% water efficient, 55% energy efficient, 50% low carbon and 100% regional content.

Building envelope optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort evaluation, sound insulation performances of space surfaces, renewable energy systems and emission calculation services were provided.



## **LEED v4 Points**

TOTAL	64
Innovation in Design	9
Indoor Environmental Quality	12
Materials and Resources	5
Energy and Atmosphere	15
Water Efficiency	7
Sustainable Sites	4
Location and Transportation	12

#### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

Energy and Daylighting Modeling

Thermal Comfort Analysis







# YEDAŞ BUILDING

Yedaş Administration Building

Office

Samsun, Turkey

YEDAŞ Electricity Distribution Company Onur KIRÇAL, Partners Architecture

2014

LEED NC v3 - Platinumum



# **Project Information**

The management building of Çalık Yedaş Energy Distribution Company is designed and constructed with the aim of 5,500 m<sup>2</sup> LEED® USGBC NC Platinumum Certificate.

Turkey's second LEED Platinumum building Certification will carry the distinction of being the administration building. The building is 50% energy efficient and 65% water efficient. It provides 10% of its energy from renewable energy. Starting from the concept design,

consultancy services were provided on the highperformance energy-water efficiency of the building. Building shell optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort assessment, sound insulation performances of space surfaces, renewable energy systems, emission calculation services were provided.



#### **LEED v3 Points**

Sustainable Sites	21
Water Efficiency	10
Energy and Atmosphere	25
Materials and Resources	12
Indoor Environmental Quality	14
Innovation in Design	8
TOTAL	90

#### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

Energy and Daylighting Modeling

Thermal Comfort Analysis















# ESKİŞEHİR CHAMBER OF COMMERCE

Eskişehir Chamber of Commerce Office Building

Office Building Eskişehir, Turkey

Eskişehir Chamber of Commerce

Yazgan Architecture

2018

LEED NC v3 - Gold



# **Project Information**

Eskişehir Chamber of Commerce Administration Building has been designed in Eskişehir as 22.000 m<sup>2</sup> and its construction is finished. This Building has received USGBC LEED® NC Gold Certificate.

Besides being the first LEED Gold Certificated building in Eskişehir, it is the first green trade union building. Starting from the concept design, consultancy services were provided on the high-performance energy-water efficiency of the building. 45% energy and 55% waterefficient building.Building shell optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort assessment, sound insulation performances of space surfaces, renewable energy systems, emission calculation services were provided.



#### **LEED v3 Points**

Sustainable Sites	18
Water Efficiency	10
Energy and Atmosphere	13
Materials and Resources	6
Indoor Environmental Quality	10
Innovation in Design	8
TOTAL	65

## Services

LEED Certificatie Consultancy

Design and Construction Consultancy

Energy and Daylighting Modeling

Thermal Comfort Analysis







# **ETO CONFERENCE CENTER**

Eskisehir Chamber of Commerce Conference Center Building

Conference Center Building

Eskişehir, Turkey

Eskişehir Chamber of Commerce

Yazgan Architecture

2018

LEED NC v3 - Gold



# **Project Information**

Eskişehir Chamber of Commerce Conference Center Building is designed as 20.000 m<sup>2</sup> in Eskişehir and its construction is finished. The Building has received USGBC LEED® NC Gold Certificate.

The building is the second LEED Gold Certificated building in Eskişehir and the first green conference center building in Turkey. Starting from the concept design, consultancy services were provided on the highperformance energy-water efficiency of the building. 45% energy and 55% water-efficient building. Building shell optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort assessment, sound insulation performances of space surfaces, renewable energy systems, emission calculation services were provided.



#### **LEED v3 Points**

Sustainable Sites	18
Water Efficiency	10
Energy and Atmosphere	13
Materials and Resources	6
Indoor Environmental Quality	10
Innovation in Design	8
TOTAL	65

#### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

**Energy and Daylighting Modeling** 

Thermal Comfort Analysis





# **ISTANBUL YOUTH SPORTS** PROVINCIAL DIRECTORATE

Istanbul Youth Sports Provincial Directorate Building

Office

İstanbul, Turkey

Istanbul Youth Sports Provincial Directorate

Alper AKSOY Architecture

2015

LEED NC v3 - Gold



# **Project Information**

Istanbul Youth Sports Provincial Directorate Building has been designed as 7.500 m<sup>2</sup> in Istanbul and its construction is finished. This Building has received USGBC LEED® NC Gold Certificate.

The building is Istanbul's first LEED Gold Certificated public building and the first green administrative center building. Starting from the concept design, consultancy services were provided on the high-performance energywater efficiency of the building. It operates as a 30% energy and 45% water efficient building. Building shell optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort assessment, sound insulation performances of space surfaces, renewable energy systems, emission calculation services were provided.



## LEED v3 Points

Sustainable Sites	22
Water Efficiency	10
Energy and Atmosphere	15
Materials and Resources	6
Indoor Environmental Quality	12
Innovation in Design	8
TOTAL	72

## Services

LEED Certificatie Consultancy

Design and Construction Consultancy

Energy and Daylighting Modeling

Thermal Comfort Analysis







# BARBAROS HAYRETTIN PAŞA MOSQUE

Barbaros Hayrettin Paşa Mosque Building

Mosque

İstanbul, Turkey **ASL** Construction **ASL** Construction

2021

LEED NC v4 - Gold



## Proje Bilgileri

Barbaros Hayrettin Pasha Mosque is located in Levent Istanbul. Mosque as a religious structure is the first LEED Certified building in Turkey. In addition, the first building in Turkey WELL HSR Covid-19 with the Healthy Building Certificate. The project was designed and built with the aim of LEED Gold and WELL HSR Covid-19 Healthy Building. The building has very special protection conditions against Covid-19. Besides the mosque's religious use areas courtyards, there are offices for religious officials and service areas that will serve visitors. The building has a 900-vehicle covered car park. In the closed-storey car park area, space was reserved for 900 racs, 36 of which electric charging stations were built. The building is 12.500 m<sup>2</sup> in size, including the car parks. LEED deserves the USGBC NC Gold certificate with many sustainability goals.

The first LEED Gold certified building in Turkey bears the distinction of being the mosque structure. Starting from the concept design, consultancy service has been provided for the building to be highperformance energy-water efficient.

The building has sustainability goals. It emits 39% less greenhouse gas emissions. 22 consumes 50% less energy than buildings in Turkey with different technologies. The building has a roof and a courtyard, 100% of which do not have the effect of a heat island. The building consumes 65% less water than the world average. It uses the water from the rainwater harvest in its toilets and produces 80% less waste water. 40% of the land where the building is located is green area. 95% of the waste generated during construction was recycled. 25% of the entire building is built from recycled material. Building materials containing carcinogenic chemicals were not used in the interior of the building. The building measures indoor air quality with carbon dioxide sensors and applies a very special air quality to places such as haram where people are. The building has special acoustic equipment and is optimally suited to employee health in religious areas and offices.



## **LEED v4 Points**

TOTAL	<b>61</b>
Innovation in Design	9
Indoor Environmental Quality	9
Materials and Resources	4
Energy and Atmosphere	8
Water Efficiency	8
Sustainable Sites	10
Location and Transportation	13

## Services

**LEED Certificate Consultancy** 

Design and Construction Consultancy

**Energy and Daylighting Modeling** 

Thermal Comfort Analysis



















# ÖZALTIN HAYAT YENİŞEHİR RESIDENCES

Özaltın Hayat Yenişehir Residences

Residential Mersin, Turkey

Özaltın Construction

ECOBUILD, Özaltın, NEGNA

2021

LEED NC v4 - Gold



## Proje Bilgileri

The building has received LEED Gold Certificate. The project is Mersin's first LEED Certified green housing project. Özaltın Hayat Yenişehir Houses project was designed and completed with 17 residences and 10.000 m<sup>2</sup>. NC USGBC LEED® Gold certification was awarded the project LEED green campus planning and criteria to apply for the first time in open areas in Turkey. Starting from the concept design, consultancy services have been

provided for the buildings to be energy-efficient with high performance.

Building envelope optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort evaluation, sound insulation performances of space surfaces, renewable energy systems, emission calculation services were provided.



#### **LEED v4 Points**

TOTAL	65
Innovation in Design	9
Indoor Environmental Quality	11
Materials and Resources	3
Energy and Atmosphere	11
Water Efficiency	11
Sustainable Sites	6
Location and Transportation	14

#### Services

**LEED Certificatie Consultancy** 

Design and Construction Consultancy

**Energy and Daylighting Modeling** 

Thermal Comfort Analysis















# MARVISTA CONSTRUCTION RESIDENCES

Marvista Yenişehir Residences

Residential Mersin, Turkey

Marvista Construction

Fatma Yalçın

2024

LEED NC v4 - Gold

# Proje Bilgileri

The building is targeted for LEED Gold Certification. The project is one of the first LEED Certified green housing projects in Mersin Yenişehir District.

Marvista Yenişehir Residences project has been designed as 7,000 m2 and is being built. Starting from the concept design of the project, consultancy services were provided to ensure that the buildings were high-performance, energy-water efficient.

Building envelope optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort evaluation, sound insulation performances of space surfaces, renewable energy systems and emission calculation services were provided.



## **LEED v4 Points**

TOTAL	64
Innovation in Design	9
Indoor Environmental Quality	11
Materials and Resources	3
Energy and Atmosphere	12
Water Efficiency	11
Sustainable Sites	6
Location and Transportation	12

#### Services

**LEED Certificatie Consultancy** 

Design and Construction Consultancy

**Energy and Daylighting Modeling** 

Thermal Comfort Analysis















# TEPE-MESA PARK MOZAİK RESIDENTIAL CAMPUS

Tepe-Mesa Park Mosaic Residential Campus

Campus with housing, open spaces, commercial and social facilities

Ankara, Turkey

**TEPE Mesa Joint Venture** 

Ali Osman ÖZTÜRK, A Design Architecture

2019

LEED NC v3 - Gold-Campus



# **Project Information**

Turkey's first LEED project Certificated is a green campus. TEPE-MESA Park Mosaic Houses project has been designed and completed as 885 houses and 149.000 m<sup>2</sup>. USGBC LEED® Gold NC campus for the first time to apply the Certificate area of green open spaces and campus planning criteria in Turkey has been awarded LEED Certificate. Starting from the concept design, consultancy services were

provided on the high-performance energywater efficiency of the buildings.

Building shell optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort assessment, sound insulation performances of space surfaces, renewable energy systems, emission calculation services were provided.



## **LEED v3 Points**

Sustainable Sites	23
Water Efficiency	10
Energy and Atmosphere	9
Materials and Resources	6
Indoor Environmental Quality	10
Innovation in Design	9
TOTAL	67

#### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

**Energy and Daylighting Modeling** 

Thermal Comfort Analysis







# TEPE-MESA PARK MOZAİK BLOCK A

Tepe-Mesa Park Mosaic Houses Block A

Housing

Ankara, Turkey

**TEPE Mesa Joint Venture** Ali Osman ÖZTÜRK, A Design

2019

LEED NC v3 - Gold

# **Project Information**

Turkey's first LEED project Certificated is a green campus. TEPE-MESA Park Mosaic Houses project has been designed and completed as 885 houses and 149.000 m<sup>2</sup>.

USGBC LEED® Gold NC campus for the first time to apply the Certificate area of green open spaces and campus planning criteria in Turkey has been awarded LEED Certificate. Starting from the concept design, consultancy services

were provided on the high-performance energy-water efficiency of the buildings.

Building shell optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort assessment, sound insulation performances of space surfaces, renewable energy systems, emission calculation services were provided.



# LEED v3 Points

Sustainable Sites	23
Water Efficiency	10
Energy and Atmosphere	9
Materials and Resources	6
Indoor Environmental Quality	10
Innovation in Design	9
TOTAL	67

#### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

Energy and Daylighting Modeling

Thermal Comfort Analysis















# TEPE-MESA PARK MOZAİK BLOCK B

Tepe-Mesa Park Mosaic Houses Block B

Housing

Ankara, Turkey

**TEPE Mesa Joint Venture** Ali Osman ÖZTÜRK, A Design

2019

LEED NC v3 - Gold

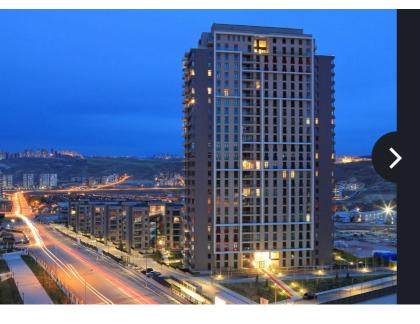
# **Project Information**

Turkey's first LEED project Certificated is a green campus. TEPE-MESA Park Mosaic Houses project has been designed and completed as 885 houses and 149.000 m<sup>2</sup>.

USGBC LEED® Gold NC campus for the first time to apply the Certificate area of green open spaces and campus planning criteria in Turkey has been awarded LEED Certificate. Starting from the concept design, consultancy services

were provided on the high-performance energy-water efficiency of the buildings.

Building shell optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort assessment, sound insulation performances of space surfaces, renewable energy systems, emission calculation services were provided.



# LEED v3 Points

67
9
10
6
9
10
23

#### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

Energy and Daylighting Modeling



Thermal Comfort Analysis







# TEPE-MESA PARK MOZAİK BLOCK C

Tepe-Mesa Park Mosaic Houses Block C

Housing

Ankara, Turkey

**TEPE Mesa Joint Venture** Ali Osman ÖZTÜRK, A Design

2019

LEED NC v3 - Gold

# **Project Information**

Turkey's first LEED project Certificated is a green campus. TEPE-MESA Park Mosaic Houses project has been designed and completed as 885 houses and 149.000 m<sup>2</sup>.

USGBC LEED® Gold NC campus for the first time to apply the Certificate area of green open spaces and campus planning criteria in Turkey has been awarded LEED Certificate. Starting from the concept design, consultancy services

were provided on the high-performance energy-water efficiency of the buildings.

Building shell optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort assessment, sound insulation performances of space surfaces, renewable energy systems, emission calculation services were provided.



# LEED v3 Points

Sustainable Sites	23
Water Efficiency	10
Energy and Atmosphere	9
Materials and Resources	6
Indoor Environmental Quality	10
Innovation in Design	9
TOTAL	67

#### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

**Energy and Daylighting Modeling** 

Thermal Comfort Analysis















# TEPE-MESA PARK MOZAİK BLOCK D

Tepe-Mesa Park Mosaic Houses Block D

Housing

Ankara, Turkey

**TEPE Mesa Joint Venture** Ali Osman ÖZTÜRK, A Design

2019

LEED NC v3 - Gold

# **Project Information**

Turkey's first LEED project Certificated is a green campus. TEPE-MESA Park Mosaic Houses project has been designed and completed as 885 houses and 149.000 m<sup>2</sup>.

USGBC LEED® Gold NC campus for the first time to apply the Certificate area of green open spaces and campus planning criteria in Turkey has been awarded LEED Certificate. Starting from the concept design, consultancy services

were provided on the high-performance energy-water efficiency of the buildings.

Building shell optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort assessment, sound insulation performances of space surfaces, renewable energy systems, emission calculation services were provided.



#### **LEED v3 Points**

Sustainable Sites	23
Water Efficiency	10
Energy and Atmosphere	9
Materials and Resources	6
Indoor Environmental Quality	10
Innovation in Design	9
TOTAL	67

#### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

**Energy and Daylighting Modeling** 

Thermal Comfort Analysis















# TEPE-MESA PARK MOZAİK BLOCK E

Tepe-Mesa Park Mosaic Houses Block E

Housing

Ankara, Turkey

**TEPE Mesa Joint Venture** Ali Osman ÖZTÜRK, A Design

2019

LEED NC v3 - Gold

## **Project Information**

Turkey's first LEED project Certificated is a green campus. TEPE-MESA Park Mosaic Houses project has been designed and completed as 885 houses and 149.000 m<sup>2</sup>.

USGBC LEED® Gold NC campus for the first time to apply the Certificate area of green open spaces and campus planning criteria in Turkey has been awarded LEED Certificate. Starting from the concept design, consultancy services

were provided on the high-performance energy-water efficiency of the buildings.

Building shell optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort assessment, sound insulation performances of space surfaces, renewable energy systems, emission calculation services were provided.



#### **LEED v3 Points**

Sustainable Sites	23
Water Efficiency	10
Energy and Atmosphere	9
Materials and Resources	6
Indoor Environmental Quality	10
Innovation in Design	9
TOTAL	67

#### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

Energy and Daylighting Modeling

Thermal Comfort Analysis















# TEPE-MESA PARK MOZAİK BLOCK F

Tepe-Mesa Park Mosaic Houses Block F

Housing

Ankara, Turkey

**TEPE Mesa Joint Venture** : Ali Osman ÖZTÜRK, A Design

2019

LEED NC v3 - Gold

# **Project Information**

Turkey's first LEED project Certificated is a green campus. TEPE-MESA Park Mosaic Houses project has been designed and completed as 885 houses and 149.000 m<sup>2</sup>.

USGBC LEED® Gold NC campus for the first time to apply the Certificate area of green open spaces and campus planning criteria in Turkey has been awarded LEED Certificate. Starting from the concept design, consultancy services

were provided on the high-performance energy-water efficiency of the buildings.

Building shell optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort assessment, sound insulation performances of space surfaces, renewable energy systems, emission calculation services were provided.



#### **LEED v3 Points**

Sustainable Sites	23
Water Efficiency	10
Energy and Atmosphere	9
Materials and Resources	6
Indoor Environmental Quality	10
Innovation in Design	9
TOTAL	67

#### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

**Energy and Daylighting Modeling** 

Thermal Comfort Analysis







# TEPE-MESA PARK MOZAİK BLOCK G

Tepe-Mesa Park Mosaic Houses Block G

Housing

Ankara, Turkey

**TEPE Mesa Joint Venture** Ali Osman ÖZTÜRK, A Design

2019

LEED NC v3 - Gold

## **Project Information**

Turkey's first LEED project Certificated is a green campus. TEPE-MESA Park Mosaic Houses project has been designed and completed as 885 houses and 149.000 m<sup>2</sup>.

USGBC LEED® Gold NC campus for the first time to apply the Certificate area of green open spaces and campus planning criteria in Turkey has been awarded LEED Certificate. Starting from the concept design, consultancy services

were provided on the high-performance energy-water efficiency of the buildings.

Building shell optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort assessment, sound insulation performances of space surfaces, renewable energy systems, emission calculation services were provided.



#### **LEED v3 Points**

Sustainable Sites	23
Water Efficiency	10
Energy and Atmosphere	9
Materials and Resources	6
Indoor Environmental Quality	10
Innovation in Design	9
TOTAL	67

#### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

**Energy and Daylighting Modeling** 

Thermal Comfort Analysis















# TEPE-MESA PARK MOZAİK BLOCK H

Tepe-Mesa Park Mosaic Houses Block H

Housing

Ankara, Turkey

**TEPE Mesa Joint Venture** Ali Osman ÖZTÜRK, A Design

2019

LEED NC v3 - Gold

# **Project Information**

Turkey's first LEED project Certificated is a green campus. TEPE-MESA Park Mosaic Houses project has been designed and completed as 885 houses and 149.000 m<sup>2</sup>.

USGBC LEED® Gold NC campus for the first time to apply the Certificate area of green open spaces and campus planning criteria in Turkey has been awarded LEED Certificate. Starting from the concept design, consultancy services

were provided on the high-performance energy-water efficiency of the buildings.

Building shell optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort assessment, sound insulation performances of space surfaces, renewable energy systems, emission calculation services were provided.



# LEED v3 Points

Sustainable Sites	23
Water Efficiency	10
Energy and Atmosphere	9
Materials and Resources	6
Indoor Environmental Quality	10
Innovation in Design	9
TOTAL	67

#### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

**Energy and Daylighting Modeling** 

Thermal Comfort Analysis







# **ECOLOGIC HOUSE** KONYA MUNICIPALITY

**Ecologic House Konya Metropolitan Municipality** 

Housing Konya, Turkey

Konya Metropolitan Municipality

**ECOBUILD** 2018

LEED for Homes v3 - Platinumum



# **Project Information**

The project, which was built by Konya Metropolitan Municipality, was designed as LEED for Homes Platinumum and is under construction.

The building Turkey's first LEED Certificated Building will carry the distinction of being the low-rise residential buildings.

Starting from the concept design, consultancy services were provided on the high performance energy-water efficiency of the buildings. LEED® Certification consultancy services for the building are currently available.

Monthly/Annual heating-cooling-lighting energy needs and consumption, building shell optimization studies, transparent component thermal and optical values and acoustic performance values were provided.

Daylight calculation, glare control and visual comfort calculations, thermal comfort assessment, sound insulation performances of space surfaces, renewable energy systems and emission calculation services were provided.



#### **LEED v3 Points**

Sustainable Sites	30
Water Efficiency	13
Energy and Atmosphere	20
Materials and Resources	12
Indoor Environmental Quality	18
Innovation in Design	8
TOTAL	101

## Services

LEED Certificatie Consultancy

Design and Construction Consultancy

Energy and Daylighting Modeling

Thermal Comfort Analysis







# SURYAPI HOUSING PROJECT

Antalya Sur Yapı

Housing

Antalya, Turkey

Sur Yapı

Şeyda Adıgüzel

2019

LEED NC v3 - Gold



# **Project Information**

The project, which was built by SUR Yapı, was designed with the aim of LEED NC Gold and the construction is ongoing.

Green Building LEED Certificates Feasibility studies were conducted and feasibility studies of all sustainable performance topics integrated into the building were reported.

LEED® Certification feasibility consultancy services for the building are still available.

Monthly / Annual heating-cooling-lighting energy needs and consumption, building shell optimization studies, transparent component thermal and optical values and acoustic performance values were provided.

Daylight calculation, glare control and visual comfort calculations, thermal comfort assessment, sound insulation performances of space surfaces, renewable energy systems and emission calculation services were provided.



#### **LEED v3 Points**

Sustainable Sites	23
Water Efficiency	10
Energy and Atmosphere	9
Materials and Resources	6
Indoor Environmental Quality	10
Innovation in Design	9
TOTAL	67

#### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

**Energy and Daylighting Modeling** 

Thermal Comfort Analysis















# ÇAYIROVA NATIONAL GARDEN CAFETERIA

Kocaeli Municipality Çayırova Nation Garden Cafeteria Building

Cafeteria

Kocaeli, Turkey

Kocaeli Municipality Neslihan Karabulut

2024

LEED NC v4 - Gold



## **Project Information**

Kocaeli Metropolitan Municipality designed and constructed the buildings located in Cayırova and Darica Milet Gardens with the aim of LEED certification. All projects of the Cafeteria were designed within the municipality itself and its construction was completed. It is LEED® USGBC v4 NC Gold certified. The building is Turkey's first LEED certified cafeteria building. The building also has the feature of an education center that enables our young people, who will be our new generation, to receive green building training.

Building envelope optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort evaluation, sound insulation performances of space surfaces, renewable energy systems and emission calculation services were provided.



#### LEED v4 Points

Integrated Design	0
Location and Transportation	14
Sustainable Sites	1
Water Efficiency	6
Energy and Atmosphere	13
Materials and Resources	9
Indoor Environmental Quality	9
Innovation in Design	10
TOTAL	62

#### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

Energy and Daylighting Modeling



Thermal Comfort Analysis





# ÇAYIROVA NATIONAL GARDEN RESTAURANT

Kocaeli Municipality Çayırova Nation Garden Restaurant Building

Restaurant

Kocaeli, Turkey

Kocaeli Municipality Neslihan Karabulut

2024

LEED NC v4 - Gold



## **Project Information**

Kocaeli Metropolitan Municipality designed and constructed the buildings located in Cayırova and Darica Milet Gardens with the aim of LEED certification. All projects of the Cafeteria were designed within the municipality itself and its construction was completed. It is LEED® USGBC v4 NC Gold certified. The building is Turkey's first LEED certified cafeteria building. The building also has the feature of an education center that enables our young people, who will be our new generation, to receive green building training.

Building envelope optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort evaluation, sound insulation performances of space surfaces, renewable energy systems and emission calculation services were provided.



#### LEED v4 Points

Integrated Design	0
Location and Transportation	14
Sustainable Sites	1
Water Efficiency	6
Energy and Atmosphere	13
Materials and Resources	9
Indoor Environmental Quality	9
Innovation in Design	10
TOTAL	62

#### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

Energy and Daylighting Modeling

Thermal Comfort Analysis















# DARICA NATIONAL GARDEN RESTAURANT

Kocaeli Municipality Çayırova Nation Garden Restaurant Building

Restaurant

Kocaeli, Turkey

Kocaeli Municipality

Esra Özcan

2024 LEED NC v4 - Gold



## **Project Information**

Kocaeli Metropolitan Municipality designed and constructed the buildings located in Cayırova and Darica Milet Gardens with the aim of LEED certification. All projects of the restaurant were designed within the municipality itself and its construction was completed. It is LEED® USGBC v4 NC Gold certified. The building is Turkey's first LEED certified restaurant building. The building also has the feature of an education center that enables our young people, who will

be our new generation, to receive green building training.

Building envelope optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort evaluation, sound insulation performances of space surfaces, renewable energy systems and emission calculation services were provided.



#### LEED v4 Points

Integrated Design	0
Location and Transportation	14
Sustainable Sites	1
Water Efficiency	6
Energy and Atmosphere	13
Materials and Resources	9
Indoor Environmental Quality	9
Innovation in Design	10
TOTAL	62

#### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

Energy and Daylighting Modeling

Thermal Comfort Analysis





# SİŞLİ MUNICIPALITY NURSERY AND LIBRARY

: 19 Mayıs Mehmet Emin Sungur Complex Nursery And Library

Nursery and Library İstanbul, Turkey Şişli Municipality **Burak AVCI** 

2019

LEED NC v4 - Gold



# **Project Information**

İstanbul Şişli Municipality, Şişli 19 May Children's Book Reading Nursery, Play Library and Day Nursing Home Project was designed as 650 m<sup>2</sup> and its construction was completed. LEED® is USGBC NC Gold Certified.

Turkey's first LEED building bears Certified nursery and nursing home center building that feature. The building is also an educational center that allows our new generation children to receive green building education.

Children using the building will learn about the green building features in each area of the building. Building shell optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort evaluation, sound insulation of space surfaces performances, renewable energy systems and emission calculation services were provided.



#### LEED v4 Points

TOTAL	61
Innovation in Design	10
Indoor Environmental Quality	9
Materials and Resources	3
Energy and Atmosphere	7
Water Efficiency	5
Sustainable Sites	10
Location and Transportation	16
Integrated Design	1

#### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

Energy and Daylighting Modeling

Thermal Comfort Analysis















# ISTANBUL UNUVERSITY **LIBRARY**

19 Mayıs Mehmet Emin Sungur Complex Nursery And Library

Nursery and Library İstanbul, Turkey Şişli Municipality

Nail Mahir Korkmaz, Neşe Karaçay

2023

LEED v4 NC - Gold

# **Project Information**

Istanbul University Library Project has been designed as 12.707 m2 and its construction has been completed. LEED® v4 USGBC NC Gold certified. The building is an energy and water efficient library headquarters building. The building also has the feature of an education center that allows our young people, who will be our new generation, to receive education in a green building. Young people using the building receive information about the green

building features in every part of the building. Building envelope optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort evaluation, sound insulation performances of space surfaces, renewable energy systems and emission calculation services were provided.



#### LEED v4 Points

TOTAL	61
Innovation in Design	10
Indoor Environmental Quality	7
Materials and Resources	3
Energy and Atmosphere	13
Water Efficiency	7
Sustainable Sites	7
Location and Transportation	13
Integrated Design	1

#### Services

LEED Certificatie Consultancy Design and Construction Consultancy

Energy and Daylighting Modeling

Thermal Comfort Analysis















# TEİ MOTOR INDUSTRY **NURSERY AND SOCIAL FACILITY**

TEİ Eskişehir Motor Industry Nursery and Social Facility

Nursery and Social Facility

Eskişehir, Turkey

TEİ Eskisehir Motor Industry

Adnan AKSU, AZAKSU Architecture

2019

LEED NC v4 - Gold

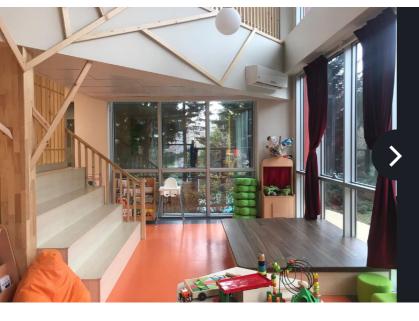


# **Project Information**

TEİ Eskişehir Motor Industry Nursery and Social Facility Project has been designed as 650 m<sup>2</sup> and construction has been completed. LEED® is USGBC NC Gold Certified.

Turkey's second LEED building bears Certificated nursery and nursing home center building that feature. The building is also an educational center that allows our new generation children to receive green building education.

Children using the building will learn about the green building features in each area of the building. Building shell optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort assessment, sound insulation performances of space surfaces, renewable energy systems, emission calculation services were provided.



#### LEED v4 Points

IP	Integrated Design	1
	Location and Transportation	15
	Sustainable Sites	10
	Water Efficiency	5
	Energy and Atmosphere	7
	Materials and Resources	3
	Indoor Environmental Quality	9
	Innovation in Design	10
	TOTAL	40

#### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

Energy and Daylighting Modeling

Thermal Comfort Analysis Commissioning







# MERSIN YENIŞEHIR MUNICIPALITY **NURSERY AND SOCIAL FACILITY**

Mersin Yenişehir Municipality Nursery and Social Facility

Nursery and Social Facility

Mersin, Turkey

Mersin Yenişehir Municipality

Ecobuild 2020

LEED NC v4 - Gold



## **Project Information**

Mersin Yenişehir Municipality Nursery and Social Facility Project has been designed as 1.150 m<sup>2</sup> and construction has been completed. LEED® is USGBC NC Gold Certified.

Turkey's third LEED building Certificated nursery and nursing home center building that feature. The building is also an educational center that allows our new generation children to receive green building education.

Children using the building will learn about the green building features in each area of the building. Building shell optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort assessment, sound insulation performances of space surfaces, renewable energy systems, emission calculation services were provided.



#### **LEED v4 Points**

Integrated Design	1
Location and Transportation	7
Sustainable Sites	7
Water Efficiency	9
Energy and Atmosphere	11
Materials and Resources	4
Indoor Environmental Quality	12
Innovation in Design	10
TOTAL	61

#### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

Energy and Daylighting Modeling

Thermal Comfort Analysis







# SANKO HOLDING GAZIANTEP MANAGEMENT OFFICE A BLOCK

SANKO Holding Gaziantep Management Office A Block

Office

Gaziantep, Turkey **SANKO** Holding

Şerbetçioğlu Architecture

2019

LEED NC v4 - Platinum



# **Project Information**

SANKO Gaziantep Administration Building Project has been designed as 8.000 m<sup>2</sup>.

The LEED® USGBC NC Platinumum Certificate is targeted. The building is the first LEED Certificated office building in Gaziantep.

Building shell optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight analysis, glare control and visual comfort calculations, thermal comfort assessment, sound insulation performances of space surfaces, renewable energy systems, emission calculation services were provided.

The project uses renewable energy and is constructed in accordance with high acoustic and air quality standards. As the most energy efficient building in Gaziantep, it will be an example for many buildings.



#### **LEED v4 Points**

TOTAL	88
Innovation in Design	8
Indoor Environmental Quality	15
Materials and Resources	11
Energy and Atmosphere	26
Water Efficiency	9
Sustainable Sites	10
Location and Transportation	8
Integrated Design	1

### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

Energy and Daylighting Modeling

Thermal Comfort Analysis















# SANKO HOLDING GAZIANTEP MANAGEMENT OFFICE B BLOCK

SANKO Holding Gaziantep Management Office

Office

Gaziantep, Turkey **SANKO** Holding

Şerbetçioğlu Architecture

2019

LEED NC v4 - Platinum



# **Project Information**

SANKO Gaziantep Administration Building Project has been designed as 8.000 m<sup>2</sup>.

The LEED® USGBC NC Platinumum Certificate is targeted. The building is the first LEED Certificated office building in Gaziantep.

Building shell optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight analysis, glare control and visual comfort calculations, thermal comfort assessment, sound insulation performances of space surfaces, renewable energy systems, emission calculation services were provided.

The project uses renewable energy and is constructed in accordance with high acoustic and air quality standards. As the most energy efficient building in Gaziantep, it will be an example for many buildings.



#### **LEED v4 Points**

Integrated Design	1
Location and Transportation	8
Sustainable Sites	10
Water Efficiency	9
Energy and Atmosphere	26
Materials and Resources	11
Indoor Environmental Quality	15
Innovation in Design	8
TOTAL	88

#### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

Energy and Daylighting Modeling

Thermal Comfort Analysis















# SUPERFILM OFFICE BUILDING

SANKO Holding Gaziantep Management Office

Office

Gaziantep, Turkey **SANKO** Holding

Esra Akyol 2024

LEED v4 Gold - NC



# **Project Information**

SANKO Gaziantep Administration Building Project has been designed as 2.000 m<sup>2</sup>.

The LEED® USGBC NC Gold Certificate is targeted. The building is the second LEED Certificated office building in Gaziantep.

Building shell optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight analysis, glare control and visual comfort calculations, thermal comfort assessment, sound insulation performances of space surfaces, renewable energy systems, emission calculation services were provided.

The project uses renewable energy and is constructed in accordance with high acoustic and air quality standards. As the most energy efficient building in Gaziantep, it will be an example for many buildings.



#### LEED v4 Points

Integrated Design	1
Location and Transportation	8
Sustainable Sites	10
Water Efficiency	9
Energy and Atmosphere	22
Materials and Resources	8
Indoor Environmental Quality	10
Innovation in Design	8
TOTAL	74

#### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

Energy and Daylighting Modeling

Thermal Comfort Analysis







# NECMETTIN ERBAKAN **UNIVERSITY GREEN SCHOOL**

Necmettin Erbakan University Green School AR-GE Project

School

Konya, Turkey

Ministry of Education

Esin GÜLŞEKER

2018

LEED NC v4 - Gold



# **Project Information**

Necmettin Erbakan University Technological R&D School Project has been designed as 16.500 m<sup>2</sup> and its construction has been completed. LEED® is USGBC NC Gold Certified.

The building is the first LEED Certificated school building in Konya.

The building is also an education center that enables our new generation children to receive green building education.

Building shell optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort assessment, sound insulation performances of space surfaces, renewable energy systems, emission calculation services were provided.



#### **LEED v4 Points**

Integrated Design	1
Location and Transportation	16
Sustainable Sites	12
Water Efficiency	5
Energy and Atmosphere	7
Materials and Resources	3
Indoor Environmental Quality	9
Innovation in Design	10
TOTAL	42

#### Services

**LEED Certification Consultancy** 

Design and Construction Consultancy

**Energy and Daylighting Modeling** 

Thermal Comfort Analysis















### KONYA SCIENCE CENTER

Konya Metropolitan Municipality Science Center

Science Center Museum

Konya, Turkey

Konya Metropolitan Municipality - TÜBİTAK

Nuri KAYMAK

2015

LEED NC v3 - Gold



#### **Project Information**

This Certificated Building is Turkey's first LEED Gold Building Museum. TÜBİTAK and Konya Metropolitan Municipality Science Center Project has been designed as 25.500 m<sup>2</sup> and its construction has been completed. LEED® is USGBC NC Gold Certified.

Turkey's first LEED building bears the distinction of being the Certificated science center and museum building. Building shell optimization studies, transparent component thermal and

optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort assessment, sound insulation performances of space surfaces, renewable energy systems, emission calculation services were provided.

The building is energy efficient, water efficient and renewable energy and meets 30% of energy consumption. And has increased indoor air quality.



#### **LEED v3 Points**

Sustainable Sites	23
Water Efficiency	10
Energy and Atmosphere	9
Materials and Resources	6
Indoor Environmental Quality	10
Innovation in Design	9
TOTAL	67

#### Services

**LEED Certification Consultancy** 

Design and Construction Consultancy

**Energy and Daylighting Modeling** 

Thermal Comfort Analysis







### TROPIC BUTTERFLY GARDEN AND INSECT MUSEUM

Project Name : Konya Selçuklu Municipality Tropic Butterfly Museum and Insect Museum

Building Type : Müze

Selçuklu, Konya, Turkey Konya Selçuklu Municipality

: ARUP 2016

LEED NC v3 - Gold



#### **Project Information**

It is one of the first LEED Certified Museum Buildings in Turkey. Konya Selçuklu Municipality Tropical Butterfly Garden and Insect Museum Project has been designed as 7.600 m<sup>2</sup> and its construction has been completed. The museum building is LEED® USGBC NC Gold certified. The building has very special thermal comfort and air conditioning systems. The production facilities in the building and the heat recovery system of the building make the project unique.

The building is Turkey's first LEED Certified Butterfly Garden and museum building. Building shell optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort assessment, sound insulation performances of space surfaces, renewable energy systems, emission calculation services were provided.



#### **LEED v3 Points**

Sustainable Sites	18
Water Efficiency	10
Energy and Atmosphere	13
Materials and Resources	8
Indoor Environmental Quality	11
Innovation in Design	6
TOTAL	66

#### Services

**LEED Certificate Consultancy** 

Design and Construction Consultancy

**Energy and Daylighting Modeling** 

Thermal Comfort Analysis















# ADANA MUSEUM AND CULTURE BUILDING

Project Name : Adana Yeni Müze ve Kültür Kompleksi

**Building Type**: Museum

Adana, Turkey Ministry of Culture Kemal Nalbant

2022

LEED NC v4 - Gold



#### **Project Information**

It is one of the first LEED Certified Museum Buildings in Turkey.

The building, designed by architect Kemal Nalbant, was projected as 20,000 m2 and its construction was completed. It is LEED® USGBC NC Gold certified. The building has special thermal comfort and air conditioning systems. It is a unique work in reducing the environmental impact of building materials due to the transformation of existing cotton factories into

museums. The building is Turkey's first LEED certified factory-turned-museum building. Building envelope optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort evaluation, sound insulation performances of space surfaces, renewable energy systems and emission calculation services were provided.



#### **LEED v4 Points**

Sustainable Sites	6
Water Efficiency	8
Energy and Atmosphere	20
Materials and Resources	9
Indoor Environmental Quality	8
Innovation in Design	10
TOTAL	61

#### Services

LEED Certificate Consultancy

Design and Construction Consultancy

Energy and Daylighting Modeling

Thermal Comfort Analysis















# **KONYA SPORT AND** CONGRESS CENTER

Konya Metropolitan Municipality Sports and Congress Center Building

Sport and Congress Center

Konya, Turkey

Konya Metropolitan Municipality

Bahadır KUL Architecture

2015

LEED NC v3 - Silver



#### **Project Information**

Turkey's first LEED Certificated Sports Hall. Konya Metropolitan Municipality Gymnasium for 12.000 people The project has been designed and constructed with the aim of LEED® USGBC NC Silver Certificate as 25.500 m<sup>2</sup>. Turkey's first LEED building Certificated Sports and Multipurpose Hall bears the distinction of being the building.

The building is 45% water efficient and 38% energy efficient. Energy-efficient lighting

systems were used in the building. Athletes make a water-efficient water consumption of 45%. Building shell optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort assessment, sound insulation performances of space surfaces, renewable energy systems, emission calculation services were provided.



#### **LEED v3 Points**

TOTAL	57
Innovation in Design	8
Indoor Environmental Quality	5
Materials and Resources	6
Energy and Atmosphere	5
Water Efficiency	10
Sustainable Sites	23

#### Services

**LEED Certification Consultancy** 

Design and Construction Consultancy

Energy and Daylighting Modeling

Thermal Comfort Analysis







### KONYA SELÇUKLU SPORT CENTER

: Konya Selçuklu Municipality Sport Center

Sport and Social Facility

Konya, Turkey

Konya Selçuklu Municipality

**ULUDAĞ** Architects

2020

LEED NC v4 - Gold



#### **Project Information**

Sports Academy is Turkey's first LEED Certified Building, Konya Selçuklu Municipality Project was designed and built with a 19.087 m2 LEED® USGBC NC Gold certificate target.

Turkey's first LEED-certified buildings Sports and Multipurpose Hall bears the distinction of being the building.

The building is 50% water and 45% energy efficient. Energy efficient lighting systems are

used in the building. Athletes consume water with a 50% water efficiency.

Building envelope optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort evaluation, sound insulation performances of space surfaces, renewable energy systems, emission calculation services were provided.



#### LEED v4 Points

Integrated Design	1
Location and Transportation	9
Sustainable Sites	7
Water Efficiency	11
Energy and Atmosphere	15
Materials and Resources	4
Indoor Environmental Quality	11
Innovation in Design	11
TOTAL	69

#### Services

LEED Certificatie Consultancy

Design and Construction Consultancy

Energy and Daylighting Modeling

Thermal Comfort Analysis







# **ISTANBUL ATAKÖY INDOOR SWIMMING POOL**

Youth Sports Provincial Directorate Ataköy Indoor Swimming Pool Building

Indoor Swimming Pool

İstanbul, Turkey

Ministry of Youth and Sports

Alper AKSOY

2016

LEED NC v3 - Gold



#### **Project Information**

Turkey's first LEED is Certificated Indoor Swimming Pool. The swimming pool project for 10,000 people has been designed as LEED® USGBC NC Gold Certificate with 25,500 m<sup>2</sup> area

Turkey's first LEED Certificated Olympic Indoor Swimming Pool building bears the distinction of being the first building. The building is 50% water efficient and 40% energy efficient. It is an exemplary project due to savings in operating

costs. Building shell optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort assessment, sound insulation performances of space surfaces, renewable energy systems, emission calculation services were provided. The swimming pool and water consuming systems of the building have heat recovery.



#### LEED v3 Points

67
9
10
6
9
10
23

#### Services

**LEED Certification Consultancy** 

Design and Construction Consultancy

Energy and Daylighting Modeling

Thermal Comfort Analysis







# **İSTANBUL ATAKÖY** CAMP ACCOMMODATION

Youth Sports Provincial Directorate Ataköy Camping Accommodation Facility Building

Accommodation Facility

İstanbul, Turkey

Ministry of Youth and Sports

Alper AKSOY

2016

LEED NC v3 - Gold



#### **Project Information**

The National Teams Accommodation Center of the Ministry of Youth and Sports has an area of 8.500 m<sup>2</sup> and has been designed with the aim of LEED® USGBC NC Gold Certificate. Turkey's first LEED building Certificated Camp and Training Center that feature green building while carrying the national team makes our privilege to be featured with a camping center.

It is 50% water and 40% energy efficient compared to its building counterparts. It emits

35% less carbon to the environment. Building shell optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort assessment, sound insulation performances of space surfaces, renewable energy systems, emission calculation services were provided.



#### LEED v3 Points

Sustainable Sites	23
Water Efficiency	10
Energy and Atmosphere	10
Materials and Resources	6
Indoor Environmental Quality	5
Innovation in Design	8
TOTAL	62

#### Services

**LEED Certification Consultancy** 

Design and Construction Consultancy

Energy and Daylighting Modeling

Thermal Comfort Analysis















# KONYA STADIUM

Konya Metropolitan Municipality Stadium Building

Stadium

Konya, Turkey

Konya Metropolitan Municipality

Bahadır KUL

2015

LEED NC v3 - Silver



#### **Project Information**

Konya Metropolitan Municipality 42.000 people stadium project 250.500 m<sup>2</sup> LEED® USGBC NC Silver Certificate was designed and built as targeted.

The building bears the distinction of being Turkey's first LEED Certificated Stadium.

The building is 45% water efficient and 23% energy efficient.

Building shell optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort assessment, sound insulation performances of space surfaces, renewable energy systems, emission calculation services were provided.



#### **LEED v3 Points**

Sustainable Sites	23
Water Efficiency	8
Energy and Atmosphere	5
Materials and Resources	6
Indoor Environmental Quality	5
Innovation in Design	8
TOTAL	66

#### Services

**LEED Certification Consultancy** 

Design and Construction Consultancy

Energy and Daylighting Modeling

Thermal Comfort Analysis





# NATIONAL TEAM CAMP AND TRAINING CENTER

Provincial Directorate of Youth and Sports National Teams Camp and Training Center

Accommodation and Sport

İstanbul, Turkey

Ministry of Youth and Sports

Atila YILMAZ

2015

LEED NC v3 - Gold



#### **Project Information**

Ministry of Youth and Sports National Teams Camp and Training Center has been designed as 10.000 m<sup>2</sup> LEED® USGBC NC Gold Certificate. Turkey's first LEED Certificated Camp and Training Center building that feature green building while carrying the national team makes our privilege to be featured with a camping center.

It is 40% water and 25% energy efficient compared to its building counterparts. It emits

39% less carbon to the environment. Building shell optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort assessment, sound insulation performances of space surfaces, renewable energy systems, emission calculation services were provided.



#### **LEED v3 Points**

Sustainable Sites	23
Water Efficiency	10
Energy and Atmosphere	10
Materials and Resources	6
Indoor Environmental Quality	5
Innovation in Design	8
TOTAL	62

#### Services

**LEED Certification Consultancy** 

Design and Construction Consultancy

Energy and Daylighting Modeling

Thermal Comfort Analysis



# AKRA HOTEL DIDIM

Akra Hotel Didim

Hotel, Accommodation

Aydın, Turkey Akra Hotels

Abdurrahman Çekim, Baraka Mimarlık

LEED NC v4 - Gold



#### **Project Information**

Ministry of Youth and Sports National Teams Camp and Training Center has been designed as 10.000 m<sup>2</sup> LEED® USGBC NC Gold Certificate. Turkey's first LEED Certificated Camp and Training Center building that feature green building while carrying the national team makes our privilege to be featured with a camping center.

It is 40% water and 25% energy efficient compared to its building counterparts. It emits

39% less carbon to the environment. Building shell optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort assessment, sound insulation performances of space surfaces, renewable energy systems, emission calculation services were provided.



#### LEED v4 Points

Location and Transportation	2
Sustainable Sites	7
Water Efficiency	8
Energy and Atmosphere	24
Materials and Resources	4
Indoor Environmental Quality	9
Innovation in Design	10
TOTAL	

#### Services

**LEED Certification Consultancy** Design and Construction Consultancy Energy and Daylighting Modeling Thermal Comfort Analysis







### **AKRA HOTEL ANTALYA**

: Akra Hotel Antalya Hotel, Accommodation

Antalya, Turkey Akra Hotels

Abdurrahman Çekim, Baraka Mimarlık

LEED OM v4.1 - Gold



#### **Project Information**

It is the current hotel of Akra Hotels located in Muratpaşa, Antalya. The building was designed as 55,000 m<sup>2</sup> with the aim of LEED® USGBC OM Gold certification.

All hotels of the investment group are targeted for LEED certification. Again, the investment group aims to be zero carbon. Following the LEED v4.1 OM Certificate, the building also has a target of LEED Zero Carbon certification. The building is 65% water and 55% energy efficient

compared to its peers. It emits 50% less carbon into the environment. Building envelope optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort evaluation, sound insulation performances of space surfaces, renewable energy systems and emission calculation services were provided.



#### LEED v4.1 Points

Location and Transportation	13
Sustainable Sites	3
Water Efficiency	5
Energy and Atmosphere	27
Materials and Resources	7
Indoor Environmental Quality	13
Innovation in Design	C
TOTAL	40

#### Services





### **AKRA HOTEL KEMER**

Akra Hotel Kemer

Hotel, Accommodation

Antalya, Turkey Akra Hotels

Abdurrahman Çekim, Baraka Mimarlık

LEED OM v4.1 - Gold



#### **Project Information**

It is the current hotel of Akra Hotels located in Kemer, Antalya. The building was designed as 43,666 m<sup>2</sup> with the aim of LEED® USGBC v4.1 OM Gold certification.

All hotels of the investment group are targeted for LEED certification. Again, the investment group aims to be zero carbon. Following the LEED v4.1 OM Certificate, the building also has a target of LEED Zero Carbon certification. The building is 65% water and 55% energy efficient

compared to its peers. It emits 50% less carbon into the environment. Building envelope optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort evaluation, sound insulation performances of space surfaces, renewable energy systems and emission calculation services were provided.



#### LEED v4.1 Points

TOTAL	6.1
Innovation in Design	0
Indoor Environmental Quality	12
Materials and Resources	4
Energy and Atmosphere	27
Water Efficiency	6
Sustainable Sites	3
Location and Transportation	12

#### Services





### **AKRA HOTEL SORGUN**

Akra Hotel Kemer

Hotel, Accommodation

Antalya, Turkey Akra Hotels

Abdurrahman Çekim, Baraka Mimarlık

LEED OM v4.1 - Gold



#### **Project Information**

It is the current hotel of Akra Hotels located in Sorgun, Antalya. The building was designed as 34.800 m<sup>2</sup> with the aim of LEED® USGBC v4.1 OM Gold certification.

All hotels of the investment group are targeted for LEED certification. Again, the investment group aims to be zero carbon. Following the LEED v4.1 OM Certificate, the building also has a target of LEED Zero Carbon certification. The building is 65% water and 55% energy efficient

compared to its peers. It emits 50% less carbon into the environment. Building envelope optimization studies, transparent component thermal and optical values and acoustic performance values services, daylight calculation, glare control and visual comfort calculations, thermal comfort evaluation, sound insulation performances of space surfaces, renewable energy systems and emission calculation services were provided.



#### LEED v4.1 Points

TOTAL	62
Innovation in Design	1
Indoor Environmental Quality	7
Materials and Resources	8
Energy and Atmosphere	26
Water Efficiency	۷
Sustainable Sites	3
Location and Transportation	13

#### Services





# **BORUSAN MERSIN MUT RES ENERGY CONTROL BUILDING**

Borusan ENBW Mersin Mut Energy Control Building

Office

Mersin, Turkey Borusan ENBW Akyel Enerji

2017

LEED NC v3 - Gold



#### **Project Information**

The Energy Management Buildings of Borusan EnBW in 4 different cities in İzmir, Mersin, Canakkale and Bursa were designed and constructed as 560 m<sup>2</sup> each.

Buildings received LEED® USGBC NC Gold Certificates.

Buildings bears the distinction of being Turkey's first LEED Gold Certificated buildings energy management. Starting from the concept design, consultancy services were provided on the high performance energy-water efficiency of the buildings. Buildings use renewable energy. Structural shell optimization studies, transparent component thermal and optical values and daylight calculation, glare control and visual comfort calculations, thermal comfort assessment, sound insulation performances of space surfaces and renewable energy consultancy services were provided.



#### LEED v3 Points

Sustainable Sites	23
Water Efficiency	10
Energy and Atmosphere	10
Materials and Resources	6
Indoor Environmental Quality	5
Innovation in Design	8
TOTAL	62

#### Services

**LEED Certification Consultancy** 

Design and Construction Consultancy

Energy and Daylighting Modeling

Thermal Comfort Analysis







# **BORUSAN İZMİR FUAT RES ENERGY CONTROL BUILDING**

Borusan ENBW İzmir Fuat RES Energy Control Building

Ofis

İzmir, Turkey Borusan ENBW Akyel Enerji

2017

LEED NC v3 - Gold

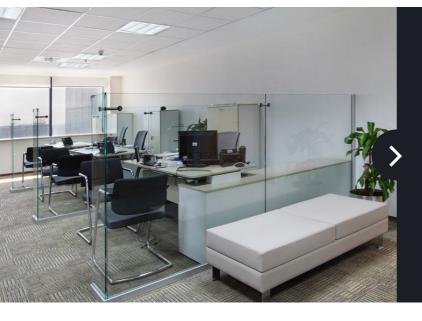


#### **Project Information**

The Energy Management Buildings of Borusan EnBW in 4 different cities in İzmir, Mersin, Canakkale and Bursa were designed and constructed as 560 m<sup>2</sup> each.

Buildings received LEED® USGBC NC Gold Certificates.

Buildings bears the distinction of being Turkey's first LEED Gold Certificated buildings energy management. Starting from the concept design, consultancy services were provided on the high performance energy-water efficiency of the buildings. Buildings use renewable energy. Structural shell optimization studies, transparent component thermal and optical values and daylight calculation, glare control and visual comfort calculations, thermal comfort assessment, sound insulation performances of space surfaces and renewable energy consultancy services were provided.



#### **LEED v3 Points**

Sustainable Sites	23
Water Efficiency	10
Energy and Atmosphere	10
Materials and Resources	6
Indoor Environmental Quality	5
Innovation in Design	8
TOTAL	62

#### Services





## BORUSAN ÇANAKKALE KORU **ENERGY CONTROL BUILDING**

Borusan ENBW Çanakkale Koru RES Energy Control Building

Office

Çanakkale, Turkey Borusan ENBW Akyel Enerji

2017

LEED NC v3 - Gold



#### **Project Information**

The Energy Management Buildings of Borusan EnBW in 4 different cities in İzmir, Mersin, Canakkale and Bursa were designed and constructed as 560 m<sup>2</sup> each.

Buildings received LEED® USGBC NC Gold Certificates.

Buildings bears the distinction of being Turkey's first LEED Gold Certificated buildings energy management. Starting from the concept design, consultancy services were provided on the high performance energy-water efficiency of the buildings. Buildings use renewable energy. Structural shell optimization studies, transparent component thermal and optical values and daylight calculation, glare control and visual comfort calculations, thermal comfort assessment, sound insulation performances of space surfaces and renewable energy consultancy services were provided.



#### **LEED v3 Points**

TOTAL	62
Innovation in Design	8
Indoor Environmental Quality	5
Materials and Resources	6
Energy and Atmosphere	10
Water Efficiency	10
Sustainable Sites	23

#### Services





### **BORUSAN BURSA KARACABEY** RES ENERGY CONTROL BUILDING

Borusan ENBW Bursa Karacabey RES Energy Control Building

Office

Bursa, Turkey Borusan ENBW Akyel Enerji

2017

LEED NC v3 - Gold



#### **Project Information**

The Energy Management Buildings of Borusan EnBW in 4 different cities in İzmir, Mersin, Çanakkale and Bursa were designed and constructed as 560 m<sup>2</sup> each.

Buildings received LEED® USGBC NC Gold Certificates.

Buildings bears the distinction of being Turkey's first LEED Gold Certificated buildings energy management. Starting from the concept design, consultancy services were provided on the high performance energy-water efficiency of the buildings. Buildings use renewable energy. Structural shell optimization studies, transparent component thermal and optical values and daylight calculation, glare control and visual comfort calculations, thermal comfort assessment, sound insulation performances of space surfaces and renewable energy consultancy services were provided.



#### LEED v3 Points

Sustainable Sites	23
Water Efficiency	10
Energy and Atmosphere	10
Materials and Resources	6
Indoor Environmental Quality	5
Innovation in Design	8
TOTAL	62

#### Services

**LEED Certification Consultancy** 

Design and Construction Consultancy

**Energy and Daylighting Modeling** 

Thermal Comfort Analysis







# MECCA MUNICIPALITY **ECOLOGICAL CITY PROJECT**

Mecca Municipality Ecological City Project

Housing, Urban Facility, Education, Sports, Infrastructure

Mecca, Saudi Arabia Mecca Municipality

RMJM, TÜMAŞ, ECOBUILD

2018

LEED ND v4 - Gold



#### **Project Information**

The LEED ND Gold Certificated Green Urbanism Project of the Municipality of Mecca has been realized together with our international business partner consortium.

A green city planning project was established with TÜMAŞ, RMJM and Foster and Partners.

The project has been ensured to be in the LEED ND Green Urban Development norms and has the structure to target the following Points.

The projects were prepared to reduce the urban heat island effect, the new development zone was planned to be energized with 100% renewable energy.

The parking areas of the whole new city project are planned underground and the city is ensured to have the optimum building density.



#### **LEED ND v4 Points**

Smart Location and Linkages	23
Neighborhood Pattern&Design	28
Green Infrastructure & Buildings	16
Innovation in Design	8
TOTAL	75

#### Services

LEED ND Green City Consultancy Design and Analysis Consultancy Energy and Daylighting Modeling Urban Planning Data Sets Green City Urban Development Criteria





### ESKİŞEHİR KOCAKIR ECOLOGICAL CITY PROJECT I. PHASE

Project Name : Ministry of Environment and Urbanization Eskişehir Kocakır Ecological City Project I. Phase

Building Type : Housing, Urban Social Infrastructure, Education, Sports, Infrastructure

Eskişehir, Turkey

Ministry of Environment and Urbanization

**ECOBUILD** 

2016

LEED ND v4 - Gold, SÜPERKENT



#### **Project Information**

In the urban transformation and development area of 836 ha, which belongs to the Ministry of Environment and Urbanization, located in Kocakır District of Eskişehir, green planning service has been provided with a population of 85.000 in accordance with LEED Neighborhood Development and SUPERKENT standards.

Prior to the planning service, the R & D of Sustainable Settlement Norm for Turkey was made to the Ministry of Environment and Urbanization and this norm was applied in the projects. The project is the first zoning plan realized by calculating carbon emissions. The project consumes 45% less energy and 50% less water.

LEED is the first application of SUPERKENT, which we developed for the Ministry of Environment and Forestry, taking into account all aspects of Neighborhood Development and environmental impact. The project generates 85% less carbon emissions than other settlements. A step away from its examples in the world, the grading of this ecological green settlement is demonstrated by calculating and recording residential greenhouse gas emissions in international norms.

The environmental impacts of buildings, infrastructures and the entire city from the production phase of construction materials to the construction and use of the entire city were calculated.



#### **LEED ND v4 Points**

Smart Location and Linkages	23
Neighborhood Pattern&Design	28
Green Infrastructure & Buildings	14
Innovation in Design	8
TOTAL	73

#### Services

LEED ND /Süperkent Green City Consultancy

Design and Analysis Consultancy

**Energy and Daylighting Modeling** 

Urban Planning Maps, Geological Analysis, Data Sets















### ESKİŞEHİR KOCAKIR ECOLOGICAL CITY PROJECT II. PHASE

Project Name : Ministry of Environment and Urbanization Eskişehir Kocakır Ecological City Project II. Phase

: Housing, Urban Social Infrastructure, Education, Sports, Infrastructure

Eskişehir, Turkey

Ministry of Environment and Urbanization

**ECOBUILD** 

2016

LEED ND v4 - Gold, SÜPERKENT



#### **Project Information**

In addition to LEED Neighborhood Development and SUPERKENT standards, a green planning service was provided in the Kocakır area of Eskişehir, which is owned by the Ministry of Environment and Urbanization, with an area of 836 ha and an additional 180 ha in accordance with the LEED Neighborhood Development and SUPERKENT standards. Stage 1 performances were taken into consideration and green public buildings were designed.

Prior to the planning service, the R & D of Sustainable Settlement Norm for Turkey was made to the Ministry of Environment and Urbanization and this norm was applied in the projects. The project is the first zoning plan realized by calculating carbon emissions. The project consumes

45% less energy and 50% less water. LEED is the first application of SUPERKENT, which we developed for the Ministry of Environment and Forestry, taking into account all aspects of Neighborhood Development and environmental impact. The project generates 85% less carbon emissions than other settlements. A step away from its examples in the world, the grading of this ecological green settlement is demonstrated by calculating and recording residential greenhouse gas emissions in international norms. The environmental impacts of buildings, infrastructures and the entire city from the production phase of construction materials to the construction and use of the entire city were calculated.



#### **LEED ND v4 Points**

Smart Location and Linkages	23
Neighborhood Pattern&Design	28
Green Infrastructure & Buildings	14
Innovation in Design	8
TOTAL	73

#### Services

LEED ND /Süperkent Green City Consultancy

Design and Analysis Consultancy

**Energy and Daylighting Modeling** 

Urban Planning Maps, Geological Analysis, Data Sets















## ANDIJAN LIVING AREA **GREEN CITY PROJECT**

Project Name : New Andican Living City Green Urbanism Project

Green Urbanism Project, Housing, Urban Equipment, Education, Sports, Infrastructure

Andijan, Uzbekistan Uzbekistan Government

KEYM, ECOBUILD

2021



#### **Project Information**

The New Andican Living Area Green Urbanism Project, located in Uzbekistan, with an area of 4,000 ha, was carried out together with our business partner KEYM.

A green urbanization project was created with KEYM. The project has been ensured to comply with LEED ND and Cities Green Urban Development norms. Engineering services have been provided for all infrastructure services, the project area has been shaded with 3 different techniques, ensuring that the project uses daylight at the optimum level, energy efficiency has been achieved, a design has been prepared to reduce the urban heat island effect, pedestrian comfort analysis according to the prevailing

wind direction of the project area and Its effect on energy efficiency has been projected with CFD models.

It is planned that the new development area will be energized with 100% renewable energy, the new urban development area has been provided with rainwater harvesting, infrastructure with renewable materials, transportation by electric vehicles, and creation of a bicycle path infrastructure in the city.

The parking areas of the entire new city project have been planned underground, ensuring that the city is at the optimum housing density.



#### **LEED ND v4 Points**

Smart Location and Linkages	22
Neighborhood Pattern&Design	28
Green Infrastructure & Buildings	14
Innovation in Design	8
TOTAL	72

#### Services

Green Urbanism and Infrastructure

Design and Analysis Consultancy

Energy and Daylighting Modeling

Urban Planning Maps, Geological Analysis, Data Sets















# SULTANGAZI GREEN URBAN PLANNING PROJECT

Project Name : İstanbul Metropolitan Municipality Sultangazi Green City Project

Building Type : Housing, Urban Social Infrastructure, Education, Sports, Infrastructure

: İstanbul, Turkey

İstanbul Metropolitan Municipality

KEYM 2019

LEED ND v4 - Gold



#### **Project Information**

The Sultangazi Green Urbanism Project of the Istanbul Metropolitan Municipality with the aim of LEED ND Certificate was realized with our business partner KEYM.

A green urbanism project was created with KEYM. It is ensured that the project meets LEED ND Green Urban Development norms. Engineering Services were provided, energy efficiency was achieved by providing shading analysis of the project area with 3 different techniques to ensure optimum use of daylight, energy was obtained, design was prepared to reduce the impact of urban heat island, pedestrian comfort analysis of the project area according to the

prevailing wind direction and the effect of wind on sound and energy efficiency CFD models.

The new development zone is planned to be energized with 100% renewable energy, and the new urban development zone has been able to harvest rain water, provide infrastructure with renewable materials, provide transportation with electric vehicles, and create the infrastructure of the bicycle path in the city. The parking areas of the whole new city project have been planned underground and the city has been ensured to have the optimum building density.



#### **LEED ND v4 Points**

TOTAL	73
Innovation in Design	8
Green Infrastructure & Buildings	14
Neighborhood Pattern&Design	28
Smart Location and Linkages	23

#### Services

LEED ND /Süperkent Green City Consultancy

Design and Analysis Consultancy

**Energy and Daylighting Modeling** 

Urban Planning Maps, Geological Analysis, Data Sets















# SULTANGAZI GREEN URBAN PLANNING CFD ANALYSIS

Project Name : İstanbul Metropolitan Municipality Sultangazi Green City Project

Building Type : Housing, Urban Social Infrastructure, Education, Sports, Infrastructure

: İstanbul, Turkey

İstanbul Metropolitan Municipality

**KEYM** 2019

LEED ND v4 - Gold



#### **Project Information**

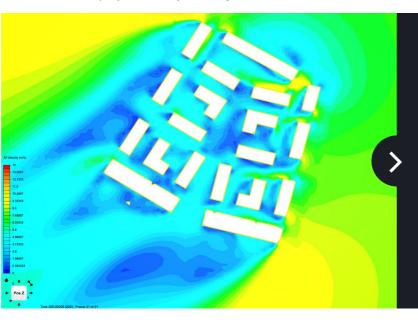
The Sultangazi Green Urbanism Project of the Istanbul Metropolitan Municipality with the aim of LEED ND Certificate was realized with our business partner KEYM.

As a first in Turkey, Wind Pedestrian Comfort Analysis, Wind Energy Efficiency Analysis, Impact Analysis of Wind Air Pollutants on the Project Area and Air Pollution Analysis were carried out as a first in Turkey.

In this way, the effect of suspended particles transported from the quarry area to the area was analyzed by CFD analysis on housing, human and natural life. With the analyzes performed, the possibility of creating winds in the project area by creating vortexes of the winds in the

region was eliminated. In the CFD analysis, the distribution of particle pollution in the project area from the quarries has been examined, the entrance to the houses has been examined and engineering services have been provided to improve the air quality of the area with the elements preventing the pollution from entering the area. In addition, the impact of pollution on human and ecology in the area is minimized.

The effect of wind on the energy efficiency of the structures was examined by CFD analysis and pedestrian comfort analyzes were conducted.



#### **LEED ND v4 Points**

TOTAL	73
Innovation in Design	8
Green Infrastructure & Buildings	14
Neighborhood Pattern&Design	28
Smart Location and Linkages	23

#### Services

LEED ND /Süperkent Green City Consultancy

Design and Analysis Consultancy

**Energy and Daylighting Modeling** 

CFD Urban Air Pollution Analysis, Data Sets















### SULTANGAZİ GREEN URBAN PLANNING DAYLIGHT AND SHADING ANALYSIS

Project Name : İstanbul Metropolitan Municipality Sultangazi Green City Project

Building Type : Housing, Urban Social Infrastructure, Education, Sports, Infrastructure

: İstanbul, Turkey

İstanbul Metropolitan Municipality

**KEYM** 2019

LEED ND v4 - Gold



#### **Project Information**

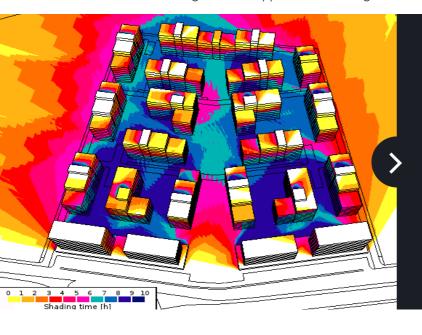
The Sultangazi Green Urbanism Project of the Istanbul Metropolitan Municipality with the aim of LEED ND Certificate was realized with our business partner KEYM.

Daylight and Shading Analysis was performed for the first time in Turkey. With these analyzes, shading percentages, shaded area percentages, window shading variables, sunlight penetration values to houses, angle controls, energy efficiency and glare comfort effects were analyzed.

International norms were used in all analyzes and 3 different methodologies were applied. Sunbathing and daylight utilization analyzes were performed in all windows of the buildings.

In addition, the design of the sunscreens was made in all buildings and the whole design was asymmetrically optimized.

With the analyzes made in the study, it is ensured that the area has an energy efficient solar orientation and that the project can benefit from the renewable energy at the optimum level.



#### **LEED ND v4 Points**

Smart Location and Linkages	23
Neighborhood Pattern&Design	28
Green Infrastructure & Buildings	14
Innovation in Design	8
TOTAL	73

#### Services

LEED ND /Süperkent Green City Consultancy

Design and Analysis Consultancy

Daylighting and Shading Modeling

CFD Urban Air Pollution Analysis, Data Sets















### SUSTAINABLE PERFORMANCE URBANISM NORM SUPERKENT

Sustainable Performance Urban Planning Norm Project Green city planning norm has been prepared for Turkey.

Ankara and Eskişehir, Turkey

Ministry of Environment and Urbanization

**ECOBUILD** 2016

SÜPERKENT



#### **Project Information**

The Sustainable Settlement Norm R & D was carried out for Turkey by the Ministry of Environment and Urbanization.

The prepared norm has been linked to the Sustainable Performance Urban Transformation and has been attached to the draft regulation named SUPERKENT. In addition to scoring beyond the green neighborhood norms in the world, the SUPERKENT System ensures that each decision in Planning is calculated to be equivalent to the greenhouse gas emissions that

meet GHP and PAS 2070 norms in software and IPCC methodology, and that project decisions are taken to reduce city emissions. In other words, environmental impact assessment is included in Planning in accordance with the Climate Change Adaptation Action Plan norms. This is an environmental assessment technique that goes beyond its peers in the world.

ECOBUILD is the only company in our country that forms the Green Urbanism Norm for MoEU.



SÜPERKENT System		Preq. Points	Performanc e Criterias
	Sustainable Sites and Urban Design	15	7
	Energy	5	5
	Water	1	5
	Transportation	3	5
	Materials and Resources	2	4
	Social An Economic Sustainability	3	3

#### Services

SÜPERKENT Green Urbanism Norm

R&D Analysis for Green Urbanism

Greenhouse Gas Model for Green Settlement

Urban Benchmarking Datas For Model



Green Urbanism Master Plan



The SUPERKENT Label System introduces the first guiding approaches to be used in the design and implementation of ecological settlements in our country. This approach methodology includes five + 1 basic strategies. All these strategies are the topics of the SUPERKENT system. Each strategy includes minimum and performance criteria. In order to evaluate the settlements, carbon footprint performance, which is one of the most valid methodologies in the environmental literature, is based on.

# KONYA INDUSTRIAL AREA **GREEN CITY PROJECT**

Project Name : Industrial Area SÜPERKENT Green City Project

: Industral Area All Buildings and Urban Design, Master Plan

Konya, Turkey

**Project Owner:** Greater Municipality of Konya

**ECOBUILD** 2018

LEED ND v4 - Gold, SÜPERKENT,



#### **Project Information**

Turkey'nin ilk Sürdürülebilirlik Performanslı Kentsel Dönüşüm Projesi yapılmıştır. Projede Çevre ve Şehircilik Bakanlığı Sürdürülebilirlik Performanslı Kentsel Dönüşüm Yönetmelik taslağına uygun olarak yüksek derecede olan sürdürülebilirlik hedefleri için danışmanlık hizmeti verilmiştir. Proje yüksek enerji verimliliği ve çevre hedeflerine sahiptir. Bölge su verimli ve enerji verimli olarak gerçekleştirilmiştir. Konya İli, Karatay İlçesindeki 6,5 milyon m2 Kentsel Dönüşüm ve Gelişim Proje Alanında; Yeni Küçük (Motorlu) Sanayi Alanı Sürdürülebilir Performanslı Kentsel Tasarım Projesinin çevre ve özellikle kentsel mekânların sosyo-ekonomik yapılarının da dikkate

alınarak yapılandırılması, planlı, sağlıklı ve güvenli bir çalışma alanı oluşturularak kentsel çevrenin ve iş ortamlarının kalitesinin arttırılması, mevcut kaynakların, planlı ve sistematik bir dönüşüm süreci kapsamında kullanılması amaçlanmaktadır. Kentsel Dönüşüm ve Gelişim Proje Alanı'nda, 6,5 milyon m2'lik alanda 1/5000 Ölçekli Nazım İmar Planı; yaklaşık 2,5 milyon m2'lik kısımda 1/1000 Ölçekli Uygulama İmar Planı, 1/500 Ölçekli Kentsel Tasarım projeleri ve bütün dükkan tiplerine ait 1/200 Ölçekli Avan Architecti Projelere uygulanacak esasların belirlenmesi, tanıtım ve takdim çalışmaları Servicesi sağlanmıştır.



SÜPERKENT System		Preq. Points	Performanc e Criterias
	Sustainable Sites and Urban Design	15	7
	Energy	5	5
	Water	1	5
	Transportation	3	5
	Materials and Resources	2	4
	Social An Economic Sustainability	3	3

#### Services

SÜPERKENT Green Urbanism Norm

R&D Analysis for Green Urbanism

Greenhouse Gas Model for Green Settlement

Urban Benchmarking Datas For Model

Green Urbanism Master Plan







### KNAUF PRODUCT DECLARATIONS **EPD CERTIFICATE and VOC TESTS**

Project Name : KNAUF Green Product LEED Declarations and EPD-LCA Certificate

**Green Construction Material Consultancy** Iphofen, Germany, Ahiboz/Gebze, Turkey

Project Owner: KNAUF **ECOBUILD** 2018

EPD, LEED BD+C v4 Declaration



#### **Project Information**

KNAUF is the industry leader in Turkey and in the world.

All building materials and even plant products used in the building during the LEED® Certification process have positive or negative effects on LEED® Points.

Manufacturers of products with the appropriate specifications for LEED® Certification provide reports and declarations certifying that they meet the LEED® criteria through our consultancy service and demonstrate the conformity of their products to LEED®. With the consultancy service we provide, we also determine the possibility of building materials to earn points in the LEED® system.

LEED Declarations of KNAUF products have been prepared by us.

In addition, VOC tests of all KNAUF products have been made by ISO 14021,14025 Declarations.



#### KNAUF LEED BD+C v4 Performance

Sustainable Sites	0
Water Efficiency	0
Energy and Atmosphere	8
Materials and Resources	8
Indoor Environmental Quality	6
Innovation in Design	2
ΤΟΤΔΙ	24

#### Services

LEED v4 Declaration Consultancy

Green Product Design & Analysis Consultancy

EPD Certificates, Life Cycle Analysis

ISO 14021 ve ISO 14025

VOC Tests and all other tests







# ESKISEHIR KOCAKIR ECOLOGICAL CITY MAP

Eskişehir Kocakır Ecological City Project

: 1 / 5,000 and 1 / 1,000 Map Production Based on the Development Plan

Eskişehir, Turkey

Ministry of Environment and Urbanization

**ECOBUILD** 

2016

LEED ND v4 - Gold, SÜPERKENT



#### **Project Information**

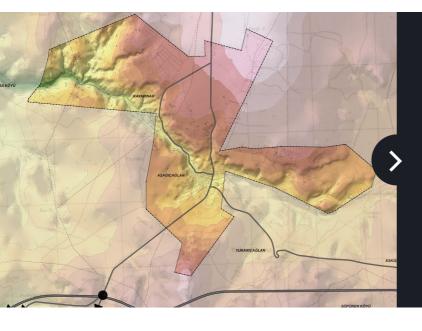
In accordance with the LEED Neighborhood Development and SUPERKENT standards, the Green Mapping Service will be used for the urban planning and mapping services of the Ministry of Environment and Urbanization, located in the Kocakır District of Eskişehir.

This mapping service was completed in a record period of 3 months and approved by the MoEU Provincial Directorate and the General Directorate of Spatial Planning.

The mapping service, which will be the basis of the project, which is the only example of Green Urban

Planning in Turkey, is numerically and printed to be the basis for all plant structure, hydrology, endemic species, land structure to be protected, sunshine analyzes, shading analyzes, stormwater and erosion measures. it is produced.

A mapping service suitable for green urbanism was first provided by ECOBUILD in Turkey.



#### **LEED ND v4 Points**

Smart Location and Linkages	23
Neighborhood Pattern&Design	28
Green Infrastructure & Buildings	14
Innovation in Design	8
TOTAL	73

#### **Services**

1/1.000 Map Production

1/5.000 Map Production

Energy and Daylighing Modelling

İmar Planına Esas Olan Harita ve Veriler

Yeşil Şehircilik İmar Planı















### ESKİŞEHİR KOCAKIR GEOLOGICAL-GEOTECHNICAL STUDY

Project Name : Eskişehir Kocakır Ecological City Project Geological and Geotechnical Study

Eskişehir, Turkey

Ministry of Environment and Urbanization

**ECOBUILD** 2016

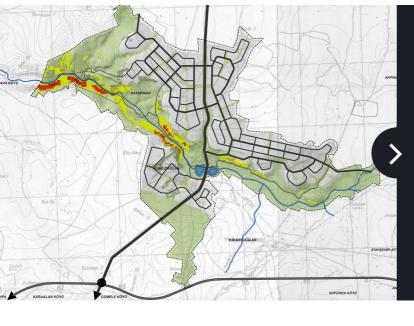
LEED ND v4 - Gold, SÜPERKENT



#### **Project Information**

The Geological and Geotechnical Survey Service for the Green Planning Service, which will be used for green planning service, which has a population of 100,000 in accordance with LEED Neighborhood Development and SUPERKENT standards, has been provided to the urban transformation and development area of Eskişehir Kocakır Locality, which belongs to the Ministry of Environment and Urbanization and has a size of 1,016 ha. Geological and Geotechnical Survey service was completed in 3 months and approved by MoEU Provincial Directorate and Spatial Planning General Directorate.

The geological and geotechnical survey service that will be the basis of the project, which is the only example of Green Urban Planning in Turkey, all hydrogeological structure of the region, soil surveys, groundwater channels, determination of groundwater resources to be fed, determination of polluted lands, protection of soil structure, chemical analyzes, It is produced in numerical and printed form to be the basis for natural mines which may be building materials, areas suitable for plant structure, land structure to be protected, ground survey for earthquake and durability, stormwater and erosion precautions.



#### **LEED ND v4 Points**

Smart Location and Linkages	23
Neighborhood Pattern&Design	28
Green Infrastructure & Buildings	14
Innovation in Design	8
TOTAL	73

#### Services

Geological Studies for Green City Plan

Geotechnical Studies for Green City Plan

**Energy and Daylighting Modeling** 

Geologic and Geotechnical Maps

Ecological Green Master Plan















### LEED TRAININGS

Project Name : ECOBUILD is Authorized Education Provider of USGBC in Turkey &LEED Training Leader

Education Type: Green Building Materials, Green Building, Green Settlement and Planning Trainings

Ankara, İstanbul Turkey

**Project Owner**: Private and Public Institutions

2009-2019

**LEED Training Certificate** 



#### **Project Information**

Since 2009, ECOBUILD has been providing the most comprehensive and up-to-date LEED training programs to professionals and students wishing to specialize in green building design and construction with its LEED AP qualified green building specialist staff.

The technical training programs offered by ECOBUILD are useful and exam preparation for LEED® Green Associate and then LEED® Accredited Professional.

The vast majority of green building experts in our country have participated and succeeded in the LEED training programs offered by ECOBUILD.

ECOBUILD's LEED Training programs have high exam success. In particular, sample questions for the exam and details that will affect the success of the exam are presented to the participants. ECOBUILD training programs have a high success rate of over 95% in service quality measurements.

- Ministry of Environment and Urbanization Ministry of Education
- Ministry of Youth and Sports
- Ministry of Health
- US Department of State Construction Office OBO
- Istanbul Metropolitan Municipality
- Izmir Metropolitan Municipali
- Konya Metropolitan Municipality Kocaeli Metropolitan Municipality Greater Municipality of Samsun
- Bursa Metropolitan Municipality
- Greater Municipality of Kayseri
- Municipality of Adapazarı
- Municipality of Şişli
- Municipality of Selçuklu
- Union of Municipalities of Turkey
- **Energy Market Regulatory Authority TANAP**
- Borusan ENBW
- Middle East Technical University
- Istanbul Technical University

- **Ankara University**
- Hacettepe University Akdeniz University
- Gazi University
- Özyeğin University
- Çankaya University
- Yıldız Technical University
- Konya Food and Agriculture University
- **TOBB ETU University**
- Ankara Chamber of Commerce
- TOKI Housing Development Administration
- Turkish Telecom
- Finance Technopark Borsa İstanbul
- OSTIM Management and Ostim Technopark
- KNAUF ABS AYGIPS ARCELIK
- TÜMAŞ PROKON Ekon Temelsu
- MESA TEPE TEKFEN LIMAK
- Renaissance KUZU Yedaş
- AROLAT TABANLIOĞLU YAZGAN
- Bütüner A Design Motto
- ARUP AECOM HOK SOFRECO

#### LEED Eğitim Sağlayıcısı

LEED v4 - v4.1 Green Building Trainings

Green Urbanization Training Programs

Climate Change Adaptation Plans Trainings



LEED for Healthcare, LEED ND Trainings

Green House Gas Emissions Trainings







# Certificates of Authority



#### USGBC "Green Building Leader" Awarded Industry Leader

ECOBUILD is an industry leader providing consultancy services on Green Building Materials, Green Buildings, Green Urbanism and LEED Training. It was awarded the Bina Green Building Leader Award verilen by USGBC for only 3 companies in the world.

#### **Competence Certificates**

ECOBUILD® is a member of USGBC. LEED® Green Building Certificate Systems Consultancy Services in Turkey and abroad.

ECOBUILD® has Accredited Professional staff. LEED® AP has the identities of BD + C, LEED® AP ND, WELL AP and Envision SP. ECOBUILD WELL WELL AP, which is sought as a necessity in healthy buildings, has expert staff. ECOBUILD® was established in 2009 with 20 years of professional project, consultancy and application experience, and is the only company in Turkey and abroad to provide consultancy services on green building materials production.

He is a member of ECOBUILD® ISI and has the authority of Envision Green Infrastructure

Projects Supervisor. It is the only company in Turkey that has the authority to audit and consultancy on obtaining green infrastructure certificates for bridge, highway, dam and similar infrastructure projects.

ECOBUILD® Turkey is the most experienced company in LEED Green Building Certificates and has the biggest / most important references in its sector. ECOBUILD® perceives its projects not only as a technical issue, but also as a part of life and as a living space for people. ECOBUILD® provides customer satisfactionoriented services for material, building and urban development projects that protect the environment and human health and are economical and environmentally friendly to manufacture.

#### USGBC, WELL and ISI Member Company

ECOBUILD is the only company in our country that is a member of US Green Buildings Council USGBC, WELL and ISI.

#### LEED ND AP Expert Staff Green **Urban Transformation and** Development

ECOBUILD is the only LEED AP ND Neighborhood Development Accredited company in Turkey. In LEED ND Certificate, LEED ND AP expert consultation is a must. In Turkey, ECOBUILD can only provide consultancy services on LEED ND Urban Regeneration and Development Green Neighborhood Certification.









# USGBC Member Company



#### ECOBUILD YESIL BINALAR

USGBC MEMBER SINCE JUN 10, 2020

SILVER

Is an active member of the U.S. Green Building Council, the foremost coalition of leaders working to transform the way buildings and communities are designed, built and operated. Our vision is that buildings and communities will regenerate and sustain the health and vitality of all life within a ge

Makesh Rananjam

MAHESH RAMANUJAM

# Certificates of Authority





10677418-AP-BD+C

06 SEP 2011

04 SEP 2021

GREEN BUSINESS CERTIFICATION INC. CERTIFIES THAT

#### **MURAT DOGRU**

HAS ATTAINED THE DESIGNATION OF

#### **LEED AP® Building Design +** Construction

by demonstrating the knowledge and understanding of green building practices and principles needed to support the use of the LEED green building program.

MAHESH RAMANUJAN PRESIDENT & CEO, U.S. GREEN BUILDING COUNCIL PRESIDENT & CEO, GREEN BUSINESS CERTIFICATION INC.



# Certificates of Authority





10845987-AP-BD+C

05 SEP 2013

02 SEP 2021

#### **Zeynep Cakir**

HAS ATTAINED THE DESIGNATION OF

#### **LEED AP® Building Design +** Construction

by demonstrating the knowledge and understanding of green building practices and principles needed to support the use of the LEED green building program.



# Certificates of Authority





10706727-AP-ND

23 MAY 2013

21 MAY 2021

#### **Nursun DOGRU**

HAS ATTAINED THE DESIGNATION OF

#### **LEED AP® Neighborhood Development**

by demonstrating the knowledge and understanding of green building practices and principles needed to support the use of the LEED green building program.

MAHESH RAMANUJAN PRESIDENT & CEO, U.S. GREEN BUILDING COUNCIL PRESIDENT & CEO, GREEN BUSINESS CERTIFICATION INC



# WELL

# Certificates of Authority



### WELL AP



GREEN BUSINESS CERTIFICATION INC.™ CERTIFIES THAT

#### **ZEYNEP CAKIR**

has attained the designation of

### WELL AP

by demonstrating the knowledge and understanding of the interaction between health and wellness within the built environment and the implementation process for the WELL Building Standard™.

CREDENTIAL ID: WELL-AP-000003787 

ISSUED: Sep 20, 2016

VALID THROUGH: Sep 19, 2020

2101 L Street NW | Suite 500 | Washington, DC 20037

S. Richard Fedrizzi CEO, International WELL Building Institute Mahesh Ramanujam

President, Green Business Certification Inc.

Malech Ramonyan



# Envision

# Certificates of Authority





**MURAT DOGRU** 

**ENVISION SUSTAINABILITY PROFESSIONAL** 

Has received the Envision Sustainability Professonal credential upon successful completion of the requisite training and exam. Presented on:

June 12, 2012





#2244



# Greenhouse Gas Inventory Specialist



THE U.S. GREEN BUILDING COUNCIL RECOGNIZES

#### **MURAT DOGRU**

FOR THE SUCCESSFUL COMPLETION OF THE EDUCATION @USGBC COURSE

#### **Greenhouse Gas Inventory Specialist**

GBCIID: 0920017251

Creator: Green Business Certification Inc., U.S. Green Building Council

#### **NOVEMBER 03, 2019**



# Healthcare Buildings Expertise





THE U.S. GREEN BUILDING COUNCIL RECOGNIZES

#### **MURAT DOGRU**

FOR THE SUCCESSFUL COMPLETION OF

BD+C 254: LEED 2009 for Healthcare: An Introduction to the Rating System

This course is approved for: GBCI CE HOURS

AIA CE HOURS

April 22nd, 2012





# Residential Buildings Expertise





THE U.S. GREEN BUILDING COUNCIL RECOGNIZES

#### **Murat Dogru**

FOR THE SUCCESSFUL COMPLETION OF

#### **HOMES 401: GREEN RATER TRAINING**

14 GBCI Continuing Education (CE) Hours 1.6 CSI Continuing Education Units (CEUs)

14 BOMI Continuing Professional Development (CPD) Credits 14 CoreNet Continuing Professional Development credits (CPDs)

14 AIA/CES Learning Units (LUs) for Health, Safety, and Welfare (HSW) and Sustainable Design (SD)

This certificate may be used for self-reporting to other professional organizations

12/04/2012

Date Issued

90003702





# ECOBUILD Awarded as Green Building Leader by USGBC

ecobulld has been awarded with the "Green Building Leader Award" by the world's largest green building and environmental organization, USGBC, the US Green Building Council, for its outstanding achievements in its projects.

EcoBuild as a USGBC member since 2009 until today, offers consulting services in Turkey and abroad.

Receiving this award from a world environmental giant, where only 3 companies in Europe, where ethical values such as USGBC are kept at the highest level and every decision is taken by election and voting, has been a very difficult process.

This award is a meaningful award not only for Turkey to EcoBuild. In order to receive the USGBC Green Building Leader award

given with dozens of different criteria, we work hard, love what you do, constantly read, do R & D, spend 2/3 of the year related to the profession, be a good environmentalist and most importantly, It is necessary to institutionalize with a quality company structure.

Today, a total of 35,000 followers follow ECOBUILD's Twitter page, including USGBC.

EcoBuild green building movement has gained great momentum only in Turkey but in the world.

ECOBUILD is the only
Turkish firm providing
consultancy services to
the US Department of
State on Green Building

The success in the projects it has carried out since 2009, the contribution it has made to the development of the LEED Certificate, the training of hundreds of green building experts, and the creation of hundreds of green building materials have been the strength of ECOBUILD from its customers.



### **USGBC**

#### MEMBER

ECOBUILD offers consultancy services for a more sustainable future:

- Green Buildings: LEED
   Certificate
- Healthy Buildings: WELL Certificate
- > Green Metros: LEED for Transit
- > Climate Change Action Plan
- City Greenhouse Gas Emission Inventory Calculation
- LEED for Cities Green City Certificate
- LEED ND Green Urban Development and Transformation
- Green Infrastructures and Production Facilities: Envision Certificate
- > Green Parks: SITES Certificate
- > Green Parking Lots: Park Smart
- > Zero Waste: TRUE Certificate
- Green Building Materials: LEED Declarations, LCA and FPD
- Building and City Energy Efficiency: Building and City Energy Modeling
- > Green Building Design
- > Building Acoustics
- Green Star, Green Hotel Certificate
- > LEED Training v4 v4.1
- > Green Master Planning

13



# Join Us!

Green Buildings Construction Engineering Energy Investment Trade Consultancy Ltd. Şti. Office: Park Oran Sitesi, A3 Blok No:6 06450 Oran, Çankaya / ANKARA







