

CITY GREEN
BUILDING
FUTURE

ECOBUILD®

Company Profile

2020

The Green Company Basic

11 years ago we started with the idea that green building materials, green buildings and green settlements are our future.

Our goal was not to become Turkey's largest consulting firms. Our aim was to provide consultancy services in line with our principles for a more sustainable world. First of all, we wanted to present engineering approaches that should be made for a more sustainable world in our country and then in the world, and to obtain measurable results by making building materials, buildings and cities greener.

We wanted our consultancy services to be an example for our country and the world, and we wanted the world to apply what we do. We had 20 years of public and university experience and we knew the value of our know-how in our industry. This success story came from the fact that we love nature, the world and people. Today we are still doing our job only and only because we love our world. Love is the greatest power in the world. The idea that enlarges our company is to love what we do with passion.

That is why a green business firm in the middle of Anatolia received the USGBC Green Building Leader Award, one of the most important awards in the world.

We align ourselves with enlightened management philosophy, regarding people

as our major assets and working always at maintaining the highest possible level of communication and interpersonal relations.

Our team is caring and future oriented and our planning and programming soundly organized yet flexible. Our Company's commitment to its ethos guarantees our consistently giving of our best in any project we undertake.

Our passion that started in the middle of Anatolia has grown with our projects in every region of the world. We love this work with passion. We are known in the world for green building materials, green buildings and green cities.

We are the only Turkish company to work for the US Department of State's Bureau of Overseas Buildings Operations. We offer service in every region of the world. The world's giant building material manufacturers, the world's best-known architects, the world's largest consulting firms worked with us. In our country, the biggest architects, construction companies, ministries, municipalities have become our customers. We did not have competitors in our industry, they were our companions. We saw every expert, every company, every initiative working for a sustainable world very valuable.

Together we produce a green future.



Murat DOĞRU

ECOBUILD Green Business Company
City Climate Planner
LEED AP BD+C
Envision SP



LEED

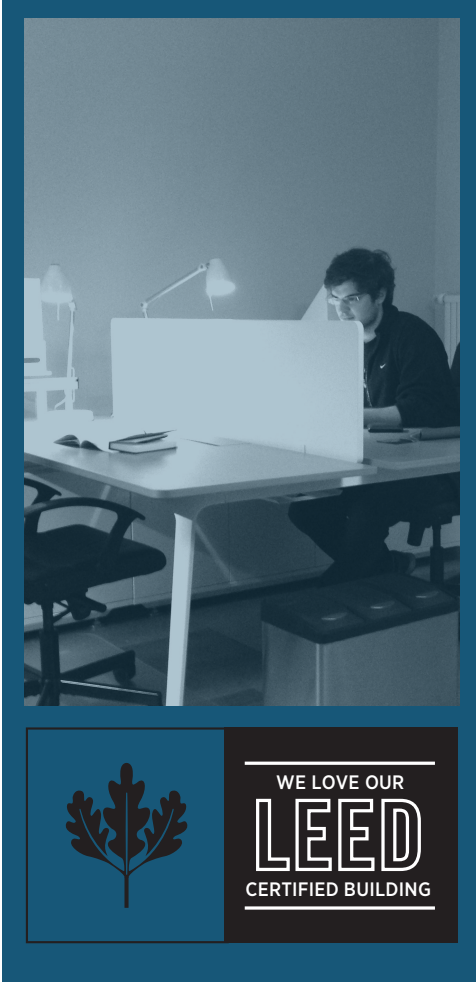
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TAV Adnan Menderes Airport Building Izmir, Turkey, which was built by TAV Construction Company as 235.000 m², was awarded the LEED NC v3 Silver certificate. Turkey's first building in the world is one of only 10 LEED Certified Green Airport. Since the concept design, ECOBUILD has provided consultancy services on green building, high performance and energy-water efficiency. The building has a 12 MWh 3Gen system, 47% energy efficient. Building-saving equipment provides stormwater harvesting, black water and gray water conversion, providing 65% water efficiency. The building, which is used by 35,000 passengers per day, is constructed of materials with low VOC content.

Sustainability is the basic of our business. **That's why we work in our green office.**



Company Name **ECOBUILD**

Our company name means building an ecologically and economically sustainable world. ECOBUILD name is a registered trademark in Turkey.

Company **Established Date**

ECOBUILD Established in 2009, Ankara, Turkey

Company **Address**

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Company **Contact**

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ECOBUILD **Green Office**

ECOBUILD works in its own LEED Gold Certified green office for economy, health and social responsibility. ECOBUILD's green office applications use less energy and water. Also ECOBUILD uses low paper within the principles of green business.

Why **Ankara?**

Ankara is the capital of the Republic of Turkey. The city of Ankara is the center of the most important public institutions in our country. As ECOBUILD, we believe that we should choose a place in Ankara for green planning and transformation in our country.



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.



Under the consultancy of ECOBUILD, BORUSAN Green Offices were awarded the LEED Gold Certificate. Buildings meet all their energy needs from renewable energy.

“ Let's Transform
The World Together.

**Join the eco-friendly
revolution!**

Nursun DOĞRU

ECOBUILD, LEED AP ND
Green Building and City Expert
City Climate Planner

Consulting for **Green**

Resilient **City Design**

Resilience refers to equipping cities to face future shocks and stresses from climate change and depleted oil and fuel sources –and make it through crises. ECOBUILD offers resilient green city design and planning consultancy to municipalities.

ECOBUILD offers resilient city planning consultancy on topics such as city energy, greenhouse gas emissions, climate risk, city ecology, city water planning and city health.



City Greenhouse Gas **Emission Inventories**

Rapid urbanization and increasing human activities lead to an increase in greenhouse gases released into the atmosphere. This situation leads to global warming and climate change. City administrations should prepare the City Greenhouse Gas Emissions Inventory in accordance with international norms. ECOBUILD is the expert company in Turkey to provide consultancy services on the reporting of the City Greenhouse Gas Emissions Inventory.



Climate Change **Action Plans**

ECOBUILD plans to implement the Climate Change Action Plan as a plan that sets out the necessary actions to be taken in all the city-wide plans along with the historical objectives with In addition to the emission reporting and mitigation policy. The action plan sets out climate change scenarios and expected climate change impacts in the city. The city's carbon emission projection, mitigation and compliance policies are developed for all sectors.



Green Cities **Training Program**

ECOBUILD, offers the most detailed and technical education programs in Turkey about green city development. A majority of the experts on green cities in Turkey are graduates of this training. ECOBUILD is the leader of Turkey on the LEED Neighborhood Development Rating System education.





Green Urban Renewal & Development

Urban Transformation and Development Projects are the most important urbanism in ever-growing cities. ECOBUILD is an expert company in green city renewal design and development planning. ECOBUILD, provides consultancy services to urban regeneration and development projects with LEED AP ND city planing experts in the LEED ND Urban Renewal and Development certification criteria.



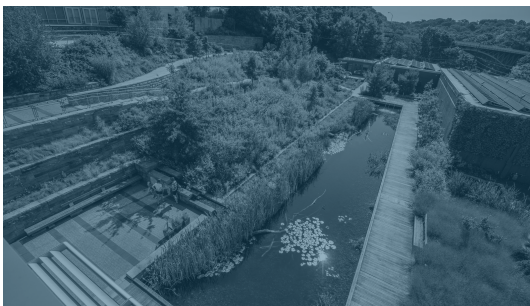
Green City Planning and Certification

ECOBUILD provides all green urban engineering and planning services including urban energy analysis, calculating GHG inventories in accordance with LEED for Cities. The LEED for Cities Green City Rating Certificate is designed as a global tool for measuring and comparing green performance of cities.



Envision™ Certified Green Infrastructure Projects

In addition to buildings, infrastructures such as pipelines, tunnels, dams, bridges and power generation facilities have a significant environmental impact. ECOBUILD provides consultancy services on green infrastructure systems. Envision Green Infrastructure Rating System is an objective framework of criteria designed to help identify ways in which sustainable approaches can be used to plan, design, construct and operate infrastructure projects.



Environment Friendly Recreation Areas

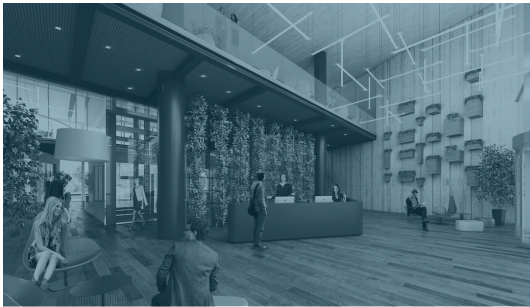
It is a necessity of green urbanism that the green spaces in the city are energy efficient, water efficient, ecological, sensitive to health and environmentally friendly. SITES® is the most comprehensive system for creating sustainable and resilient land development projects. ECOBUILD provides consultancy services on ecological recreation areas in accordance with SITES Certificate requirements.

Consulting for **Green**



Green Buildings and **LEED Certification**

ECOBUILD offers full-scale green building design and LEED certification services to customers. A customer-focused strategy is created by ECOBUILD's expert staff, with knowledge of project management areas, provide comprehensive solutions that fulfill all the requirements of the LEED green building system, including Commissioning, Acoustic and Energy Modeling services.



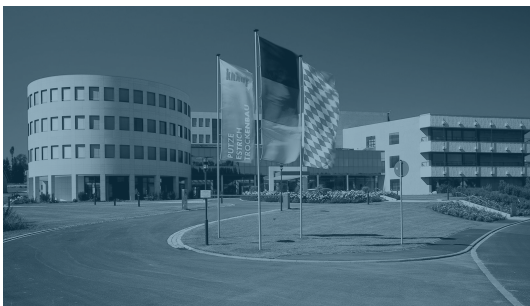
WELL Certified **Healthy Buildings**

ECOBUILD, offers the most detailed and technical education programs in Turkey about green building. A majority of the experts on green buildings in Turkey are graduates of this training. ECOBUILD is the leader of Turkey on the LEED Green Building Rating System of education.



Building **Energy Efficiency**

Building energy efficiency is the most important requirement in new building and building renovation projects. ECOBUILD provides energy modeling and building energy inspection consultancy services based on ASHRAE and computer simulation. High energy efficiency levels are provided by audits and computer simulation using many variables such as climatic conditions in the location of the building, electro-mechanical systems of the building, function of the building, and performance of the building's envelope.



Green **Building Materials**

ECOBUILD takes a holistic approach to green building material consultancy. ECOBUILD provides consultancy services on green construction materials production. ECOBUILD, checks the conformity of construction material products with EPD, LEED and similar building guidelines and standards and prepares the LEED green product declaration of your products. You will ensure that your products are preferred and used in LEED or other certified green buildings.

Green Buildings **Training Programs**

ECOBUILD, offers the most detailed and technical education programs in Turkey about green building. A majority of the experts on green buildings in Turkey are graduates of this training. ECOBUILD is the leader of Turkey on the LEED Green Building Rating System of education. ECOBUILD trains all experts who want to achieve exam success on internationally recognized green building credentials.



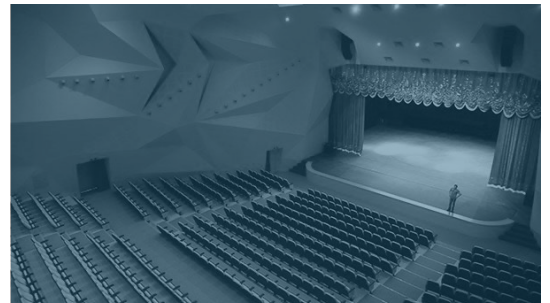
Green Building Engineering and **Architectural Design**

Green building design is the most important architectural development of today. The fact that a building is a green building is realized by the integrated design of architectural and engineering approaches. ECOBUILD provides the green building design services in international norms by considering all criteria of building, energy, water, environment, economy and health within the integrated design approach.



Green Building **Acoustic Design**

Building acoustics are becoming increasingly important in dense urban settlements. It is known that acoustics is critical for human health effects and communication. Acoustic Design has gained great importance as one of the indispensable elements of Green Buildings which aims to limit the environmental noise while increasing the quality of life and work of the building users.



Environmental **Product Declaration**

The environmental impact of all kinds of products, from production to re-use, can be assessed by life cycle analysis. ECOBUILD provides consultancy services in order to reduce the environmental impact of all products from production to transportation and usage to be green products. ECOBUILD ensures that the products receive EPD certificate with high environmental performance.



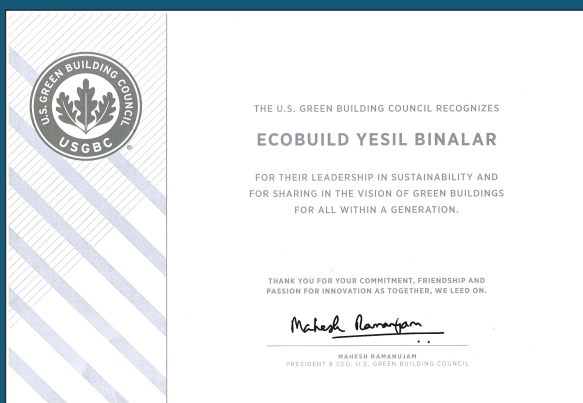


The Highlights

Green Business Consultancy Success / 2020 / CORE SERVICE



ECOBUILD has completed successful projects since its establishment. For this reason, it was awarded the **European Green Building Leader Award** by the **USGBC**, the world's largest green building and urban institution at 2018.



Winner of Europe Green Building Leader Award

ECOBUILD, taking the award in 2018, has experienced a significant honor in Turkey. It is our honor to receive this award in the world green building and urban consultancy sector.

➤ Companies cannot nominate themselves for the European Green Building Leader Award. Candidates are identified by the USGBC as confidential one year in advance and voted secretly by USGBC experts.

➤ The European Green Building Leader Award has been given to 3 companies that have done very successful work in green building projects, offer many different solutions and contribute to the green building sector in terms of quality and quantity.

We became a company that realized the firsts in our sector

Since 2009, we have had very good connections and very good customers in our Green Business Sector.

Turkey Ministry of Environment and Urban Development Green Building and Green Urban Design Guides has prepared by ECOBUILD. The guidelines were implemented by ECOBUILD in the Ecological City Project in the "Eskişehir Kocakır Ecological City" which has a size of 1.056 hectares and 180.000 population.



- We are the only Turkish company to work for the US Department of State's Bureau of Overseas Buildings Operations for Green Building Design, Construction and LEED Certification.
- We offer service in every region of the world. Such as;
 - Moscow, Russia
 - Sana, Yemen
 - Manila, Philippines
 - Port Moresby, Papua New Guinea
 - Iphofen, Germany
 - Mekka, Saudi Arabia
- The world's giant building material manufacturers, the world's best-known architects, the world's largest consulting firms worked with us. Such as;
 - HOK Architects
 - ARUP
 - AECOM
 - KNAUF
- In our country, the biggest architects, construction companies, ministries, municipalities have become our customers.
- We did not have competitors in our industry, they were our companions. We saw every expert, every company, every initiative working for a sustainable world very valuable.

“ Life is not just coincidence.

Life is a reflection of what we give her.

Client Portfolio

ECOBUILD, has a customer portfolio Turkey and worldwide

➤ **Public sector: Ministries, Local Governments, Universities**

- Bureau of Overseas Buildings Operations USA State Department
- Ministry of Environment and Urbanization
- Ministry of Education
- Ministry of Youth and Sports
- Ministry of Health
- ATO-Ankara Chamber of Commerce
- TOKİ Housing Development Administration
- Union of Municipalities of Turkey
- The Istanbul Metropolitan Municipality
- Izmir Metropolitan Municipality
- Konya Metropolitan Municipality
- Kocaeli Metropolitan Municipality
- Samsun Metropolitan Municipality
- Bursa Metropolitan Municipality
- Kayseri Metropolitan Municipality
- Municipality of Adapazarı
- Municipality of Şişli
- Municipality of Selçuklu
- TANAP Energy Market Regulatory Authority
- 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
- SOFRECO
- Human Dynamics
- Euro Consultants
- KNAUF AG
- Borusan ENBW
- Turkish Telecom
- Finance Technopark - İstanbul Stock
- OSTIM Management and Ostim Technopark
- ABS Gypsum Company
- AYGIPS Gypsum Company
- ARCELİK
- TÜMAŞ Consultancy
- PROKON Ekon Consultancy
- Temelsu Engineering
- MESA Construction
- TEPE Construction
- TEKFEN Construction
- LIMAK Construction
- Renaissance Construction
- KUZU Construction
- Yedaş Energy
- TEI & General Motors
- EAA Emre AROLAT Architects
- TABANLIOĞLU Architects
- YAZGAN Design
- Bütüner Architect
- A Design Architects
- Motto Architects
- AZAKSU Architects

➤ **Private Sector: Construction Companies, Urban Development Agencies, Architects, Consultancy Companies**

- HOK Architects
- ARUP
- AECOM



ECOBUILD has the following **expert staff** for consultancy **services ranging from green building materials to green cities.**



➤ **City and Regional Planning**

- City Planner
- City Climate Planner
- Greenhouse Gas Inventory Specialist
- Green Urban Renewal Expert
- City Energy Expert

➤ **Architecture**

- Green Building Architect
- Landscape Architect

➤ **Chemical Engineer**

- Green Materials Expert

➤ **Building Engineer**

- Green Building Expert
- Healthy Building Expert

➤ **Mechanical Engineering**

- Building Energy Efficiency and Energy Modeling Expert
- HVAC System Expert

➤ **Mechanical Engineering**

- Building Energy Efficiency and Energy Modeling
- Computational Fluid Dynamics CFD Expert

“ **Passion is energy.** Feel the power that comes from focusing on what excites you.

Oprah Winfrey

Extraordinary Experience

- Turkey's biggest green building Izmir Adnan Menderes Airport was made by consulting ECOBUILD.
- The tallest building in Ankara, Kuzu Effect Mixuse, emits 39% less greenhouse gas emissions with the LEED Gold Certificate.
- Konya Science Center is 65% water efficient as LEED Gold Certified.
- Green Award Winner KNAUF Cleaneo green suspended ceiling systems absorb VOCs in the indoor air. Knaf Cleaneo Acoustic Drywall® proves its value for nature with the declaration of conformity to LEED® criteria, which is the most valid green building certification system in the world.
- Turkey's largest ecologic city design Eskisehir Kocakir makes 80% lower emissions. Project has been designed by ECOBUILD. Project designed and planned, 1056 ha size and 180.000 living population ecological city for Ministry of Environment and Urbanism.
- ECOBUILD has trained more than 2000 experts in green building and urbanism.
- ECOBUILD gave training to academicians on green building and green urbanism at METU, Atılım, Bilkent, ITU, Yıldız Technical and Kayseri Melikşah University.
- ECOBUILD served green building scholarship to 60 students in Turkey.
- Since 2009, ECOBUILD has reached 32,600 followers on twitter.
- ECOBUILD, joined the 12 different green building and urban planning exhibition in USA, Turkey, Italy, Germany, UAE and China.
- Turkey's most energy efficient hospital was done by consulting ECOBUILD.
- ECOBUILD was the first company in Turkey using CFD analysis of urbanism projects.
- EcoBuild, is the first company was initially planning to green industrial zones in Turkey.
- ECOBUILD is the first consulting firm in Turkey, calculated greenhouse gas emissions for cities, developed green house gas mitigation reports and climate change action plans.
- ECOBUILD is first consultancy company established regulations for Environment and Urban Planning Ministry about green urban

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WE LOVE OUR
LEED
CERTIFIED BUILDING

LEED Gold certified Kuzu Effect Mixuse Building Ankara, uses gray water from residences in shopping mall toilets. The building uses the waste heat from the shopping center to heat the houses. The 189.000 m² building consumes 65% less energy than its counterparts and emits 39% less greenhouse gas.

ECOBUILD worked for this project for 6 years and a green building around the world emerged.

Our Credentials



City Greenhouse Gas Inventory Specialist

City Greenhouse Gas Emission Inventory Expertise approved by USGBC

- City Greenhouse Gas Inventory Specialist

LEED AP Accredited Professionals

Green Building Design and Certification Expertise approved by USGBC

- LEED AP BD+C - Building Design and Construction
- LEED AP ND Neighborhood Development
- Green Healthcare Buildings
- Green Rating for Residential Buildings

Green Infrastructure Sustainability Professional

Green Infrastructure Design and Certification Expertise approved by ISI Institute for Sustainable Infrastructure

- Envision SP - Sustainability Professional

WELL AP Accredited Professionals

Healthy and Green Building Design and Certification Expertise approved by International WELL Building Institute

- WELL AP - Sustainability Professional

Professional Memberships

ECOBUILD is a member of international professional institutions

- USGBC Silver Member Company
- ISI Institute for Sustainable Infrastructure
- International WELL Building Institute
- Chamber of Architects and City Planners

ECOBUILD specializes in green urbanism. Today, 50% of the world's population lives in business cities. In 20 years, this figure will increase to 70%. Cities responsible from 70% of the world's greenhouse gas emissions. Therefore, green urbanism will be the most important field of study of governments.





ECOBUILD®

Get In Touch!

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