

ACTIVITY REPORT 2019-2020



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About Lifelong Learning, Vocational Training and Development Association (HBODER)

Our objective is to continue training and awareness-raising activities for providing employment and development within the framework of lifelong learning principle, based on national and international occupational standards.

Our fields of activity are to carry out research and development studies for sector stakeholders alone or in cooperation with national / international organizations, and to organize thematic and vocational trainings.



Letter from the President



Dear Friends of HBODER,

We carry out projects and trainings to increase occupational development as well as social awareness and work to create value in line with the Sustainable Development Goals in the environment, agriculture, forestry, energy, information and communication technologies, flexible packaging and printing sectors, acting with the principle of lifelong learning in our Association, through which we aim to strengthen the Turkish civilian life, which is as important as business world and industry for the development of Turkey.

Believing that success in solving global problems can be possible as a result of the cooperation of stakeholders such as public institutions, private sector, universities, local governments and non-governmental organizations operating on a national and international scale, we have successfully completed two international projects focused on environment, energy and education and supported by the European Union in the last three years.

We continue to experience the effects and consequences of the pandemic, which has spread rapidly since the beginning of 2020, in all fields including education, economy, technology, community psychology, health and the environment. Incidents that affect the world and occur suddenly, such as this pandemic that we have experienced at first hand, become a turning point in our lives, forcing a structural change, the use of innovation, and their integration into life. By taking this point as a reference, we have put the young population, who is the future of society and our country, at the center of our activities with an innovative approach.

We aim to support vocational training and particularly increase the number of young people to be employed in green jobs through making international cooperations in the environmental and energy sectors, according to Turkey's national priorities and unique conditions with our project to begin in April 2021 and will be another successful step for us.

We have a long way to go, projects to be coordinated and dreams to be realized ...

Cem BAKİOĞLU

Executive Board

Cem Bakioğlu

President

Mete Çubukçu

Vice President

Aygün Pakyürek

Secretary of the Board

Ömer Altınöz

Bookkeeper of the Board

Kenan Sever

Board Member

Supervisory Board

Ali Enver Bakioğlu

Chairperson of the Supervisory Board

Sertaç Bakioğlu

Vice Chairperson of the Supervisory Board

Ege Orman Vakfı

(Representative: Perihan Öztürk)
Member of the Supervisory Board

Founding Members

Cem Bakioğlu

Ali Enver Bakioğlu

Sertaç Bakioğlu

Prof. Dr. Raşit Turan

Dr. Mete Çubukçu

Aygün Pakyürek

Ömer Altınöz

Mahmut Toprak

Yasemen Bilgili

Ege Orman Vakfı

Bak Ambalaj Sanayi ve Ticaret A.Ş.

Polibak Plastik Film Sanayi ve Ticaret A.Ş.

Bak Gravür Teknolojisi Sanayi ve Ticaret A.Ş.

Bareks Plastik Film Ekstrüzyon Sanayi ve Ticaret A.Ş.

Baknet Bilgi İşlem Taşımacılık Ticaret A.Ş.

Activities-Cooperation and Partnerships



National Cooperations

Izmir Governorship
Izmir Provincial Directorate of Agriculture and Forestry
Izmir Provincial Directorate of National Education
Republic of Turkey Berlin Consulate General
General Directorate of Combating Desertification and Erosion
Ege University
Dokuz Eylül University
Yaşar University
İstanbul University-Cerrahpaşa
Local governments of Izmir
Izmir Commodity Exchange
Izmir Vocational Education Center
Educational Institutions in Izmir



International Cooperations



Germany RENAC energy&climate gGmbH,
Sonnenkraft E.V,
Fraunhofer Institute

The UK The Carbon Trust

Italy New Horizons

Lithuania Social-Educational Initiatives

Poland Fundacja Ośrodek Badań i Edukacji w Zielonowie (OBEZ)

Romania Connect People 2U

Greece Institute of Entrepreneurship Development (IED)

Activities-Coordinated Projects

Zero Carbon Point Project

"Zero Carbon Point Project", with which HBODER applied to the fifth phase of Civil Society Dialogue Between Turkey and EU (CSD-V) Grant Programme in 2019, became one of the first 40 projects which were awarded grants out of over 900 projects. The overall objective of the project is to contribute to the sustainable dialogue established between civil society organizations in Turkey and EU member states by creating a carbon awareness point.

The project, which started on 01.04.2019 and lasted for 15 months, was successfully carried out with the coordination of Lifelong Learning, Vocational Training and Development Association, partnership of the Aegean Forest Foundation, RENAC energy & climate gGmbH and Karşıyaka Municipality and was completed on 30.06.2020.



Activities-Coordinated Projects

Zero Carbon Point Project

By reaching the objectives set in the project, which had a budget of 210,453.-Euro, “Zero Carbon Point Training Center” was established in Karşıyaka, Izmir where activities that contribute to the reduction of greenhouse gas emissions can be observed on-site and best practices regarding the adaptation of renewable energy sector components to daily life and efficient use of natural resources are exhibited.

Solar Tree (electricity generation capacity of 480 kWh/year)



Bicycles turning kinetic energy into electricity



1,5 kWp Wind Turbine and Rainwater Harvesting System



Training building with 5 kWp photovoltaic power system on its roof



Activities- Coordinated Projects

Zero Carbon Point Project

An innovative and interactive training program including new generation training equipment on climate action, clean and sustainable energy, zero carbon economy, waste management, green economy, European Union Environment and Energy policies was prepared to be implemented at the Zero Carbon Point Training Center. The building constructed within the scope of the project, the procured materials and the training materials prepared were transferred to the co-beneficiary Aegean Forest Foundation, which undertakes the coordination of the center, free of charge with a protocol.

It is aimed to raise young leaders who think ecologically about adaptation to climate change, understand natural systems and act together in the Center, which has the potential to create environmental and social impacts by using education, which is one of the most powerful elements of sustainable development.

Training and presentation area



New generation training materials



Solar and wind power experiment sets



Recycling vending machine



Activities-Projects to Start

Continued Dialogue, Closer to Europe Project

Evaluation period of Civil Society Dialogue between the EU and Turkey Grant Programme-6th Phase, to which concept note applications were made in 2019, was completed in 2020 and "Continued Dialogue, Closer To Europe" project awarded a grant.

Partners of the project, which will be coordinated by Lifelong Learning, Vocational Training and Development Association (HBODER), are Aegean Forest Foundation (EOV), Foresters' Association of Turkey, RENAC energy & climate gGmbH (RENAC) from Germany and Osrodek Badawczo edukacyjny w is Zielonowie (OBEZ) from Poland. Overall objective of the project, in which Karşıyaka Municipality, Bayraklı Nuri Atik Vocational and Technical High School, Özel Ege High School, Buca Süleyman Şah Vocational and Technical High School and Izmir Commodity Exchange will be associates, is to contribute to the development of sustainable civil society dialogue between Turkey and EU member states. The project, having a total budget of 162,234.63 Euros, will start on 01.04.2021 and will last 12 months.

Successfully completing the "Zero Carbon Point" (ZCP) project during the 5th Phase of the Civil Society Dialogue Programme, HBODER conceptually and physically built the Zero Carbon Point Training Center in collaboration with EOv, RENAC and Karşıyaka Municipality.

Starting point of the Continued Dialogue Closer to Europe project is the dissemination of information on energy and environment by transferring it to digital fields with the participation of national and international new stakeholders in the joint working model carried out in ZCP



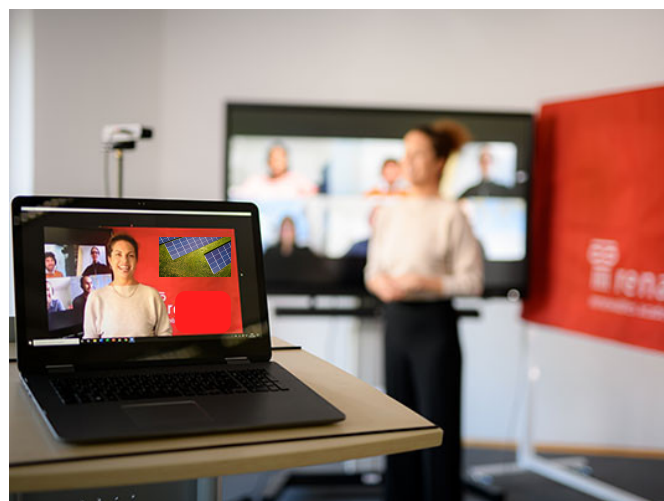
Activities-Projects to Start

Continued Dialogue, Closer to Europe Project

Within the scope of the project, young people between the ages of 15-18 will work with experts and educators to create a complementary and digital information platform and mobile application, which will include creative and innovative educational materials on environmental and energy subjects. The online platform, which will also be designed as a sustainable communication system, can also be used as an open library where young people can access up-to-date digital resources for their education, develop their capacities for their careers, and have information about EU Energy, Environment, Education and Culture policies.

Conceptual framework meetings held physically and in interactive environments, creation of e-learning objects, pilot applications, focus group meetings and hackathon/ideathon event are among the project activities and they will be carried out in Turkey, Germany, and Poland by using different and innovative methods.

The project, being transferable for national and international non-governmental organizations, educational institutions, private sector, public institutions and local governments, will contribute to Turkey's energy, environment and sustainable development policies and the United Nations Sustainable Development Goals of Quality Education, Climate Action, Sustainable Cities and Communities. With the project, which will create awareness in line with the 2019-2027 EU Youth Strategy, the number of "green-collar" employees of the future taking part in green jobs will be increased.



Activities-Project Applications

Adapting Our Future to Climate Change Project

Concept note application was made to the Climate Change Adaptation Grant Programme (CCAGP), the contracting authority of which is the Ministry of Environment and Urbanization, with the Adapting Our Future to Climate Change project. In the project, the evaluation process of which has two stages, HBODER is the coordinator institution, Izmir Provincial Directorate of National Education, Istanbul University-Cerrahpaşa Faculty of Forestry, Aegean Forest Foundation and Poland-based Osrodek Badawczo Edukacyjny w Zielonowie (OBEZ) are the co-applicants and Menderes Municipality is the associate. Within the scope of the project aiming to increase the adaptation capacity of the entire society, especially the youth, who are the decision makers and implementers of the future, an applied training program in nature will be prepared with biomimicry approach and an understanding of on-site learning, and the building located in the olive grove of the Aegean Forest Foundation will be organized as the Ecology Training Center. The interior and garden of the building will be restored as training areas, experiment sets and workshops will be prepared, training stations will be established in the adjacent forest area. With the project, children in Turkey will be ensured to learn climate sensitivities, asset/ infrastructure and components unique to their conditions and geography, critical thresholds and the parameters that can damage them in the context of climate change. The budget of the project, which is planned to last 12 months, has been determined as 143.550 €.



Holding to Our Roots Through Technology Project

Concept note application was made to the Promoting Decent Future of Work Approach With a Focus of Gender Equality Grant Program with Holding to Our Roots Through Technology project with the partnership of HBODER, Aegean Forest Foundation, Izmir Commodity Exchange, Ege University and Greece-based Institute of Entrepreneurship Development (IED). Izmir Provincial Directorate of Agriculture and Forestry, Izmir Olive Research Institute and Orange Association are among the associates of the project. The overall objective of the project is to develop sustainable employment in the agricultural sector with technological transformation on the basis of equality and within the framework of the decent work approach of the future. Among the objectives of the project are improving the technological competencies of young people in the agricultural sector and increasing their employability in the labor market, ensuring that agricultural workers, primarily women and refugees, have a command of technological innovations. In line with these goals, the budget of the project, which will last 12 months, including activities about the adaptation of technology to agriculture (Agriculture 4.0) and providing online training to agricultural workers working in the olive sector on pruning and harvesting, was determined as 276.500 €.

Activities-Project Development

Erasmus+ Green Education by Youthworkers Project

Green Education by Youthworkers, which was developed by HBODER and the applicant institution of which is the Aegean Forest Foundation (EOV), is a mobility project based on the United Nations Sustainable Development Goals, focusing on environment, entrepreneurship and green jobs. In addition to HBODER and EOY, NGOs from Romania, Poland, Greece, Lithuania, Italy and General Directorate of Combating Desertification and Erosion, Yaşar University, Izmir Vocational Education Center, Karşıyaka Municipality and IDEMA took part in the project, which is based on the cooperation of multilateral and transnational institutions.

With the project, which has a total budget of 224.922 € and is planned to last 15 months, it is aimed to give young people a "green economy", "advocacy" and "sustainability" perspective through ecology-based training materials, pilot trainings, online network and Eco-Hackathon activities. It is planned to digitally continue and disseminate the points where all axes intersect with the Green Youth platform.

The project, which was submitted as a full application, placed first in the reserve list, could not be supported due to insufficient grant resources, and it was recommended by the National Agency to resend the project for the next call.



Events and Meetings

Zero Carbon Point Project-Kick Off Meeting



The Kick-Off Meeting of the Zero Carbon Point project was held on 23.05.2019. The meeting started with the opening speeches of HBODER Secretary General Aygün PAKYÜREK, General Manager of Aegean Forest Foundation Metin GENÇOL, Directorate for EU Affairs İzmir Representative Ceyhan ÇİÇEK, İzmir Karşıyaka Municipality Mayor Dr. Cemil TUGAY, continued with project coordinator Kadir BİLGİLİ and RENAC energy & climate gGmbH project coordinator Salem KADI's presentations and ended with a cocktail and a classical music concert. Information about the objectives of the project, activities, Environment and Energy policies of the European Union and Turkey's harmonization process, the importance of civil society dialogue on integration were given at the meeting.

ESIAD Project Fair



HBODER and Aegean Forest Foundation representatives introduced the Zero Carbon Point project at the Civil Society Organizations in Izmir Project Fair organized by the Aegean Industrialists and Business People Association. Cooperation opportunities were evaluated by meeting with other teams of the projects financed by the EU and carried out in Izmir.

Events and Meetings

Fraunhofer Institute Project Meeting



Representatives of HBODER, Aegean Forest Foundation, RENAC energy & climate gGmbH and Karşıyaka Municipality introduced the Zero Carbon Point project at the Fraunhofer Institute in Germany. Klaus Kiefer, Head of the Department of Photovoltaic Modules and Power Plants at the Institute, made a presentation and informed participants on renewable energy, the activities of the Institute, the history of solar energy systems, and Germany's renewable energy and carbon management policies.

The representatives who visited the research laboratory at the institute, where only academicians were accepted with special permission, participated in physical and chemical experiments and examined the new generation photovoltaic applications, renewable energy exhibition and innovative designs in the campus.

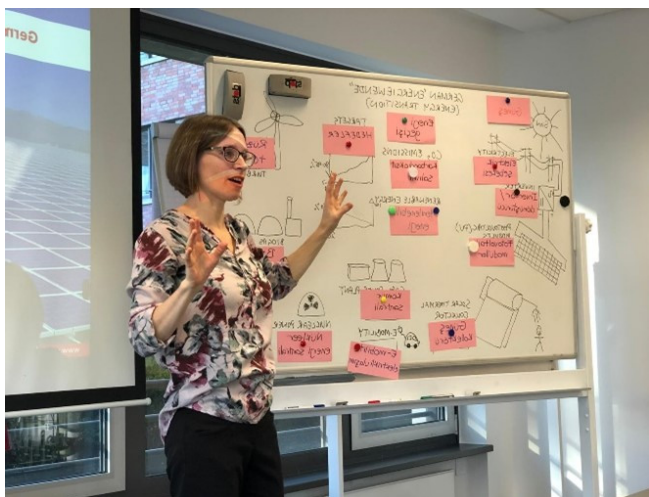


Events and Meetings

RENAC energy & climate gGmbH-Berlin Workshop

Representatives of HBODER, Aegean Forest Foundation and Karşıyaka Municipality attended the workshop organized in November 2019 at the center of RENAC energy & climate gGmbH, partner of the Zero Carbon Project in Berlin, under the main topics of renewable energy applications and EU Environment-Energy policies.

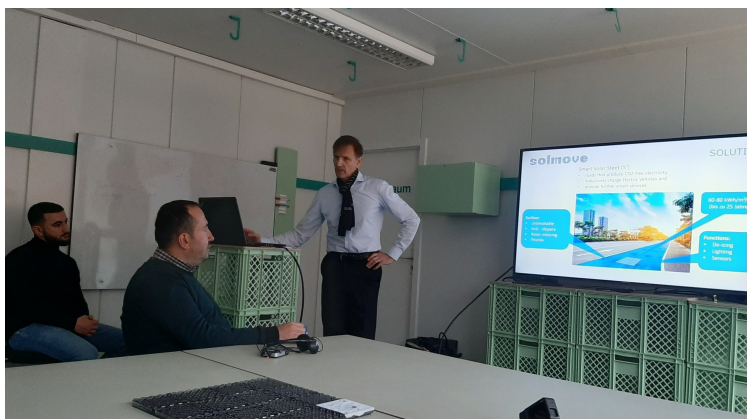
Within the scope of the programme, technical information on Green Deal Strategy, Germany's energy transition plan, 2030 and 2050 carbon emission reduction and climate neutral targets, renewable energy technologies, photovoltaic systems, energy efficiency and energy saving in buildings were shared, presentations were carried out with interactive applications and experiment sets.



Events and Meetings

EUREF Campus Visit

Within the scope of the technical visit programme of RENAC gGmbH, EUREF Campus, which brings together more than 150 academics, researchers and big companies with technology entrepreneurs in the fields of energy and innovation, was visited. The Campus, which houses historical buildings used as gasometer in the past, has been reconstructed as the living laboratory of the energy transition, where innovative designs, studies and practices can be seen and experienced in the integration of renewable energy into daily life, in order to create an environmentally friendly and smart city of the future in Berlin.



Official Meetings



Within the scope of official meetings carried out abroad, the German Parliament and The Consul General of Berlin, Mr. Rifki Olgun Yücekök was visited. The Ambassador was informed about the association, projects and ongoing collaborations. Mr. Yücekök stated that he could support the projects that will be realized with other EU member countries as well as Germany.

Events and Meetings

The Training of the Trainer

The Training of the Trainer programme was held with the participation of RENAC energy & climate gGmbH project coordinator Salem Kadi and Dr. Mete Çubukçu in March 2020 within the scope of Zero Carbon Point project. In the programme, the volunteers of the Aegean Forest Foundation, consisting of academicians, teachers, business people and educators, were informed about renewable energy, zero carbon technology, environmental-energy policies in the EU and around the world, fight against climate change, adaptation methods, and the training program to be implemented at the Zero Carbon Point Training Center. Certificates were given to the participants who completed the 24-hour training program.



Events and Meetings

Pilot Trainings and Promotion

The pilot implementation of the training program prepared within the scope of the Zero Carbon Point Project was carried out with the participation of high school students. Young people experienced all stages of the training program including interactive survey application, Carbon Hunter VR game, videos, presentations, carbon and water footprint calculation tools, hybrid renewable energy experiment set, and stated their opinions and suggestions about practices and activities.



Hands-on training sessions were held for the Consultation Committee and volunteer trainers. İzmir Metropolitan Municipality officials attending the promotional event in the Zero Carbon Point building and its garden were informed about the project and training programme.



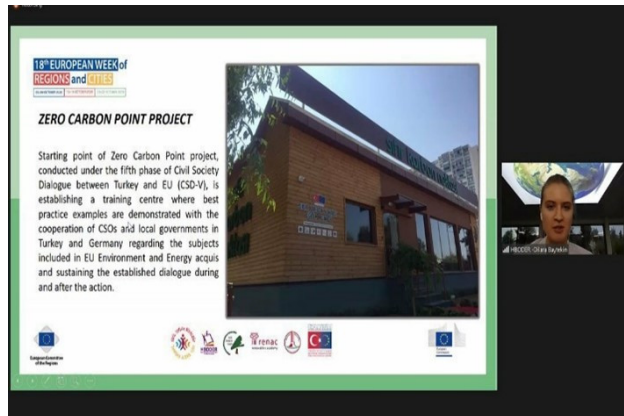
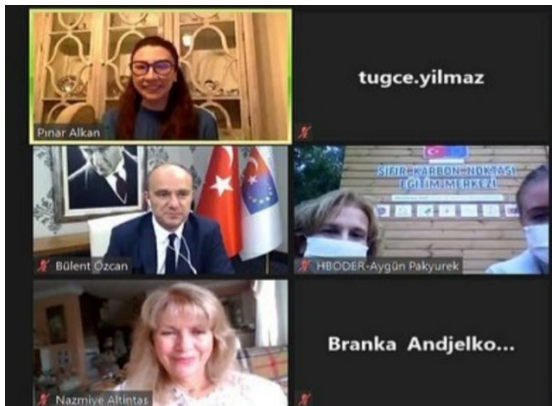
Events and Meetings

Visits and Online Meetings

Karşıyaka Municipality Mayor Dr. Cemil Tugay, President of HBODER Cem Bakioğlu and Vice Chairman of the Supervisory Board Sertaç Bakioğlu made observations at the Zero Carbon Point Training Center. Guests were informed about the training program to be implemented at the Center, new generation training materials and ongoing collaborations.



Zero Carbon Point project was one of two projects selected to be promoted at the event held online as part of the European Regions and Cities Week programme. The meeting, which was hosted by European Union Delegation and attended by politicians, experts, and consultants in Europe and Turkey, was conducted interactively from Zero Carbon Point, in the presentation made to share information about the project, Training Center and applications in there were introduced.



Financial Tables

Balance Sheet and Income Statement of 2019-2020

LIFELONG LEARNING, VOCATIONAL TRAINING AND DEVELOPMENT ASSOCIATION BALANCE SHEET 31.12.2019- 31.12.2020					
ACTIVE	2019	2020	PASSIVE	2019	2020
CURRENT ASSETS	287.396,30	36.718,60	SHORT TERM FOREIGN ASSETS	20.689,46	508,01
LIQUID ASSETS	284.929,89	36.618,60	TRADE LIABILITY	2.396,73	408,01
1 - (100) CASH	457,71	106,54	1 - (320) VENDORS	2.396,73	408,01
2 - (102) BANKS	284.472,18	36.512,06	ACCRUED INCOME AND EXPENSES	18.292,73	0,00
TRADE ACCOUNT RECEIVABLES	0,00	100,00	2 - (360) TAXES AND ASSETS TO BE PAID	11.968,51	0,00
3 - (120) EMPLOYERS	0,00	100,00	3 - (361) SOCIAL SECURITY CONTRIBUTIONS TO BE PAID	6.324,22	0,00
			EXPENDITURE AND RECEIPTS REALIZATION OF UPCOMING MONTHS	0,00	100,00
OTHER CURRENT ASSETS	2.466,41	3.000,56	4 - (380) ACCRUED INCOME	0,00	100,00
4 - (193) DEFERRED TAXES AND ASSETS	2.466,41	3.000,56	OWNER'S EQUITY	383.762,46	44.752,81
FIXED ASSETS	117.055,62	5.541,66	PAID IN CAPITAL	120.477,19	120.477,19
INVENTORY	117.055,62	1.027,74	5 - (500) PAID IN CAPITAL	120.477,19	120.477,19
5 - (255) FIXTURE	45.544,19	5.064,75	ACCUMULATED EARNINGS	0,00	263.285,26
6 - (257) ACCUMULATED DEPRECIATION	-7.101,35	-4.037,01	6 - (570) ACCUMULATED EARNINGS (INCOME PROFIT)	0,00	263.285,26
7 - (259) ADVANCE PAYMENTS	78.612,78	0,00	NET PROFIT (LOSS)	263.285,27	-339.009,64
INTANGIBLE FIXED ASSETS	0,00	4.513,92	7 - (590) NET PROFIT (NET EXCESS OF INCOME)	263.285,27	0
8 - (260) INTANGIBLE FIXED ASSETS	0,00	4.513,92	8 - (591) NET LOSS (NET EXCESS OF EXPENDITURE)	0,00	-339.009,64
TOTAL ACTIVE	404.451,92	45.260,82	TOTAL PASSIVE	404.451,92	45.260,82

LIFELONG LEARNING, VOCATIONAL TRAINING AND DEVELOPMENT ASSOCIATION INCOME STATEMENT FOR THE PERIOD OF 2019-2020		
	2019	2020
INCOME	514.285,88	93.590,07
1 - (600) MEMBERSHIP FEES	46.800,00	31.100,00
1 - (600) DONATIONS RECEIVED FROM PUBLIC INSTITUTIONS	442.119,83	0,00
2 - (602) OTHER INCOME	16.442,45	3.561,47
3 - (603) DONATIONS	8.923,60	58.928,60
NET INCOME	514.285,88	93.590,07
GROSS PROFIT OR LOSS	514.285,88	93.590,07
OPERATING EXPENSES(-)	-288.119,52	-440.393,56
5 - (632) GENERAL MANAGEMENT EXPENSES	-681,61	0,00
6 - (633) PURPOSE ORIENTED EXPENSES	-287.437,91	-440.393,56
OPERATING INCOME OR LOSS	226.166,36	-346.803,49
ORDINARY INCOME AND PROFIT BY OTHER OPERATIONS	62.648,42	1.988,37
5 - (646) EXCHANGE PROFIT	62.648,42	1.988,37
ORDINARY EXPENSE AND LOSS BY OTHER OPERATIONS	-25.529,58	-1.799,81
6 - (656) LOSS ON EXCHANGE	-25.529,58	-1.799,81
ORDINARY PROFIT OR LOSS	263.285,20	-346.614,93
EXTRAORDINARY INCOME AND PROFIT	0,07	7.605,29
7 - (679) OTHER EXTRAORDINARY INCOME AND PROFIT	0,07	7.605,29
PROFIT OR LOSS OF THE PERIOD	263.285,27	-339.009,64

Sıfır Karbon Noktası hayata geçiriliyor

Avrupa Birliği'nden hibe alan Sıfır Karbon Noktası projesinin açılış toplantısı Karşıyaka'da Zübeyde Hanım Nikah Evi'nde gerçekleştirildi. Yapılan toplantıda projenin ayrıntıları anlatıldı

HAYAT Boyu Öğrenme, Mesleki Eğitim ve Geliştirme Derneği, Ege Orman Vakfı ve RENAC energy & climate GmbH ortaklığı ve Karşıyaka Belediyesi işbirliğiyle hazırlanan, Türkiye ve AB Arasında Sivil Toplum Diyaloğu V (CSD-V) Hibe Programı kapsamında destek alınmaya hak kazanan "Zero Carbon Point" (Sıfır Karbon Noktası) projesinin açılış toplantısı Karşıyaka Belediyesi Zübeyde Hanım Nikah Evi'nde gerçekleştirildi. Açılış toplantısında Hayat Boyu Öğrenme Mesleki Eğitim ve Geliştirme Derneği'nin temsilcisi Aziz Nesin Bulvarı, Türkiye ve Avrupa Birliği üyesi ülkelerden sivil toplum kuruluşlarının ka-

luc diyalog kuralmasını sağlayan hibe programı, proje ortaklarının iş birliğinin dayanışma ve projedeki rollerini anlattı.

ÇOK HEYECANLIYIZ

Proje ile ilgili bir sunum yapan Proje Koordinatörü Kadri Bilgili, toplantı buluştu 210 bin 463 Euro olan ve 12 ay sürecek projenin karşılıklı bilgi paylaşımı ve iyi uygulamalar örneklerinin aktarılmasına dayalı yürütüleceğini söyledi. Proje ile Karşıyaka Belediyesi Evrensel Çocuk Müzesi ve Eğitim Kampüsü'nde kurulacak Sıfır Karbon Noktası'nda iklim değişikliği ile mücadele, sürdürülebilir enerji kaynakları, sıfır karbon ekonomisi

ve atık yönetimi konularında eğitimler verileceğini belirtti. Projenin diğer eş faydalanacağı Ege Orman Vakfı adına konuşma yapan Genel Müdür Metin Genç, Vakfın çalışmalarını hakkında bilgi vererek, projenin hayata geçmesinden dolayı çok heyecanlı olduklarını ve Vakfın eğitim kapasitesinin bu proje ile daha da güçleneceğine inandıklarını söyledi.

Karşıyaka Belediye Başkanı Cemil Tuğay, Evrensel Çocuk Müzesi ve Eğitim Kampüsü'nde oluşturulacak alanın özellikle çocuklar için çok önemli bir eğitim noktası olacağını ve proje içinde olmakta çok büyük mutluluk duyduklarını ifade etti.

ic diyalog kuralmasını sağlayan hibe programı, proje ortaklarının iş birliğinin dayanışma ve projedeki rollerini anlattı.

MEDIA NEWS



HBODER
Hayat Boyu Öğrenme Mesleki Eğitim ve Geliştirme Derneği

Karşıyaka'ya temiz enerji merkezi açıldı

Sıfır Karbon Noktası Eğitim Merkezi hizmete açıldı. Karşıyaka'daki merkezde, karbon emisyonlarının azaltılmasına katkıda bulunacak faaliyetler yerinde gözlemlenebilecek, öğrencilere eğitimler verilecek

KARŞIYAKA'ya yeni bir enerji ve yenilenebilir enerji kaynakları ile ilgili faaliyetler yerinde gözlemlenebilecek, öğrencilere eğitimler verilecek. Karşıyaka Belediyesi Zübeyde Hanım Nikah Evi'nde gerçekleştirildi. Açılış toplantısında Hayat Boyu Öğrenme Mesleki Eğitim ve Geliştirme Derneği'nin temsilcisi Aziz Nesin Bulvarı, Türkiye ve Avrupa Birliği üyesi ülkelerden sivil toplum kuruluşlarının ka-

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Karşıyaka Belediye Başkanı Cemil Tuğay, Evrensel Çocuk Müzesi ve Eğitim Kampüsü'nde oluşturulacak alanın özellikle çocuklar için çok önemli bir eğitim noktası olacağını ve proje içinde olmakta çok büyük mutluluk duyduklarını ifade etti.



Karşıyaka'da temiz enerji eğitimi başladı

HAYAT Boyu Öğrenme, Mesleki Eğitim ve Geliştirme Derneği, Ege Orman Vakfı, Almanya merkezli RENAC energy & climate GmbH ortaklığı ve Karşıyaka Belediyesi işbirliğinde hazırlanan Sıfır Karbon Noktası Projesi, Mavişehir'de hayata geçirildi. Türkiye ve AB Arasında Sivil Toplum Diyaloğu (CSD-V) Hibe Programı'ndan 210 bin Euro hibe desteği alan proje kapsamında, yenilenebilir enerji kaynaklarının yaşam alanlarına entegrasyonunun ve doğal kaynakların verimli kullanılmasının model olarak görülebileceği bir eğitim merkezi kuruldu.

Proje hakkında bilgi veren Başkan Cemil Tuğay, "Sıfır Karbon Noktası Eğitim Merkezi, sergileyeceği örnekler ve yaratacağı farkındalık ile çevre ve doğa için gösterdiği örneklerin önemi bir adım olacak. Yenilenebilir enerji kaynakları, sıfır karbon ve iklim değişikliği gibi konularda çocuklarımızı bilgilendirmek, farkındalık sahibi nesiller yetiştirmeye katkı sunmak için işbirliği içinde çalışmaya devam edeceğiz" dedi.

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Sıfır Karbon Noktası Eğitim Merkezi açıldı

Karşıyaka'da hayata geçirilen Sıfır Karbon Noktası Projesi tamamlandı. Yenilenebilir enerji kaynaklarının azaltılmasına katkıda bulunacak faaliyetler yerinde gözlemlenebilecek, öğrencilere eğitimler verilecek

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MERKEZDE NELER VAR?

Mavişehir Aziz Nesin Bulvarı üzerinde yer alan merkezde; yenilenebilir enerji ile elektrik üretmek üzere güneş panelleri ve rüzgar türbini yer alıyor. Ziyaretçiler, bahçede bulunan iki adet bisiklet ile kinetik enerjili elektrik enerjisine çevirerek, küçük elektronik aletlerini şarj edebiliyor. Güneşten aldığı enerjiyi depolayarak



KARŞIYAKA'YA 'temiz enerji' üssü

Karşıyaka'da yerel, bölgesel ve uluslararası düzeydeki kuruluşların iş birliğiyle hayata geçirilen Sıfır Karbon Noktası Projesi tamamlanıyor.

Yenilenebilir enerji üretim sistemi modellerinin sergilendiği merkezde, karbon emisyonlarının azaltılmasına katkıda bulunacak faaliyetler yerinde gözlemlenebilecek. Ege Orman Vakfı tarafından öncelikle öğrencilere yeni nesil öğrenme teknolojileri ile eğitimler verilecek.

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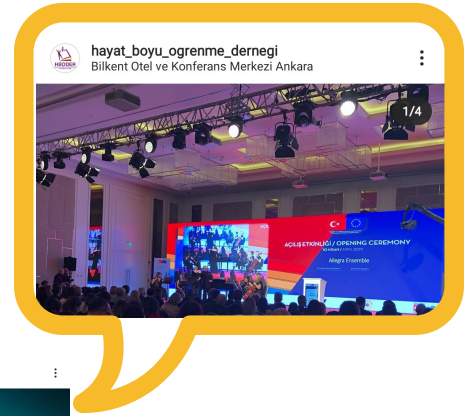
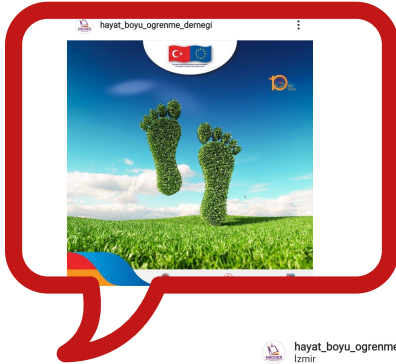
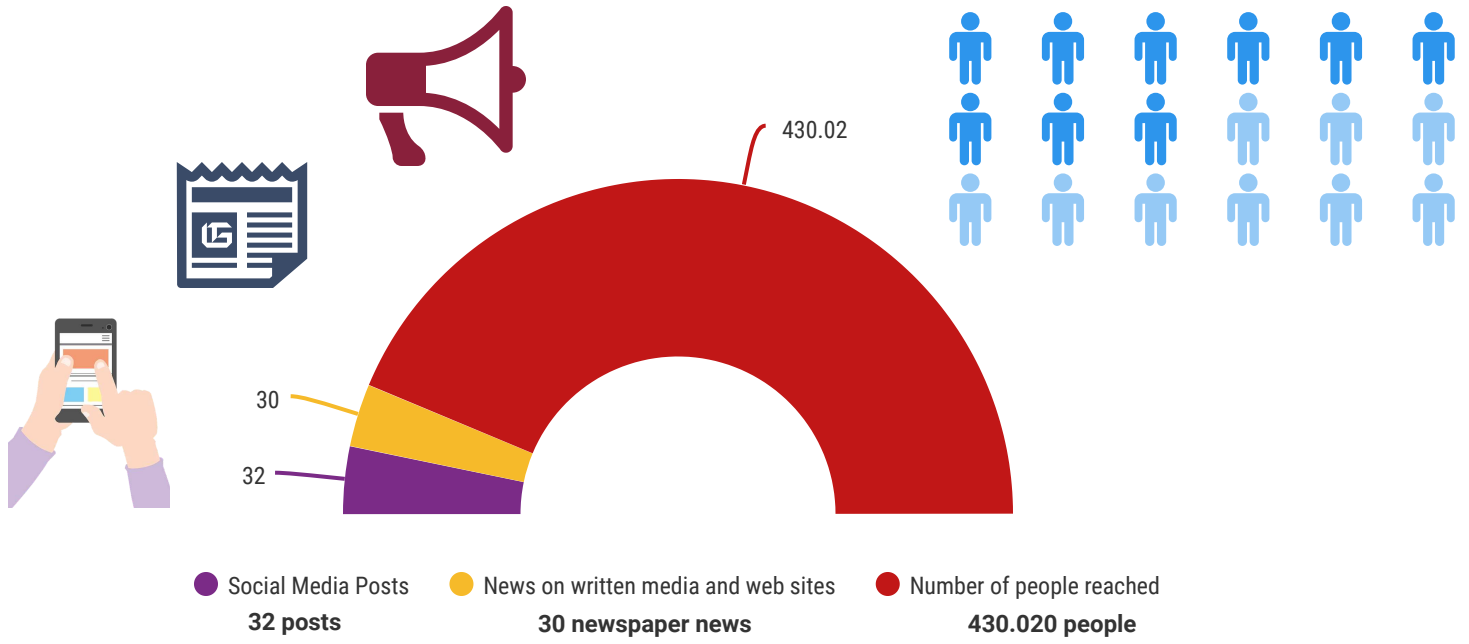
Merkezde neler var?

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Faaliyete geçen ve ziyarette açık olan merkezde, yeni nesil teknolojinin kullanılacağı eğitim programına ön kayıtlar alınmaya başlandı. Bu kapsamda öğrencilere; iklim değişikliğiyle mücadele, sürdürülebilir enerji kaynakları, sıfır karbon ekonomisi, atık yönetimi ve yeşil şehirler ile Avrupa Birliği çevre ve enerji uygulamaları konularında eğitimler verilecek. Sera gazı emisyonlarının azaltılmasına katkıda bulunan faaliyetler yerinde gözlemlenebilecek. Mavişehir Aziz Nesin Bulvarı No:3 adresinde bulunan Sıfır Karbon Noktası Eğitim Merkezi'ne, 0232 463 80 80 ve 0535 345 58 98 numaralı telefonlardan ulaşılabilecek.



Visibility Statistics-Social Media Posts



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