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CLIMATE CHANGE ADAPTATION GRANT PROGRAM COMPENDIUM



REPUBLIC OF TÜRKİYE
MINISTRY OF ENVIRONMENT,
URBANIZATION AND CLIMATE CHANGE



Environment and Climate Action
Sector Operational Programme



REPUBLIC OF TÜRKİYE MINISTRY OF ENVIRONMENT,
URBANIZATION AND CLIMATE CHANGE
**DIRECTORATE of
CLIMATE CHANGE**



iklime uyum



UNITED NATIONS
DEVELOPMENT PROGRAMME



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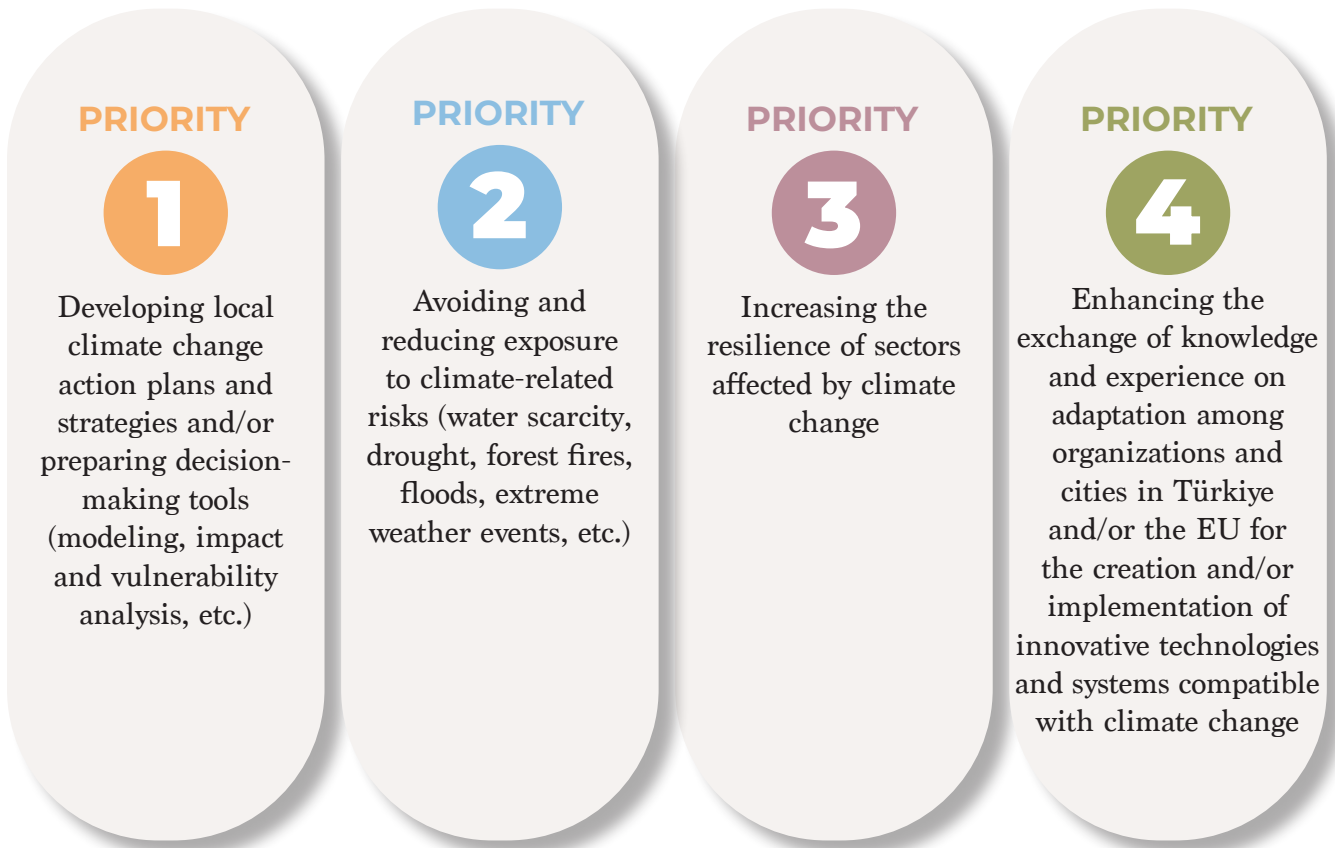
Climate Change Adaptation Grant Program

“Enhancing Adaptation Action in Turkey” was launched on 8 October 2019 and is funded by the European Union and the Republic of Türkiye through the Instrument for Pre-Accession Assistance II (IPA II). It is implemented by the United Nations Development Programme (UNDP) Türkiye Country Office, with the Directorate General for European Union and Foreign Affairs of the Ministry of Environment, Urbanization and Climate Change acting as Contracting Authority. The Directorate of Climate Change of the same Ministry is the final beneficiary. The total project budget amounts to €4,225,000 and total grant component budget is €6.800,000.

The general objective of the project is to enhance societal resilience by strengthening climate change adaptation, particularly at the sectoral and urban levels.

In order to create an enabling environment for adaptation action in Türkiye, the special objectives are:

- Developing better decision-making tools for national climate change adaptation policies,
- Providing urban adaptation planning solutions (local climate change adaptation strategies and action plans),
- Capacity building and networking activities for climate change adaptation with the EU and the international community,
- Launching the Climate Change Adaptation Grant Program.



The grant program was established to promote local and regional adaptation initiatives in Türkiye. Its aim is to enhance resilience of communities, safeguard natural resources and ecosystems, and enhance the adaptive capacity of vulnerable social groups, cities, and economic sectors.

Through its call for proposals, the program targeted municipalities, regional and provincial directorates, development agencies, civil society organizations, universities, research institutes, community-based organizations, chambers, and unions in Türkiye and the EU.

With a budget of €6.8 million, the Program divided into two lots: Lot 1 (€100,000–150,000) and Lot 2 (€150,000–450,000). Applications were accepted between 14 October and 28 December 2020, during which 1,000 proposals were submitted. In total, 29 projects were awarded grants, of which 28 are currently under implementation/completed across 15 provinces, including İstanbul, Kocaeli, İzmir, Ankara, Tekirdağ, Kırklareli, Bartın, Mersin, Hatay, Antalya, Eskişehir, Balıkesir, Niğde, Malatya, and Sinop. Since December 2023, these projects have been actively advancing activities in line with the program’s priorities, contributing to strengthened climate resilience at local and regional levels.

Technical Assistance

The Technical Assistance Team (TAT) has implemented several activities for the management, monitoring, and visibility of the Climate Change Adaptation Grant Program (CCGAP).

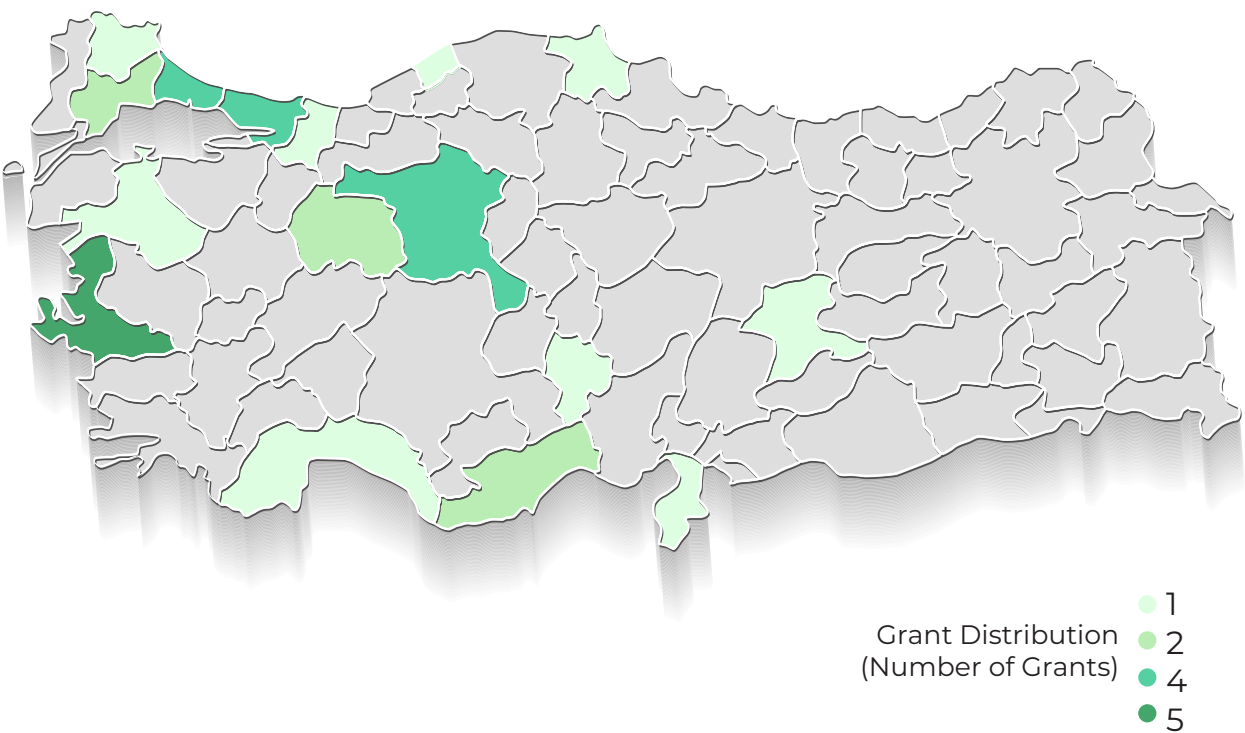
A set of guidelines was prepared to facilitate grant implementation, while a web-based Grant Management Information System (MIS) was established to support grantees in submitting deliverables, monitoring requests, and enabling interim and final reports.

Technical and administrative assistance was provided throughout the grant cycle, including application support, daily implementation guidance, and preparation of implementation documents. A structured monitoring program was designed in cooperation with the Ministry, including planned monitoring visits and spot checks completed together with the MOEUCC Directorate of Climate Change, reports were prepared after each visit to ensure accountability and progress tracking. Technical and Financial Reporting trainings were organized with a view to ensuring accurate reporting in compliance with the contractual terms and conditions.

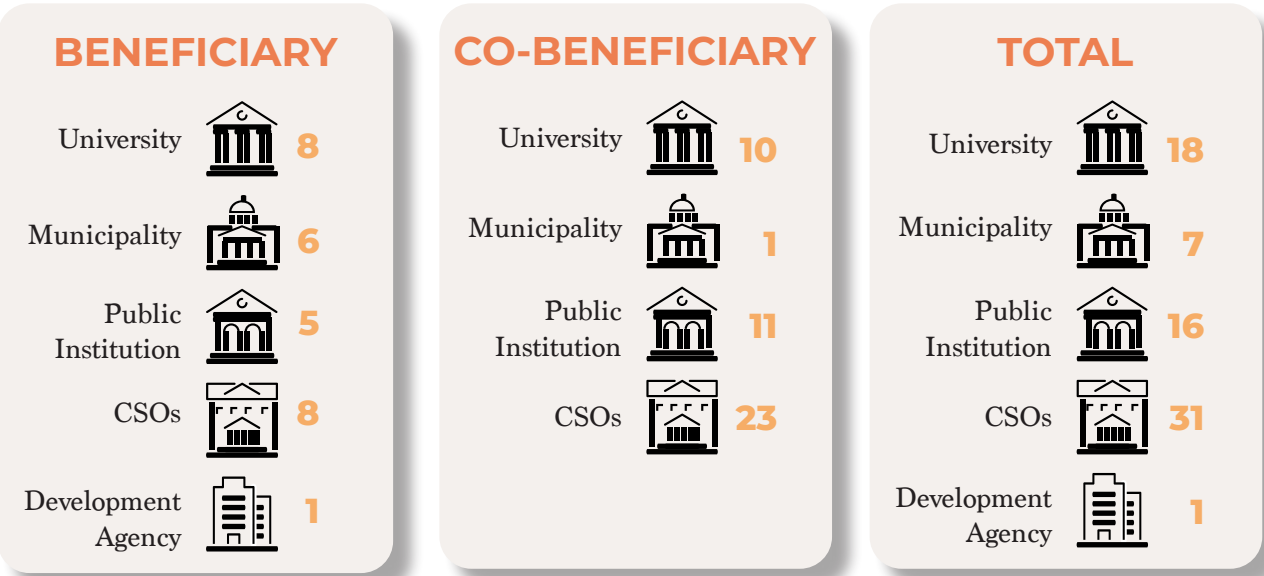
Capacity building and knowledge-sharing were further enhanced through four consultative meetings, bringing together project representatives in hybrid formats to exchange experiences, assess progress, and strengthen collaboration.

Finally, visibility and communication activities were prioritized, including the preparation of a lessons learned report, a dissemination strategy, a compendium, and short documentary videos highlighting achievements and outputs of the grant projects. Communication support was also extended to grant beneficiaries, complemented by the organization of a Grant Fair event to showcase results and promote broader engagement.

Grant Project Distribution (Provincial)



Grant Project Distribution (Institutional)



List of Grant Projects

- 1** **CCAGP/041**
Strengthening the Climate Change Adaptation through the Mapping of Seagrass Meadows for Marine Protection Areas in the Black Sea
- 2** **CCAGP/055**
C'Localization - Localization for Climate Change Adaptation
- 3** **CCAGP/067**
Malatya Metropolitan Municipality of Social Consciousness and Awareness Raising Project with the Preparation Climate Change Adaptation Action Plan
- 4** **CCAGP/073**
Application and Expansion of Climate Change Resilient Agricultural Production Model in Eskişehir Province
- 5** **CCAGP/081**
Development of Polatlı Climate Change Adaptation Action Plan
- 6** **CCAGP/085**
Implementing a Climate Change Adaptation Strategy to Create Economic Opportunities for Rural Women
- 7** **CCAGP/088**
Land Degradation Neutrality for Climate Change Adaptation in TR21 Trakya Region
- 8** **CCAGP/090**
STORMLOG (Sustainable Transportation and Water Management in Local Governmental Services) Project
- 9** **CCAGP/094**
To Improve the Competitiveness and Climate Change Adaptive Sustainability of Rural Areas, Young and Women Farmers
- 10** **CCAGP/095**
Cleaner Production for Climate Change Adaptation

List of Grant Projects

- 11** **CCAGP/097**
All in Green Creation a Climate - Resilient Neighborhood in the Industrial Town
- 12** **CCAGP/121**
Climate Change Vulnerability Assessment of Urban Coastal Districts in İzmir
- 13** **CCAGP/133**
Enhancing Adaptive Capacity of Manufacturing Sectors Vulnerable to Climate Change Through Risk Assessment (ClimaTech 4 Industry)
- 14** **CCAGP/135**
Masters of the Drought
- 15** **CCAGP/141**
Improving Efficiency & Reliability in Urban Water Distribution Systems for Combating Climate Change
- 16** **CCAGP/158**
Make a Move for Adaptation to Climate Change
- 17** **CCAGP/206**
Assessment of Climate Change Impacts on Food Safety and Enhancing the Resilience of Rural Communities
- 18** **CCAGP/231**
Building Community Resilience to Natural Hazards and Climate Change in Local and Regional Areas (Resilience Action Academy)
- 19** **CCAGP/251**
Forest Ecosystem Services for Societal Adaptation in İstanbul Regional Directorate of Forestry
- 20** **CCAGP/311**
An Urban Water Resilience Approach to Enhancing Climate Change Adaptation in Turkish Cities

List of Grant Projects

- 21** **CCAGP/342**
Promoting Resilience and Adaptation to Climate Change by Preventing Water Lost
- 22** **CCAGP/418**
Increasing Adaptation of Hatay to Climate Change Particularly in Terms of Forest Fires
- 23** **CCAGP/420**
Climate Smart Farms: A Model for Adaptation of Agriculture to Climate Change
- 24** **CCAGP/558**
Hear the Plants' Voice, Adapt for Climate Change
- 25** **CCAGP/560**
Plan Bee: Increasing the Adaptation Capacity of Istranca Beekeeping to Climate Change
- 26** **CCAGP/611**
Predicting the Distribution of Future Basic Forest Tree Species Using Different Climate Projections and Developing Adaptation Strategies for Türkiye
- 27** **CCAGP/746**
Climate Change Adaptation Strategies: Reducing the Risks of Flooding and Water Scarcity in Bartın
- 28** **CCAGP/867**
Adapting Our Future to Climate Change

GRANT PROJECTS



TR2017 ESOP MI A3 04 / CCAGP / 041

Strengthening the Climate Change Adaptation through Mapping of Seagrass Meadows for Marine Protection Areas in the Black Sea

Beneficiary	Sinop University
Co-Beneficiaries	Mare Nostrum Organizatia Ecologista Neguvernamentala "Mare Nostrum" Constanta (Romania) Sinop Provincial Special Administration (Türkiye)
Project Location	Sinop / Türkiye
Project Duration	(18+6) 24 Months
Project Budget	€159,829.36

Project Objective

The objective of the project is to identify marine protected areas through mapping seagrass meadows in the Black Sea (off the coast of Sinop), to prevent risks related to climate change, reduce exposure, and increase the resilience of the fisheries, biodiversity, and environmental sectors.

This involves developing local climate strategies for the main fishing industry and expanding the knowledge base of society on climate change adaptation in Türkiye through awareness-raising activities, as well as increasing the exchange of adaptation knowledge and experience between organizations within Türkiye and the EU for the implementation of Marine Protected Areas (MPAs) covering seagrass meadows.



Project Highlights

To contribute to Climate Change Adaptation,

01

MPAs are determined by mapping sensitive habitats covered with seagrass meadows, supported by concrete artificial reefs (ARs).

02

Local climate strategies are determined for the fishing industry.

03

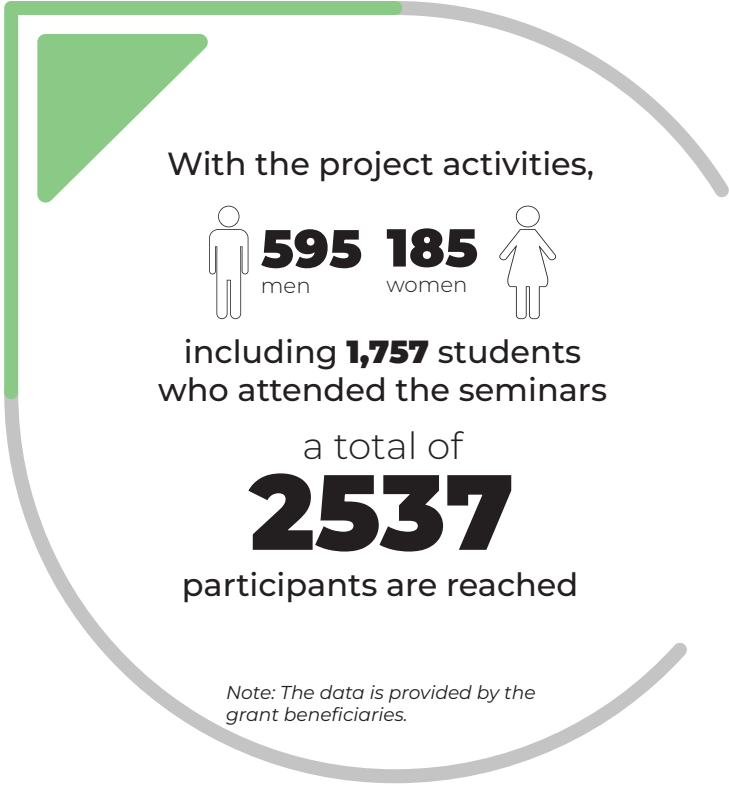
Awareness activities are realized relating to climate change adaptations in Turkey.

04

Exchange of adaptation for know-how and experience sharing among organizations is realized within Turkey and the EU for implementation of the MPAs covering seagrasses.

Main Project Activities and Outputs

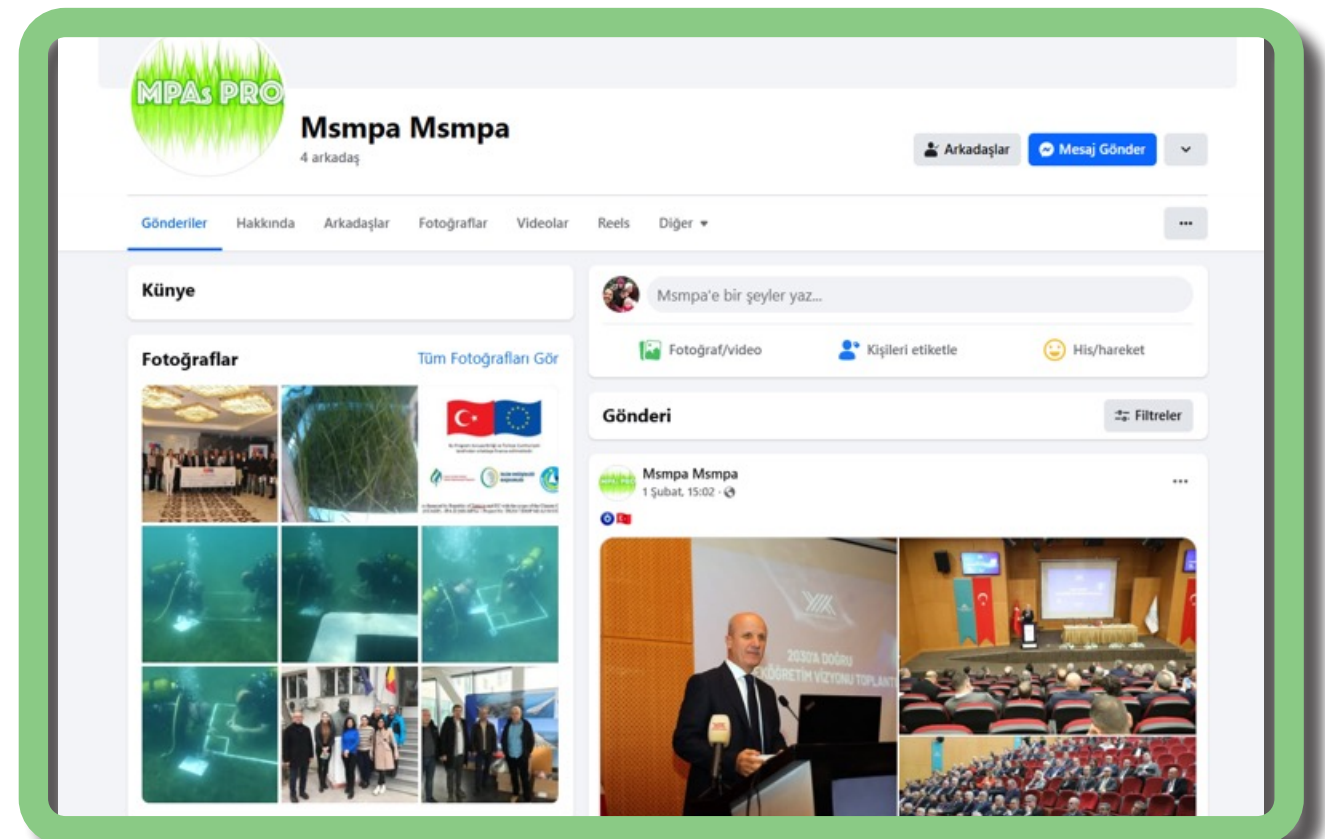
- The distribution of seagrass meadows along the coast of Sinop is determined and mapping the distribution of seagrass meadows along the coast of Sinop is completed.
- At the end of the project a digital seagrass meadows distribution map will be created.
- 40 Artificial Reefs (ARs) along the Sinop coast are established and AR and MPS scientific reports are prepared.
- A guidebook is prepared including proposed MPAs, seagrass maps, seagrass abundance, and biodiversity in seagrass habitats along the coast of the Black Sea in Sinop.
- A report is prepared for determination of sea surface temperature (SST) and chlorophyll pigment concentration from past to present in the Black Sea.
- A round table meeting was held with 2 academicians and the project team to discuss deficiencies in the mapping of seagrass meadows and methods to be followed in reef studies.
- 2 Study visits were held in Bulgaria and Romania to relevant organizations to share best practices and examine protection methods implemented in the Black Sea.
- With seminars, meetings and observations activities 433 fishermen were reached for awareness raising.
- Media Conference is held, a website is prepared, and various promotional materials like brochures, posters are created and distributed.



Note: The source material for the Main Project Activities and Outputs is provided by the Interim Technical Reports.



News and Social Media



TR2017 ESOP MI A3 04 / CCAGP / 055

C'LOCALIZATION Localization for Climate Change Adaptation

Beneficiary	Konak Municipality
Co-Beneficiaries	Social Climate Association (Türkiye)
Project Location	Konak/İzmir/Türkiye
Project Duration	(18+4) 22 Months
Project Budget	€ 150,000.00

Project Objective

The objective of the project is to increase the capacity of Konak district to adapt to climate change with a participatory and inclusive approach and prepare a climate change adaptation strategy at the local level and to guide the strategies to be implemented locally at the national level.

Throughout the project with study visits, trainings and workshops, knowledge and skills are gained on climate crisis, environmental sustainability and local solution development.

Project Highlights

To contribute to Climate Change Adaptation,

01

Examples of good practices on climate change adaptation in Spain and Portugal are examined on site. Integration pathways to the local Konak have been created.

02

Trainings and workshops are conducted and with these activities, participants are provided with crucial knowledge and skills on combating climate change, adaptation strategies, environmental sustainability, and developing local solutions and roadmaps.

03

The Climate Change Adaptation Strategic Plan is prepared based on scientific data, workshop outputs and local needs analysis including concrete solutions for the climate risks faced by the private sector, women, children, youth, individuals with disabilities, and refugees while contributing to the development of climate change adaptation strategies by local governments through a participatory approach, facilitating the creation of concrete actions for implementation.

Main Project Activities and Outputs

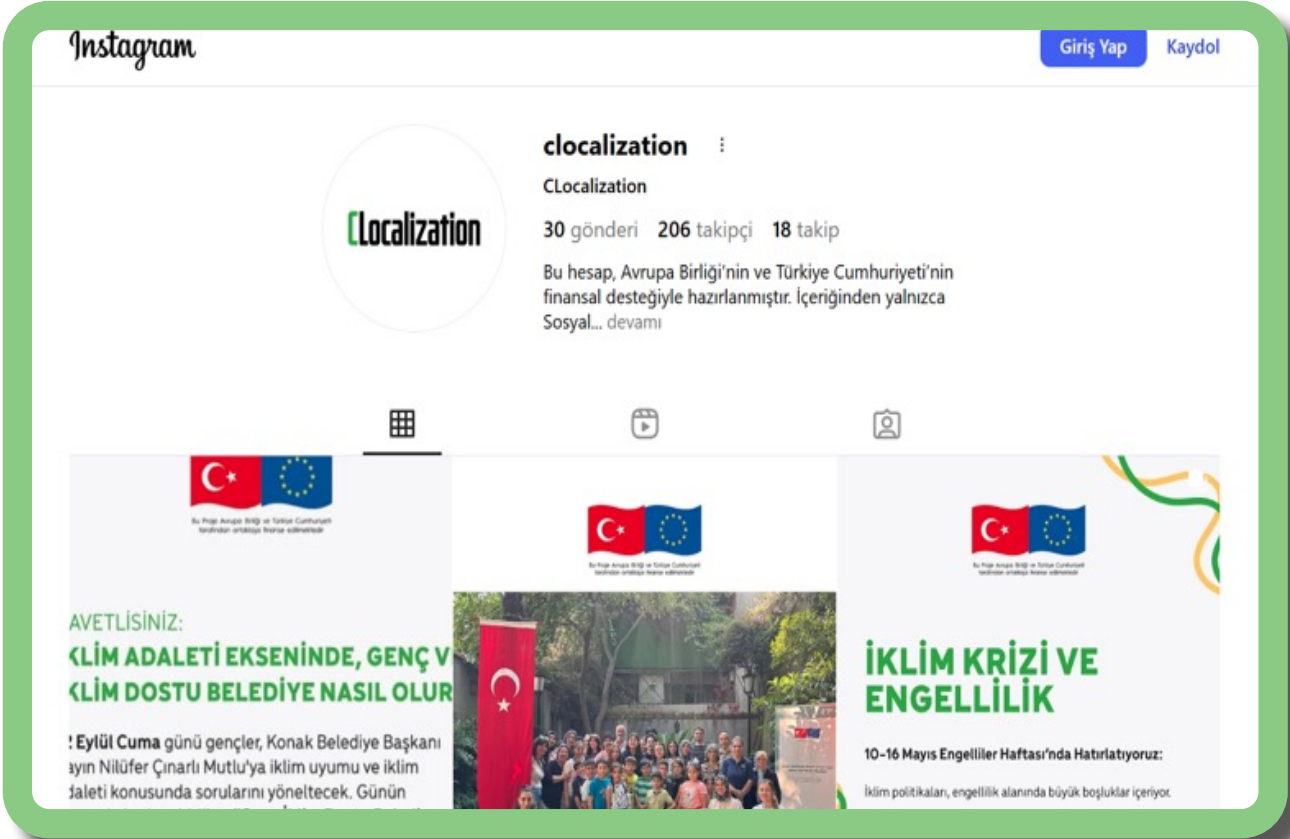
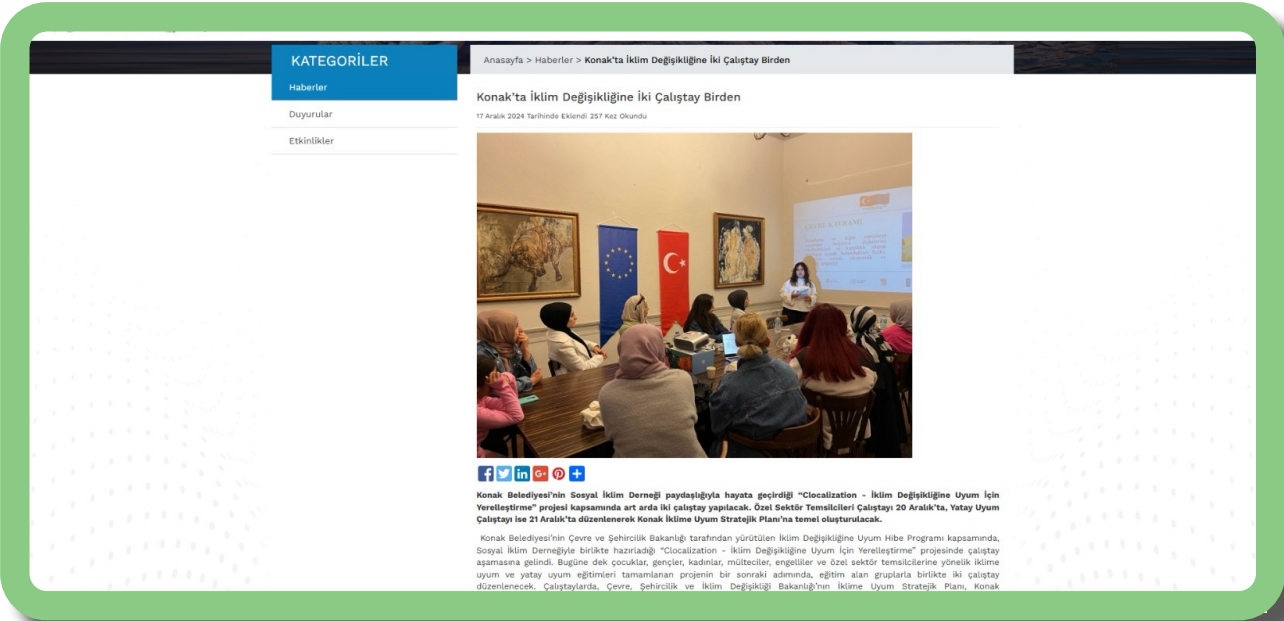
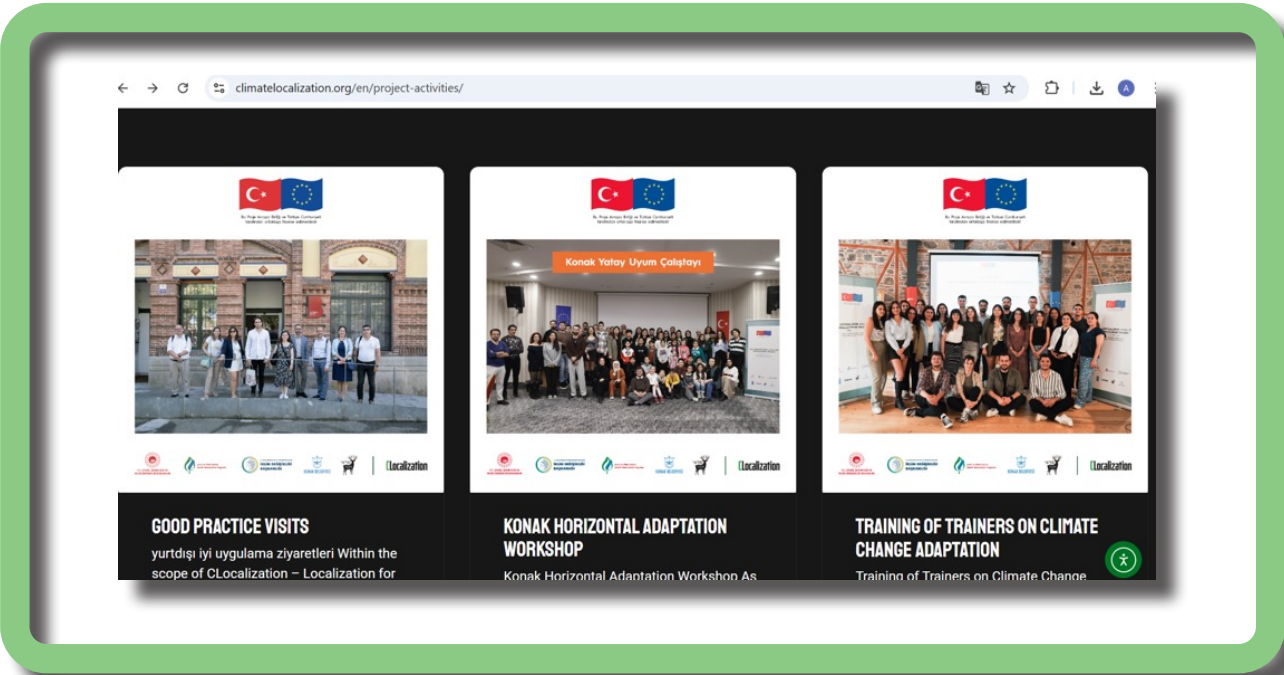
- Study visits to Spain and Portugal are planned and realized to observe good practices, and providing inputs to Climate Modernization Adaptation Strategy Preparation Guide to expand climate change adaptation strategies at sectoral and local level.
- Climate Change Adaptation Strategy Preparation Guide is prepared and will be a source for local governments to develop strategic plans for climate change adaptation with a participatory approach and supports transparent and effective climate adaptation planning.
- Training of Trainers is completed, and 17 volunteers are trained as trainers and delivered effective trainings in the field on climate crisis, climate adaptation, adaptation strategies. Different groups of trainings are conducted for youth (10) and children (18), women (9) and persons with disabilities (6), refugees (10) and private sector representatives (22) increasing their capacity on climate change and adaptation processes.
- Private Sector Climate Adaptation Workshop is organized with 48 participants and Horizontal Adaptation Workshop is organized with 77 participants. These workshops formed the basis of Konak’s climate adaptation strategy but also provided a platform for different groups to make their voices heard in a participatory and inclusive approach for making Konak a more resilient and adaptable city against the climate crisis.
- Konak Climate Adaptation Strategic Plan is prepared based scientific data, workshop outputs and local needs analysis.



Note: The source material for the Main Project Activities and Outputs is provided by the Interim Technical Reports.



News and Social Media



TR2017 ESOP MI A3 04 / CCAGP / 067

Malatya Metropolitan Municipality Preparation of Climate Change Adaptation Plan and Raising Social Awareness and Consciousness Project

Beneficiary	Malatya Metropolitan Municipality
Co-Beneficiaries	N/A
Project Location	Malatya/Türkiye
Project Duration	(15+6) 21 Months
Project Budget	€ 373,859.19

Project Objective

The objective of the project is to plan and develop actions to improve the adaptation and resilience of Malatya province to climate change, to increase the operational capacity of the organization by reducing exposure to climate change related risks and adverse effects, and to expand the knowledge base in society by raising awareness and consciousness about climate change in Malatya province.

Project Highlights

To contribute to Climate Change Adaptation,

01

In terms of disaster preparedness and equipment, the municipality acquired motor and submersible pumps and strengthened the city’s resilience against extreme rainfall and flooding.

02

New Urban Traffic Systems are installed to prevent damage to traffic signal cards and ensure power continuity during outages, significantly reducing the risk of malfunctions at intersections.

03

In terms of school awareness activities, students and farmer women are targeted with interactive climate awareness trainings. Visibility materials are distributed. A short promotional film will be prepared and broadcasted on local TV and social media.

04

Climate Change Action Plan for Malatya Metropolitan Municipality will be completed and implemented.

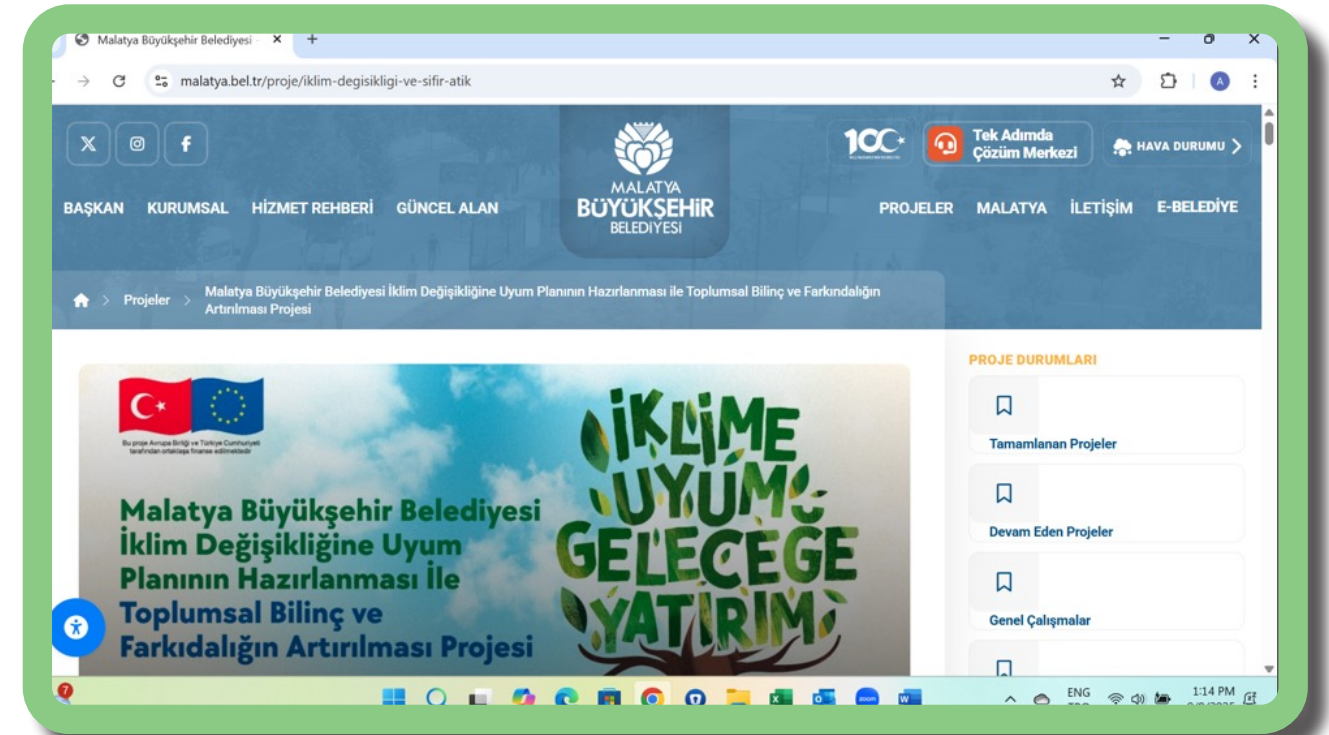
Main Project Activities and Outputs

- Flood Response Equipment is procured, and 81 incidents are handled using purchased moto pumps and submersible pumps.
- 80 units of Traffic Signal Protection System are procured and installed to prevent damage to signal cards at intersections.
- 62 units of Energy Backup System are installed to detect and supply power at signalized intersections.
- Awareness Trainings are implemented for 5000 pre-school and primary school students on climate change, and the activity is going on.
- Rural women farmer trainings are implemented for 200 women.
- Public awareness materials are distributed including 5,000 posters, brochures, and billboards across Malatya.
- A dedicated project web tab is opened on the municipality’s website.
- Climate Change Action Plan for Malatya Metropolitan Municipality will be completed and implemented.



Note: The source material for the Main Project Activities and Outputs is provided by the Interim Technical Reports.

News and Social Media



TR2017 ESOP MI A3 04 / CCAGP / 073

Application and Expansion of Climate Change Resilient Agricultural Production Model in Eskişehir Province

Beneficiary	Eskişehir İl Tarım ve Orman Müdürlüğü
Co-Beneficiaries	Eskişehir Odunpazarı Chamber of Agriculture (Türkiye) Sakaryabaşı Irrigation Union (Türkiye)
Project Location	Eskişehir/Türkiye
Project Duration	(18+6) 24 Months
Project Budget	€ 149,960.38

Project Objective

The objective of the project is to implement and disseminate a climate-resilient agricultural production method at the village level, using conservative agricultural techniques such as soil conservation, rainwater harvesting, direct planting methods, efficient use of water with limited resources, and increasing biodiversity and control.

Project Highlights

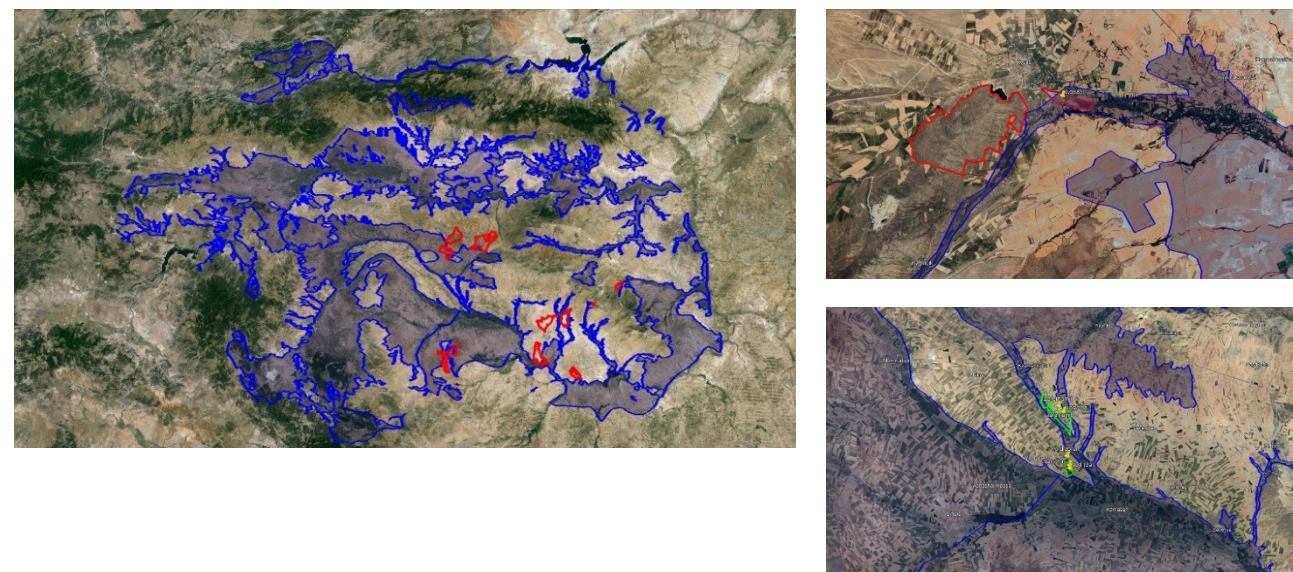
To contribute to Climate Change Adaptation,

01

Ecosystem based conservative agricultural techniques are demonstrated to the stakeholders and the amount of applied area is increased.

02

Awareness raising activities including technical agricultural trainings, workshops are implemented to create synergy on Climate Friendly agricultural activities.



Main Project Activities and Outputs

- The opening meeting is organized with 76 participants.
- One direct seed drill machine is purchased, and 500 hectares of land is sown.
- 3.5 hectares of water retention land is prepared.
- 19 soil analyses are conducted.
- Operations to combat invasive species are initiated, covering 40 hectares.
- Pasture rehabilitation is carried out on 43.5 hectares.
- An ecosystem-based technical training session is delivered with 51 technical personnel.
- Five visibility activities are implemented, and 9 banners/roll-ups are produced.

A total of

12,824

participants were reached through the project activities, including online engagement.

Among the physical activities,

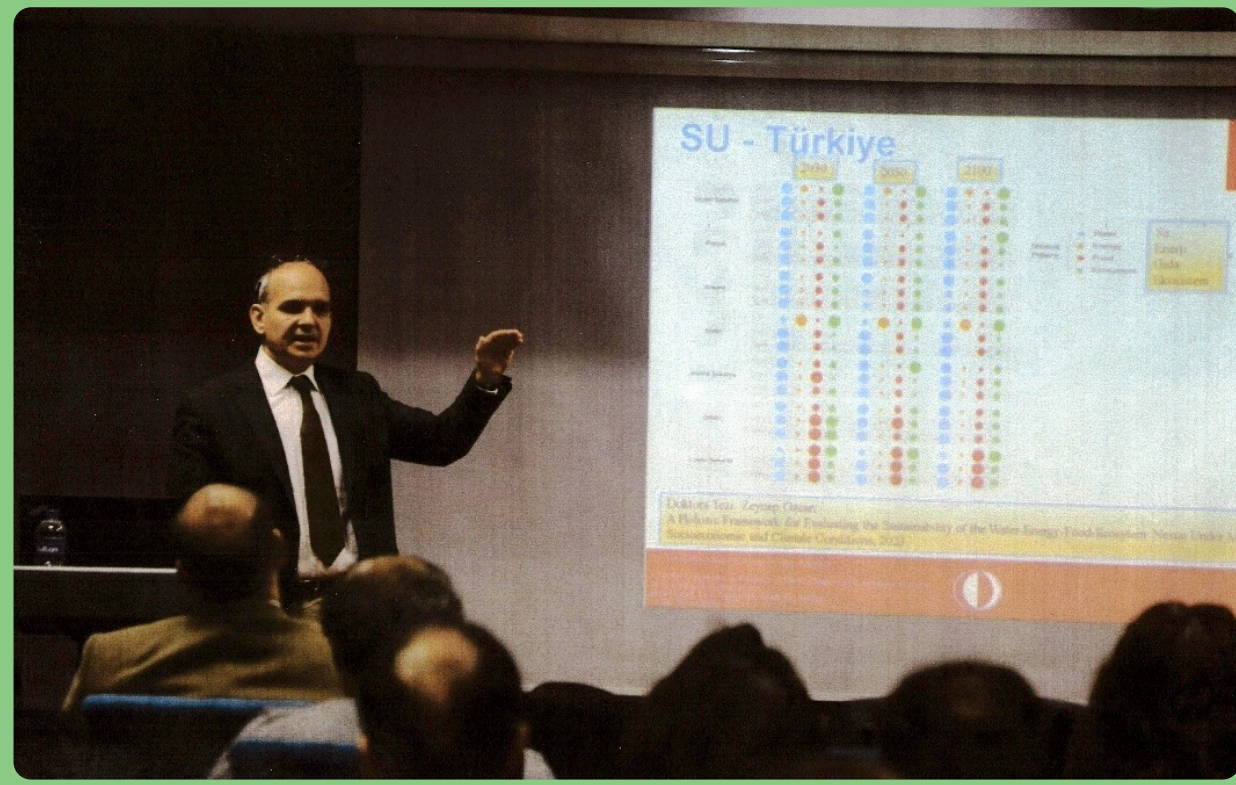
140

participants were women.



Note: The data is provided by the Grant Beneficiaries.

Note: The source material for the Main Project Activities and Outputs is provided by the Interim Technical Reports.



News and Social Media

Eskişehir tarımı iklim değişikliğine AB projeleriyle uyum sağlıyor

Eskişehir tarımı iklim değişikliğine AB projeleriyle uyum sağlıyor.

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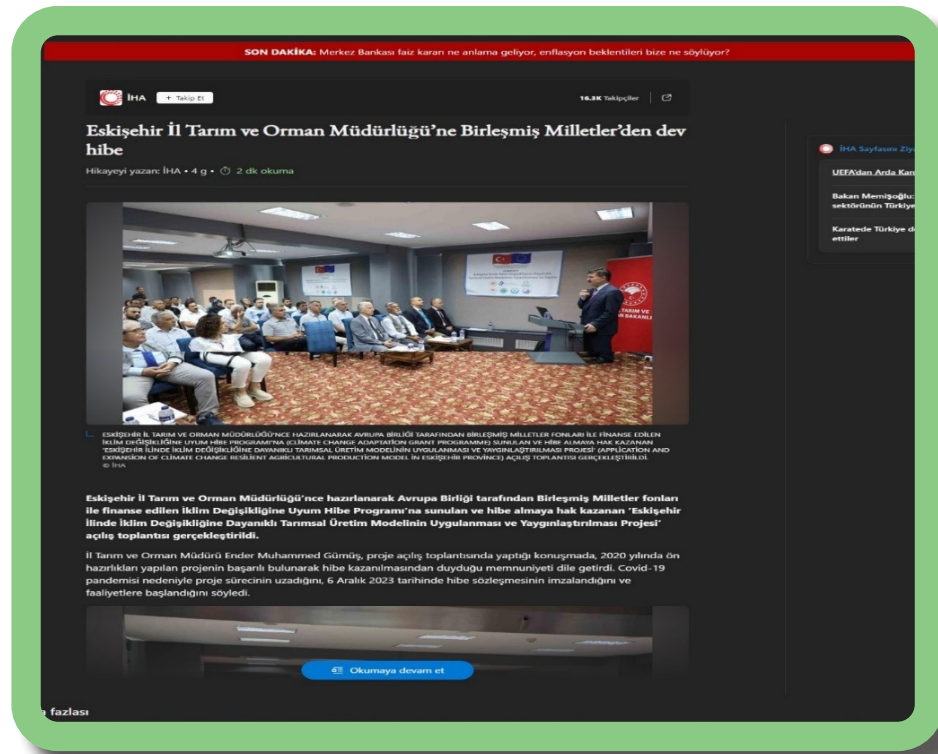
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Tarım ve Orman İl Müdürlüğü Eskişehir ilinde İklim Değişikliğine Dayanıklı Tarımsal Üretim Modelinin Uygulanması ve Yaygınlaştırılması (Application and Expansion of Climate Change Resilient Agricultural Production Model in Eskişehir Province) başlıklı projenin imza sürecinden sonra paydaşlarıyla yapılması planlanan ilk toplantısı 8 Şubat Cuma günü İl müdürlüğü merkez binası toplantı salonunda gerçekleştirildi.

İklim Değişikliğine Uyum Hibe Programına (Climate Change Adaptation Grant Programme (CCAGP)) sunulan proje toplam 150 bin euro bütçe ile yürütülecek olup hibe tutarının 135 bin euro olduğu belirtildi. Avrupa Birliği tarafından Birleşmiş Milletler fonları ile finanse edilen kısa adı CCAGP/073 olan proje 2023 yılı aralık ayında imzalanan sözleşme ile yürütülmeye başlandı. İmza sürecinden bu yana yaşanan gelişmeler proje ekibi ve proje danışma kurulu üyeleri toplantı salonunda bir araya geldi. İl Tarım ve Orman Müdürü Ender Muhammed Gümüş, proje ortakları Odunpazarı Ziraat Odası Başkanı Burhan Çelikoğlu ve Sakaryabaşı Sulama Birliği Başkanı Mehmet Murat Tuzlacıoğlu ve proje ekibi personelin katıldığı toplantıda Proje Koordinatörü Yurdal Çetinkaya'nın yaptığı sunuda proje faaliyetleri paydaşlarla detaylıca değerlendirildi. Projenin yürütülmesi sürecinin nasıl yönetileceğine dair kararların alındığı toplantı ilerleyen tarihlerde tekrar bir araya gelmek üzere sona erdi.

saglisolluhaber.com



TR2017 ESOP MI A3 04 / CCAGP / 081

Development of Polatlı Climate Change Adaptation Action Plan

Beneficiary	Polatlı Municipality
Co-Beneficiaries	Tohum Education, Culture and Nature Association (Türkiye)
Project Location	Polatlı/Ankara/Türkiye
Project Duration	(18+3) 21 Months
Project Budget	€ 399,109.76

Project Objective

The objective of the project is to facilitate progress in implementing various measures to increase Polatlı Municipality’s climate change adaptation actions within the scope of climate change.

Project Highlights

To contribute to Climate Change Adaptation,

01

Exchange of know-how and experience on climate change adaptation is enhanced by demonstrating the best climate change adaptation practices,

02

Stakeholders and citizens are trained on climate change adaptation, and awareness and capacity are increased,

03

Climate change action will be improved by developing Polatlı Climate Change Adaptation Action Plan.

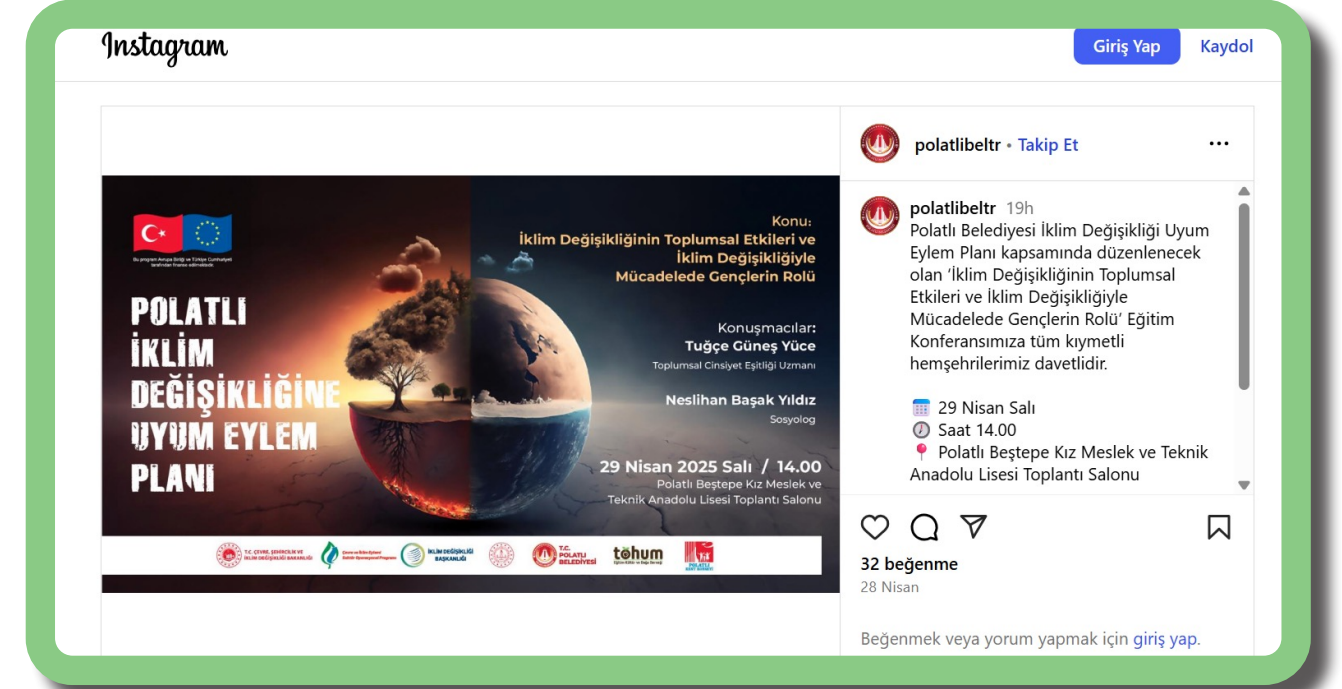
Main Project Activities and Outputs

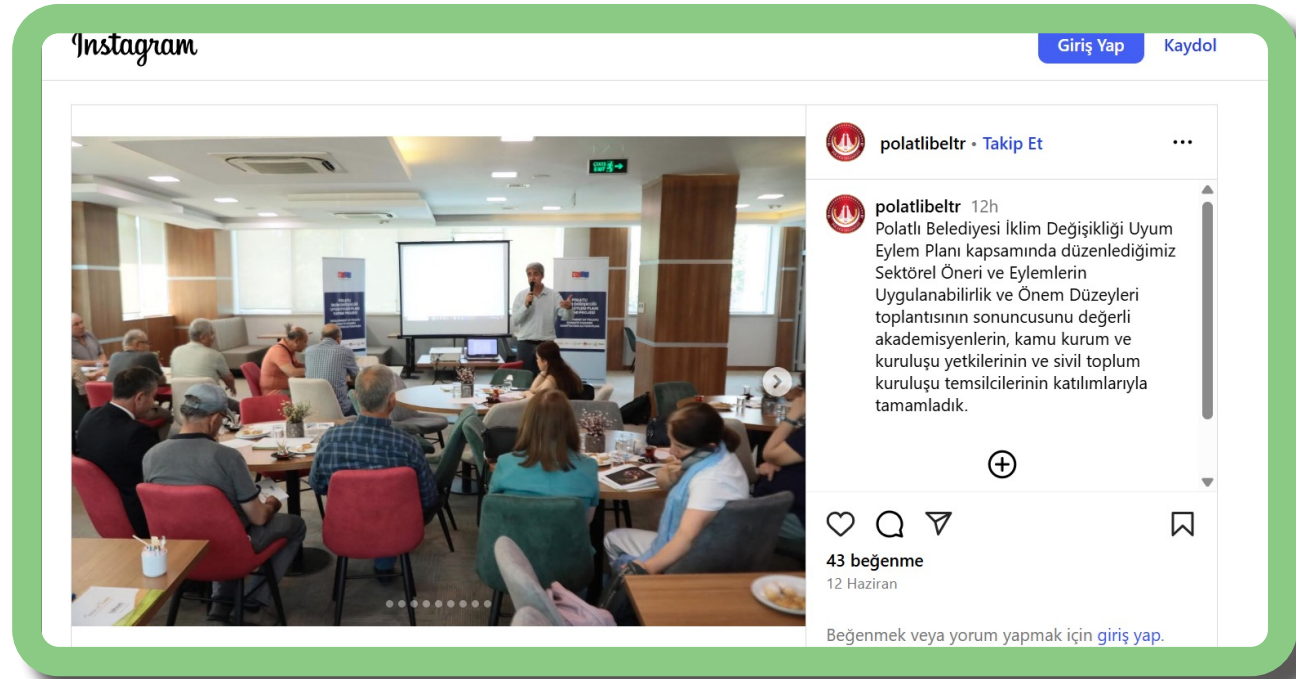
- Under Climate Profile Analysis, institutional structures are reviewed and gap analyses conducted, impacts of climate change in Polatlı are defined and the results are integrated into the Climate Profile Analysis Report.
- Key economic sectors and stakeholders are identified, including the disadvantaged sectors and stakeholders through consultation meetings report is prepared listing the key economic sectors and stakeholders, including disadvantaged sectors and stakeholders, and will be included as a section in the Report on Climate Change Adaptation Actions for the Key Sectors in Polatlı.
- Demo sites are selected to introduce prioritized best climate change adaptation practices. Work plan and procurement plan for demo sites are developed and will be included in the Report on the Best Climate Change Adaptation Activities.
- Target groups for awareness-raising and capacity-building activities are identified, curriculum and work plan for awareness-raising and capacity-building activities developed, communication and visibility strategy is developed, and 5,000 PR materials are published and Report on the Analyses of Awareness-Raising and Capacity Building is prepared.
- Polatlı Climate Change Adaptation Action Plan will be developed.



Note: The source material for the Main Project Activities and Outputs is provided by the Interim Technical Reports.

News and Social Media





TR2017 ESOP MI A3 04 / CCAGP / 085



Implementing a Climate Change Adaptation Strategy to Create Economic Opportunities for Rural Women

Beneficiary	Niğde Ömer Halisdemir University
Co-Beneficiaries	Çukurova University (Türkiye)
Project Location	Niğde/Türkiye
Project Duration	18 Months
Project Budget	€ 145,485.04

Project Objective

The objective of the project is to increase the resilience capacity of the public and to protect soil for productive agriculture under changing climate conditions through compost production, practical agricultural applications, rainwater harvesting, and educational activities for women and children implemented in selected rural areas of Niğde.

Project Highlights

To contribute to Climate Change Adaptation,

01

Water-holding capacity of agricultural lands is increased, and soil formation resistant to desertification is supported by training rural women in both theoretical and practical compost production.

02

Protection of soil expected to be affected by climate change is supported by preventing stubble burning and reusing abandoned piles of agricultural waste, transforming them into compost and encouraging their use.

03

Loss of organic matter in soils vulnerable to climate change in rural areas of Niğde Province is prevented, soil protection is strengthened, and resilience and sustainability of the local agricultural sector are enhanced.

04

Climate-resilient organic farming strategies are supported and promoted with women and individuals who have gained increased awareness.

05

Rural women and primary school-aged children with knowledge and experience on climate adaptation are reintegrated into society as active contributors.

Main Project Activities and Outputs

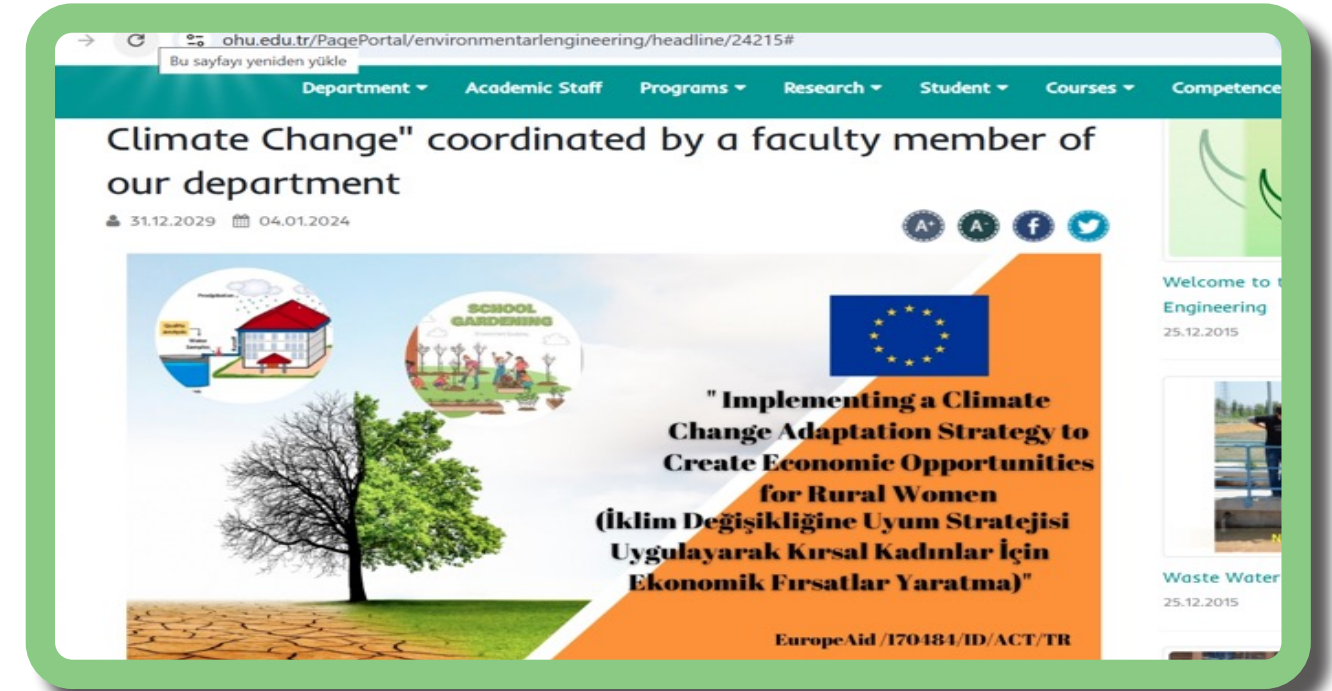
- 12 mukhtars, 140 imams are trained on leadership and organization, climate adaptation and the importance and effective use of water resources.
- 534 children trained across 12 schools on climate change and adaptation, compost training and climate science and compost workshop.
- 2 rainwater harvesting systems installed in pilot schools and school gardening workshops are planned to promote the efficient use of water resources and support adaptation to climate change.
- 230 women are trained on zero waste kitchen with theoretical and practical trainings.
- Practical training sessions on bokashi compost production and applications are conducted in the gardens of 179 rural women.
- Various promotional materials (bags, aprons, handbooks, billboards) are prepared and distributed.
- The project is promoted with social media (Instagram 3,340 people, Reels 4,489 views, LinkedIn 10,767 views).
- A rural woman union will be established.

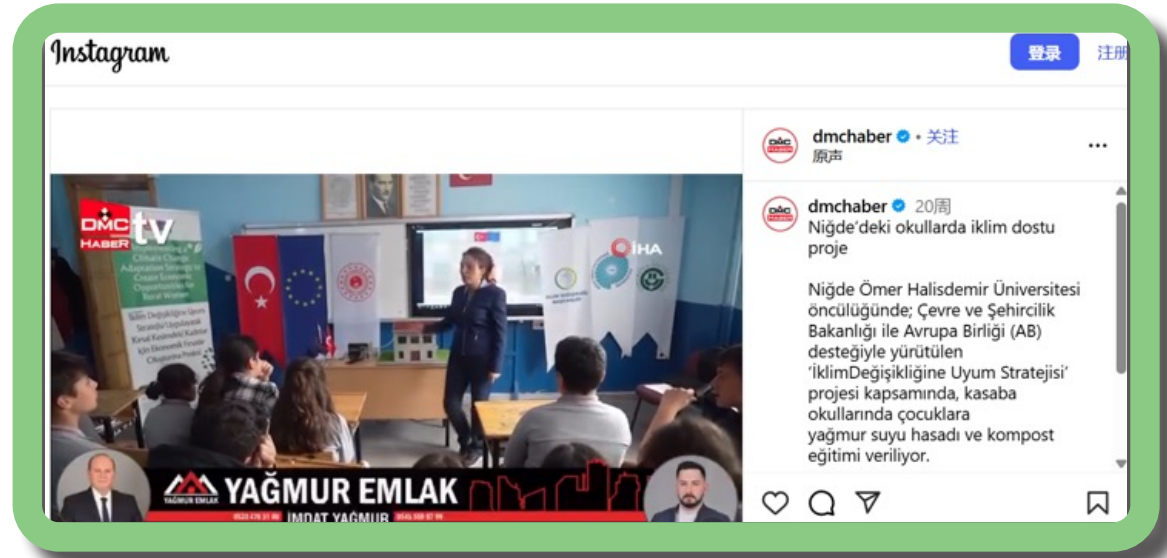


Note: The source material for the Main Project Activities and Outputs is provided by the Interim Technical Reports.



News and Social Media





TR2017 ESOP MI A3 04 / CCAGP / 088

Land Degradation Neutrality for Climate Change Adaptation in TR21 Trakya Region

Beneficiary	Tekirdağ Namık Kemal University
Co-Beneficiaries	Edirne Provincial Directorate of Agriculture and Forestry (Türkiye) Tekirdağ Provincial Directorate of Agriculture and Forestry (Türkiye) Kırklareli Provincial Directorate of Agriculture and Forestry (Türkiye)
Project Location	Tekirdağ/Türkiye
Project Duration	18 Months
Project Budget	€ 346,573.00

Project Objective

The objective of the project is to prevent and reverse land degradation, combat desertification, and set Land Degradation Neutrality (LDN) targets in line with the UNDP Sustainable Development Goal (Article 15).

Project Highlights

To contribute to Climate Change Adaptation,

01

A GIS-based software is developed for researching and monitoring land degradation and integration to the existing integrated system as a Decision Support System (DSS).

02

An integrated database is created containing LDN targets and all necessary data for the adaptation of agricultural production to climate change in the TR21 Thrace region.

03

Public authorities are involved in universities’ research and development activities for information exchange, to support feasible, adequate and sustainable agricultural production.

04

Public awareness is created on land degradation and a Climate Change Adaptation with the support of the Capacity Development Program and the Action Plan for 2020–2050.

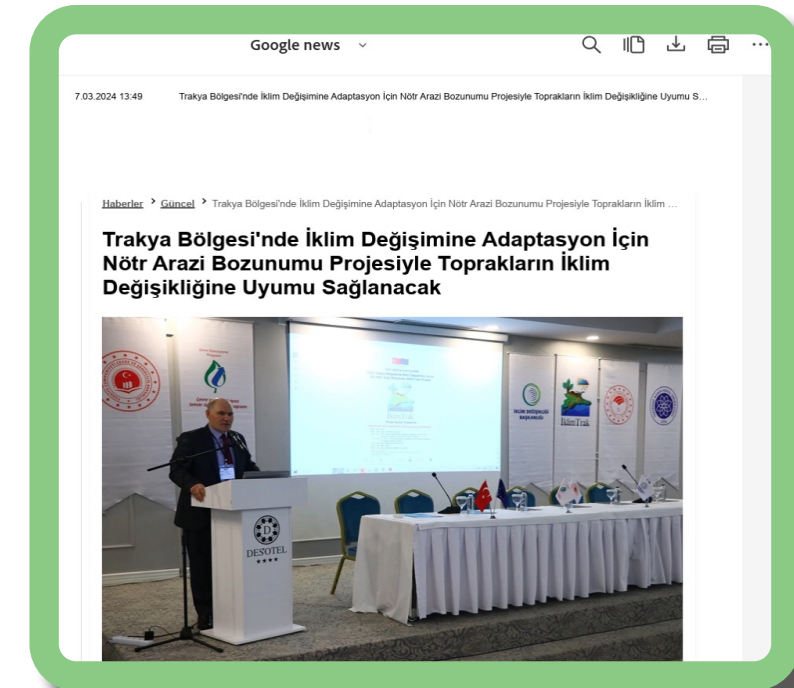
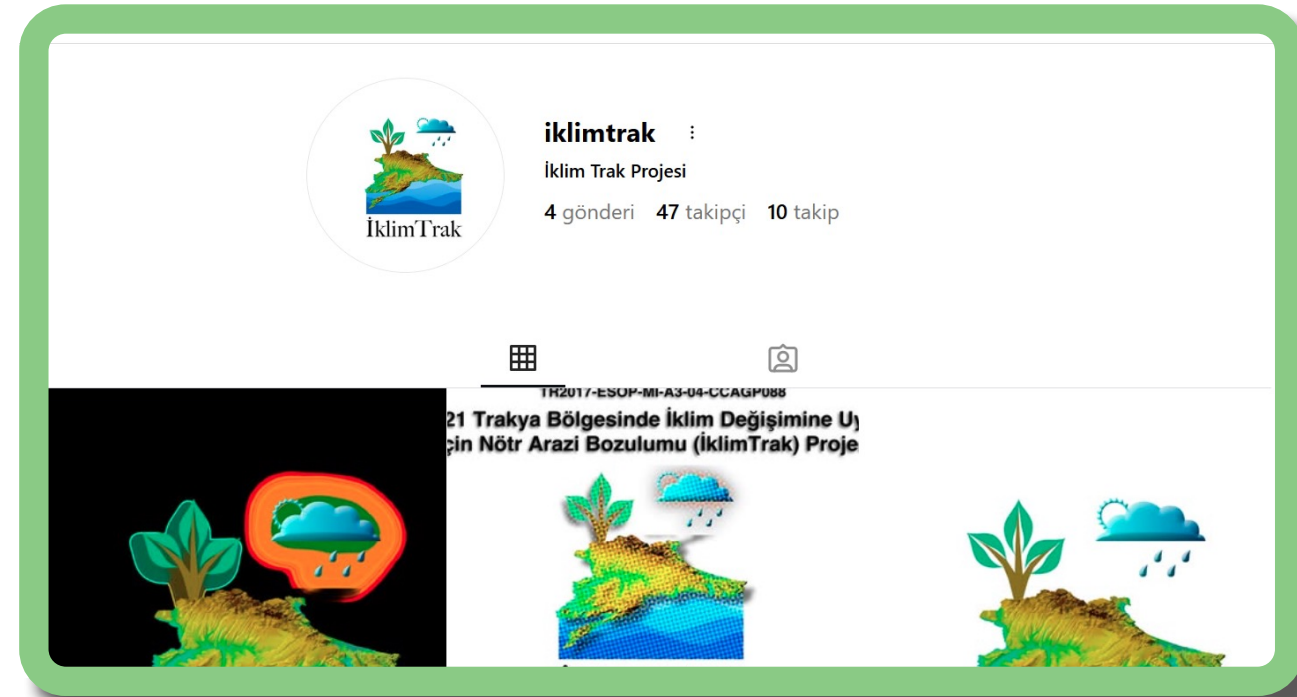
Main Project Activities and Outputs

- For project management, Steering Committee, Project Coordination Unit and Land Degradation Monitoring Unit are established and met several times.
- An integrated database is established on the project website, including outputs of previous EU-funded actions, 125 online resources, and 6 best practices; the content is continuously updated.
- The LDN-CCA Platform is formed with 146 members representing 150 institutions and over 1,500 contacts, and an online platform for interaction is created.
- Education Consultancy Committee is established, contributing to training content development. An interactive education portal and a 20-minute training video are prepared.
- Components of Soil Biophysical Indices, Components of Socioeconomic Indices for LD Modelling and additionally, Adaptive Strategies for Sustainable Soil Conservation and Land Management Trainings are delivered with 124, 107, and 104 participants, exceeding the planned targets. Workshops are organized for more than 200 participants.
- Seven Open Farmers’ Forums are organized.
- A land degradation assessment model and monitoring toolkit is developed using biophysical and socio-economic indices, with past and present vulnerability maps completed.
- Climate Change Adaptation Action Plan for 2020–2050 is prepared.
- For communication activities, a total of 5,000 brochures and 500 posters are produced and distributed, an online book on “Climate Smart Agro-production in TR21 Trakya Region” is prepared, 9 monthly e-bulletins are published and circulated to more than 1,500 contacts, Social media accounts (Facebook, Twitter, and LinkedIn) are created and integrated with the project website, 3 press conferences are held.



Note: The source material for the Main Project Activities and Outputs is provided by the Interim Technical Reports.

News and Social Media



TR2017 ESOP MI A3 04 / CCAGP / 090

STORMLOG
Sustainable Transportation and Water Management in
Local Governmental Services Project

Beneficiary	Bornova Municipality
Co-Beneficiaries	Energie Cites (France) Yaşar University (Türkiye)
Project Location	Bornova/İzmir
Project Duration	(18+3) 21 Months
Project Budget	€ 499,903.97

Project Objective

The objective of the project is to enhance the resilience of communities and cities to the climate crisis by adapting new technologies and increasing the exchange of adaptation knowledge and experience among institutions and organizations in Türkiye and implementing innovative climate change adaptation technologies and systems.

Project Highlights

To contribute to Climate Change Adaptation,

01

Local Strategies, Climate Action Plan, and Guidelines are developed.

02

Capacity of Bornova Municipality is increased by trainings, workshops and study visits, and the Climate Change and Zero Waste Directorate within Bornova Municipality is established.

03

Awareness raising activities (media campaign, trainings to various groups of women, youth workers, children and youth of different age groups) experience sharing activities, and sectoral workshops are conducted to raise public awareness on climate and environment and to achieve wider impact

04

Piloting demonstrative actions such as the installation of solar panels on the roof of Çamdibi Indoor Swimming Pool, procurement of 2 electrical minibuses for the transportation of children attending to swimming courses and procurement and installment of 70 low demand energy lighting for Çamdibi Public Park are completed.

Main Project Activities and Outputs

- Decision making tools such as Guideline on Urban Sustainability Assessment Methods, Sustainable Energy and Climate Action Plan (SECAP) are for Bornova is developed, providing a long-term roadmap against climate risks.
- Roadmaps and guidelines for climate change adaptation (water scarcity adaptation and urban electrification) are produced.
- The Directorate of Climate Change and Zero Waste are established, creating a permanent adaptation unit within the institutional structure.
- Risk and vulnerability analyses are conducted within the SECAP framework, and measures to increase the climate resilience of local infrastructure are planned.
- Based on reports and guidelines produced under the project, 6 e-bulletins summarizing project outputs and key developments are prepared. These bulletins are made publicly available via the project website and shared monthly with all municipal directorates through the municipality's electronic information management system. In this way, awareness of project activities and results are systematically raised among both internal and external stakeholders.
- 3 international study visits to Brussels, Valladolid, and Lisbon are conducted to share experiences with European cities. In subsequent municipal council meetings, members and municipal bureaucrats are informed of best practice examples observed during these visits.
- Awareness-raising trainings are organized for young people (ages 10-12, 15-17, 19-24) and adults, with a total of 183 participants.
- 3 separate trainings are delivered to municipal staff on global warming measures, water scarcity and energy, renewable energy use, and changing consumption habits, with the participation of 62 staff members.
- To improve operational capacity, technical capacities of relevant departments are strengthened; field practices and pilot projects are initiated, technical knowledge and experience gained and integrated into the municipal organization through several trainings and guidelines. Study visits, seminars, and guideline documents directly contributed to operational capacity.
- A 124 kWp capacity Solar Power Plant is installed on the roof of the Çamdibi Indoor Swimming Pool. Commissioned in April 2025, the system significantly reduced the facility's electricity consumption in subsequent months.
- Using the municipal budget, an A/C-type charging station is installed at the Çamdibi Swimming Pool.
- The existing lighting system of Çamdibi Atatürk Park is converted into 70 LED lighting units.
- Through the following applications, CO2 emissions are reduced, energy efficiency is achieved, and the sustainable use of water resources is promoted: 2 electric minibuses (e-minibuses) are integrated into the Bornova Municipality's vehicle fleet. The use of both vehicles prevents a total of 720 kgCO2e per month, amounting to 8,640 kgCO2e annually, representing a concrete step towards the municipality's low-carbon transport goals and makes an important local contribution to combating climate change.

Note: The source material for the Main Project Activities and Outputs is provided by the Interim Technical Reports.

With the project activities,

 **320**
men

341
women

a total of

661

participants are reached

*Note: The data is provided by the
Grant Beneficiaries.*



News and Social Media



TR2017 ESOP MI A3 04 / CCAGP / 094

To Improve the Competitiveness and Climate Change Adaptive Sustainability of Rural Areas, Young and Female Farmers

Beneficiary	Balıkesir Businessmen and Industrialists Association (BASİAD)
Co-Beneficiaries	N/A
Project Location	Balıkesir/Türkiye
Project Duration	18 Months
Project Budget	€ 109,989.81

Project Objective

The objective of the project is to establish a production portal adapted to climate change for young and female farmers, to prepare the necessary documents to implement the EQF (European Qualifications Framework) recommendations in vocational training for the agricultural sector, to establish a communication network for Balıkesir farmers, and to create a structure that will sustain climate change and its effects on agricultural production.

Project Highlights

To contribute to Climate Change Adaptation,

01

A production portal for young and women farmers is established.

02

Information is compiled to implement the EQF (European Qualifications Framework) recommendations in vocational education for the agricultural sector.

03

A structure is established for awareness raising of climate change and its effects on agricultural production, including establishing a communication network for Balıkesir farmers, visiting farmer cooperatives and signing protocols, implementing an agricultural fair, school visits, trainings and workshops.

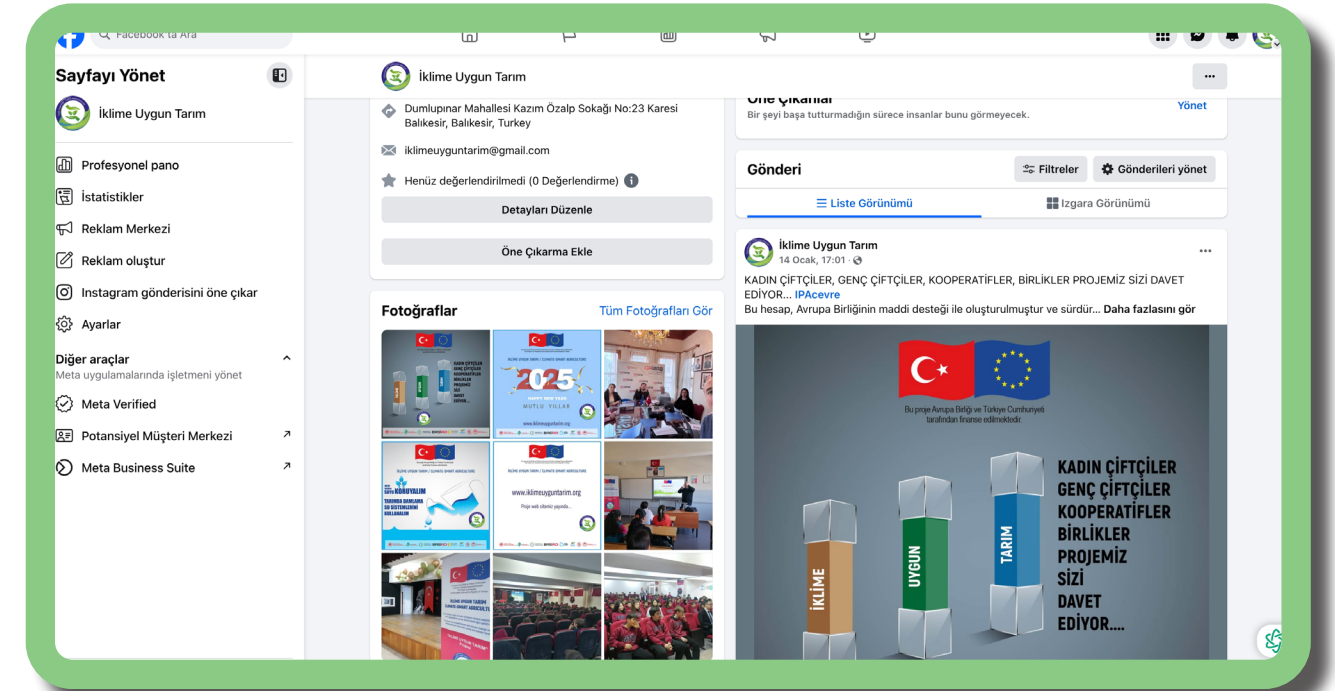
Main Project Activities and Outputs

- Contact information of 450 Farmer Union Managers, 348 village heads, and 6,788 stakeholders are collected, including women’s cooperatives. An online communication network with bulk mailing and SMS modules is established. This platform strengthens outreach and engagement across all stakeholders.
- An online communication network with portal-based bulk mailing and SMS modules is established.
- Climate-appropriate agricultural information is compiled by experts, and cooperation protocols with NGOs and the private sector are signed.
- A workshop on sustainable competitive agriculture and climate change is organized with 159 participants, and five priority agricultural sectors are identified.
- 20 information sessions in secondary schools are delivered to approximately 1,500 students of which 50% are girls.
- 20 training sessions in high schools are delivered to approximately 2,500 students of which 50% are girls.
- An agricultural fair is organized with nearly 20,000 visitors, including 18 seminars with female academics, and 300 posters are placed in villages.
- Project promotions are carried out in 20 districts.
- Social media dissemination is implemented with 262 posts across LinkedIn, Facebook, Twitter, and Instagram.
- A study visit to Italy is conducted with 5 participants (2 female students, 2 teachers, 1 coordinator), including practical sessions on organic farming, livestock, soil, water use, and vineyards.
- A climate-compatible agriculture portal is created and launched, with a sustainability plan in place.
- Press and visibility activities are implemented, including 1 launch meeting, 3 press conferences, and coverage in 900+ national and 60+ local news outlets.



Note: The source material for the Main Project Activities and Outputs is provided by the Interim Technical Reports.

News and Social Media





TARIM FUARI İÇİN TARİH BELİRLENDİ



Tarım ve hayvancılığın kalbi olan Balıkesir, sektör temsilcilerini bir araya getirecek dev bir organizasyona ev sahipliği yapmaya hazırlanıyor. "İklim Uygun Tarım Projesi" kapsamında 1-5 Kasım günlerinde Balıkesir Tarım ve Hayvancılık Fuarı düzenlenecek.

"İklim Uygun Tarım Projesi" kapsamında 1-5 Kasım günlerinde Ali Hilmi Paşa Spor Tesisleri'nde düzenlenecek olan Balıkesir Tarım ve Hayvancılık Fuarı'nın basın lansman toplantısı BASİAD hizmet binasında gerçekleştirildi. Balıkesir Büyükşehir Belediyesi, Balıkesir Sanayici ve İş İnsanları Derneği (BASİAD), Balıkesir Tarım ve Orman İl Müdürlüğü, Balıkesir Ticaret Borsası ve Güney Marmara Kalkınma Ajansı'nın birliğinde Balıkesir'deki ilk defa gerçekleştirilecek olan fuar, kırsalda özellikle genç ve kadın çiftçilerin rekabet edebilirliğini artırmayı hedefliyor.

SAVAŞ: GLOBAL BİR YOLCULUĞUN BAŞLANGICI
Avrupa Birliği ve Türkiye Cumhuriyeti'nin ortaklaşa finanse ettiği "İklim Uygun Tarım Projesi"nin amaçlarından bahsederek konuşmasına başlayan BASİAD Başkanı Selçuk Savaş, "Proje, kırsal alanların, genç ve kadın çiftçilerin rekabet edebilirliğini ve iklim değişikliğine uyumlu sürdürülebilirliğini geliştirmeyi amaçlamaktadır. Diğer yandan, FAO 2024 hedefi olan sürdürülebilir ve iklim uyumlu tarımsal üretim hedefine örnek oluşturmaya açısından büyük anlam taşımaktadır. Bu amaçla 1-5 Kasım günlerinde düzenlenecek olan Balıkesir Tarım ve Hayvancılık Fuarı, yüklediği misyon ve hedefi ile global bir yolculuğun başlangıcı olacaktır. Bu amaçla, hem tarımsal üretimin ana unsurları olan üreticiler hem de tarımsal ürünlerin katma değerli ürünler dönüşmesini sağlayan tarıma dayalı sanayi temsilcilerinin bulunduğu bir platform olacağına inanıyoruz." dedi.

ÇİFTÇİNİN ORTAK MESELELERİNE ÇÖZÜMLER SUNULACAK
Fuarda; firmalar, kurumlar, oda ve borsalar, birlikler ile kadın

KRNB TATBİKATI YAPILDI!



Balıkesir Merkez Havalimanı Müdürlüğü, olası tehlikeli madde ihbarlarına karşı hazırlıkları güçlendirmek amacıyla geniş katılımlı bir KBRN (Kimyasal, Biyolojik, Radyolojik ve Nükleer) tatbikatı düzenledi.

Tatbikata Balıkesir Afet ve Acil Durum Yönetimi (AFAD) İl Müdürlüğü, Balıkesir İl Sağlık Müdürlüğü'ne bağlı 112 Acil Servis ve UMKE ekipleri, Havalimanı Emniyet Şube Müdürlüğü ile birlikte çeşitli kurum ve kuruluşlar katıldı. Tatbikatın amacı, acil durum senaryoları kapsamında tehlikeli maddelerin havalimanında yaratabileceği riskleri minimize etmek ve ilgili ekiplerin olası bir olay karşısındaki müdahale yeteneklerini geliştirmek olarak belirlendi.

Havalimanı içerisinde düzenlenen tatbikatta, ekiplerin koordineli bir şekilde hareket etmesi, olay yerinde hızlı ve etkili bir müdahale gerçekleştirebilmesi için çeşitli senaryolar üzerinden uygulamalar yapıldı. Tatbikata katılan ekipler, olay yeri yönetimi, hasta taşıma, dekontaminasyon (kirlilik giderme) gibi önemli konularda pratik deneyim kazandı. Ayrıca, tatbikat sırasında iletişim, ekip içi koordinasyon ve kriz yönetimi becerileri üzerinde de duruldu. Senaryo gereği, tatbikatta tehlikeli bir maddenin havalimanında bulunduğu bilgisi alındı ve ilgili ekipler hemen harekete geçti. Bütün

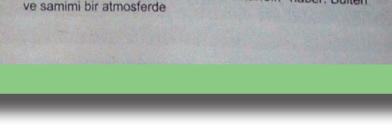
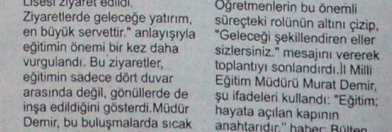
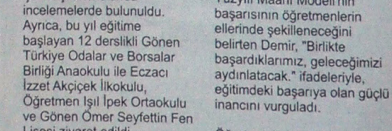
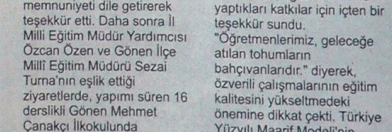
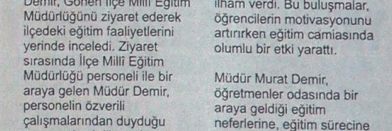
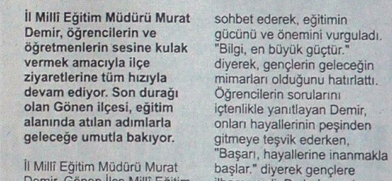


İl Millî Eğitim Müdürü Murat Demir, öğrencilerin ve öğretmenlerin sesine kulak vermek amacıyla ilçe ziyaretlerine tüm hızıyla devam ediyor. Son durağı olan Gönen İlçesi, eğitim alanında atılan adımlarla geleceğe umutla bakıyor.

İl Millî Eğitim Müdürü Murat Demir, Gönen İlçe Millî Eğitim Müdürlüğü'nü ziyaret ederek ilçedeki eğitim faaliyetlerini yerinde inceledi. Ziyaret sırasında İlçe Millî Eğitim Müdürlüğü personeli ile bir araya gelen Müdür Demir, personelin özverili çalışmalarından duyduğu memnuniyeti dile getirerek teşekkür etti. Daha sonra İl Millî Eğitim Müdür Yardımcısı Özcan Özen ve Gönen İlçe Millî Eğitim Müdürü Sezai Turna'nın eşlik ettiği ziyaretlerde, yapımı süren 16 derslikli Gönen Mehmet Çanakçı İlkokulunda incelemelerde bulundu. Ayrıca, bu yıl eğitime başlayan 12 derslikli Gönen Türkiye Odalar ve Borsalar Birliği Anaokulu ile Eczacı İzzet Akçiçek İlkokulu, Öğretmen İşçi İpek Ortaokulu ve Gönen Ömer Seyfettin Fen Lisesi ziyaret edildi. Ziyaretlerde geleceğe yatırım, en büyük servettir," anlayışıyla eğitimin önemli bir kez daha vurgulandı. Bu ziyaretler, eğitimin sadece dört duvar arasında değil, gönüllerde de inşa edildiğini gösterdi. Müdür Demir, bu buluşmalarda sıcak ve samimi bir atmosferde

sohbet ederek, eğitimin gücünü ve önemini vurguladı. "Bilgi, en büyük güçtür." diyerek, gençlerin geleceğin mimarları olduğunu hatırlattı. Öğrencilerin sorularını içtenlikle yanıtlayan Demir, onların hayallerinin peşinden gitmeye teşvik ederken, "Başarı, hayallerine inanmakla başlar," diyerek gençlere ilham verdi. Bu buluşmalar, öğrencilerin motivasyonunu artırmak için eğitim camiasında olumlu bir etki yarattı.

Öğretmenlerin bu önemli süreçteki rolünün altını çizip, "Geleceği şekillendiren eller sizlersiniz," mesajını vererek toplantıyı sonlandırdı. İl Millî Eğitim Müdürü Murat Demir, şu ifadeleri kullandı: "Eğitim, hayata açılan kapının anahtarıdır," haber: Bütün



TR2017 ESOP MI A3 04 / CCAGP / 095

Cleaner Production for Climate Change Adaptation

Beneficiary

Eskişehir Chamber of Industry

Co-Beneficiaries

Cambra Oficial De Comerç, Industra i Navagacio De Barcelona (Spain)

Project Location

Eskişehir/Türkiye

Project Duration

18 Months

Project Budget

€ 109,901.19

Project Objective

The objective of the project is to determine the needs and requirements of local industry in terms of climate change adaptation, to increase the technical capacity of chambers and producers on climate change adaptation, to reduce incorrect and inefficient industrial practices that contribute to climate change, to raise awareness among chamber staff and member companies about climate change adaptation, and to enhance social dialogue and sharing among project partners and target groups.

Project Highlights

To contribute to Climate Change Adaptation,

01

The needs and requirements of the local industry in terms of climate change adaptation are determined through workshops and questionnaires. As a result, the level of knowledge of SMEs and manufacturers on climate change adaptation is increased.

02

The technical capacity of chambers and manufacturers on climate change adaptation is enhanced through trainings, consultancy, and mission programs and the capacity level of the target group is increased.

03

Inefficient industrial practices contributing to climate change are reduced through trainings and consultancy programs, and improvements in industrial practices on the subject are achieved.

04

The awareness of chamber staff and member companies on climate change adaptation, clean production and green transportation is raised through trainings and mission programs.

05

Social dialogue and know-how sharing between partners and target groups on climate change adaptation are strengthened and collaboration between partners is increased.

Main Project Activities and Outputs

- The project team is established, experts are nominated, general information is announced on partner websites, and the action plan is formed, ensuring coordination and management capacity.
- A Needs Analysis Survey on climate change adaptation is implemented with the participation of 56 companies, and a regional climate change strategy draft is prepared.
- Good practices transfer program is implemented, where the Barcelona Chamber of Commerce shares sample documents, presentations, and delivered 16 hours of virtual training to 5 staff members, increasing awareness and capacity and transferred useful information, know-how and good practices have been transferred to Eskişehir. An exemplary model is created for the Climate Change Adaptation Support Desk to be established within the scope of the project in Eskişehir CI.
- A study visit to Spain is implemented with the participation of 10 Chamber representatives, including on-site inspections and meetings, uuseful information and knowledge is transferred from project partner, and future activities are discussed. A factsheet is shared with 1,500+ companies from various sectors such as metal goods, plastic working, food manufacturing, forest products and soil-based products.
- A Clean Production and Eco-Efficiency training program is implemented with 62 companies and consultancy is provided to 15 companies, directly reducing corporate carbon footprints and increasing eco-efficiency.
- A Green Transformation and Industrial Symbiosis comprehensive consultancy program is implemented with 64 trainees and 16-hour consultancy, and a recommendation report is provided to each of the 15 companies, improving capacities in waste management, carbon accounting, and green management.
- A Climate Change Adaptation Support Desk is established within Eskişehir Chamber of Industry as a new permanent service unit, providing companies with information on clean production, eco-efficiency, Green Deal processes, and industrial symbiosis.
- A Climate Change Adaptation Conference is implemented as the project’s closing event with 104 participants, raising awareness among companies, public institutions, NGOs, and universities.
- Social dialogue and collaboration between project partners and target groups are strengthened through these activities.

Note: The source material for the Main Project Activities and Outputs is provided by the Interim Technical Reports.

With the project activities,



a total of
331

participants are reached

*Note: The data is provided by the
Grant Beneficiaries.*



News and Social Media

İSTİKLAL Periyod : Günlük STxCM : 116,67 Sayfa : 1/1
Erişim : 4000 Dağılım No : Yerel Newslihter : [Web Link](#)

ESO'nun sunduğu projeye hibe desteği
KESİKBAŞ "SANAYİMİZİ YEŞİL DÖNÜŞÜME HAZIRLIYORUZ"

ESO'nun sunmuş olduğu "İklim Değişikliğine Uyum için Temiz Üretim" başlıklı projenin hibe almaya hak kazandı. ESO Başkanı **Celalettin Kesikbaş** "Firmalarımızı vakit kaybetmeden Yeşil Mutabakat sürecine hazırlamak bizim en önem verdiğimiz konuların başında" dedi.

YENİGÜN Yayın Adı : Yenisun (Eskişehir) Yayın Tarihi : 10.09.2024 Kupon Sayfa : 5
Referans No : 123352322 Rek.E.(\$) : 404,44 Tiraj : 1250
Periyod : Günlük STxCM : 311,11 Sayfa : 1/1
Erişim : 2500 Dağılım No : Yerel Newslihter : [Web Link](#)

SANAYİDEN YEŞİL ADIM

Eskişehir Sanayi Odası heyeti, İspanya'daki iyi uygulamaları yerinde incelemesi ve yeşil dönüşüm alanında uluslararası işbirliklerinin artırılması amacıyla Barselona kentinde bir çalışma ziyareti gerçekleştirdi.

Eskişehir Sanayi Odası'ndan yapılan açıklamada; Avrupa Birliği ve Türkiye Cumhuriyeti tarafından finanse edilmekte olan, T.C. Çevre, Şehircilik ve İklim Değişikliği Bakanlığı'na yürütülen "İklim Değişikliğine Uyum Hibe Programı" kapsamında, İspanya'daki iyi uygulamaları yerinde incelenmesi ve yeşil dönüşüm

TR2017 ESOP MI A3 04 / CCAGP / 097

All in Green Creation a Climate – Resilient Neighborhood in the Industrial Town

Beneficiary	Çerkezköy Municipality
Co-Beneficiaries	Campus Civil Society, Culture and Education Association (KASSKED) (Türkiye)
Project Location	Çerkezköy/Tekirdağ/Türkiye
Project Duration	(18+3) 21 Months
Project Budget	€ 229,865.92

Project Objective

The objective of the project is to enable Çerkezköy create its own climate change adaptation plan with the cooperation of all stakeholders and the participation of citizens, to strengthen green practices with various activities to prevent or reduce the impact on sectors and citizens in the district, to increase knowledge and awareness about climate change and adaptation among key groups such as women, youth, children and industrialists, which will result in employment, development of new projects, and collaborations, and to shape the future of the district with the participation of all stakeholders and implement good examples of climate change adaptation with stakeholders.

Project Highlights

To contribute to Climate Change Adaptation,

01

An online Industrialist Stakeholder platform is prepared.

02

Awareness raising activities are conducted and promotional materials are distributed at activities.

03

Green infrastructure elements will be completed such as the solar energy system, water harvesting reservoir, and edible garden.

Main Project Activities and Outputs

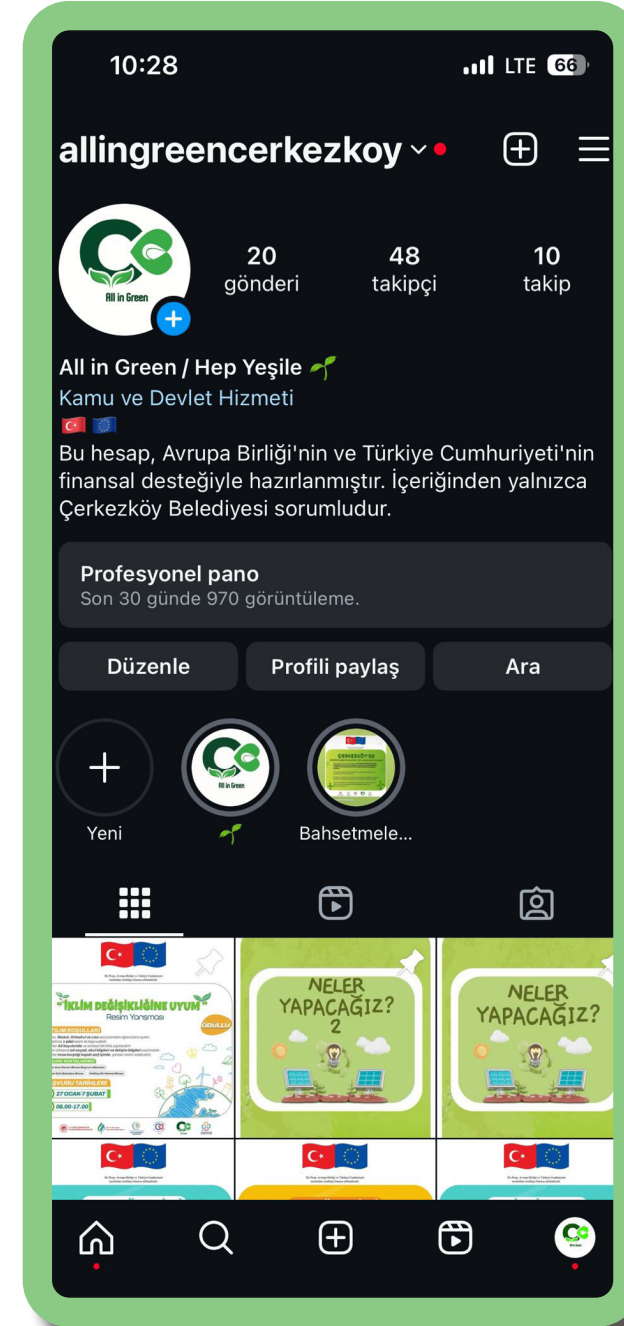
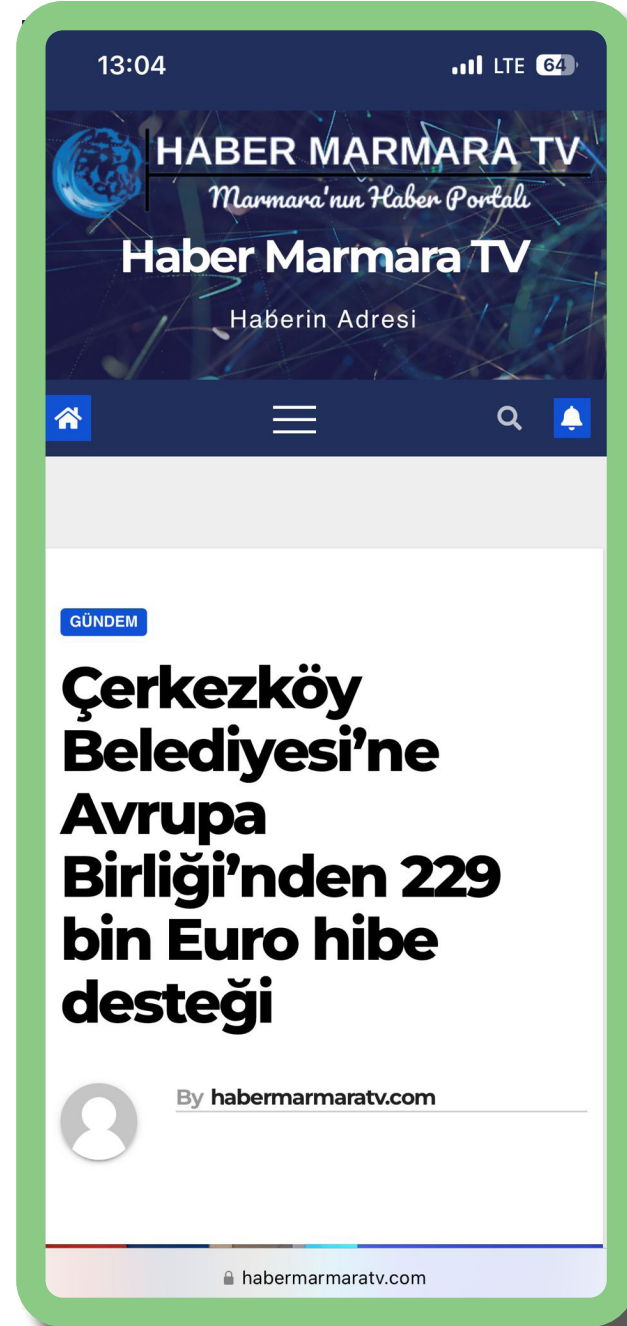
- The industrialist stakeholder platform is implemented, and the first meeting between the municipality and industrialists is held. The platform is prepared, industries and Organized Industrial Zone (OIZ) directorates are informed, and around 40 companies are registered, exceeding the initial target of 15. Further meetings of the industrialist platform are planned to continue throughout 2025 to deepen collaboration between the municipality and companies. The platform will expand membership beyond the 40 companies already registered to strengthen engagement with more industries and OIZ directorates.
- Awareness-raising activities are implemented, including the procurement of 4 roll-ups, 16 swallow flags, and 5,000 promotional kits. A student drawing competition is announced and reached 18,515 people on social media, though 29 students participated. Social media posts and press releases achieved a digital visibility rate of 36,949 people, with 40 news articles from 17 different sources and nearly 50,000 views. The student drawing competition will be followed with an exhibition. Additional awareness campaigns are planned to sustain the social media reach and increase student participation beyond the current figures.
- Preparatory works for green applications are implemented. At the end of the project a rainwater harvesting, solar energy and edible garden projects will be completed to demonstrate sustainable energy and water management practices.



Note: The source material for the Main Project Activities and Outputs is provided by the Interim Technical Reports.



News and Social Media



TR2017 ESOP MI A3 04 / CCAGP / 121

Climate Change Vulnerability Assessment of Urban Coastal Districts in İzmir

Beneficiary	Ege University
Co-Beneficiaries	Society for Urban Ecology-SURE (Austria)
Project Location	İzmir/Türkiye
Project Duration	18 Months
Project Budget	€ 164,049.12

Project Objective

The objective of the project is to identify the impacts and climate risks of climate change in urban coastal districts of İzmir, determine the vulnerability of sectors (urban infrastructures, ecosystems, agriculture, health) due to climate risks, to develop targeted nature-based adaptation options for vulnerable sectors, and to raise awareness about the impacts of climate change and nature-based solutions (NBS).

Project Highlights

To contribute to Climate Change Adaptation,

01

Vulnerability of İzmir’s coastal districts to climate hazards such as extreme heat, urban flooding caused by heavy rainfall and storm surges are assessed.

02

Nature-based adaptation options for climate change adaptation and disaster risk reduction are developed and awareness raising activities are conducted.

Main Project Activities and Outputs

- High-temperature, urban flood, and coastal flood (storm surge) analyses are conducted for the watersheds of Çiğli, Karşıyaka, Bornova, Konak, Balçova, Güzelbahçe, and Narlıdere, as well as the entire coastal districts. Corresponding 22 maps covering 100-year, 500-year, and 1000-year flood scenarios are created to represent the findings.
- Sectoral vulnerability analyses, based on Exposure, Sensitivity, and Adaptive Capacity, are successfully conducted for the 7 watersheds (Çiğli, Karşıyaka, Bornova, Konak, Balçova, Güzelbahçe, and Narlıdere) , as well as the entire coastal districts. Corresponding 22 maps are created to visually represent the findings.
- Visibility and dissemination activities are implemented, including the Kick-off meeting with 30 participants, the International Workshop on Coastal Resilience & NbS with 15 students from 3 countries and 13 trainers from 6 countries, and the 1st Climate Fest with 300 participants.
- Digital and printed visibility materials are implemented, consisting of project logo, roll-ups, posters, flags, banners, website, and training kits, ensuring EU visibility compliance.
- 2 animated NbS videos are implemented and published (on high temperatures and coastal flood/storm surge) in Turkish and English, along with 4 gif images and 1 infographic, achieving engagement on YouTube, Instagram, LinkedIn, and the project website.
- Two additional animated NbS videos (on urban floods and ecosystem-based adaptation) are under development.
- The 2nd Climate Fest will be implemented with broad citizen and stakeholder participation, building on the first event’s success with 300 participants.
- The Closing Conference will be organized at the end of the project to present final results, share best practices, and ensure long-term visibility of outputs.



Note: The source material for the Main Project Activities and Outputs is provided by the Interim Technical Reports.



News and Social Media

Bilim Eğitim Güncel Kampüs

İzmir'de iklim değişikliğine uyumlu dayanıklı kentsel kıyı bölgeleri oluşturulacak

Ocak 24, 2024



TR2017 ESOP MI A3 04 / CCAGP / 133

CLIMATECH 4 INDUSTRY

Enhancing Adaptive Capacity of Manufacturing Sectors Vulnerable to Climate Change Through Risk Assessment

Beneficiary

İstanbul Sanayi Odası

Co-Beneficiaries

Türkiye Bilimsel ve Teknolojik Araştırma Kurumu
Marmara Araştırma Merkezi (TÜBİTAK MAM) (Türkiye)

Project Location

İstanbul/Türkiye

Project Duration

(18+4) 22 Months

Project Budget

€ 165,583.60

Instagram

Log In Sign Up



egeziraat1955 and payismail

egeziraat1955 17w
Avrupa Birliği ve Türkiye Cumhuriyeti tarafından IPA II - İklim Değişikliğine Uyum Hibe Programı kapsamında desteklenen "Climate Change Vulnerability, Assessment of Urban Coastal Districts in Izmir (İzmir Kıyı İlçelerinin İklim Değişikliği Etkilenebilirlik/Kırılganlık Analizi)" isimli proje, Ege Üniversitesi Ziraat Fakültesi Peyzaj Mimarlığı Bölümü ile Avusturya merkezli bir sivil toplum kuruluşu olan Society for Urban Ecology (SURE)

104 likes
May 13

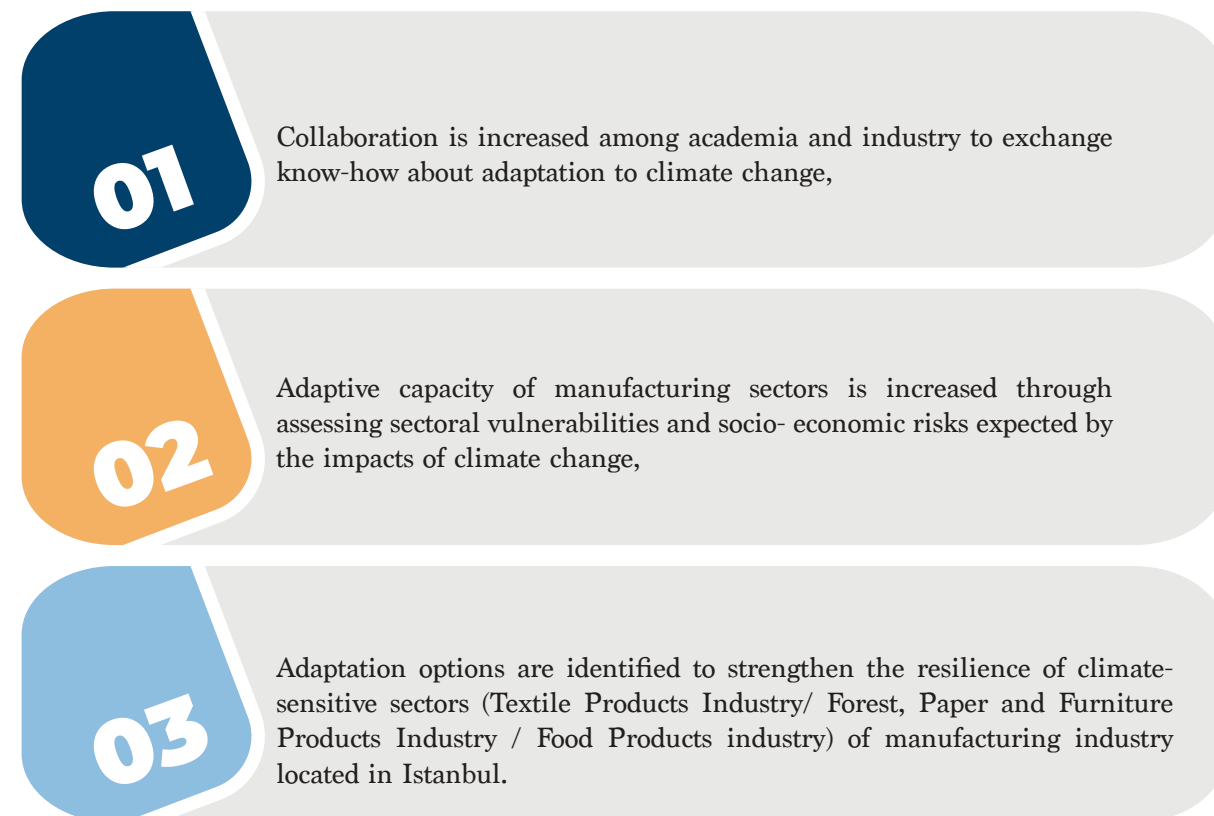
Log in to like or comment.

Project Objective

The objective of the project is to enhance cooperation between academia and industry to exchange knowledge on climate change adaptation to develop the adaptation capacity of the manufacturing sectors by assessing the expected sectoral vulnerabilities and socio-economic risks of climate change impacts, identifying adaptation options, and strengthening resilience, and to identify climate-sensitive sectors (Textile Products Industry / Wood, Paper, and Furniture Products Industry / Food Products Industry) in the Istanbul-based manufacturing industry.

Project Highlights

To contribute to Climate Change Adaptation,



Main Project Activities and Outputs

- The kick-off meeting is implemented with 150 participants, exceeding the target, and visibility is ensured through public announcements and media coverage.
- Baseline research and needs analysis is implemented, including literature review, climate data collection from MGM, and ICI capacity reports, providing input for the risk assessment methodology.
- Sectoral advisory committees are implemented for 3 climate-sensitive sectors (Textile, Forest-Paper-Furniture, Food), initially targeted for 18 members but expanded to 28 members due to demand.
- A risk assessment methodology is implemented, based on IPCC's hazard-exposure-vulnerability framework, with evaluation criteria structured into 5x5 matrices.
- Questionnaires, surveys, and self-check guidelines are designed, enabling companies to conduct self-assessments and facilitating project team evaluations.
- The Mini MBA training content and syllabus is prepared, structured into 6 modules (climate basics, risk analysis, cleaner production, audits, finance, and sustainability reporting).
- A capacity building training for ICI staff is implemented with 12 participants improving knowledge on risk assessment and cleaner production audits.
- The project website is prepared, including sections for activities, documents, and dissemination, and continuously updated with project outputs.
- On-site field visits are implemented at 6 facilities, with assessments of climate-related risks initiated at 18 facilities, and 1 company already receiving tailored adaptation recommendations.
- Data is being collected from climate-sensitive sectors to be used in final reports.
- 3 round table meetings are implemented with Sectoral Advisory Committees.
- Information trainings are implemented for 503 students in 5 vocational high schools and 1 science high school, raising awareness on climate change and sustainability.
- Three webinars are implemented with a total of 793 participants (343, 215, and 235 respectively), covering technologies, communication, and financing for climate change adaptation.
- The remaining 34 on-site facility visits are planned to be implemented, and 9 more tailored adaptation recommendations will be delivered.
- The preparation of sectoral adaptation plans for the 3 selected sectors (Textile, Forest-Paper-Furniture, Food) is ongoing and will be finalized in the next reporting period.
- The political paper summarizing sectoral risks, needs, and recommendations is under preparation and will be completed by the project end.
- The Mini MBA training program (6 modules) will be delivered to companies scheduled for the next period.
- The final webinar is planned to be implemented, complementing the series.
- The two B2B meetings between SMEs, industry stakeholders, and technology providers are planned to be held in the following period.
- The international conference is planned as the final visibility and dissemination event, aiming to present project results, with participation from international experts and stakeholders.

Note: The source material for the Main Project Activities and Outputs is provided by the Interim Technical Reports.

With the project activities,

 **1348** men  **1174** women

a total of
2522
participants are reached

Note: The data is provided by the Grant Beneficiaries.



News and Social Media



TR2017 ESOP MI A3 04 / CCAGP / 135

Masters of the Drought

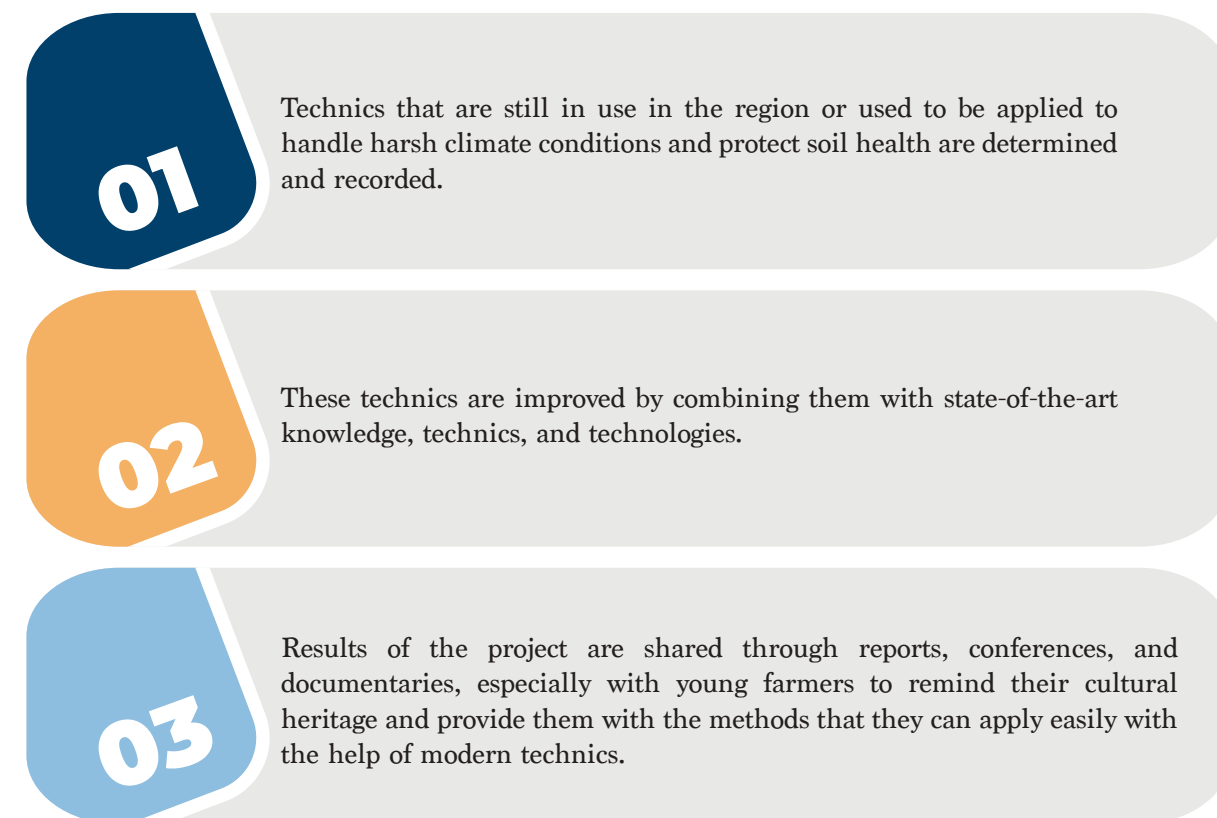
Beneficiary	TEMA Foundation - The Turkish Foundation for Combating Soil Erosion, Reforestation and the Protection of Natural Habitats
Co-Beneficiaries	N/A
Project Location	Yeşilyurt, Ereğli and Beyşehir/Konya/Türkiye
Project Duration	(18+6) 24 Months
Project Budget	€ 144,728.20

Project Objective

The objective of the project is to identify local agricultural techniques compatible with climate change to develop existing local/ traditional agricultural methods (including livestock farming) that are already adapted to harsh climate conditions by integrating modern technology and knowledge, and to create a database to connect the older generation, who are forced to produce climate-friendly agricultural products, with the new generation.

Project Highlights

To contribute to Climate Change Adaptation,



Main Project Activities and Outputs

- The project team is assigned, internal communication tools are established (Slack Application), and five internal management plans (procurement, management, dissemination, quality assurance, and risk assessment) are prepared, ensuring coordination and compliance.
- Field visits to the relevant local government representatives, municipalities, NGOs in Konya (Karapınar, Ereğli, Beyşehir) are implemented, where 13 experienced farmers are interviewed to record indigenous knowledge, and these findings are feeding into the Interviews and Findings Report and the Handbook of Indigenous Land Use Practices, which will be finalized in the following months.
- A series of interviews with “Masters of Drought” is implemented, reaching 20 farmers across several villages, with the results prepared for inclusion in the Interviews and Findings Report and the 4-episode documentary. Focus group meetings with 15 young farmers in Karapınar, Ereğli, and Beyşehir are implemented, providing inputs for the Preliminary Knowledge Report, which will be completed in the following months.
- Awareness-raising meetings are implemented with 45 farmers (15 per district), raising understanding of knowledge gaps and adaptation practices.
- The Kick-off meeting is implemented with 40 participants, including farmers, EU Delegation representatives, ministry staff, and academics, strengthening visibility and stakeholder engagement.
- Documentary filming is implemented, with interviews of 18 farmers and additional drone footage of seasonal practices, producing four episodes on indigenous land use practices.
- The Indigenous Land Use Practices Module and Handbook of Indigenous Land Use Practices are under preparation and will be finalized in the following months.
- Capacity-building trainings are scheduled for the upcoming period: four training modules will be developed and finalized, and training will be provided to young farmers.
- Digital access will be provided to the training modules.
- Two regional workshops will be organized in Eskişehir/Kütahya and Mardin/Gaziantep in followed by closing meetings in Konya and Ankara at the end of the project.
- Dissemination activities will conclude with the printing and distribution of handbooks, along with press releases, ensuring wide visibility and sustainability of the project results.

Note: The source material for the Main Project Activities and Outputs is provided by the Interim Technical Reports.

With the project activities,

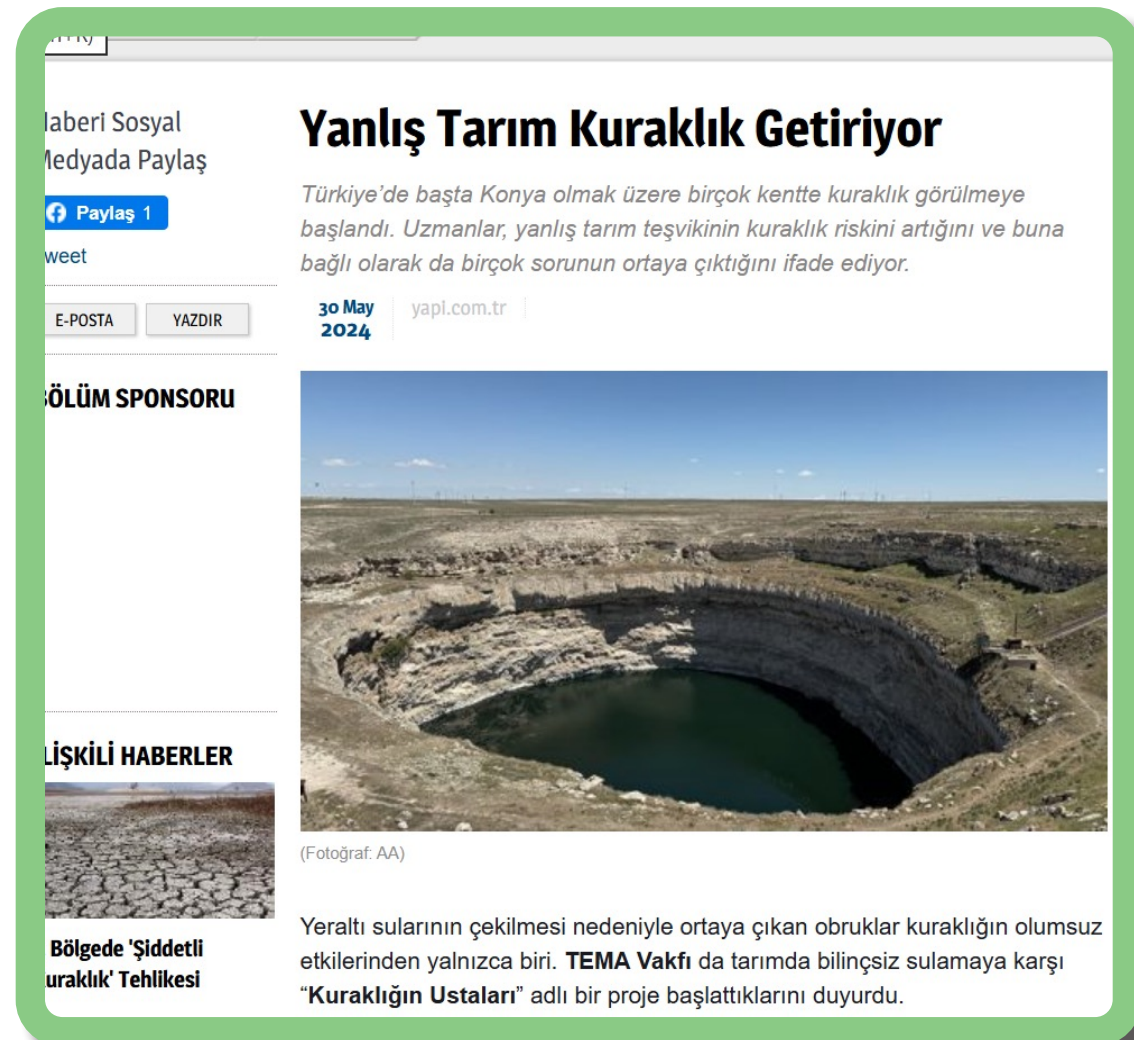


a total of
201
participants are reached

*Note: The data is provided by the
Grant Beneficiaries.*



News and Social Media



TR2017 ESOP MI A3 04 / CCAGP / 141

Improving Efficiency & Reliability in Urban Water Distribution Systems for Combating Climate Change

Beneficiary	Akdeniz Üniversitesi
Co-Beneficiaries	Antalya Su ve Atıksu İdaresi Genel Müdürlüğü (Türkiye) Energy and Water Agency (Malta) Water Services Corporation (Malta)
Project Location	Antalya/Türkiye
Project Duration	(18+3) 21 Months
Project Budget	€ 433,246.24

Project Objective

The objective of the project is to increase the efficiency and reliability of urban water supply systems and to raise public awareness about water conservation.

Project Highlights

To contribute to Climate Change Adaptation,

01

An effective online monitoring system is established in urban drinking water distribution systems.

02

Non-Revenue Water (NRW) in urban drinking water distribution systems is reduced.

03

The reliability of urban drinking water distribution systems is improved to address the pressures of climate change.

04

Capacity building and awareness raising activities are implemented through training activities and dissemination.

05

Recommendations are provided for the revision of Turkish legislation on water loss control.

Main Project Activities and Outputs

- Regarding the Online Monitoring System, a baseline report for the characterization of the Antalya water supply network is prepared. Three District Metered Areas (DMAs) in Kepez, Konyaaltı, and Muratpaşa are selected and equipped with flow and pressure monitoring devices, integrated into the ASAT SCADA system. Monitoring data are analyzed for detecting pipe bursts, estimating real water losses, and establishing Standard Water Balance (SWB) tables.
- Under output 2, Reduction of Non-Revenue Water (NRW), Active Leakage Control (ALC) techniques are implemented in the DMAs, detecting and repairing pipe bursts, which reduced real water losses. 2 Pressure Reducing Valves (PRVs) are installed for intelligent pressure management, calibrated with hydraulic models verified by six portable pressure meters. A total of 300 aging customer water meters (older than 10 years) is replaced with new ones, and 100 of these are tested in a certified lab, revealing 80% failed to measure low flows (25 l/h). 29 smart meters are installed in public places such as schools, mosques, and graveyards, and monitoring showed significant post-meter leakages. Monthly SWB tables are prepared, showing baseline water losses of ~50% and ILI values above 20.
- To Increase Reliability of Urban WDS, scenario analyses are conducted using calibrated hydraulic models to predict climate change impacts on demand and pressure levels under 5 scenarios. Energy and carbon footprints (EF & CF) of the water supply system are assessed using the ECAM tool, based on SCADA energy consumption data. Future demand management and mitigation benefits (in terms of avoided GHG emissions) are evaluated.
- In terms of capacity building and awareness raising, 2 questionnaires (for municipal staff and water users) are conducted, to be a base for the training program. A technical visit to Malta is conducted with 12 staff members on EU practices in water loss management and smart metering.
- The district municipal training workshop, provincial municipal training workshop and metropolitan municipal training workshops are organized with a total of 150 participants.
- Dissemination activities included preparing 4 newsletters in Turkish and English, leaflets, project website updates, and conference presentations in Spain, Bulgaria, and Greece. The regional international conference WECC 2025 is held and attended by 15 participants from 7 countries. Several awareness campaigns in public places, including local schools and universities, are conducted to raise awareness about water conservation, climate change impacts, and water scarcity issues.
- Preparatory contacts are made with the Ministry of Agriculture and Forestry’s Water Management Directorate. The policy document with recommendations to revise the Turkish WLCR (Water Loss Control Regulation) including proposals to adopt unbiased indicators such as ILI, define maximum levels for Unbilled Authorized Consumption (UAC), and propose cost-recovery tariffs will be completed.
- Final dissemination activities, including the Closing Conference, are planned for the last project phase to present results and policy recommendations.

Note: The source material for the Main Project Activities and Outputs is provided by the Interim Technical Reports.

With the project activities,

 **2290** men  **2101** women

a total of
4391
participants are reached

*Note: The data is provided by the
Grant Beneficiaries.*



News and Social Media



ANTALYA & MALTA

This Project co-financed by the European Union and the Republic of Türkiye

social support of the European Union and the Republic of Türkiye. The content is entirely under the arily reflect the views of the Republic of Türkiye and the European Union.



Takip et

Urban Water Loss
@UrbanWater_Loss

Instagram



ANTALYA & MALTA

kentsuverim :

KentSu_Verim

35 gönderi 22 takipçi 7 takip

Akdeniz Üniversitesi koordinatörlüğünde gerçekleştirilen "KentSuVerim" projesi AB İklim Değişikliğine Uyum Hibe Programı... devamı



Malta Teknik ...



Proje Ortakları



Konferans

TR2017 ESOP MI A3 04 / CCAGP / 158

Make a Move for Adaptation to Climate Change

Beneficiary	Mersin Metropolitan Municipality
Co-Beneficiaries	Scientific and Technological Research Council of Türkiye Marmara Research Center (TÜBİTAK MAM) (Türkiye) Mersin Ticaret ve Sanayi Odası (Türkiye) MEDCITIES (Spain)
Project Location	Mersin/Türkiye – Barcelona/Spain
Project Duration	(18+6) 24 Months
Project Budget	€ 449,042.28

Project Objective

The objective of the project is to enhance the capacity of decision-makers and local actors in Mersin to combat and adapt to climate change, to reduce the impacts of climate change in Mersin, and to raise public awareness on adaptation issues.

Project Highlights

To contribute to Climate Change Adaptation,

01

The capacity of all relevant institutions and organizations, especially local municipalities, on climate change, its effects, and mitigation and adaptation strategies in Mersin are improved.

02

The capacity and awareness of the local people on subjects of climate change adaptation and action in Mersin is increased.

03

The collaboration with non-partner municipalities interested in taking part in the project activities is increased.

Main Project Activities and Outputs

- The Greenhouse Gas (GHG) inventory for Mersin is prepared in line with the Global Protocol, covering five sectors, and the results are used to support the Climate Change Adaptation Action Plan.
- A Climate Mersin Sharing Meeting is organized with 350 participants, where the Climate Action Plan is presented to local authorities, NGOs, academics, and private sector representatives.
- Sector-specific adaptation projections are developed through training sessions and meetings with 20 participants from the metal, chemical, agriculture & livestock, and food sectors.
- Climate Adaptation Training Module is created and delivered, increasing awareness and technical capacity of sector representatives.
- The Mediterranean Cities Climate Change Adaptation Workshop is held in Barcelona with 77 participants from 7 countries and 9 metropolitan areas, sharing 12 climate adaptation case studies.
- The “Sapling for the Future” activity is implemented with 2,192 students trained as Climate Ambassadors and 1,600 saplings planted with the participation of 800 students from 50 schools.
- The solar power plant (GES), green roof, and rainwater harvesting systems at the Climate and Environment Science Centre are in progress.
- The mobile application on climate change adaptation is under development, with design work ongoing in collaboration with GMZ Enerji.
- The zero waste and compost production pilot will be realized in two municipal regions.
- Pilot guppy fish farming project involving 20 women and 20 irrigation ponds will be completed in the final period.



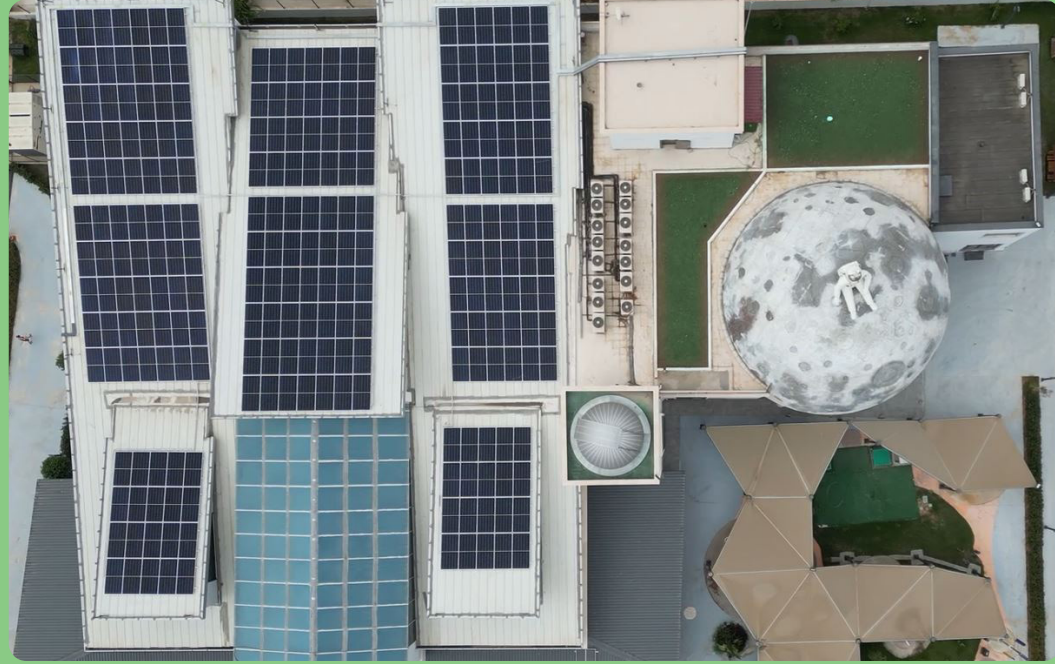
Note: The source material for the Main Project Activities and Outputs is provided by the Interim Technical Reports.

News and Social Media



giskadmersin • Подписаться

giskadmersin 22 нед.
Mersin Büyükşehir Belediyesinin Climate Change Adaptation Grant Programme (CCAGP) Hibe Programı kapsamında "İklim Değişikliğine Adaptasyon İçin Harekete Geç" (Make A Move For Adaptation To Climate Change) başlıklı ve TR2017 ESOP MI A3 04 /CCAGP/158 referans numaralı proje ile hibe almıştır. Bu kapsamda Mersin'in iklim değişikliğine uyum kapasitesini arttırmaya yönelik bir eylem planının hazırlanması hedeflenmektedir. Proje kapsamında gerçekleştirilen iklim değişikliği risk analizlerinin ikinci aşamasında, belirlenen kritik alanlar bazında uygulanabilecek uyum eylemlerinin değerlendirilmesi



Büyükşehir Belediyesinin Projelendirdiği, Toroslar Belediyesi'nin Katkı Sunduğu Defne Koruluğu Açıldı

A- A

07 Kasım 2024 09:15



Mersin Büyükşehir Belediyesi'nin Avrupa Birliği (AB) Projesi olan İklim Değişikliğine Adaptasyon Hibe Programı'nda hibe aldığı '**İklim Değişikliğine Adaptasyon İçin Harekete Geç**' isimli projesi kapsamında '**Gelecek İçin Bir Fidan**' etkinliğiyle, Mersin Büyükşehir Belediyesi ile Toroslar Belediye birliğinde Defne Koruluğu'nun açılışı yapıldı.

Toroslar ilçesi Korukent Mahallesi'nde yer alan Defne Koruluğu açılışına; Mersin Büyükşehir Belediyesi Başkan Vekili Hamit Mert Avcı, Toroslar Belediye Başkanı Abdurrahman Yıldız, Mersin Büyükşehir

TR2017 ESOP MI A3 04 / CCAGP / 206

Assessment of Climate Change Impacts on Food Safety and Enhancing the Resilience of Rural Communities

Beneficiary	TÜBİTAK Marmara Research Center (MAM)
Co-Beneficiaries	Isparta University of Applied Sciences (Türkiye) Ege University (Türkiye) İstanbul University (Türkiye) İstanbul Technical University (Türkiye) International Agricultural Research Institute Directorate (Türkiye) Fruit Research Institute Directorate (Türkiye)
Project Location	Küçük Menderes River Basin, Eğirdir-Karacören Lake Basin Systems, and Beyşehir Lake Basin/Türkiye
Project Duration	(18+6) 24 Months
Project Budget	€509,891.20

Project Objective

The objective of the project is to predict the future conditions of climate and water resources under different greenhouse gas concentration scenarios, to determine the impact of climate change on agriculture and livestock in selected regions, including socio-economic consequences, to strengthen the local rural community through Rural Resilience Community Plans, assess adaptation options, and to enhance knowledge and capacity on assessing climate change-related risks and implementing sectoral measures.

Project Highlights

To contribute to Climate Change Adaptation,

01

Future states of climate and water resources under different greenhouse gas concentration scenarios are predicted.

02

Impacts of climate change on agriculture and livestock within selected regions, including its socio-economic consequences are determined.

03

Local rural community is strengthened via Rural Community Resilience Plans.

04

Climate change adaptation options are assessed.

05

Knowledge and capacity are improved on evaluation of climate change related risks and implementation of measures for sector.

Main Project Activities and Outputs

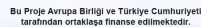
- High- and low-resolution climate simulations are completed for the Küçük Menderes, Eğirdir-Karacaören, and Beyşehir watersheds, and climate indices are calculated. A python code for managing projection outputs is developed, and data is shared with partners.
- Hydrological cycle and water resources management subsystems are developed, including a salinity component integrated with water balance models. Software and algorithms are successfully finalized.
- Data collection for all basins is carried out, and GIS-based databases are created, including updated sub-basin boundaries, irrigation areas, and channels. High-resolution satellite images are used to map agricultural lands.
- Plant production pattern changes in the Küçük Menderes basin are determined through satellite imagery and field surveys. Crop pattern data is updated and validated.
- Animal production changes in the Küçük Menderes and Isparta study areas are determined by collecting and updating livestock and grazing data.
- Socio-economic survey methodology is prepared, and a 63-question questionnaire is finalized. A total of 283 farmers are surveyed in 18 districts and 46 neighborhoods. Data analysis is in progress.
- Regional workshops are held in İzmir and Isparta with a total of 282 participants. 6 training sessions are organized in İzmir, Isparta, and Konya with 510 participants.
- The Kick-off meeting is successfully held in Isparta with 152 participants. 17 Project Development Meetings (PDMs) are conducted regularly with project partners.
- Indicator-based methodology for adaptation assessment is developed, and national/regional strategies are compiled. Stakeholders contributed to identifying gaps in agricultural policies and adaptation measures.
- Agricultural subsystems are under development.
- Crop growth and salinity-yield modeling is still ongoing, with delays due to complex formulation.
- Socio-economic data analysis and econometric modeling are in progress. While data from 283 farmers are collected, the analysis and integration into adaptation scenarios will be finalized in the next phase.
- Focus group meetings, watershed simulations, second regional workshops, resilience plans, and journal articles will be finalized before the closing of the project.

Note: The source material for the Main Project Activities and Outputs is provided by the Interim Technical Reports.


299
 men

852
 women
 

Note: The data is provided by the Grant Beneficiaries.



- ▶ Proje ile, Küçük Menderes Nehri Su havzası, Eğirdir-Karacaören Gölü Havzaları ve Beyşehir Gölü Su Havzasında iklim değişikliğinin tarım ve hayvancılık üzerindeki etkilerinin belirlenmesi ve uyum seçeneklerini değerlendirilmesi amaçlanmaktadır.
- ▶ Bu kapsamda, iklim değişikliğinin modellenmesi, su rezervlerinde öngörülen değişikliklerin tahmini, yeni rezerv koşullarının tarımsal üretime etkisi, yeni koşula göre ürün desininin modellenmesi, yeni koşulların ekonomik ve sosyal etkilerinin belirlenmesine yönelik çalışmalar gerçekleştirilecektir.

Proje Çıktıları

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graph TD
 1[1 Proje Gelişim Toplantıları] --> 2[2 Açılış ve Kapanış Toplantıları]
 2 --> 3[3 Saha-Anket Çalışmaları]
 3 --> 4[4 Bölgesel Çalıştaylar]
 4 --> 5[5 Odak Grup Toplantıları]
 5 --> 6[6 Eğitimler]
 6 --> 7[İklim Projeksiyon Sonuçları]
 7 --> 8[Havza Modelleri]
 8 --> 9[Ürün Deseni Planları]
 9 --> 10[Sosyo-ekonomik Analizler]
 10 --> 11[İklim Değişikliğine Uyum Önlemleri]
 11 --> 12[Dirençlilik Planları]

```
- |   |                                |                                    |
|---|--------------------------------|------------------------------------|
| 1 | Proje Gelişim Toplantıları     | İklim Projeksiyon Sonuçları        |
| 2 | Açılış ve Kapanış Toplantıları | Havza Modelleri                    |
| 3 | Saha-Anket Çalışmaları         | Ürün Deseni Planları               |
| 4 | Bölgesel Çalıştaylar           | Sosyo-ekonomik Analizler           |
| 5 | Odak Grup Toplantıları         | İklim Değişikliğine Uyum Önlemleri |
| 6 | Eğitimler                      | Dirençlilik Planları               |



Bu belge Avrupa Birliği'nin ve Türkiye Cumhuriyeti'nin maddi desteği ile hazırlanmıştır.  
İçerik tamamıyla TÜBİTAK Marmara Araştırma Merkezi sorumluluğu altındadır. Türkiye Cumhuriyeti ve Avrupa Birliği'nin görüşlerini yansıtmak zorunda değildir.

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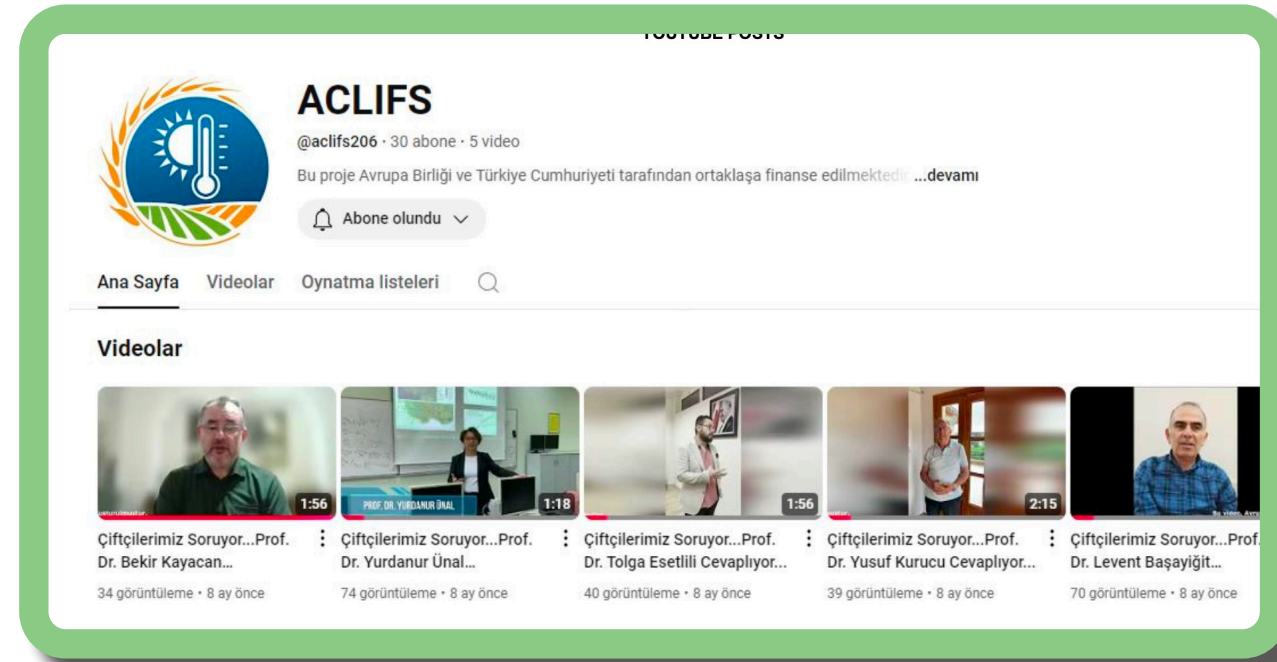
Dr. Tuğba DOĞAN GÜZEL, [tugba.dogan@tubitak.gov.tr](mailto:tugba.dogan@tubitak.gov.tr)

☎ 0262 677 20 00    ✉ [mam@tubitak.gov.tr](mailto:mam@tubitak.gov.tr)    🌐 <https://mam.tubitak.gov.tr/>





# News and Social Media



## Aclifs Projectt'in Gönderisi



**Aclifs Projectt**

23 Mayıs 2024 · 2

Avrupa Birliği ve Türkiye Cumhuriyeti tarafından İklim Değişikliğine Uyum Hibe Programı kapsamına ortaklaşa finanse edilen, TÜBİTAK Marmara Araştırma Merkezi koordinatörlüğünde, Isparta Uygulamalı Bilimler Üniversitesi, Ege Üniversitesi, İstanbul Üniversitesi, İstanbul Teknik Üniversitesi, Uluslararası Tarımsal Araştırma Enstitüsü Müdürlüğü ve Meyvecilik Araştırma Enstitüsü ortaklığında yürütülen "ACLIFS - İklim Değişikliğinin Gıda Güvenliği Üzerindeki Etkilerinin Değerlendirilmesi ve Kırsal Toplulukların Dayanıklılığının Arttırılması" projesi açılış toplantısı gerçekleştirildi.

Proje ile iklim değişikliğinin sosyo-ekonomik sonuçları da dahil olmak üzere seçilen bölgelerdeki tarımsal ve hayvancılık üzerindeki etkilerinin belirlenmesi ve uyum seçeneklerinin değerlendirilmesi amaçlanıyor.



## TR2017 ESOP MI A3 04 / CCAGP / 231

### Building Community Resilience to Natural Hazards and Climate Change in Local and Regional Areas (Resilience Action Academy - REMEDY)

|                  |                                              |
|------------------|----------------------------------------------|
| Beneficiary      | Hacettepe University                         |
| Co-Beneficiaries | Union of Municipalities of Türkiye (Türkiye) |
| Project Location | Eastern Black Sea Region/ Türkiye            |
| Project Duration | (18+3) 21 Months                             |
| Project Budget   | € 483,554.40                                 |

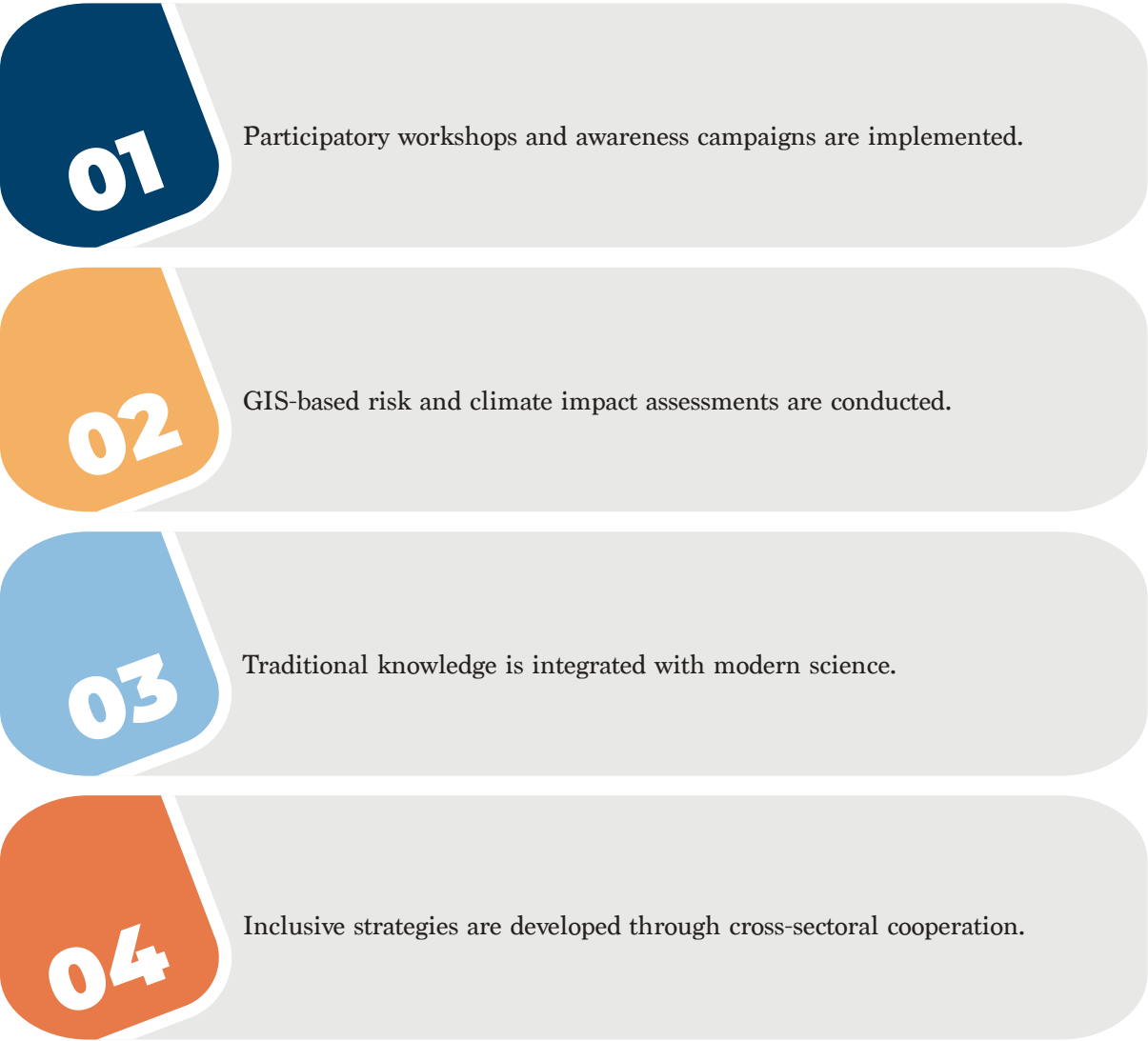


# Project Objective

The objective of the project is to address the underlying factors of climate change impacts and related natural disasters to develop a framework for local and regional climate action plans and strategies, to disseminate the knowledge base on climate change adaptation within the community and raise awareness through know-how transfers and capacity-building activities from the EU, and to help communities remain healthy, nourished, educated, strong, safe and secure by enhancing resilience infrastructure and developing risk reduction strategies.

# Project Highlights

To contribute to Climate Change Adaptation,



# Main Project Activities and Outputs

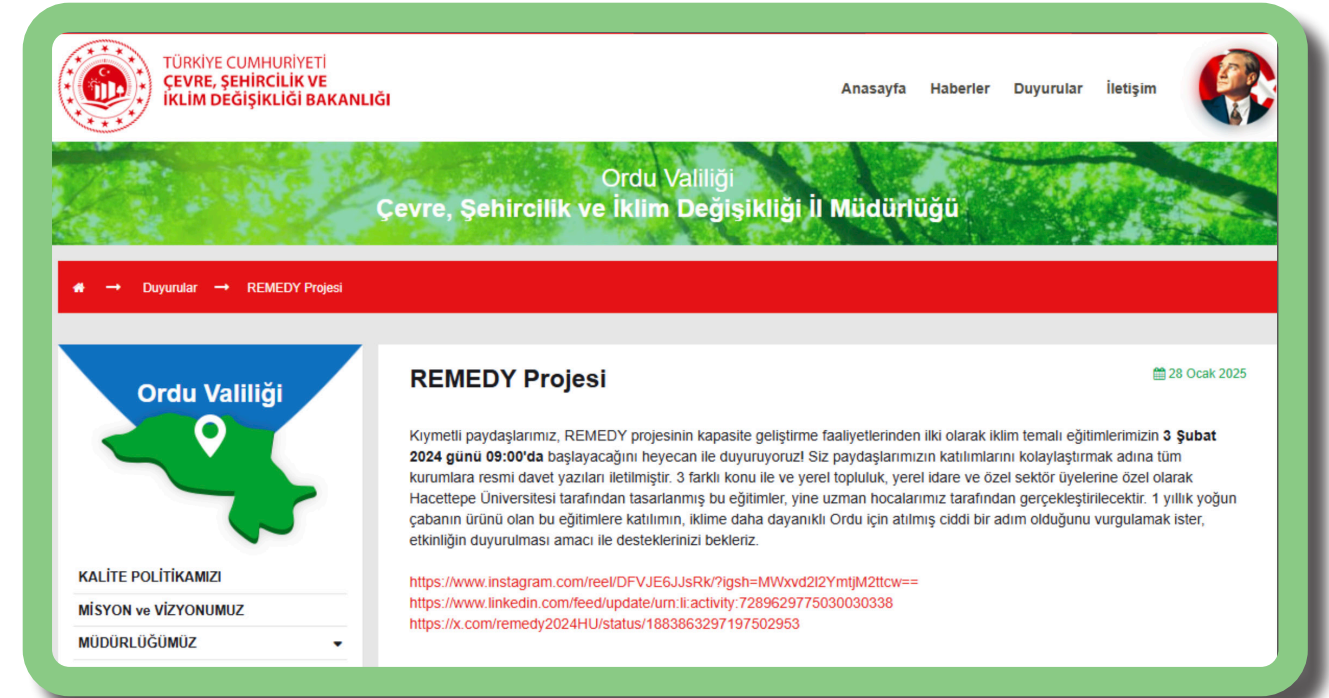
- Project Kick-off Meeting is attended by approximately 120 participants.
- Visibility Plan is prepared to introduce the project to a broader audience and increase public interest.
- The site visits are conducted to increase the participation of the local population and target groups and gather information and understand needs of local people in the pilot region of Ordu Province. Surveys involving over 600 participants, including public employees and local communities, are conducted during the site visit. face-to-face meetings are conducted with 18 public institutions to gather information about the current situation. Findings are reported.
- Climate Impact Analysis for Regional Hazards implemented, and Sensitivity Analysis Report and Map Series are prepared.
- Climate Change Effects on Natural and Human Systems, Regional Vulnerability and Adaptive Capacity and Qualitative and Quantitative Risk Assessments are conducted and detailed in the Vulnerability and Risk Assessments Report Series.
- Regional Climate Adaptation Focus Areas are identified, Region-Specific Climate Strategy Planning with Policy Labs are explained in the Region-Specific Strategies Report.
- Climate Adaptation Knowledge will be extended in the Community with several activities. training modules for local communities, municipal staff, and experts are continued to be developed.
- An AR/VR-Supported Mobile Application is developed, will be fully operational in the following period.
- Monitoring and Evaluation activities will be finalized after further training and app use.



*Note: The source material for the Main Project Activities and Outputs is provided by the Interim Technical Reports.*



## News and Social Media



### FATSA BELEDİYESİ, "GÜÇLÜ BİR GELECEK İÇİN İKLİM DEĞİŞİKLİĞİNE KARŞI BİLİMSEL ADIMLAR ATIYOR"

6 Şubat 2025



Fatsa Belediyesi'nde Yerel ve Bölgesel Alanlarda Doğal Tehlikelere ve İklim Değişikliğine Karşı Toplumsal Dirençliliğin Oluşturulması, Dirençlilik Çalışma Akademisi (REMEDY), İklim Değişikliğine Uyum Hibe Programı (CCAGP) kapsamında önemli bir eğitim programı gerçekleştirildi.



## TR2017 ESOP MI A3 04 / CCAGP / 251

### Forest Ecosystem Services for Community Adaptation in İstanbul Regional Forest Directorate

|                         |                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------|
| <b>Beneficiary</b>      | İstanbul Regional Directorate of Forestry                                                             |
| <b>Co-Beneficiaries</b> | Nature Conservation Centre Foundation (Türkiye)<br>UICN Bureau aupres de l'Union Européenne (Belgium) |
| <b>Project Location</b> | İstanbul, Edirne, Kırklareli ve Tekirdağ/ Türkiye                                                     |
| <b>Project Duration</b> | (18+4) 22 Months                                                                                      |
| <b>Project Budget</b>   | € 513,407.40                                                                                          |

# Project Objective

The objective of the project is to enhance the resilience of forest ecosystems and community resilience through the effective use of forest ecosystem services, and to increase the capacity of relevant institutions for the effective use of ecosystem services and nature-based solutions in climate change adaptation.

# Project Highlights

To contribute to Climate Change Adaptation,

01

Within the scope of forest ecosystem services and climate change adaptation strategies, studies are carried out on mapping forest ecosystem services, vulnerability analyses, developing climate change adaptation strategies, and creating nature-based solutions in collaboration.

02

Field-based solution models are tested through pilot applications, and the public’s awareness of ecosystem services is supported by organizing awareness-raising training sessions.

# Main Project Activities and Outputs

- A comprehensive spatial database for the IRDF is prepared, incorporating national and international datasets as well as field surveys, and serves as the foundation for resilience and adaptation planning.
- The forests of IRDF are mapped and characterized, producing high-resolution vegetation and ecosystem maps that include canopy closure, forest age classes, and biodiversity hotspots.
- Participatory mapping of ecosystem services is conducted through 10 workshops with forest management units, producing detailed maps of regulating, provisioning, cultural, and supporting services.
- Climate change induced changes in forest ecosystems and services are modelled, including habitat suitability models for black pine, red pine, beech, and oak species, with projections of future ecosystem service shifts.
- Climate change induced vulnerabilities in forests and ecosystem services are identified, producing 2 detailed reports on ecological and ecosystem service vulnerabilities.
- A total of 10 1-day workshops is organized in forest management directorates, with 129 participants, developing draft adaptation strategies tailored to local needs.
- Training activities in schools and the Atatürk Arboretum are implemented, delivering 43 sessions, reaching 1,206 students and 61 teachers through interactive environmental education.
- The identification of vulnerability hotspots for forests and ecosystem services is ongoing, draft maps are prepared, and a stakeholder validation workshop will be realized.
- IRDF Climate Change Adaptation Strategy will be prepared.
- The expansion of training programs for farmers, unions, opinion leaders, and NGOs around vulnerability hotspots is planned.
- The integration of training modules into fire management and prevention programs is initiated, with the first pilot targeting 500 participants.
- Basic Communication Strategy is finalized. Other communication materials are developed in line with the activities.
- Institutional capacity-building initiatives for integrating ecosystem services into forest management will be implemented.
- Knowledge exchange activities, including international study visits, are planned.

*Note: The source material for the Main Project Activities and Outputs is provided by the Interim Technical Reports.*



With the project activities,

 **1736**  **1259**  
men women

a total of  
**2995**  
participants are reached

*Note: The data is provided by the  
Grant Beneficiaries.*





# News and Social Media



## TR2017 ESOP MI A3 04 / CCAGP / 311

### An Urban Water Resilience Approach to Enhancing Climate Change Adaptation in Turkish Cities

|                  |                                           |
|------------------|-------------------------------------------|
| Beneficiary      | Ankara Üniversitesi Su Yönetimi Enstitüsü |
| Co-Beneficiaries | Universiteit Twente (Hollanda)            |
| Project Location | Türkiye                                   |
| Project Duration | (18+6) 24 Months                          |
| Project Budget   | € 140,882.56                              |

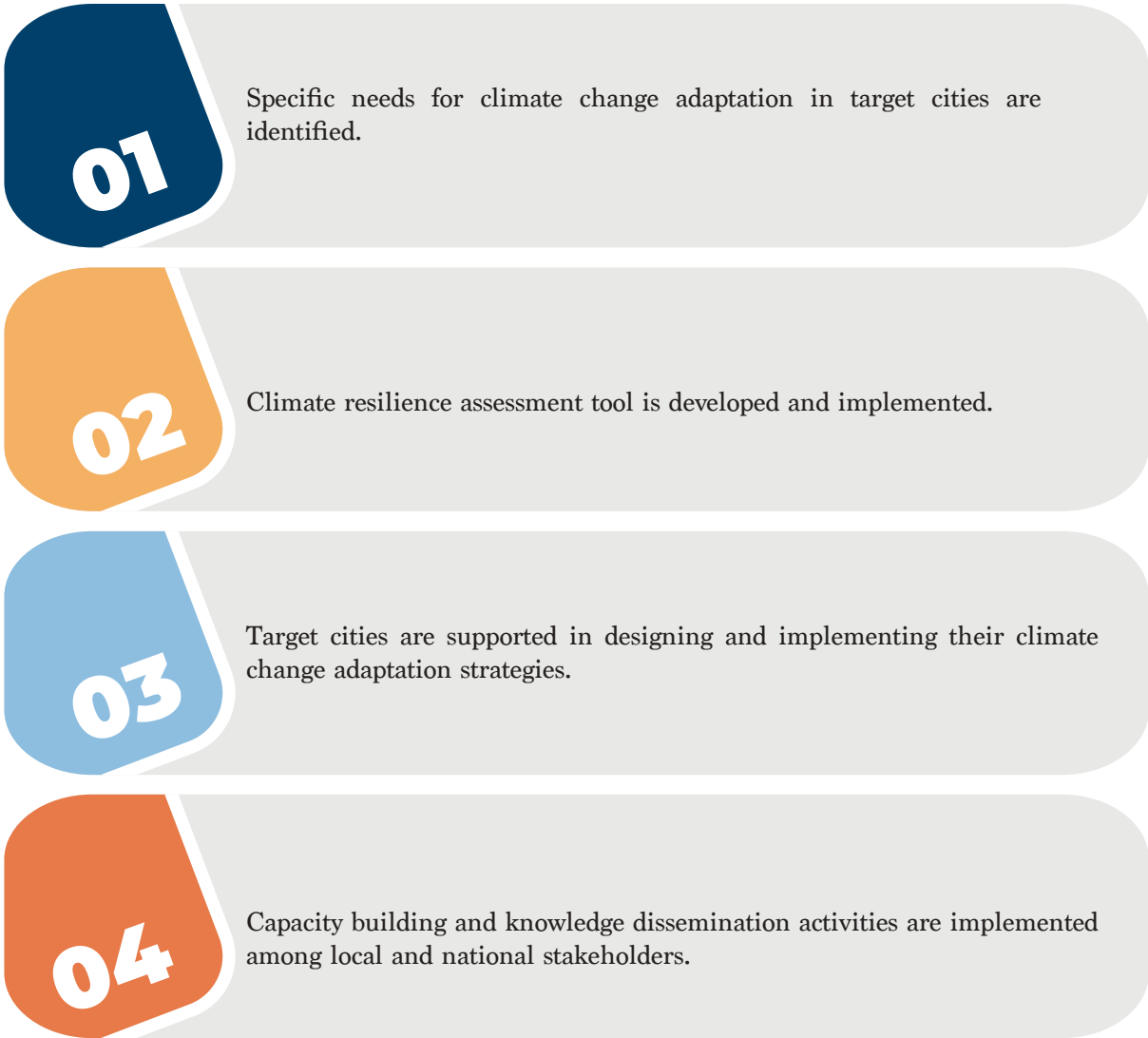


# Project Objective

The objective of the project is to assess the current state and climate vulnerabilities of the water and wastewater management sectors in the target cities, to identify specific needs to enhance the climate adaptation capacity and water resilience of the target cities, and to support target cities in preparing or improving their climate change adaptation strategies.

# Project Highlights

To contribute to Climate Change Adaptation,



# Main Project Activities and Outputs

- A stakeholder analysis is implemented to identify key departments and contact persons in 25 target cities, resulting in the identification of 14 responsible departments for adaptation of climate change.
- 176 participants from 66 institutions attended the kick-off meeting, with an additional 350 people reached online.
- A Water Sensitive Cities (WSC) self-assessment indicator set is developed and tested with eight pilot cities, of which seven municipalities completed the evaluation (Ankara, Antalya, Konya, Muğla, Sakarya, Samsun, Van).
- The Climate Resilience Assessment Tool (CLIM-RAT) is developed and finalized for use in Turkish municipalities.
- Climate vulnerabilities of seven pilot cities are identified through the WSC index, covering goals such as equity in essential services, ecological health, and adaptive infrastructure.
- Knowledge dissemination is implemented, with 11 LinkedIn posts reaching 1,180 impressions, 540 members engaged, presentations at national conferences, and submissions to international congresses.
- The review of climate change adaptation (CCA) initiatives in 25 target cities is ongoing; available documents are being assessed, and detailed reviews will be finalized after stakeholder meetings.
- The identification of specific CCA needs of pilot cities is partially completed, hence finalization for all 25 target cities will be done using the CLIM-RAT tool in the next phase.
- The trainings, knowledge exchange with international experts, policy brief on accelerating urban CCA, climate resilience guidelines will be implemented in the remaining months.



*Note: The source material for the Main Project Activities and Outputs is provided by the Interim Technical Reports.*



## News and Social Media





## TR2017 ESOP MI A3 04 / CCAGP / 342

### Promoting Resilience and Adaptation to Climate Change by Preventing Water Lost

|                         |                                              |
|-------------------------|----------------------------------------------|
| <b>Beneficiary</b>      | İstanbul Maden ve Metal İhracatçı Birlikleri |
| <b>Co-Beneficiaries</b> | Su Politikaları Derneği                      |
| <b>Project Location</b> | İstanbul/Türkiye                             |
| <b>Project Duration</b> | (18+6) 24 Months                             |
| <b>Project Budget</b>   | € 166,483.60                                 |

# Project Objective

The objective of the project is to raise awareness among companies and beneficiaries about water consumption and the potential impacts of climate change in the manufacturing sectors of chemicals, chemical products, and other non-metallic mineral products, thereby strengthening their climate change resilience, thus to enhance the adaptation capacity and resilience to climate change in the manufacturing sectors of chemicals, chemical products, and other non-metallic mineral products, as well as among other relevant stakeholders, by increasing experience through the transfer of know-how and sharing of best practices in water management and water efficiency through Best Available Techniques (BAT).

# Project Highlights

To contribute to Climate Change Adaptation,

01

Climate change resistances are strengthened by raising awareness among companies and beneficiaries about the possible effects of water consumption and climate change in the manufacturing of chemicals and chemical products, manufacturing of non-metallic mineral products sectors.

02

Adaptation capacity and resilience towards climate change is strengthened by raising awareness in sectors of manufacturing of chemicals and chemical products, manufacturing of non-metallic mineral products sectors and other relevant actors through Best Techniques Available (BTA) for water management and water efficiency in relevant manufacturing sector and enhancing experience with know how transfer and experience sharing.

# Main Project Activities and Outputs

- Project team and management structure are established.
- Kick-off meeting is implemented with 57 participants. The event is also streamed online and reached a broader audience.
- Promotion and dissemination activities are implemented, including the launch of the project website, creation of social media accounts (LinkedIn, Instagram), and distribution of 9 newsletters.
- Visibility materials are produced, including 2 rollups, 350 flash drives, and 250 brochures.
- Preliminary design of an open-source platform is implemented and linked to the project website, where content will be added after the Best Techniques Available (BAT) studies.
- In the following period of the project, climate change sectoral impact analysis report, water quantities used per unit report, BAT analysis, characterization report, online peer-learning activities, and open-source platform content, manual and documentary on BATs, ministry-level action plan recommendation letter, sectoral workshops, peer-learning sessions will be completed.



*Note: The source material for the Main Project Activities and Outputs is provided by the Interim Technical Reports.*



# News and Social Media



TR2017 ESOP MI A3 04 / CCAGP / 418

Increasing Adaptation of Hatay to Climate Change  
Particularly in Terms of Forest Fires

|                  |                                                          |
|------------------|----------------------------------------------------------|
| Beneficiary      | Eastern Mediterranean Development Agency (DOĞAKA), Hatay |
| Co-Beneficiaries | Hatay Regional Directorate of Forestry (Türkiye)         |
| Project Location | Hatay/Türkiye                                            |
| Project Duration | (15+6) 21 Months                                         |
| Project Budget   | €163,823.00                                              |

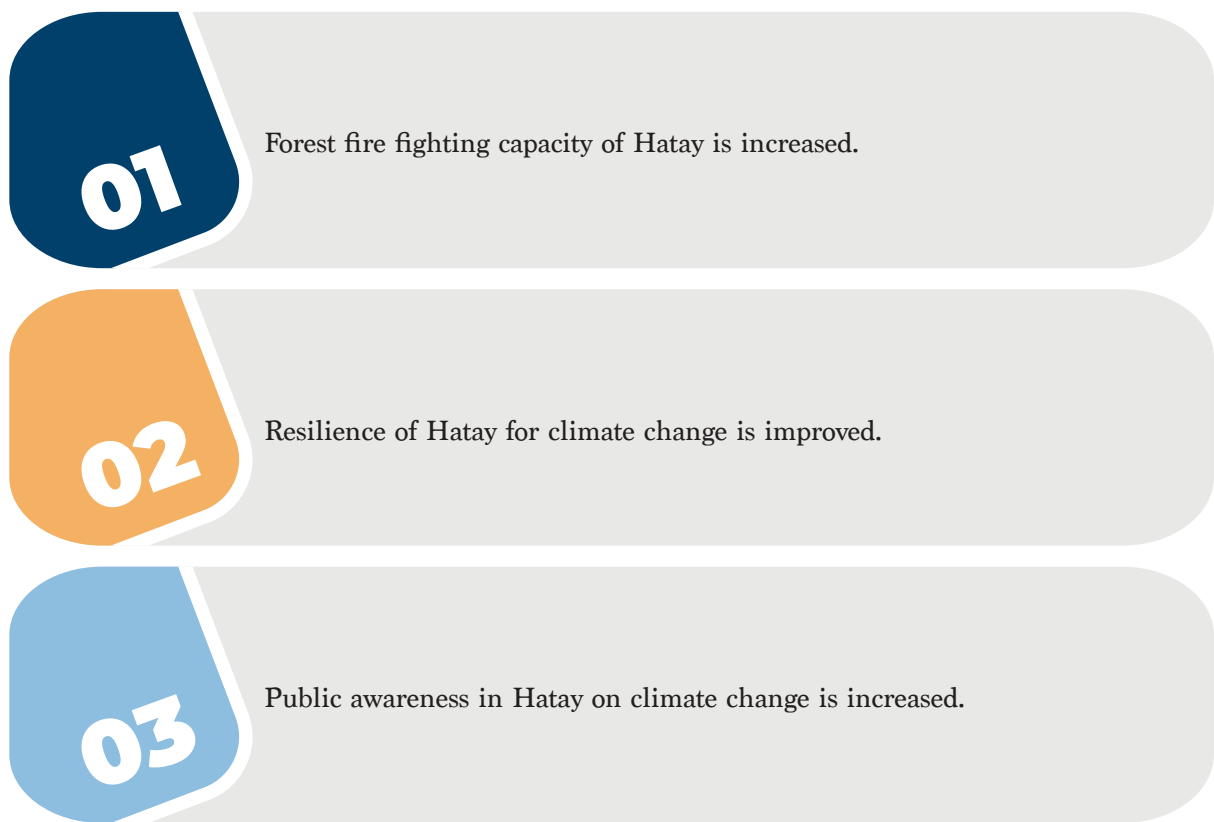


# Project Objective

The objective of the project is to improve Hatay’s climate change adaptation through capacity-building and awareness-raising activities, to enhance Hatay’s capacity to combat forest fires, to increase Hatay’s resilience to climate change, and to raise public awareness about climate change in Hatay.

# Project Highlights

To contribute to Climate Change Adaptation,



# Main Project Activities and Outputs

- Project team is established.
- Kick-off meetings between project partners are held, officially starting the activities.
- Designs of visibility materials are prepared.
- In the upcoming period, Drone-Supported Early Warning System for Forest Fires will be procured.
- Forest Fire Intervention Plan will be prepared.
- The Current Situation Analysis of Forest Fires will be made.
- Awareness-raising materials will be distributed, and activities will be implemented.
- Climate Change Awareness Days in three districts of Hatay will be organized.
- Sustainable Development Expertise Certification Program for DOĞAKA experts with ITU will be implemented.
- The Handbook on Forest Fires and Climate Change for public use will be prepared.



Note: The source material for the Main Project Activities and Outputs is provided by the Interim Technical Reports.

## News and Social Media



DHA  
DEMİROREN HABER AJANSI

Antakya

Hatay - Devrilen kamyonun altında ezilen şoför hayatını ...

Haberler > Yerel Haberler > Antakya Haber > Hatay'da ormanlar İHA'la...

### Hatay'da ormanlar İHA'larla izlenecek

16.04.2025 - 10:10 | Son Güncellenme: 16.04.2025 - 10:10 | DHA



T.C. SANAYİ VE  
TEKNOLOJİ BAKANLIĞI

#KALKINMA  
#TEKNOLOJİ

DOĞAKA

Anasayfa Kurumsal Planlama Destekler Doğu Akdeniz Bize Ulaşın



### Orman Yangınları Özelinde Hatay'ın İklim Değişikliklerine Adaptasyonunun Arttırılması" Projesi Kapanış Toplantısı İskenderun'da Gerçekleştirildi

Anasayfa > Haberler >

Orman Yangınları Özelinde Hatay'ın İklim Değişikliklerine Adaptasyonunun Arttırılması" Projesi Kapanış Toplantısı İskenderun'da Gerçekleştirildi

### Orman Yangınları Özelinde Hatay'ın İklim Değişikliklerine Adaptasyonunun Arttırılması" Projesi Kapanış Toplantısı İskenderun'da Gerçekleştirildi

18 Ağustos 2025

Sözleşme makamının Çevre, Şehircilik ve İklim Değişikliği Bakanlığı Avrupa Birliği ve Dış İlişkiler Genel Müdürlüğü olduğu, nihai faydalanıcının ise İklim Değişikliği Başkanlığı olduğu İklim Değişikliğine Uyum Hibe Programı kapsamında desteklenmeye hak kazanan "Orman Yangınları Özelinde Hatay'ın İklim Değişikliklerine Adaptasyonunun Arttırılması" projesi kapanış toplantısı 14 Ağustos 2025 tarihinde İskenderun'da gerçekleştirildi.

Projenin kapanış toplantısına Doğu Akdeniz Kalkınma Ajansı Genel Sekreteri Oğuz ALİBEKİROĞLU, Hatay Orman Bölge Müdürlüğü Arsuz Orman İşletme Şefi Ahmet Yasir EVLEKSİZ, Hatay



## TR2017 ESOP MI A3 04 / CCAGP / 420

### Climate Smart Farms: A Model for Adaptation of Agriculture to Climate Change

|                         |                                                                                                                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Beneficiary</b>      | Buğday Association for Supporting Ecological Living, İzmir                                                                                                                                                  |
| <b>Co-Beneficiaries</b> | Delegazione Europea per l'Agricoltura Familiare in Asia, Africa e America Latina ETS (DEAFAL ETS) (İtalya)<br>S.S. İzmir Agricultural Development and Other Agricultural Cooperatives Association (Türkiye) |
| <b>Project Location</b> | İzmir/Türkiye                                                                                                                                                                                               |
| <b>Project Duration</b> | 18 Months                                                                                                                                                                                                   |
| <b>Project Budget</b>   | € 165,962.31                                                                                                                                                                                                |

# Project Objective

The objective of the project is to create a holistic model that can be replicated and scaled, focusing on the three pillars of the food system in İzmir: farmers, consumers and decision-makers. The project is designed to assist farmers in İzmir in transitioning to climate-friendly agricultural practices, protect local ecosystems and establish this success as a replicable model across Türkiye.

# Project Highlights

To contribute to Climate Change Adaptation,

01

A replicable, holistic model is created in Izmir for improving resilience of agricultural/rural communities and for protection of natural resources and ecosystems

02

Adaptation capacity of agriculture and livestock sector in Izmir is enhanced.

# Main Project Activities and Outputs

- Local consultation meetings with 4 key stakeholders are implemented, followed by a 1-day stakeholder meeting with 57 participants. A report summarizing local climate problems and solutions is prepared.
- 6 pilot farms are selected based on climate-smart criteria, cooperative membership, and gender/youth participation.
- A baseline study is implemented across the 6 farms, including soil analyses, biodiversity, and water retention assessments. A finalized baseline report is prepared.
- A situation analysis report was prepared based on stakeholder input, baseline data, and literature review.
- 6 training sessions on eight topics were implemented for 35 farmers and cooperative employees.
- 21 mentoring visits were implemented in the pilot farms to provide tailored guidance and transition plans.
- Short food supply chains are promoted through a 1-day seminar with 34 participants and stakeholder engagement, where 3 food communities integrated climate-smart criteria. Further activities and integration with Köy-Koop events are planned.
- Stakeholder engagement is strengthened via four consultations and a 1-day meeting with 57 participants.
- 11 social media posts are published, and 2 press releases are distributed to 3,500 press contacts, reaching an estimated 1,000,000 people.

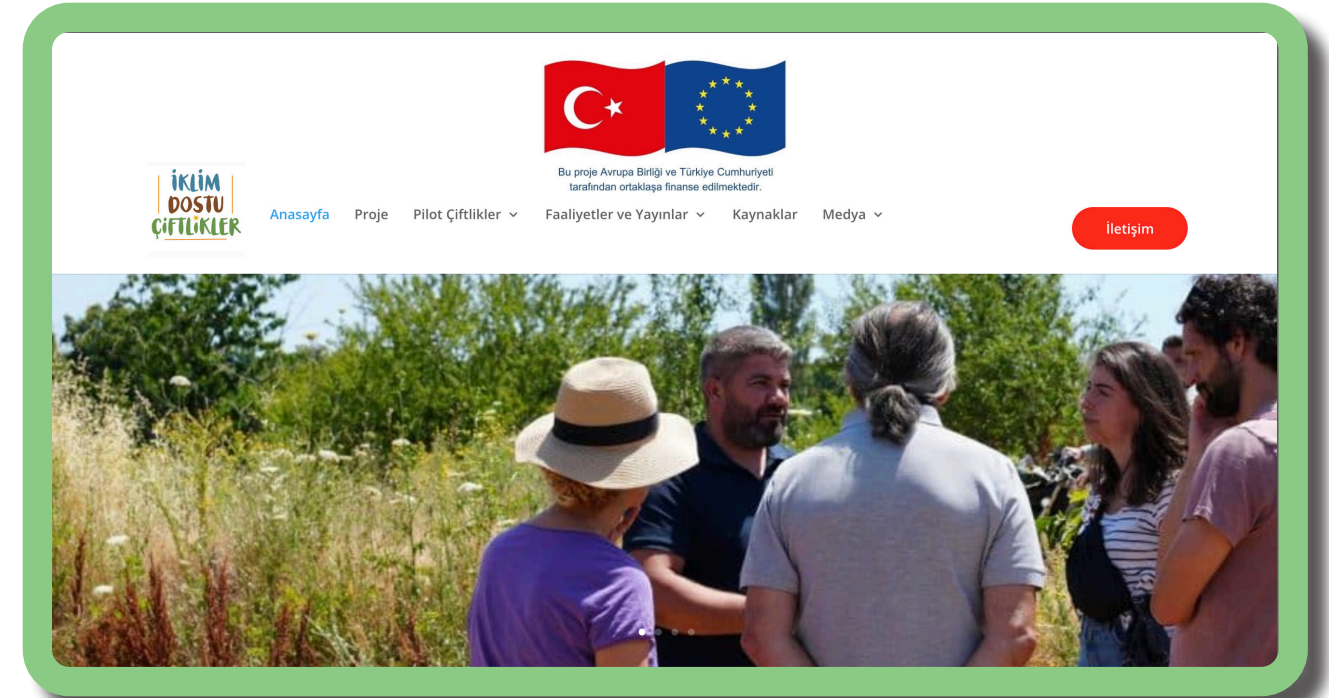


*Note: The source material for the Main Project Activities and Outputs is provided by the Interim Technical Reports.*





## News and Social Media





## TR2017 ESOP MI A3 04 / CCAGP / 558

### Hear the Plants' Voice, Adapt for Climate Change

|                         |                                                                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Beneficiary</b>      | Mersin Chamber of Commerce and Industry                                                                                                                  |
| <b>Co-Beneficiaries</b> | Mersin Metropolitan Municipality (Türkiye)<br>Boğaziçi University (Türkiye)<br>Directorate of Mersin Alata Horticultural Research<br>Institute (Türkiye) |
| <b>Project Location</b> | Mersin/Türkiye                                                                                                                                           |
| <b>Project Duration</b> | (18+2) 20 Months                                                                                                                                         |
| <b>Project Budget</b>   | € 149,988.91                                                                                                                                             |



# Project Objective

The objective of the project is to identify alternative agricultural plant species to increase agricultural resilience and adapt to global climate change in the agricultural sector in Mersin, to determine alternative agricultural plant species and varieties within the region that are economically valuable and suitable for climate adaptation, including existing products, to identify and promote the use of innovative cultivation methods for the specified alternative agricultural plant species, to raise awareness about the cultivation and dissemination of alternative agricultural plant species, to support the sustainability of agriculture and agriculture-based industries through the dissemination of economically viable agricultural plant species that adapt to global climate change, to enhance the climate change adaptation capacity of institutions and organizations in the region, to establish the Climate Change and Agricultural Production Adaptation Center to enhance inter-institutional cooperation and coordination, and to promote the dissemination of alternative crop cultivation.

# Project Highlights

To contribute to Climate Change Adaptation,

01

Alternative agricultural plant species and varieties with high economic value and eligible for adaptation to climate change are determined.

02

Innovative growing methods for the specified alternative species are determined, and their use is intensified.

03

Awareness raising activities are implemented.

04

The sustainability of the agriculture and agriculture-based industry is supported by the dissemination of adaptable economic agricultural plant species.

05

Climate change adaptation capacity of the institutions and organizations is increased in the region, establishing Climate Change and Agricultural Production Adaptation Centre for enhancing inter institutional cooperation and coordination.

# Main Project Activities and Outputs

- A project team is formed, internal evaluation meetings are held, a procurement plan and communication plan are prepared. Also, a voluntary project audit team is established.
- Visibility and promotional materials are produced, including 100 posters, 500 pens, 200 hats, 300 bags, 200 notepads, 2 roll-ups, and 10 flags.
- The opening ceremony is held with 120 participants, including representatives from public institutions, the private sector, and the local press.
- Mersin Climate Change and Adaptation Conference is organized with 150 participants and expert speakers presented on adaptation and sustainability.
- The Mersin Climate Change and Agriculture Workshop is held with 85 participants.
- Data collection is carried out across institutions in Mersin, and Boğaziçi University conducted climate modeling studies with Alata Horticultural Research Institute, initiating the drafting of the Report on Mersin Agricultural Culture Plant Species for Climate Change.
- In the following period Report on Mersin Agricultural Culture Plant Species, Report on Innovative Growing Methods will be completed.
- Three policy reports will be submitted to national and local authorities.
- International Mediterranean Climate Change and Agriculture will be organized.
- 1 seminar and 5 training programs for 350 participants (including 300 farmers and 50 agricultural engineers) will be delivered.



Note: The source material for the Main Project Activities and Outputs is provided by the Interim Technical Reports.

# News and Social Media



**MERSİN  
TİCARET VE SANAYİ  
ODASI**

KURUMSAL >

KAYITLI FİRMALAR >

HİZMETLERİMİZ >

ONLINE İŞLEMLER >

YAYINLAR >

BİLGİ BANKASI >

🇹🇷 f X in @

ANASAYFA / HABERLER / İKLİM DEĞİŞİKLİĞİNE DAYANIKLI TARIM İÇİN 'ORTAK AKIL' MERSİN'DE BULUŞTU

## İklim değişikliğine dayanıklı tarım için 'Ortak Akıl' Mersin'de buluştu

27-06-2025

İklim krizinin, en kırılgan bölgelerden biri olan Akdeniz Havzası'na etkilerinin konuşulduğu Uluslararası Akdeniz İklim Değişikliği ve Tarım Konferansı'nda, artan sıcaklıklar, azalan su kaynakları, toprak verimliliğindeki düşüş gibi kritik sorunlar ele alınırken; iklime dirençli tarım uygulamaları, sürdürülebilir üretim modelleri ve bölgesel çözüm önerileri de masaya yatırıldı. Bilim insanlarını, uzmanları ve paydaşları Mersin'de bir araya getiren konferansta, iklim değişikliğinin yalnızca çevresel değil, aynı zamanda ekonomik ve toplumsal etkilerinin de altı çizildi. Bilimsel veriler ışığında, tarımın geleceği için acil ve ortak bir eylem planının gerekliliği bir kez daha dile getirildi.



Avrupa Birliği ile Türkiye Cumhuriyeti'nin finansal desteği Mersin Ticaret ve Sanayi Odası (MTSO) koordinatörlüğünde; Mersin Büyükşehir Belediyesi, Boğaziçi Üniversitesi ve Alata Bahçe Kültürleri Araştırma Enstitüsü Müdürlüğü ortaklığında yürütülen "Bitkilerin Sesine Kulak Verin, İklim Değişikliğine Uyum Sağlayın" isimli Proje kapsamındaki çalışmalar devam ediyor.



← Gönderi

 **Mersin TSO** @mersintso

✪ Mersin'de, iklim değişikliğine uyumlu tarım için çalışmalar sürüyor

Avrupa Birliği ile Türkiye Cumhuriyeti tarafından finanse edilen, Mersin Ticaret ve Sanayi Odası (#MTSO) koordinatörlüğünde; Mersin Büyükşehir Belediyesi, Boğaziçi Üniversitesi ve Alata Bahçe Kültürleri Araştırma Enstitüsü Müdürlüğü ortaklığında yürütülen "Bitkilerin Sesine Kulak Verin, İklim Değişikliğine Uyum Sağlayın" isimli Proje kapsamındaki çalışmalar devam ediyor.

Proje kapsamında kent tarımını, çiftçisini değişen iklim koşullarına adapte etme hedefiyle 'Bitkilerin Sesini Duy İklim Değişikliğine Uyum Sağla Mersin Tarım Sektörü İklim Değişikliği Komite Toplantısı' düzenlendi.

Haberin devamı:  [tls.tc/IDGus](https://tls.tc/IDGus)

facebook

E-posta veya telefon Şifre Giriş Yap Hesabını mı Unuttu

**Mersin Ticaret ve Sanayi Odası'nın gönderisi**

 **Mersin Ticaret ve Sanayi Odası**  
22 Mayıs · 🌐

Mersin Ticaret ve Sanayi Odası (MTSO) koordinasyonundaki çiftçi eğitimleri devam ediyor. 'Bitkilerin Sesine Kulak Verin, İklim Değişikliğine Uyum Sağlayın' projesi kapsamında Bekirde Köyü'nün ardından eğitim verilen ikinci köy Eski Mezitli oldu. Eğitimlerde, bölgenin iklim şartlarına dayanıklı, alternatif bitki tür ve çeşitlerinin belirlenmesine yönelik çalışmalar anlatılırken, aynı zamanda sürdürülebilir ve çeşitlendirilmiş tarım uygulamalarının yaygınlaştırılması konusunda farkındalık oluşturuldu.

#MTSO #İklimDeğişikliği #SürdürülebilirTarım #Mersin #GeleceğiKoruyalım #TarımdaDeğişim





**MERSİN  
TİCARET VE SANAYİ  
ODASI**

KURUMSAL >

KAYITLI FİRMALAR >

HİZMETLERİMİZ >

ONLINE İŞLEMLER >

YAYINLAR >

BİLGİ BANKASI >

🇹🇷 f X in @

ANASAYFA / HABERLER / MERSİN'DE, İKLİM DEĞİŞİKLİĞİNE UYUMLU TARIM İÇİN ÇALIŞMALAR SÜRÜYOR

## Mersin'de, iklim değişikliğine uyumlu tarım için çalışmalar sürüyor

07-08-2025

Avrupa Birliği ile Türkiye Cumhuriyeti tarafından finanse edilen, Mersin Ticaret ve Sanayi Odası (MTSO) koordinatörlüğünde; Mersin Büyükşehir Belediyesi, Boğaziçi Üniversitesi ve Alata Bahçe Kültürleri Araştırma Enstitüsü Müdürlüğü ortaklığında yürütülen "Bitkilerin Sesine Kulak Verin, İklim Değişikliğine Uyum Sağlayın" isimli Proje kapsamındaki çalışmalar devam ediyor.



Proje kapsamında Bitkilerin Sesini Duy İklim Değişikliğine Uyum Sağla Mersin Tarım Sektörü İklim Değişikliği Komite Toplantısı düzenlendi. MTSO ev sahipliğindeki toplantıya Mersin Büyükşehir Belediyesi, il ve ilçe ziraat odaları, Çevre, Şehircilik ve İklim Değişikliği İl Müdürlüğü, Tarım ve Orman İl Müdürlüğü, Meteoroloji İl Müdürlüğü, Mersin Agropark, Alata Bahçe Kültürleri ve Araştırma Enstitüsü ile



## TR2017 ESOP MI A3 04 / CCAGP / 560

### Plan Bee: Increasing the Adaptation Capacity of Istranca Beekeeping to Climate Change

|                         |                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------|
| <b>Beneficiary</b>      | Kirklareli Chamber of Commerce and Industry                                                         |
| <b>Co-Beneficiaries</b> | Demirköy District Beekeepers Association (Türkiye)                                                  |
| <b>Project Location</b> | Kofçaz, Lüleburgaz, Vize, Pınarhisar, Babaeski, Pehlivan köy, Demirköy, İğneada/Kirklareli/ Türkiye |
| <b>Project Duration</b> | 18 Months                                                                                           |
| <b>Project Budget</b>   | € 163,322.66                                                                                        |

# Project Objective

The objective of the project is to strengthen the climate change adaptation capacity of beekeeping activities in Istranca.

# Project Highlights

To contribute to Climate Change Adaptation,

01

Beekeeping Resilience and Productivity is enhanced.

02

The beekeeping sector is strengthened.

03

Socio-Economic and Environmental Challenges are addressed.

04

Awareness is raised and knowledge is disseminated.

# Main Project Activities and Outputs

- Honey yield and colony losses caused by climate change are prevented.
- The needs and gaps between producers and the sector are understood.
- Economic losses due to yield reduction are minimized.
- Capacity of local beekeepers to combat and adapt to climate change is increased.
- Climate-induced migration is prevented by minimizing climate-related socio-economic problems
- Branding activities are supported.
- Successful field applications and innovative examples of climate change adaptation are presented.
- Awareness raising activities are implemented.
- The protection of the designated conservation area is ensured.
- Threats to sustainable beekeeping activities with high added value are eliminated.



Note: The source material for the Main Project Activities and Outputs is provided by the Interim Technical Reports.



## News and Social Media



[GÜNCEL](#) [SİYASET](#) [KÜLTÜR-SANAT](#) [EKONOMİ](#) [SPOR](#) [Video](#)

TR2017-ESOP-MI-A3-04-CCAGP560

Plan Arı: "Istranca Arıcılığının İklim Değişikliğine Uyum Kapasitesinin Artırılması" Projesi Türkiye ile Avrupa Birliği arasındaki Katılım Öncesi Mali Yardım Aracı (IPA)'nın "Çevre ve İklim Eylemi Sektör Operasyonel Programı" kapsamında, Avrupa Birliği'nin desteğiyle finanse edilen "Plan Bee: Increasing the Adaptation Capacity of Istranca Beekeeping to Climate Change/ Plan Arı: "Istranca Arıcılığının İklim Değişikliğine Uyum Kapasitesinin Artırılması" adlı ve TR2017-ESOP-MI-A3-04-CCAGP\_560 numaralı proje kapsamında hazırlanmıştır.

Istranca Arıcılığına İklim Dayanıklılığı İçin

Politika Belgesi Hazırlandı

Kırklareli – Odamızın başvuru sahibi olduğu ve Demirköy Bal Üreticileri Birliği'nin ortaklığında yürütülen

"Plan Arı: Istranca Arıcılığının İklim Değişikliğine Uyum Kapasitesinin Artırılması" adlı proje kapsamında,

"Karar Mekanizmalarına Yönelik Politika Belgesi'nin Hazırlanması" başlıklı etkinlik Kırklareli Merkez'de

gerçekleştirildi.

İklim Değişikliğine Uyum Hibe Programı (CCAGP) EuropeAid/170484/ID/ACT/TR kapsamında desteklenen ve CCAGP/560 referans numaralı tasarılan proje, Istranca bölgesindeki arıcılığın iklim

## TR2017 ESOP MI A3 04 / CCAGP / 611

### **Predicting the Distribution of Future Basic Forest Tree Species Using Different Climate Projections and Developing Adaptation Strategies for Türkiye**

|                         |                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------|
| <b>Beneficiary</b>      | Marmara Forestry Research Institute                                                             |
| <b>Co-Beneficiaries</b> | İstanbul Technical University (İTÜ) (Türkiye)<br>Karadeniz Technical University (KTÜ) (Türkiye) |
| <b>Project Location</b> | All Regions/Türkiye                                                                             |
| <b>Project Duration</b> | (18+3) 21 Months                                                                                |
| <b>Project Budget</b>   | € 196,984.86                                                                                    |



# Project Objective

The objective of the project is to predict the future distribution of tree species across the country using regional climate models, to map forest areas most affected by climate change and identify tree species that can adapt to climate change, and to develop climate change adaptation strategies based on forest management and increase the level of forestry knowledge.

# Project Highlights

To contribute to Climate Change Adaptation,

01

Future tree species distribution is estimated, and maps are produced.

02

Forest lands that will be most affected from climate change and investigating tree species that will be able to adapt climate change are mapped.

03

Climate change adaptation strategies based on forest management and silviculture and extending the knowledge base within the foresters and the society are developed.

04

Knowledge and awareness in increased within forestry professionals, representatives from other sectors and the community.

# Main Project Activities and Outputs

- The kick off meeting of t was held with many valuable participants.
- Field studies are conducted for the assessment of current conditions and the development of more robust future distribution scenarios based on climate projections. In this context, extensive field visits were carried out in various forestry areas within the provinces of Antalya, Çanakkale, Edirne, Mersin, and Tokat. In each of these regions, data sets were collected from predetermined sampling sites to help understand the existing ecological and structural characteristics.
- Under Climate Modelling, low-resolution climate simulations at 0.11° (~12 km) for the whole of Türkiye using the EC-Earth3-Veg model under SSP2-4.5 and SSP3-7.0 scenarios are completed, covering the period 1995–2100.
- High-resolution (2.5–2.8 km) regional climate simulations for hotspot regions are conducted, and simulations for Tokat and Antalya are completed.
- Bias correction and the calculation of 19 bioclimatic variables at 1 km resolution for Türkiye and the hotspot regions are finalized and shared with other work package groups.
- Under Species Distribution Modelling, modelling using MaxEnt and Biomod2 for selected tree species such as Pinus brutia, Pinus nigra, Quercus cerris, and Quercus petraea is carried out, and future habitat suitability maps are prepared under SSP2 and SSP3 scenarios.
- The mapping of potential distribution areas of basic forest tree species based on climate projections and the assessment of future habitat suitability of these species are successfully completed for 4 tree species. Studies are ongoing for the remaining 16 tree species.
- Workshops are conducted in Antalya and Çanakkale with expert stakeholders. In the events where intense participation was achieved, the future of Turkey’s forests against climate change was discussed.
- Silvicultural Analysis is continued.
- A website is prepared for sharing maps and outputs with target groups.
- The findings obtained provide valuable information for forest management and protection strategies, and it is envisaged that this information can be used for the protection and sustainable management of forest ecosystems in Turkey. The project contributes to the development of future adaptation strategies by comprehensively addressing the effects of climate change on forest tree species.

*Note: The source material for the Main Project Activities and Outputs is provided by the Interim Technical Reports.*



With the project activities,

**404** men **145** women

a total of  
**692**  
participants are reached

*Note: The data is provided by the Grant Beneficiaries.*



“Bu proje Avrupa Birliği ve Türkiye Cumhuriyeti tarafından ortaklaşa finanse edilmektedir.”  
“This Project is co-financed by the European Union and the Republic of Türkiye”

## AÇILIŞ TOPLANTISI PROGRAMI

10:00 Açılış Konuşmaları

10:30 Proje genel tanıtımı  
(Marmara OAEM Dr. Mehmet ÖZDEMİR)

10:40 Durum tespiti  
(KTÜ – Doç. Dr. Ercan OKTAN)

10:50 İklim parametrelerinin üretimi  
(İTÜ – Prof. Dr. Yurdanur ÜNAL)

11:00 Türkiye Ormanlarının Gelecekteki Durumunun İklim Değişimine Bağlı Ortaya Konması

11:10 Habitat Analizlerinin Gerçekleştirilmesi  
(Maxent - KTÜ ve Biomod - Marmara OAEM)  
(Dr. Lionel Fosso CONSTANTIN ve Orm. Yük. Müh. Erşan SELVİ)

11:20 Gelecekteki Ağaç Türü Yayılışlarının Haritalanması ve Geçiş Matrislerinin Elde Edilmesi  
(KTÜ – Doç.Dr. Uzay KARAHALİL)

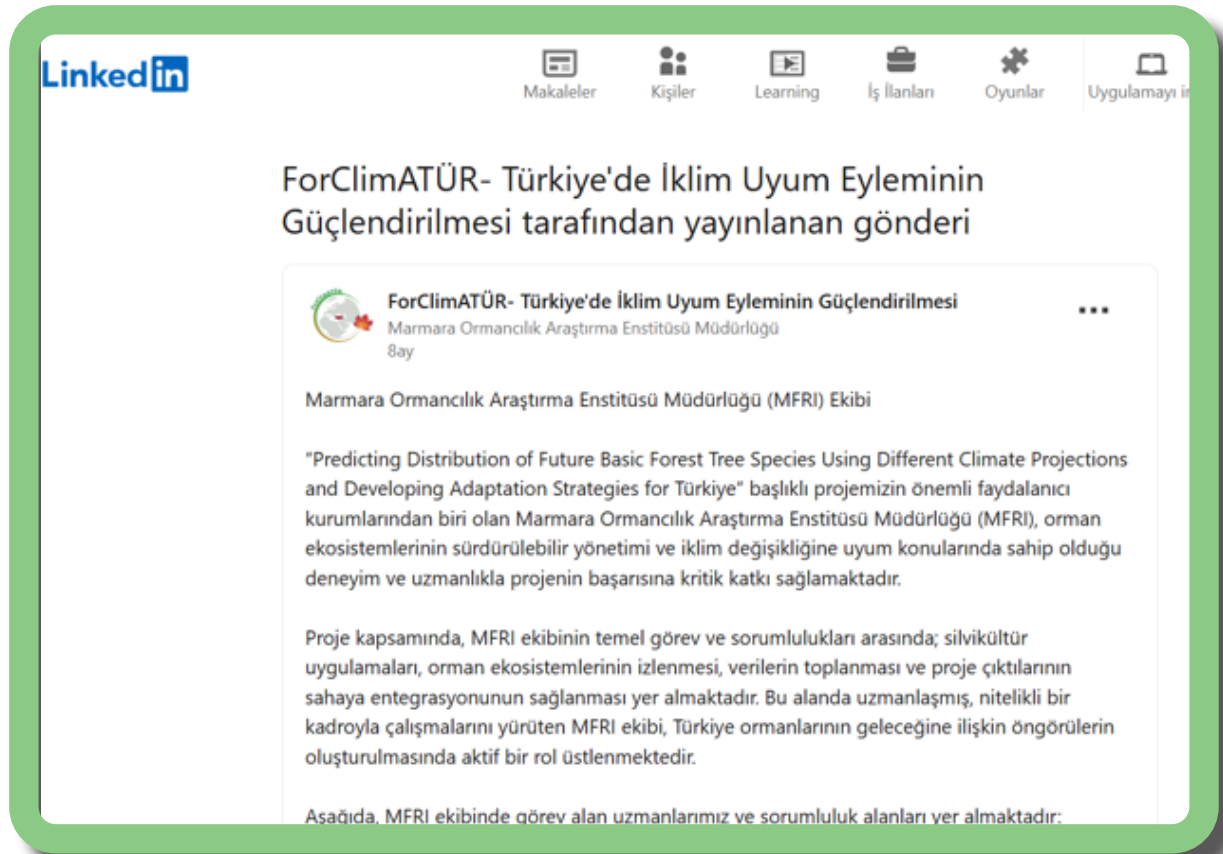
11:30 Adaptasyon stratejilerinin amenajman planlamaları ve silvikültürel uygulamalara aktarılması- Hotspotlar ve buralarda yapılacak ölçümler  
(KTÜ – Prof. Dr. Zafer YÜCESAN)

11:40 Proje Sonuçlarının Yaygınlaştırılması  
(KTÜ – Prof. Dr. Cengiz ACAR)

11:50 Tartışma (Soru-Cevap)



## News and Social Media



**ForClimATÜR- Türkiye'de İklim Uyum Eyleminin Güçlendirilmesi** tarafından yayınlanan gönderi

Marmara Ormancılık Araştırma Enstitüsü (MFRI) Ekibi

"Predicting Distribution of Future Basic Forest Tree Species Using Different Climate Projections and Developing Adaptation Strategies for Türkiye" başlıklı projemizin önemli faydalanıcı kurumlarından biri olan Marmara Ormancılık Araştırma Enstitüsü (MFRI), orman ekosistemlerinin sürdürülebilir yönetimi ve iklim değişikliğine uyum konularında sahip olduğu deneyim ve uzmanlıkla projenin başarısına kritik katkı sağlamaktadır.

Proje kapsamında, MFRI ekibinin temel görev ve sorumlulukları arasında; silvikültür uygulamaları, orman ekosistemlerinin izlenmesi, verilerin toplanması ve proje çıktıların sahaya entegrasyonunun sağlanması yer almaktadır. Bu alanda uzmanlaşmış, nitelikli bir kadroyla çalışmalarını yürüten MFRI ekibi, Türkiye ormanlarının geleceğine ilişkin öngörülerin oluşturulmasında aktif bir rol üstlenmektedir.

Aşağıda, MFRI ekibinde görev alan uzmanlarımız ve sorumluluk alanları verilmektedir:

TR2017 ESOP MI A3 04 / CCAGP / 746

### Climate Change Adaptation Strategies: Reducing the Risks of Flooding and Water Scarcity in Bartın

|                         |                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------|
| <b>Beneficiary</b>      | Bartın University (BARÜ)                                                            |
| <b>Co-Beneficiaries</b> | Bartın Special Provincial Administration (Türkiye)<br>Bartın Municipality (Türkiye) |
| <b>Project Location</b> | Bartın/Türkiye                                                                      |
| <b>Project Duration</b> | 18 Months                                                                           |
| <b>Project Budget</b>   | € 484,030.49                                                                        |



**KARADENİZ TEKNİK ÜNİVERSİTESİ**  
Teknoloji Transferi Uygulama ve Araştırma Merkezi

**haberler**

**KTÜ Ortaklığıyla Hazırlanan Avrupa Birliği Projesi Destek Almaya Hak Kazandı!**

**KARADENİZ TEKNİK ÜNİVERSİTESİ**  
REKTÖRLÜĞÜ

# Project Objective

The objective of the project is to enhance the resilience of Bartın against climate change, and to protect the water resources and ecosystem of the Bartın River basin.

# Project Highlights

To contribute to Climate Change Adaptation,

01

Flood Early Warning System is developed for the Bartın River Basin.

02

Mapping and planning studies are conducted to produce climate change adaptation strategies.

03

Pilot applications are implemented for rainwater harvesting and green roof solutions.

04

Awareness meetings are carried out on the impacts of and responses to climate change.

# Main Project Activities and Outputs

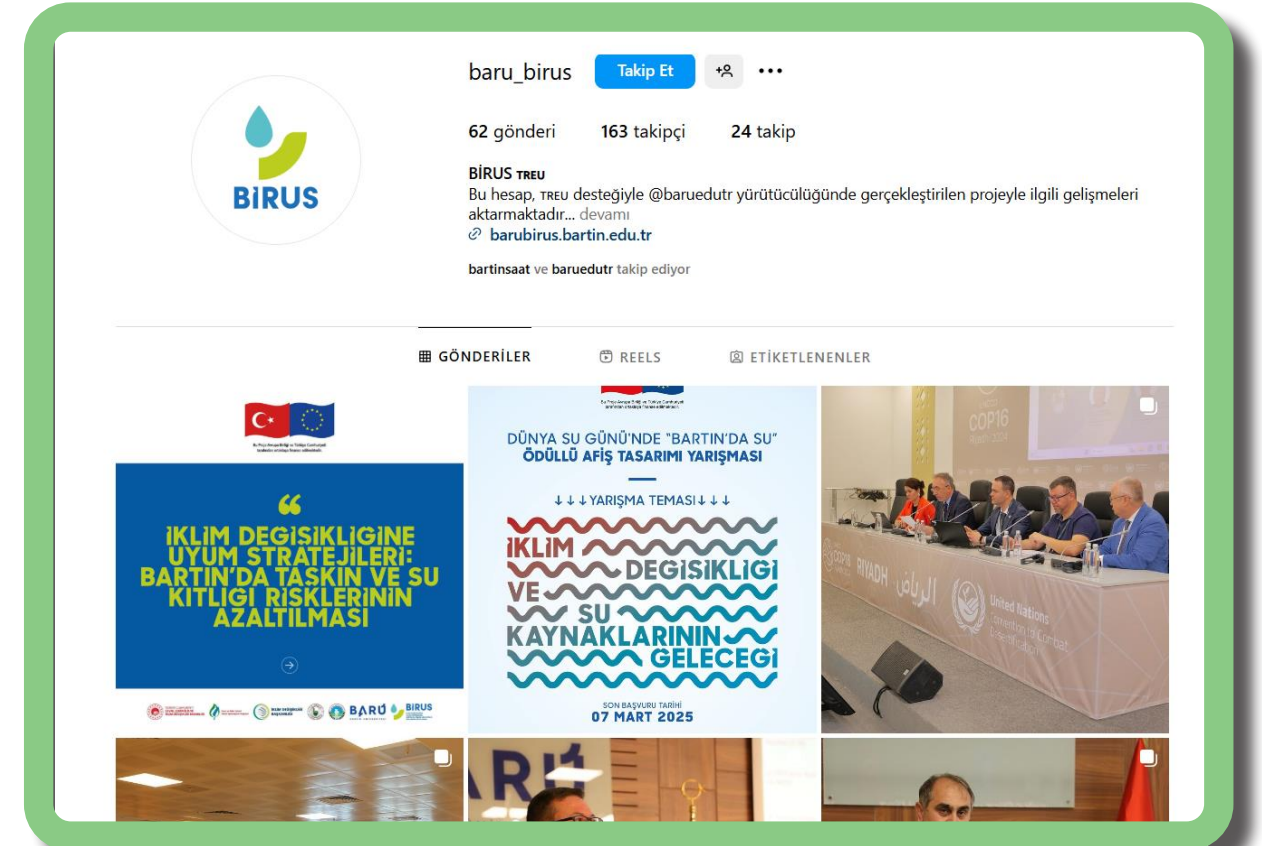
- Flood Early Warning System is established, where 33 river level stations, 32 soil-moisture stations, and 11 rainfall stations were installed, together with 2 meteorological stations pending calibration. These stations transmit data every 5 minutes, achieving real-time monitoring and early warning system at a cost below the planned budget per unit.
- Hydrological and hydrodynamic modeling is developed, and calibration was in progress to enable a mobile early warning platform with a target of providing 1-2 hours lead-time for flood prediction.
- Adaptation mapping and planning are completed, where 17 suitable locations for sediment control structures, 105.93 hectares of planting/afforestation areas, and 11,544 m<sup>2</sup> of candidate green roof areas were identified. In addition, 144.9 hectares of potential reservoir sites and 295.58 hectares of rooftop areas for rainwater harvesting were delineated and integrated into 2025-2029 strategic plans.
- Designs of pilot demonstration systems are prepared, including a 100 m<sup>2</sup> combined rainwater harvesting and green roof system for the municipality, a 600 m<sup>2</sup> system for the university library, and a 100 m<sup>2</sup> rooftop catchment system for a provincial school. Baseline pre-test surveys are conducted at six pilot and control sites with a total of 338 participants.
- Awareness and visibility preparations are carried out, preparation of survey instruments with ethics approval, production of brochures, pens, pads, and cloth bags, and the launch of a project website and social media channels, several seminars and workshops.



*Note: The source material for the Main Project Activities and Outputs is provided by the Interim Technical Reports.*



## News and Social Media





## TR2017 ESOP MI A3 04 / CCAGP / 867

### Adapting Our Future to Climate Change

|                         |                                                                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Beneficiary</b>      | Lifelong Learning, Vocational Education, and Development Association                                                                                                                                           |
| <b>Co-Beneficiaries</b> | İzmir Provincial Directorate of National Education (Türkiye)<br>İstanbul University - Cerrahpaşa (Türkiye)<br>Aegean Forest Foundation (Türkiye)<br>Fundacja Ośrodek Badawczo-Edukacyjny w Zielonowie (Poland) |
| <b>Project Location</b> | İzmir/Türkiye                                                                                                                                                                                                  |
| <b>Project Duration</b> | 12 Months                                                                                                                                                                                                      |
| <b>Project Budget</b>   | € 159,619.80                                                                                                                                                                                                   |



# Project Objective

The objective of the project is to increase climate change adaptation in Türkiye by strengthening community adaptation capacity through a nature- and ecosystem-based education center and program.

# Project Highlights

To contribute to Climate Change Adaptation,

01

An Ecology Education Center is established as a resilience tool against climate change and preparing an education program with a biomimicry approach to increase community resilience and the adaptation capacity of vulnerable groups.

02

Awareness is raised about the protection of natural resources and ecosystems by spreading knowledge and experience exchange at the national and international levels

# Main Project Activities and Outputs

- The project team is established and a kick-off meeting was held in Izmir with 118 participants, ensuring that stakeholders are informed about the project objectives and climate change adaptation.
- Research and curriculum development are conducted with 64 teachers, 109 students, and 122 experts and stakeholders through focus groups and workshops, which led to the preparation of an ecology training curriculum with a biomimicry approach, consisting of two tools (seven workshops and six in-forest stations).
- A study visit and workshop are carried out in Poland with the participation of 8 project staff and partners, where best practice models on climate and forest education are examined, and cooperation with EU institutions is strengthened.
- 13 information-sharing meetings are held and a carbon certificate for 86 travels are secured to ensure climate neutrality.
- The Ecology Training Center (ETC) is physically established through the renovation of a building and the creation of indoor and outdoor training areas, including the installation of a rainwater harvesting system, disability access ramp, 1.5 km walking trail, and 6 outdoor training stations.
- 6 in-forest training stations (Soil, Tree, Carbon and Water Cycle, Forest Animals, Forest Fires, and Climate Change Stations) and educational kiosks, experiment sets, and materials are developed and used in pilot trainings. A Forest Exploration Guide and 377 sets of visibility materials (cloth bags, seed pots, raincoats, caps, and brochures) are distributed to participants. 16 training programs are implemented with 377 participants.
- A Training of Trainers program is held with 76 participants, equipping teachers and volunteers with knowledge and skills on biomimicry and climate adaptation.
- Pilot trainings are delivered to 301 students from 7 districts, who participated in both indoor and outdoor modules. Pre- and post-tests showed a 70.2% increase in adaptation capacity of vulnerable groups.
- The training program impact is evaluated through surveys, interviews, and observations, are shared with the Training Impact Assessment Report.
- The final meeting and opening ceremony of the ETC were held with 128 participants, supported by 92 printed and online news items and 6 social media posts, ensuring broad dissemination.

*Note: The source material for the Main Project Activities and Outputs is provided by the Interim Technical Reports.*

With the project activities,



a total of  
**854**  
participants are reached

Note: The data is provided by the Grant Beneficiaries.

## News and Social Media

DÜNYA

İZMİR'DE EKOLOJİ EĞİTİM MERKEZİ AÇILDI

Tarih: 05.12.2024

Yayın: Dünya / Sf: 13

StxCm: 46,25

Tiraj: 50.160

İl/Periyot: İstanbul / Haftada 6 Gün / Ulusal

R.E (TL): 7.456,13

Erişim: 150.480

### İzmir'de Ekoloji Eğitim Merkezi açıldı

Özlem SARSIN - İZMİR

T.C. Çevre, Şehircilik ve İklim Değişikliği Bakanlığının İklim Değişikliğine Uyum Hibe Programı kapsamında desteklenen "Geleceğimizi İklim Değişikliğine Uyumlaştırma" Projesi, İzmir'de düzenlenen kapanış toplantısıyla tamamlandı. Program çerçevesinde Ege Orman Vakfının Menderes'teki zeytinliğinde kurulan Ekoloji Eğitim Merkezinin açılışı gerçekleştirildi.

cu Üyelerinden Enver Bakioglu ve Sertac Bakioglu, Prof. Dr. Doğanay Tolunay, Bartın Üniversitesi Doç. Dr. Emre Alp, OBEZ'den Dr.Katarzyna Hadas, Dış İşleri Bakanlığı İzmir Temsilciliği AB İşleri Uzmanı Volkan Kocagül katıldı.

Programda konuşan Hayat Boyu Öğrenme Mesleki Eğitim ve Geliştirme Derneği ile Ege Orman Vakfı Kurucu Üyelerinden Sertac Bakioglu, "Artan doğal felaketler ve küresel iklim krizlerine dikkat çekerek şunları söyledi: "Çevremizi, ekosistemimizi ve do-



benimseyerek çocuklarımızı bilinçli bireyler olarak yetiştirmeliyiz." İzmir İl Millî Eğitim Müdürlüğü ile iş birliği halinde olduklarını ifade eden Bakioglu, "Okullarda ve dersliklerde çevre bilincini artırmaya yönelik önemli adımlar atıyoruz. Bu sayede, çocukla-

Ana Sayfa ► İzmir ► İzmir İl Millî Eğitim Müdürlüğünden İklim Değişikliğine Yönelik Proje

### İzmir İl Millî Eğitim Müdürlüğünden İklim Değişikliğine Yönelik Proje

EGEOLAY/Çevre, Şehircilik ve İklim Değişikliği Bakanlığı, Avrupa Birliği ve Dış İlişkiler Genel Müdürlüğü'nün açtığı İklim Değişikliğine Uyum Hibe Programı kapsamında destek almaya hak kazanan 'Geleceğimizi İklim Değişikliğine Uyumlaştırma' projesi tüm hızıyla devam ediyor.



ABONE OL

Google News





# Lessons Learned

The lessons presented in this section were derived from a dedicated consultation meeting with beneficiary institutions. During this event, grant beneficiaries shared their project implementation experiences through presentations and open discussions. The exchange provided a rich body of insights, highlighting both positive outcomes and challenges. Despite differences in project themes and geographical focus, common patterns and lessons emerged, which are summarized below.

## Unexpected Positive Developments

Many institutions achieved results that exceeded their original objectives. These included:

- Greater community ownership and local government involvement,
- Expansion of project relevance into additional sectors, such as agriculture and pest control,
- Strong public demand for expanding project activities beyond initial scope.

Example: A project targeting environmental awareness sparked wide community participation, leading local municipalities to take long-term ownership.

## Conditions Under Which Positive Outcomes Emerged

Positive outcomes were largely supported by:

- Continuous coordination with local stakeholders,
- Inclusion of non-project partners in technical meetings,
- Responsiveness to evolving local demands.

Regular and structured coordination meetings were particularly effective in building trust and adaptability.

## Contribution to Project Objectives, Results, and Outputs

These positive developments reinforced the effectiveness and visibility of project objectives, especially in:

- Building capacity,
- Raising public awareness,
- Strengthening local engagement.

In some cases, projects even expanded their scope by adding new outputs to the original work plan, increasing the project’s value.

## Contribution to Project Sustainability

Sustainability was strengthened through:

- Continued use of project websites and communication tools,
- Local authorities’ willingness to replicate and scale successful interventions,
- Increased capacity and motivation among stakeholders to maintain outcomes beyond project funding.

## Unexpected Negative Developments

Unforeseen challenges included:

- Limited access to critical scientific and administrative data,
- Delays in institutional approvals,

- Local political changes impacting implementation timelines.

These issues varied in intensity but were reported by nearly all institutions.

## Conditions Under Which Negative Developments Occurred

Challenges generally stem from:

- Bureaucratic and inter-institutional coordination barriers,
- Data confidentiality concerns,
- Staffing limitations or institutional restructuring in target areas.

## Impact on Project Objectives, Results, and Outputs

While these challenges created obstacles, they rarely jeopardized overall project results. Mitigation measures such as using secondary data, expert assessments, and adjusting timelines helped safeguard outcomes.

## Impact on Project Sustainability

Despite difficulties, long-term project goals were preserved. Many beneficiaries secured sustainability through digital archiving of project content and continued community-based training sessions after the conclusion of project activities.

## Mitigation Measures Taken

In response to these challenges, institutions took measures such as:

- Establishing multidisciplinary technical teams,
- Engaging independent experts,
- Developing flexible contingency plans.

Such strategies were instrumental in reducing the impact of negative developments.

## Suggestions for Mitigating Future Risks

Beneficiaries suggested that future programs should:

- Recruit experienced teams from the outset,
- Define clearer data-sharing protocols in project guidelines,
- Allocate buffer time and budgets to absorb unexpected delays.

## Recommendations for Future Grant Calls

Grant beneficiaries proposed several recommendations for future calls, including:

- Thematic Expansion:
  - » Climate change mitigation and adaptation,
  - » Nature-based solutions for disaster resilience,
  - » Early warning systems for disaster-prone areas.
- Administrative Improvements:
  - » Simplified application and reporting procedures,
  - » Better integration of local stakeholders in project design phases.
- Sustainability Incentives:
  - » Incentives for projects with clear sustainability plans,
  - » Follow-up mechanisms post-project to evaluate lasting impact.

## Recommendations for Future Implementation

Based on these lessons learned, the following measures were proposed:

- Establish platforms for regular knowledge exchange among beneficiary institutions.

- Strengthen technical support mechanisms, especially for smaller organizations with limited capacity.
- Promote participatory project design involving stakeholders from the outset.
- Ensure continuity of successful initiatives through post-project support and funding linkages.
- Support Scientific and Community Integration: Calls for proposals should encourage initiatives that link scientific research with community outreach, especially regarding pressing issues such as climate change, disaster risk reduction, and ecosystem restoration.
- Improve Access to Scientific Data: Establish data-sharing protocols between public institutions and project implementers to minimize information bottlenecks.
- Strengthen Local Ownership: Promote early and continuous engagement with local governments and stakeholders to build a sense of ownership and long-term sustainability.





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the European Union and the Republic of Türkiye



**iklime uyum**

This publication was prepared with the financial support of the European Union and the Republic of Türkiye.  
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