

TIME AGENDA

SPEAKERS

12.00 – 12.45

CLEANER PRODUCTION IN TURKISH INDUSTRY

MINISTRY OF ENVIRONMENT, URBANIZATION AND CLIMATE CHANGE

Agenda Items/Description of Meeting:

Türkiye carries out studies for the implementation of the Industrial Emissions Directive of EU and the establishment and operation of industrial facilities in accordance with the Best Available Techniques (BAT). With an “Integrated Pollution Prevention and Control” (IPPC), which is a regulatory system that employs an integrated approach to control the environmental impacts of certain industrial activities, considering energy and resource efficiency, cost and environmental gains with the application of cleaner production technologies including BAT.

In this context, “Determination of Industrial Emission Strategy of Türkiye in Accordance with Integrated Pollution Prevention and Control Project” (DIES) Project is being carried out for the establishment of the IPPC system infrastructure.

In this side event, the contribution to the green transformation in Türkiye with the IPPC system will be emphasized, and information will be shared about the studies carried out so far, as well as targets and outputs of the DIES Project. In addition, the representatives of the industry who have implemented cleaner production technologies in their production will present good practices from Türkiye.

Moderator

Onder GURPINAR (physical participant)
Branch Manager, MoEUCC, General Directorate of Environmental Management, Department of Air Management

Speakers

- **Umit Can GUNEL**
General Manager, Beko Egypt LLC
Event Arçelik's Sustainability Roadmap and Success Stories
- **Gokce OTKUN**
Head of Sustainability, Eczacıbaşı Yapı Gereçleri San. ve Tic. A.Ş.
Event Clean Industry Implementations for Better Bathrooms of Future
- **Hasan SEREFHAN**
Director, DYO Paint Factories
Event Sustainable Innovation & Green Production Techniques

13:00 – 14:00

IMPACTS OF CLIMATE CHANGE ON THE GEDIZ RIVER BASIN, TÜRKİYE (TBC)

MINISTRY OF AGRICULTURE AND FORESTRY

Agenda Items/Description of Meeting:

This project was conducted to estimate the future climate conditions and hydrology (2030-2050) of the Gediz River Basin, which is one of Türkiye's vulnerable basins to climate change. GFDL-Earth System Model, one of the CMIP5 General Circulation Models (GCM) product, was dynamically downscaled over the study area under the RCP 8.5 scenario. For the dynamical downscaling, the non-hydrostatic Weather Forecasting (WRF) Model was implemented in this study with a resolution (9 km by 9 km) for future time periods. This presentation, first, aims to present results of the climate model and emission scenario used in this project, followed by the hydrological model simulations of the River Basin.

Speaker

Aslihan KOL
Ph.D, Water Resources Engineer, General Directorate of State Hydraulic Works, Ankara, Türkiye

CLIMATE CHANGE IMPACTS ON WATER RESOURCES AND SNOWMELT (TBC)

MINISTRY OF AGRICULTURE AND FORESTRY

Agenda Items/Description of Meeting:

The projects studied climate change impacts on watersheds in Türkiye, snow cover periods and snowmelt runoff in the Euphrates-Tigris Basin will be shared in the presentation. The presentation will include two main subjects. Firstly, “Climate Change Impacts on Water Resources Project” will be given. The aim of the project was to determine the impacts of climate change scenarios on surface and underground water bodies and to identify the adaptation activities, implementation region based on river basin districts covering whole Türkiye. Secondly, it will be mentioned about Assessment of Climate Change Impacts on Snowmelt and Streamflows Project whose aim is to assess the effects of climate change on snow loads and its melting and consequently the changes in streamflow in Upper Euphrates Basin.

Speaker

Sukru UZUN
Engineer, Republic of Türkiye Ministry of Agriculture and Forestry

CLIMATE ADAPTATION AND MITIGATION RESEARCHES IN AGRICULTURE: TÜRKİYE CASES (TBC)

MINISTRY OF AGRICULTURE AND FORESTRY

Agenda Items/Description of Meeting:

Climate Change Adaptation and Mitigation projects of the General Directorate of Agricultural Research and Policies, which is the R&D department of the Ministry of Agriculture and Forestry in Türkiye, will be presented. There are two main parts in this presentation. First, Climate Change adaptation research projects in agriculture in Türkiye will be mentioned. In the other part, Climate Change mitigation studies in Agriculture will be included. The aims and results of projects such as carbon gas measurements, drought monitoring, climate change resilience studies etc. will be shared.

Speaker

Cantekin KIVRAK
Researcher, Republic of Türkiye Ministry of Agriculture and Forestry

15:00 – 15:45

GREEN TRANSITION IN HEATING SECTOR

MINISTRY OF ENVIRONMENT, URBANIZATION AND CLIMATE CHANGE

Agenda Items/Description of Meeting:

Air pollution caused by heating of buildings is one of the environmental challenges in the metropolitan cities of Türkiye. Heating of buildings in Türkiye is provided by burning fossil fuels, especially coal and natural gas, and biomass (forest and agricultural wastes) in individual or central heating systems. The low quality of coals used for heating (high humidity, ash and sulfur) causes both inefficient combustion of fuel and an increase in the amount of air emissions as a result of combustion. This situation maximizes the air pollution in residential areas in cities due to improper stoves and inconvenient burning methods, especially in houses with individual heating systems.

In line with the Paris Agreement aiming “net zero emission targets for 2053” will also help us to improve air quality and fulfill our obligations arising from the Paris Climate Agreement.

Moderator

Onder GURPINAR
Branch Manager, MoEUCC, General Directorate of Environmental Management, Department of Air Management

Speakers

- **Irde GURTEPE** (virtual participant)
Department Manager, MoEUCC, General Directorate of Environmental Management, Department of Air Management
Event The role of the MoEUCC as national authority
- **Evrin DÖĞAN ÖZTÜRK** (virtual participant)
Senior expert, MoEUCC, General Directorate of Environmental Management, Department of Air Management
Event The role of the MoEUCC as project coordinator
- **Hayati ÖLGÜN** (virtual participant)
Project Manager, Ege University
Event Importance of district heating systems in building heating sector
- **Serdar KOYUNCU**
Branch Manager, Konya Metropolitan Municipality, Department of Environmental Protection and Control,
Event The role of the local government as a key enabler

TIME AGENDA

SPEAKERS

10:00 – 10:45

TÜRKİYE ZERO WASTE PROJECT

MINISTRY OF ENVIRONMENT, URBANIZATION AND CLIMATE CHANGE

Agenda Items/Description of Meeting:

Zero Waste Project aims to leave clean and developed Türkiye and a livable world to future generations through prevention, reduction of waste generation, sorting at source, recycling and saving resources.

Zero Waste Project was initiated by Ministry of Environment, Urbanization and Climate Change in 2017, under the auspices of First Lady Mrs. Emine ERDOĞAN. It is aimed to expand this project to all Türkiye by 2023. Within the scope of Zero Waste Project, By-Law on Zero Waste was entered into force in the Official Gazette dated number 30829 on 12th July 2019. Objective of the Regulation is to recognize the general rules and principles regarding the establishment, dissemination, development, monitoring, financing, recording and certification of the zero waste management system

Speaker aims to share the experiences gained with the Türkiye Zero Waste Project, which was awarded by the international organizations UNDP and the World Bank, with many countries.

Speaker

Sule BEKTAS

Branch Manager, General Directorate of Environmental Management, Department of Zero Waste Implementations

11:00 – 11:45

ECONOMIC EMPOWERMENT OF WOMEN FOR CLIMATE RESILIENCE

ETKIYAP

Agenda Items/Description of Panel:

According to UNFCCC, climate action could only be succeeded, if the entire population is on board. UNFCCC states that empowering women, who are facing disproportionately higher climate-related risks, creates ripple effects and that women are essential for building climate resilience in communities. Thus, capacity building activities and job creation could generate the strongest results when women are integrated and empowered.

The panel aims to discuss the essence of economic empowerment of women with an evidence-based approach in the context of building resilience for natural disasters and climate risks.

The panel exhibits good practices implemented in different regions and sectors of Türkiye, and South Asia where the economic, social and environmental outcomes were measured and reported. Speakers aim to convey their experiences of implementing projects for upskilling and training women for new jobs and providing access to finance for entrepreneurship, and they aim to discuss the positive and measurable impact created through these projects.

Moderator

Safak MUDERRISGIL

President, EYDK (Impact Investing Advisory Board, Türkiye)

Speakers

• Gulin YUCEL

Member of Executive Board, ETKIYAP (Impact Investing Platform)

Event Essence of measuring and reporting impact for an evidence-based approach; Turkish Grameen Microfinance Program- microfinance for women

• Dorottya Maria KISS KALAFAT

General Manager, TEKFEN Foundation

Event Access to finance for women in agriculture: Women Farmers Project

• Orhan GUL

Sustainability Manager, IGA Istanbul Airport

Event Social Investment Program to support local communities: Knitted Doll Project

• Duygu Ercan MOREL

Country Advisor, GLOBESIGHT

Event Global partnerships addressing climate change, global health and gender equality

12:00 – 12:45

THE STORY CHANGES EVERYTHING

YUVAM DÜNYA ASSOCIATION

Agenda Items/Description of Meeting:

Yuvam Dünya aims to discuss the story of the climate crisis from different perspectives by participating in COP27 with its members from the board and the scientific committee as well as Yuvam Dünya's climate ambassador.

Through the panel; the current situation of climate crisis, the ongoing climate action and what needs to be done, how different parts of society perceive the climate crisis and the story of Yuvam Dünya Association will be mentioned based on Speakers' expertise and experience.

The Speakers, each of whom is an expert in a different discipline, aim to discuss the climate crisis through mentioning the story of our generation and will define the fight against the climate crisis through the roles that will change the story.

Moderator

Gonca KARAUC

Yuvam Dünya Board Member

Speakers

• Kivilcim Pinar KOCABIYIK

Chairwoman of the Board and Founding Member of Yuvam Dünya

• Prof. Dr. Levent KURNAZ

Chairman of the Yuvam Dünya Scientific Board, Boğaziçi University

• Burak KUYAN

Galatawind CEO

• Kerem BURSIN

Actor & Yuvam Dünya Ambassador

13:00 – 13:45

HEALTH AND CLIMATE CHANGE

COUNTRY PROFILE - TÜRKİYE LAUNCH EVENT

MINISTRY OF HEALTH

Agenda Items/Description of Meeting:

The Health and Climate Change Country Profile Türkiye Launch Event will be organized by Ministry of Health of Türkiye in partnership with World Health Organization (WHO), on Tuesday, 8 November 2022 at 13:00 – 13:45.

Health and climate change country profile presents a snapshot of country-specific climate hazards, climate-sensitive health risks and potential health benefits of climate change mitigation. The profile is also a key tool in monitoring national health sector response to the risk that climate variability and climate change pose to human health and health systems. By presenting this national evidence, the profile aims to raise awareness of the health threats of climate change within the health sector, other health-related sectors and public, to monitor national health response, support decision-makers to identify opportunities for action. The Launch event aims to provide a platform to discuss impacts of climate change on health at national and global level by Ministry and WHO.

Moderator

Yusuf IRMAK

Head of Department of Relations with International Organizations

Speakers

• (TBC)

Event Health and climate change country profile

• Assoc. Prof. Tufan NAYIR

Consultant, WHO Country Office

Event Health and climate change country profile

• Francesca RACIOPPI

Head of the WHO European Centre for Environment and Health

Event Health and climate change country profil

14:00 – 14:45

GOOD SECTORAL PRACTICES TO CLIMATE CHANGE

CLIMATE CHANGE POLICY AND RESEARCH ASSOCIATION

Agenda Items/Description of Meeting:

Climate Change Policy and Research Association (CCPRA); It aims to carry out studies on the climate change problem in the national and international arena, to contribute to the updating of the country's legislation, to increase and support more efficient and effective studies on the climate change problem in the academic field, including R&D, and to guide our country's policies.

Climate change policy and research association researches and supports good practice examples in Türkiye. To mitigate GHGs, all stakeholders have to part of the progress. In Türkiye, especially the private sector from different industries apply different technics to decrease GHG that produced from their activities. At this meeting, waste management (Akademi Invest), farm (Feyz Farm) and MRV (QSI) sectors will share their good practices in Türkiye.

Moderator

Dr. Baran BOZOĞLU

Chair, Climate Change Policy and Research Association, Türkiye

Speakers

• Piraye GOK

Manager, Akademi Invest Inc.

Event Green Energy: Waste

• Sencer SOLAKOGLU

Founder, Feyz Farm

Event GHG monitoring, reporting and verification at Feyz Livestock Farm

• Okay KAYHANLI

Founder, QSI

Event The Activities of GHG MRV in Türkiye

15:00 – 15:45

AN OVERVIEW OF VOLUNTARY CARBON MARKET IN TÜRKİYE

LIFE ENERJİ

Agenda Items/Description of Meeting:

The presentation is assisting to introduce the voluntary carbon markets in Türkiye and role of it, to sort out the distributions of renewable energy power plants in GHG programs, to analyze the co-benefits of renewable energy power plants in Türkiye with respective of issuances in GHG programs.

The presentation aims to provide an overview of Türkiye's position in the voluntary carbon market, the projects included in the voluntary carbon standards with statistical data, the evaluation of the outputs of the relevant projects' carbon dioxide equivalent emission reduction according to renewable energy source, reduction in cooling water, contribution to employment -via the tool of International Jobs and Economic Development Impacts for Türkiye (I-JEDI)- with co-benefit analysis and evaluation of the studies carried out by Türkiye within the scope of sustainability (carbon footprint and sustainability reporting, etc.).

Speakers

• Hazal Tugce ERBAS

Senior specialist on voluntary carbon markets, Life Enerji

Event Overview of the voluntary carbon markets in Türkiye and role of it

• Irem BILIR

Project developer on voluntary carbon markets, Life Enerji

Event Evaluation of the projects included in the voluntary carbon standards with statistical data

• Kerem ASLAN

Project developer on voluntary carbon markets, Life Enerji

Event Outputs of the co-benefit analyze of renewable energy power plants in Türkiye

TIME AGENDA

10:00 – 10:45

EQUITY-BASED MITIGATION EFFORTS AND FINANCE FOR NEXUS OF SDGs-NDCs**Agenda Items/Description of Meeting:**

The Paris Agreement and the 2030 Agenda for Sustainable Development are the key elements of global sustainability. The UN Sustainable Development Goals (SDGs) and the Paris Agreement have various levels of interdependence, and also effects on economic growth and therefore prosperity. Nationally Determined Contribution (NDC) as the operationalization tool of the common but differentiated responsibilities and respective capabilities (CBDR-RC) principle is one of the building blocks of the Paris Agreement.

While acknowledging the challenging nature of the compilation and evaluation process of NDCs, an approach for exploring the level of NDCs and the CBDR-RC index of the top 60 emitters that account for 90% of total global GHG emissions provide a window for equity-based mitigation effort sharing among all countries. Comparing CBDR and RC indices scores of countries with the type of NDC targets is one of the novel methods for assessing climate justice, too. In addition to indices scores, qualitative assessment of NDCs and long-term strategies (LTS) with selected codes to converge common mitigation policies and actions assist to understand whether a common understanding of multilateral climate language is on the right track or not. According to CBDR and RC indices and the type of NDC target, almost all countries should increase their targets in second or updated NDCs to be aligned with the 1.5 C target of the Paris Agreement.

SUSTAINABLE DEVELOPMENT GOALS WITHIN THE CONTEXT OF RESILIENT STARTUPS AND CLIMATE ACTION IMPACT INVESTING ADVISORY BOARD (EYDK)**Agenda Items/Description of Panel:**

The core motivation of this fireside chat is to uncover Türkiye's potential to become a regional hub for impact investment in the MENA and EECA markets. To that end, Impact Investing Advisory Board, Türkiye (EYDK) and its partners had identified the absence of sufficient demand for impact capital as a major issue. The starting point of such demand is to embrace SDG, and predominantly the Climate Action, for corporate governance and strategies. Thus, EYDK organized an event hosted by Bahcesehir University that brought together four impact-focused funds at different stages (from pre-seed to late and/or M&A-IPO level), 17 startups, and experts for the SDG-alignment workshop with a special focus on Climate Action. Startups and funds had the chance to interact and the event was finalized with the workshop. Its success now leads to new endeavors; an impact acceleration program, more awareness raising and capacity building activities, and periodical, international gatherings of conscious investors and entrepreneurs.

ITMOS, CORRESPONDING ADJUSTMENTS AND VOLUNTARY CARBON MARKET KATAMAN – LIFE ENERJI – GTE CARBON – GAIA CLIMATE – GREEN CONSULT AND FINANCE**Agenda Items/Description of Meeting:**

Internationally Transferred Mitigation Outcomes (ITMOs), which are one of the flexibility instruments defined under the cooperative approaches regulated in Article 6 of the Paris Agreement, are bilateral or multilateral collaborations between voluntary parties without being subject to central control. The participants of such cooperation, which can be implemented in various forms, can be states as well as sub-national administrations. The ITMOs tool, which overlaps to some extent with the emissions trading system, should be used in a way that will ensure environmental integrity and transparency and support sustainable development in the case of reaching National Contributions. More importantly, a robust accounting system needs to be established to avoid double counting of mitigation outputs transferred between parties.

GREEN TRANSFORMATION IN TRANSPORTATION: MOBILITY IN TRANSPORTATION, CYCLING AND MICRO MOBILITY MINISTRY OF ENVIRONMENT, URBANIZATION AND CLIMATE CHANGE**Agenda Items/Description of Meeting:**

In order to contribute mitigation of global warming and climate change impacts, to reduce carbon emissions from transportation, with the objective of enhancing air quality and in the extent of European Green Deal and Net-Zero emission targets; works have been carried out including reducing vehicle emissions, incentives for individual transport mechanisms with alternative fuels and low emissions, dissemination of usage of micro-mobility tools like cycling and shared electric scooter systems.

The studies carried out and the outputs obtained within the scope of the "Future of Micro Electric Vehicles Project" carried out by Ministry of Environment, Urbanization and Climate Change will be realized with the participation of Ankara Hacı Bayram Veli University.

Information will be shared regarding the preparation of Bicycle Road Master Plan and Anatolian Corridor Implementation Projects in Türkiye.

RE-BUILDING GLOBAL STANDARDS IN REPORTING ECOSYSTEM INTEGRATED REPORTING ASSOCIATION TÜRKİYE (ERTA)**Agenda Items/Description of Meeting:**

At COP26, the International Financial Reporting Standards Board (IFRS) announced the establishment of the "International Sustainability Standards Board (ISSB)" to develop comprehensive global reporting standards to put sustainability reporting on the same basis as financial. The Paris Climate Agreement, EU Taxonomy and EU Green Deal Agreement has also triggered this announcement. The transition to a single reporting system, on which integrated reporting will be based, makes it inevitable for every company/institution to take immediate action. As the Integrated Reporting Association of Türkiye, we also take an active part in this transformation process and continue to work effectively on national/international platforms.

In this panel, it is planning to discuss the recent developments about the reporting standards, ESG issues, IFRS consolidation and corporate reporting ecosystems, as well as the future strategies/actions for Türkiye and emerging countries. The panel will also discuss the impact of reporting standards on investors' decision-making and the responsibilities that await companies in corporate reporting.

DETERMINATION OF CLIMATE RELATED FINANCIAL RISKS TURKISH STANDARDS INSTITUTION (TSE)**Agenda Items/Description of Meeting:**

Climate change poses one of the most pervasive risks to our planet and our prosperity. Our presentation provides an overview of conceptual issues related to climate-related financial risk measurement and methodologies. The presentation contains five key findings:

- First, climate-related financial risks have unique features, necessitating granular and forward-looking measurement methodologies.
- Second, to date, measurement of climate-related financial risks by banks and supervisors has centred on mapping near-term transition risk drivers into counterparty and portfolio exposures.
- Third, banks and supervisors have predominantly focused on assessing credit risk, as they advance in applying methods to translate climate-related exposures into categories of financial risk.
- Fourth, while banks and supervisors remain at an early stage of translating climate-related risks into robustly quantifiable financial risk, work continues to gather pace.
- Fifth, key areas for future analytical exploration relate to measurement gaps in data and risk classification methods, as well as methodologies suitable for assessing long-term climate phenomena not always of a standard nature.

GREEN TRANSFORMATION IN EMERGING ECONOMIES: FINANCING LOW CARBON TRANSITION AND ETS INTEGRATED REPORTING ASSOCIATION TÜRKİYE (ERTA)**Agenda Items/Description of Meeting:**

After the European Union (EU) announced its future targets for green transformation and made a carbon taxation system mandatory for countries that will trade with EU countries with the "Border Carbon Regulation Mechanism"; the momentum related to climate change policies in countries, having commercial relations with EU, began to change faster than ever before.

In this panel, it is planning to discuss Türkiye's and emerging countries' adaptation to a low carbon economy, the "EU Green Deal" transition, the "Carbon Border Adjustment Mechanism" and the "Emissions Trading System". The panel will assess the financing needs/instruments for the low carbon climate resilient transitions, the role of financial actors in this regard, the steps to be taken for the development of a sustainable finance ecosystem and resource-efficient economy, and also the importance of reporting non-financial information in an accurate, holistic and transparent format along with financial data, as one of the important requirements in this transition.

SPEAKERS

Speakers

- **Asst. Prof. Dr. Aysegul AK**
Baskent University
Event Nexus Between Climate Change, SDGs and Economic Growth
- **Assoc. Prof. Dr. Izzet ARI**
Social Sciences University of Ankara
Event An Approach for Evaluation of NDCs and GHG Emission Mitigation of Parties in the Paris Agreement

Moderator

Onur ILHAN
PhD, Secretary General, EYDK

Speakers

- **Safak MUDERRISGIL**
President, EYDK
Event the role of EYDK as the Turkish impact investing ecosystem's market enabler and the importance of SDG-alignment as a core step towards impact measurement and management
- **Cem Leon MENASE**
Impact Leader, Founder One
Event the role of Founder One as Türkiye's first early-stage impact fund, its roots in venture philanthropy, and the central theme of Climate Action in their investment thesis
- **Prof. Esra HATIPOGLU**
Advisor to Rector, Bahcesehir University
Event the enabling and intermediating role of the university as a sustainable, innovative hub for startup ecosystem stakeholders and its technology transfer and incubation services
- **Secil KIZILKAYA YILDIZ**
Executive Vice President, Development and Investment Bank of Türkiye
Event as the national DFI that is an Impact Principles signatory, the bank's role in facilitating SDG-led later stage funding (debt markets, venture funds) and expansion (M&A and IPO services)

Moderator

Adeel CHOUDHRY
Head of Origination, Kataman

Speakers

- **Gediz KAYA**
Managing Partner, Gaia Climate
- **Kemal DEMIRKOL**
Managing Partner, GTE Carbon
- **Ramazan ASLAN**
Managing Partner, Life Enerji
- **Yalcin YILMAZ**
Managing Partner, Green Consult and Finance

Moderator

Prof. Dr. Ersin KARAMAN
Lecturer at Hacı Bayram Veli University

Speakers

- **Prof. Dr. Ersin KARAMAN**
Lecturer at Hacı Bayram Veli University
Event Green Transformation in Transportation: Mobility in Transportation, Cycling and Micro mobility
- **Erdem OZER** (virtual participant)
Expert, General Directorate of Environmental Management, Department of Air Management
Event Green Transformation in Transportation: Mobility in Transportation, Cycling and Micro mobility

Moderator

Prof. Dr. Guler ARAS
Founding Chair, ERTA

Speakers

- **Vikas AGGARWAL**
ACCA Regional Head of Public Affairs – Europe, Eurasia, the Middle East and the Americas
Event The global professional accounting body
- **Prof. Dr. Guler ARAS**
Founding Chair, Integrated Reporting Association Türkiye (ERTA)
Event The pioneering national body for aligning global reporting standards
- **Dr. Ndidi NNOLI-EDOZIEN**
Board Member, International Sustainability Standards Board (ISSB)
Event The Global Standards Setter
- **Pauliina MURPHY**
Director, World Benchmarking Alliance (WBA)
Event Represents organizations working at global, regional, and local levels to shape the industries' contributions to achieving the SDGs.
- **Elif Gokce OZ**
Head of Climate Finance and Investment Department, Climate Change Office, Ministry of Environment, Urbanization and Climate Change of Türkiye
Event The Ministerial representative of Türkiye as a key enabler
- **Mehmet SIRIN**
Head of Accounting Standards Department, Public Oversight, Accounting and Auditing Standards Authority
Event The National Standards Setter

Speaker

Dr. Ersin ERCAN
Lead Researcher Turkish Standard Institution, Department of Environmental Surveillance and Verification

15:00 – 15:45

16:00 – 16:45

TIME AGENDA

SPEAKERS

10:00 – 10:45

LOW CARBON PATHWAYS FOR TÜRKIYE'S HARD TO ABATE SECTORS

EUROPEAN BANK FOR RECONSTRUCTION AND DEVELOPMENT (EBRD)

Agenda Items/Description of Meeting:

The European Bank for Reconstruction and Development ("EBRD" or "the Bank") is supporting the Turkish Ministry of Industry and Technology ("MoIT") in developing Low Carbon Pathways ("LCP"), which will set out roadmaps for the progressive decarbonisation of the Turkish Energy intensive industries in line with the Turkish Government's sustainable development and decarbonisation goals.

The low carbon pathways will support the hard to abate sectors to bring down emissions on a large scale and generate a blueprint for the sectoral transformations.

The side event plans to present the efforts and progress so far and results of the initial diagnostics analysis for the decarbonisation of hard to abate sectors of Türkiye.

Moderator

Gianpiero NACCI

Director, Climate Strategy & Delivery, Sustainable Business & Infra, EBRD

Speakers

• Gianpiero NACCI

Director, Climate Strategy & Delivery, Sustainable Business & Infra, EBRD

Event The role of EBRD in developing low carbon pathways for energy intensive industries of Türkiye

• Umit Yasin GUVEN

Head of Metal Industry Department, Ministry of Industry and Technology

Event The importance of low carbon pathways for Türkiye

11:00 – 11:45

SUSTAINABILITY

Speaker

Sertaç DOĞANAY

Director, Climate Strategy & Delivery, Sustainable Business & Infra, EBRD

13:00 – 13:45

CLIMATE FINANCE PRACTICES IN NET-ZERO ECONOMY TRANSITION

DEVELOPMENT INVESTMENT BANK OF TÜRKIYE (TKYB)

Agenda Items/Description of Meeting:

Instances of extreme weather are becoming increasingly frequent and more severe. According to latest IPCC assessments, around 40% of the world's population is "highly vulnerable" to the impacts of climate change and the World will be probably reaching to 1.5 °C global temperature increase before 2040. Accelerating global warming and biodiversity loss threatens the economy and our lives. To preserve a livable climate, greenhouse-gas emissions must be reduced by half by 2030 and to net zero by 2050. Rather than producing a direct impact on combating climate change and transition to a net-zero economy; our Bank aims to produce an indirect impact by playing a supportive and transformative role. In light of this target, we have identified increasing Türkiye's clean energy potential and funding renewable energy projects as strategic priority areas. In this panel we will discuss our development banking mission and climate finance practices in net-zero economy transition.

Speaker

Secil KIZILKAYA YILDIZ

Executive Vice President, Development and Investment Bank of Türkiye (TKYB)

14:00 – 14:45

PRIVATE BANKING SECTOR'S ROLE ON SUSTAINABLE DEVELOPMENT IN EMERGING MARKET: TÜRKIYE'S CASE

GARANTİ BBVA

Agenda Items/Description of Meeting:

For too long, the financial system worked on its own set of principles focused on attracting clients and maximizing short-term profits. These principles, growth within a closed economy, are no longer suitable in a circular and sharing economy focused on customer needs as well as on environmental, social and governance rules. Building on the Bank's Core Values, Garanti BBVA defines sustainability as a commitment to building a strong and successful business for the future, while minimizing negative environmental and social impacts, and sharing long-term values with its customers, shareholders and the communities it operates in. As a financial institution Garanti BBVA is aware of its key role in tackling climate change for a greener future. On this part of the session, Garanti BBVA will elaborate its concrete steps towards the development of Türkiye's sustainable finance market together with public institutions and NGOs collaborations while communicating around the contributions of Türkiye's ambitious sustainable development goals.

Moderator

Sonja GIBBS

Managing Director and Head of Sustainable Finance, Global Policy Initiatives, The Institute of International Finance (IIF)

Speaker

Isil Akdemir EVLIOGLU

Executive Vice President, Garanti BBVA

15:00 – 15:45

THE ROLE OF REGIONAL COOPERATION ON THE ISSUES OF THE CIRCULAR ECONOMY, SUSTAINABLE CONSUMPTION PRODUCTION

MINISTRY OF ENVIRONMENT, URBANIZATION AND CLIMATE CHANGE

Agenda Items/Description of Meeting:

In the side event, it is planned to organize a panel on "The Role of Regional Cooperation in Circular Economy, Sustainable Consumption Production Issues". The following issues will be discussed in the panel;

- The concept of circular economy, which is implemented to contribute to the economy with the zero waste approach developed to reduce the use of raw materials and prevent waste generation,
- Studies on the effective use of raw materials and resources, sustainable consumption, production and extended producer responsibility,
- Technical Assistance Project for Assessment of Türkiye's Potential on Transition to a Circular Economy,
- The impact of the circular economy at the urban level, especially when it comes to energy transition and new energy management models such as energy communities.

Moderator

Mihail DIMOVSKI

Team Leader, DAI Global

Speakers

• Demet ERDOGAN

Branch Manager, General Directorate of Environmental Management

Event Technical Assistance Project for Assessment of Türkiye's Potential on Transition to a Circular Economy

• Rifat Unal SAYMAN

Chairman of the Board, Resource, Environment and Climate Association

Event Sustainable consumption, production and extended producer responsibility

• Dr. Cynthia ECHAVE

Project Coordinator, EMEA, Euro-Mediterranean Economists Association

Event The impact of the circular economy at the urban level

• Ruslan ZHECHKOV

Green Edge Consulting and a Senior Non-key Expert in Climate Financing within the Clima Med project (TBC)

Event The circular economy and climate change policies

16:00 – 16:45

BEST AVAILABLE TECHNIQUES (BATs) In STAR REFINERY

SOCAR TÜRKIYE

Agenda Items/Description of Meeting:

STAR Refinery is Türkiye's only refinery company with refinery-petrochemical integration and also meets approximately 25% of Türkiye's need for processed crude oil products.

STAR Refinery was designed by using techniques mentioned in Best Available Techniques (BATs) developed by the European regulatory framework. During the operation phase, STAR Refinery can contribute to lower emissions by applying these techniques.

BATs which are implemented in STAR Refinery as listed below briefly;

- Reduction methods of NOx, SO2, CO, dust and metal emissions from combustion units
- Prevention/reduction technologies of VOC emissions from tanks
- Prevention/reduction technologies for emissions during loading operation in terminals with Vapour Recovery Unit (VRU)
- Reduction of emissions from flares with Flare Gas Recovery Unit (FGRU) when flaring is unavoidable
- Continuous emission monitoring
- Dust prevention techniques
- Using energy efficiently methods

The aim of this panel is to demonstrate these techniques implemented by STAR Refinery

Speaker

Arzu Akdag KERIMOV

Senior Environmental Specialist, STAR Refinery- SOCAR Türkiye

TIME AGENDA

SPEAKERS

11:00 – 11:45

REFLECTIONS OF COP27 FOR THE INTERNATIONAL INVESTORS OPERATING IN TÜRKİYE INTERNATIONAL INVESORS ASSOCIATION (YASED)**Agenda Items/Description of Meeting:**

In our side event, the concrete steps to be taken following the developments in COP27 will be evaluated from the perspective of the global investment environment and international investors in Türkiye.

Speakers

- **Aysegul DUSUNDERE**
Director of Economic Studies, YASED
- **Serkan VALANDOVA**
General Secretary, YASED

: 12:00 – 12:45

#c.I.e.a.n™ for #USECASEMobility@ TOGG & SIRO SILK ROAD CLEAN ENERGY STORAGE TECHNOLOGIES INC. (SIRO)**Agenda Items/Description of Meeting:**

Togg is a technology and mobility ecosystem provider with a mission to offer user-centric and innovative services built around its smart electric vehicles. Togg plans to launch ecosystem services in 2022 and the first smart devices (C-segment SUV) in Q1 2023 in Türkiye with plans to enter European markets in 2024.

Togg appraises partnerships and agile collaboration with startups as the key to developing an end-to-end and seamless user experience that would reach beyond traditional mobility. Born sustainable, Togg is building a network of assets for a clean mobility ecosystem. In 2021, Togg established a %100 subsidiary company, Trugo Smart Charging Solutions, to ensure the build-up of charging infrastructure in Türkiye. In 2021, Togg made a 50-50% joint venture with American-Chinese battery company Farasis for development of battery technologies and production in Türkiye. Siro Silk Road Temiz Enerji Depolama Teknolojileri A.Ş. (Siro Silk Road Clean Energy Storage Technologies Inc.) is providing energy storage solutions globally where it will offer battery solutions for use in the automotive industry, as well as energy storage solutions to support renewable energy, power grids, charging stations and residential buildings, responsible for 120 countries including Türkiye. Siro is poised to become a major-league player with an annual production capacity of 20 GWh/y including battery cells.

Siro is a global c.I.e.a.n.™ energy storage solutions provider spearheading the c.I.e.a.n.™ transition for our home planet Earth and committed to come together with its ecosystem for Carbon-free Life for Earth And New generations.

Speaker

Naci Ozgur OZEL
General Manager – Commercial, Siro Silk Road Clean Energy Storage Technologies Inc.

13:00 – 13:45

DIMENSIONS OF CLIMATE ACTION THE OFFICE OF THE UN RESIDENT COORDINATOR IN TÜRKİYE / MINISTRY OF TRADE / MINISTRY OF ENVIRONMENT, URBANIZATION AND CLIMATE CHANGE**Agenda Items/Description of Meeting:**

This panel will bring together of different stakeholders aiming to enhance climate action from various perspectives. The intent is to share their experiences in Türkiye as an exemplary way of working collectively with the stakeholders to contribute to the efforts of the Turkish government.

Moderator

Eser PIRGAN MATUR
Ph.D., Development Coordination Officer - Economist, The Office of the UN Resident Coordinator in Türkiye

Speakers

- **Eser PIRGAN MATUR**
Ph.D., Development Coordination Officer - Economist, The Office of the UN Resident Coordinator in Türkiye
Event UN in Türkiye Joins Forces for Climate Action
- **Aytan Esra ZEYREK**
Specialist, Ministry of Trade
Event The Place and the Importance of Cooperatives for Climate Change
- **Mithat EKICI**
Branch Manager, Ministry of Environment, Urbanization and Climate Change
Event WMO Eastern Mediterranean Climate Center Studies of the General Directorate of Meteorology
- **Yeliz TANIS**
Engineer, Ministry of Environment, Urbanization and Climate Change
Event Efficient Systems and Use of Renewable Resources on Building-Scale

14:00 – 14:45

LOW CARBON TRANSITION IN ENERGY SECTOR MINISTRY OF ENERGY AND NATURAL RESOURCES / DEEE**Agenda Items/Description of Meeting:**

The main duties of the energy sector are to ensure supply security and to bring energy costs and foreign dependency in energy to the lowest possible level. The energy sector is also responsible for 70% of greenhouse gas emissions, the main cause of climate change, and is the sector most addressed in line with sustainable development goals. In this direction, an energy transformation has started in our country as well as in the whole world. While ensuring the security of supply of the energy sector with the policies we have implemented in recent years, efforts to reduce the energy imports in order to be affected by the increase in global energy costs at the lowest level, together with the efforts to reduce the carbon footprint of the energy sector and the greenhouse gas emissions it causes are continuing rapidly.

Speakers aim to low carbon transition in energy sector. They will share valuable information on the study, plan and program of their companies and institutions on sustainability and climate change.

Moderator

Busra Sila AKSAKAL
Energy and Natural Resources Expert, Republic of Türkiye Ministry of Energy and Natural Resources

Speakers

- **Kivanc ZAIMLER**
Chairman of the Board, ELDER
Event Distribution System Operator's Role in Energy Transition
- **Ozgur SARHAN**
Head of Energy Security of Supply, Markets and Statistics Department, General Directorate of Energy Affairs, Republic of Türkiye Ministry of Energy and Natural Resources
Event Towards 2053: Türkiye National Energy Plan
- **Mikayil YUSIFOV**
Chief Communications and Government Relations Officer, SOCAR Türkiye
Event Low Carbon Energy Transition and SOCAR Türkiye's Decarbonization Pathway

15:00 – 15:45

INTEGRATION OF RENEWABLE ENERGY INTO THE TURKISH ELECTRICITY SYSTEM WITH THE HELP OF SYSTEM FLEXIBILITY OPTIONS SHURA ENERGY TRANSITION CENTER**Agenda Items/Description of Meeting:**

In the event, the results of SHURA's report on 'Integration of Renewable Energy Resources into the Turkish Electricity System' report will be presented. The study assesses the potential impacts of an accelerated transformation of the power system focusing predominately on variable renewable energies on Türkiye's transmission grid network. The study models the evolution of the Turkish power grid, investigates potential operational challenges, and puts a particular focus on the system integration of variable renewables. The report also shows that it is required to utilize flexibility options in addition to the planned investments in the transmission line for further integration of renewable energy power plants.

Within this context, SHURA will also share the results of a follow-up study focusing on flexibility, aiming to identify the policies and possible actions for enabling power system flexibility options for the wider integration of renewable energy in Türkiye.

Moderator

Umit SAHIN
Dr., Coordinator of Climate Change Studies at Istanbul Policy Center, Sabancı University

Speaker

Alkim BAG
Director, SHURA Energy Transition Center

16:00 – 16:45

IN CONTEXT OF UNFCCC PARIS AGREEMENT AND GLASGOW CLIMATE PACT (PART-I), REFLECTIONS FROM UNCCD COP 15 TO UNFCCC COP 27 AND (PART-II) FIELD STUDIES IN TÜRKİYE ON LDN MINISTRY OF ENVIRONMENT, URBANIZATION AND CLIMATE CHANGE**Part -1: The Reflections from the COP 15 to the COP 27 (20 minutes)**

At UNFCCC COP 26, the fourth of the first nine resolutions taken is titled: "Agreement to protect the world's forests". Under this title, countries have pledged to reverse forest loss, halt land degradation and restore forests by 2030. At UNCCD COP 15 in May 2022, 38 resolutions were adopted on improving drought resilience, reducing land degradation and investing in land restoration efforts. (Some of these resolutions will be listed.) UNCCD launched the UN Decade of Ecosystem Restoration at COP 15. It put forward a final text aimed at strengthening relations with other relevant conventions. "Nature Based Solutions (NbS)" was included for the first time in a Rio Convention resolution. He emphasized that "Land" is a tool that connects the three Rio Conventions. Key issues of desertification, land degradation and drought (DLDD) were addressed. At COP 15, progress was made in the five key thematic areas mandated by UNCCD COP 14: migration, land tenure, sand and dust storms, gender and drought. At COP 15, the UNCCD's Sand and Dust Storms (SDS) Summary booklet was distributed. The parties agreed that SDS is "a global phenomenon that has an impact not only on drylands, but also on our economies, our health, and our environment." At COP 15, the Parties made a joint call that healthy and productive soils are important to secure future prosperity for all. The vital role of women, youth, Indigenous Peoples and local communities in addressing Desertification, Land Degradation and Drought (DLDD) was highlighted. They established a new partnership model for large-scale integrated landscape investment programs. At UNFCCC COP 26, the commitments of the Parties on "Agreement to protect the world's forests" titled "Reversing forest loss, halting land degradation and restoring forests by 2030" were reaffirmed in UNCCD COP 15. And significant progress has been made in working tools and methods in many areas.

Part -2: The Field Studies in Türkiye On LDN (20 minutes)

Türkiye's expectation is that the Ankara Initiative and similar initiatives will become widespread around the world and significant successes will be achieved in LDN. In addition, Article 59 of the Glasgow Climate Pact seeks views from Parties on how to improve climate action on land as part of existing UNFCCC programs and activities. The activities carried out by Türkiye within the framework of the Ankara Initiative are considered to be good examples for the activities requested in Article 59 of the Glasgow Climate Pact.

Part -3: Questions and Answers (5 minutes)**Speaker**

S. Serdar YEGUL
National Focal Point of UNCCD in Türkiye, The Directorate General of Combating Desertification and Erosion (CEM). The Ministry of Environment, Urbanization and Climate Change of Türkiye (CSB)

17:00 – 17:45

STAKEHOLDER ENGAGEMENT TURKISH PACKAGING MANUFACTURERS ASSOCIATION (ASD) / TURKISH STANDARDS INSTITUTION (TSE) / MINISTRY OF ENVIRONMENT, URBANIZATION AND CLIMATE CHANGE**Agenda Items/Description of Meeting:**

Our panel will try to provide a more holistic approach to climate change problems and solutions as the meeting point of representatives from different sectors and stakeholders. In this framework, a panel based on three main topics namely, sustainability of plastics, standardization, and sustainable transition related to climate change will be held.

Moderator

Aslihan ARIKAN
General Secretary, Turkish Packaging Manufacturers Association (ASD)

Speakers

- **Aslihan ARIKAN**
General Secretary, Turkish Packaging Manufacturers Association (ASD)
Event Sustainability Road Map of Turkish Packaging Industry
- **Berna BILDIK**
Senior Engineer, Turkish Standards Institution (TSE)
Event Carbon Neutrality and Net Zero from the Perspective of Standardization
- **Vasif VALI**
Senior Specialist, SOCAR Türkiye
Event Critical Tools in Sustainable Transition: Life Cycle Assessment

18:00 – 18:45

SUSTAINABLE TRANSFORMATION NEED ON SUPPLY CHAIN (ONLINE) ARÇELİK**Agenda Items/Description of Meeting:**

An effective and sustainable management of the supply chain is strategic and must be at the center of all business strategies. As Arçelik, we set our strategy to combat climate crisis according to our approved SBT 2050 NetZero Emission Target in the value chain and we prioritize sustainability throughout our value chain. Accordingly, we extended in-house project further as Supplier Sustainability Data Monitoring and Development Project in collaboration with an independent audit firm.

Digital solutions are crucial for supply chain transformation. Appropriate infrastructure should be established for global developments such as Digital Product Passport.

CBAM will also have significant impacts in our sector as a downstream industry. The scope of CBAM and some critical elements considered to be included should be evaluated according to the complexity it entails.

We believe that to provide a comprehensive system in supply chain transformation, global cooperation, and transparency for decarbonization in industry is necessary.

Introductory Remarks

Fatih OZKADI
Executive Director-Quality, Sustainability and Corporate Affairs

Speakers:

- **Ozlem UNLUER**
Head-Sustainability
Event Supply Chain Transformation Approach on Sustainability
- **Kagan KURTKAYA**
Head-International Regulation Affairs and Compliance
Event Digital Solutions for Supply Chain Transformation
- **Arda ONKOK**
Senior Lead-Trade Policies
Event Critical Elements to Consider on Downstream Approach of CBAM
- **Canan Ergun TAVUKCU**
Director-Sectoral Relations
Event Need for global cooperation and transparency for decarbonization in industry

TIME AGENDA

SPEAKERS

10:00 – 10:45

TACKLING MUCILAGE OUTBREAK IN THE SEA OF MARMARA

MINISTRY OF ENVIRONMENT, URBANIZATION AND CLIMATE CHANGE

Agenda Items/Description of Meeting:

The organic material in a reticulated gelatin structure that occurs periodically in sea water is called mucilage or sea snot. The mucilage that occurred in the spring of 2021 in the Sea of Marmara reached an alarming level. Mucilage has a very complex mechanism and there is no single reason for this kind of formation. However, in 2021, the mucilage problem in the Marmara Sea increased due to environmental pressures such as stagnant weather conditions, rising temperatures, and highly variable nutrient (nitrogen and phosphorus) ratios in the sea content. After the outbreak of the Marmara Sea mucilage crisis, the government quickly took steps to clean the mucilage and reduce pollution discharge into the sea.

The Speaker aims to provide information on the possible causes of musilage, how the mucilage was cleaned, the ongoing studies within the scope of mucilage in the Sea of Marmara, and she aims to convey the country's experiences learned from implementations.

Speaker

Nazan OZYUREK

Head of Marine and Coastal Management Department of the Ministry of Environment, Urbanization and Climate Change, Türkiye

11:00 – 11:45

BLUEING THE MEDITERRANEAN

MINISTRY OF ENVIRONMENT, URBANIZATION AND CLIMATE CHANGE

Agenda Items/Description of Meeting:

In this side event, It is aimed to share successful practices within the scope of Blue Economy studies in Türkiye and Mediterranean Region. Within the scope of the side event, Speakers will share information about the activities in the Mediterranean by the Director of SCP/RAC, Enrique de Villamore, with zero waste blue in our country, monitoring studies in the seas.

Speakers

• Nazan OZYUREK

Head of the Department of Marine and Coastal Management, General Directorate of Environmental Management

Event The role of the ministry as a key enabler

• Sevil OKSUZ

Expert, General Directorate of Environmental Impact Assessment, Permit and Inspection

Event Marine Pollution Monitoring Programme of Türkiye

• Enrique de VILLAMORE

Director, MedWaves-UNEP MAP TBC

Event Blue Economy in the Mediterranean

12:00 – 12:45

CLIMATE BASED MARINE SPATIAL PLANNING AND MANAGEMENT OF COOLING WATERS IN TÜRKİYE

MINISTRY OF ENVIRONMENT, URBANIZATION AND CLIMATE CHANGE

Agenda Items/Description of Meeting:

Marine Spatial Planning (MSP) is defined as a process that analyzes and allocates the spatial and temporal distribution of human activities in marine areas to achieve ecological, economic and social goals determined by a political process.

It is known that due to climate change, global air temperatures are rising and, in parallel, increases in seawater are observed. Mucilage (sea saliva) may occur in the seas due to these increases in seawater temperature, stagnation and anthropogenic effects, especially in recent years. Mucilage, which was known to be seen in the Adriatic and Tirana Seas before, was first recorded in the Marmara Sea in 2007-2008. Within the scope of combating mucilage that re-emerged in the Sea of Marmara in 2021, a 22-item Marmara Action Plan was prepared.

In this side event, Speaker will talk about the studies in Türkiye.

Speakers

• Nazan OZYUREK

Head of the Department of Marine and Coastal Management, General Directorate of Environmental Management

Event The role of the ministry as a key enabler

• Prof. Dr. Baris SALIHOGLU

Director of Institute of Marine Sciences of The METU

Event Management of Cooling Waters

13:00 – 13:45

ENHANCING ADAPTATION ACTION IN TÜRKİYE

UNITED NATIONS DEVELOPMENT PROGRAMME (UNDP)

Agenda Items/Description of Meeting:

Enhancing Adaptation Action in Türkiye Project is at the forefront of efforts aimed at being socially and economically prepared for the changing conditions in ecological, social and economic systems as a result of climate change. The project aims to improve Türkiye's adaptation capacity by identify short- and long-term adaptation actions through strategic planning based on climate change projections. Within the scope of the project, Türkiye's National Adaptation Strategy and Action Plan (Turkish NASAP) is being updated. Local governments are responsible for dealing with all risks and finding local solutions. In this context, urban adaptation strategies and action plans (UASAPs) are also being prepared for 4 cities in Türkiye, designated as the pilot cities of the project: Muğla, Samsun, Sakarya and Konya.

During the event, information on the Climate Change Adaptation Grant Programme (CCAGP), which aims to increase adaptation to climate change and the resilience of communities and cities in Türkiye will also be provided.

Moderator

Diren ERTEKİN

Project Manager, UNDP Türkiye

Speakers

• Ceren Balli GOZEN

Climate Impacts and Modelling Expert

• Omer OZTURK

Grant Manager, UNDP Türkiye

14:00 – 14:45

EFFORTS TO COMBAT CLIMATE CHANGE IN GÖKOVA SEPA (SPECIAL ENVIRONMENTAL PROTECTION AREA)

MINISTRY OF ENVIRONMENT, URBANIZATION AND CLIMATE CHANGE

Agenda Items/Description of Meeting:

Marine Protected Areas (MPAs) is the most effective management tool for protection marine habitat, fish stocks and marine biodiversity. Other hand, MPAs are one of the basic and significant restoration actions for conserving and resilient for future conditions of the marine species and their habitats. The World Diversity 2020 which Türkiye is already a party; has an important target "Coastal countries declare %10 important marine habitats in their marine areas as MPAs." In addition, at least %2 these declared MPAs also need to create and management No Fishing Zones (NFZs) for all type of fisheries.

Ministry of Environment, Urbanization and Climate Change (Directorate General for Protection of Natural Assets) and MCS (Mediterranean Conservation Society) have been working on co-management of the Gökova MPA, marine ecosystem restoration (hard bottom and soft bottom), monitoring endangered species such as Mediterranean monk seal (*Monachus monachus*), sandbar sharks (*Carcharhinus plumbeus*), sea grasses (*Posidonia oceanica*), macroalgae assemblages in Gökova MPAs for 10 years.

Moderator

Inci Tuney KIZILKAYA

Marine Biologist, Mediterranean Conservation Society and Ege University

Speakers

• Vahit ALAN

Conservation and Monitoring Manager, Mediterranean Conservation Society

Event Overview of the Gökova MPAs Conservation and Monitoring Efforts

• Inci Tuney KIZILKAYA

Marine Biologist, Mediterranean Conservation Society and Ege University

Event Overview of the Gökova MPAs Conservation and Monitoring Efforts

15:00 – 15:45

GREEN LIFE LINE OF TÜRKİYE

MINISTRY OF ENVIRONMENT, URBANIZATION AND CLIMATE CHANGE

Agenda Items/Description of Meeting:

This study aims at defining and implementing a methodology to identify ecological corridors (ECs) on the southern half of Türkiye extending from the Southeast (Hakkari) to the West (Izmir). This methodology detects ecological corridors as important spatial structures provide connectivity between living areas for wild species in nature. The project performs connectivity using GIS based Least Cost Path Algorithm methods to bring together all predefined areas such as naturally protected, national parks, regional parks, faunal protection, Ramsar sites based on the landscape components featured by environmental relevance. Habitat Suitability, Ecological Integrity and Ecological Resistance data were combined into LCPA algorithm to determine realistic ECs at 30m resolution. The total distance between east and west is 1800km in total and to provide continues single corridor is almost impossible. However all possible ECs (in total 698 corridors) between predefined protected areas were determined and presented in this study for the first time.

Moderator

Prof.Dr. Mustafa SOZEN

Ekoiz Environment and Zonguldak Bülent Ecevit University

Speakers

• Prof.Dr. Mustafa SOZEN

Ekoiz Environment and Zonguldak Bülent Ecevit University

Event First Attempt to Implement Ecological Corridors in Türkiye

• Murat DOGAN

Senior Biologist, Ekoiz Environment

Event First Attempt to Implement Ecological Corridors in Türkiye

16:00 – 16:45

DETERMINATION OF POSSIBLE TRACES OF ANCIENT LIFE IN OLD LAKE ENVIRONMENT IN MARS JEZERO CRATER BY ADVANCED MOLECULAR SEQUENCING METHOD IN SALDA LAKE SPECIAL PROTECTION AREA (SEPA), TÜRKİYE – METABARCODING

MINISTRY OF ENVIRONMENT, URBANIZATION AND CLIMATE CHANGE

Agenda Items/Description of Meeting:

Mars is the most suitable planet that might embrace the existence of life. Microbialites in Lake Salda are extant representatives of fossils (3.7 Billion years) containing Earth's earliest known life forms. According to NASA, Lake Salda is an analog for Jezero Crater, Mars. In this project, microbial ecology of Lake Salda was examined for clues about possible biosignatures on Mars's surface using 4 different protocols specific to Lake Salda during DNA isolation and Illumina Sequencing. Lake Salda had high biodiversity and Proteobacteria predominated in most of the samples in Lake Salda, which contains important clues in microbial evolution. The first microbial map of Lake Salda and the first gene sequences of organisms in Lake Salda have been obtained for patenting. A qualified database was provided for NASA's work on Mars. Finally, a conservation area plan has been prepared for Lake Salda according to biodiversity and pathogen loads.

Moderator

Prof. Orhan INCE

Project Manager, Environmental Engineer and Microbial Ecologist, İstanbul Technical University (video conference)

Speakers

• Prof. Orhan INCE

Project Manager, Environmental Engineer and Microbial Ecologist, İstanbul Technical University (video conference)

Event Determination of Possible Traces of Ancient Life in Old Lake Environment in Mars Jezero Crater by Advanced Molecular Sequencing Method in Salda Lake Special Environmental Protection Area

Event Determination of Possible Traces of Ancient Life in Old Lake Environment in Mars Jezero Crater by Advanced Molecular Sequencing Method in Salda Lake Special Environmental Protection Area

• Demet SAVAS

Head of Section

Event Overview of the Lake Salda Special Environmental Protection Area (SEPA)

18:00 -18:45

TÜRKİYE ENERGY EFFICIENCY IN PUBLIC BUILDINGS PROJECT

MINISTRY OF ENVIRONMENT, URBANIZATION AND CLIMATE CHANGE

Agenda Items/Description of Meeting:

Energy efficiency is among the key priorities for the energy sector and has important role in combating climate change. The Energy Efficiency of Public Buildings Project will contribute to decrease energy consumption by providing a comprehensive national program for sustainable financing of energy efficiency in public buildings. Accordingly, the Project will help Turkey to enhance its energy independence, to support sustainable and resilient cities, and to improve the sustainability of Turkey's infrastructure assets.

The project objectives are to reduce energy use in central government buildings and inform the development of sustainable financing mechanisms to support a scaled-up, national program for energy efficiency in public buildings.

Attendees aim is to present the project activities, ESCO implementation in public buildings within the project and lessons learned, and expected outputs and main indicators.

Speakers

• Banu ASLAN

General Director of Construction Affairs

Event The role of the ministry as a key enabler in energy efficiency renovations of public buildings.

• Nur DURMAZ

Architect, Environmental and Urbanization Expert, General Directorate of Construction Affairs

Event Lessons learned in the Energy Efficiency in Public Buildings Project

TIME AGENDA

SPEAKERS

10:00 – 10:45

BODRUM MUNICIPALITY**Agenda Items/Description of Meeting:**

Bodrum Municipality, as one of the cities most affected by the effects of climate change, applied to the European Union Commission's "Climate Change Adaptation Mission" call and was selected for the EU Climate Change Adaptation Mission.

Bodrum Municipality established the Climate Change and Zero Waste Directorate in July 2022 in order to take steps towards the European Green Consensus and Climate Neutral Cities target, to take charge with all its stakeholders and to be a partner and support in the implementation of such practices.

At this COP 27 side event, information will be given about the fire and flood disasters due to Climate Change in Bodrum, the difficulties experienced, the precautions taken. ICLEI - Local Governments for Sustainability will share European and global experiences. A panel event will be held to share the suggestions and discuss the global climate crisis.

Moderator**Prof. Dr. Tanay Sidki UYAR**

Bodrum Municipality EU Projects Consultant

Speakers

- **Ahmet ARAS**

Bodrum Mayor

- **Yunus ARIKAN**

Global Advocacy Director at ICLEI

11:00 – 11:45

THE ROLE OF LOCAL GOVERNMENTS IN CLIMATE ACTION**TÜRKİYE MUNICIPALITIES UNION (TMU)****Agenda Items/Description of Meeting:**

The process, which started with the Paris Agreement in 2015, has revealed the importance of local governments in combating the effects of climate change and strengthening the adaptation capacity of cities. Climate Action has become a multi-stakeholder process that operates from the local to the central level, with broad participation.

The increasing reduction and adaptation activities of local governments on climate-related issues such as urban mobility, waste management, energy efficiency in buildings, renewable energy and zero emissions are an integral part of countries' strategies to combat climate change.

Within the scope of the 27th Conference of the Parties (COP27) to be held in Sharm-el Sheikh, Egypt, a 45-minute panel session consisting of a moderator and three speakers is planned to be organized by the Union of Municipalities of Türkiye.

Speakers; will share information on the role of local governments in the fight against climate change, current developments and successful practices from Türkiye and globe at the international and national level.

Moderator**Dr. Hayri BARACLI**

Secretary General, Union of Municipalities of Türkiye

Speakers

- **Fatma SAHİN**

Mayor of Gaziantep Metropolitan Municipality, President of Union of Municipalities of Türkiye (TBC)

Event Local climate applications of Gaziantep Metropolitan Municipality & Role of national unions on climate adaptation

- **Emilia SAIZ**

Secretary General of UCLG (TBC)

Event Localization of climate agenda

- **Mustafa DEMİR**

Mayor of Samsun Metropolitan Municipality (TBC)

Event Reduction and awareness raising, Case of Samsun

- **Yunus ARIKAN**

Director of Global Advocacy, ICLEI

Event Advocacy for local governments at the global stage

- **Osman ZOLAN**

Mayor of Denizli Metropolitan Municipality (TBC)

Event Adaptation and mitigation action plan, Case of Denizli

- **Mehmet SEKMEN**

Mayor of Erzurum Metropolitan Municipality (TBC)

Event Carbon emission inventory for metropolitan cities

12:00 – 13:15

LOCAL CLIMATE POLICIES FOR GLOBAL GOALS AND NATIONAL TARGETS**MARMARA MUNICIPALITIES UNION (MMU)****Agenda Items/Description of Meeting:**

Local governments have an important mission area in the development of climate policies and the implementation of climate actions, the framework of Paris Climate Agreement and Sustainable Development Goals. However, as the increase in uncertainties about the future, including the effects of climate change, exposes cities to sudden and huge changes, more interactive, fast-reacting, and innovative approaches are needed in urban and regional planning. In this respect, local climate change policies and action plans that are compatible with regional dynamics are inevitable in climate roadmap determined at the national scale in order to achieve global goals.

The Marmara Region consists of cities with high urban, industrial and agricultural activity in Türkiye. For this reason, the Marmara Region is considered to have the potential to play a leading role in the combat against climate change and in the development of climate policies.

Moderator**M. Cemil ARSLAN**

Secretary General of Marmara Municipalities Union (MMU)

Speakers

- **Tahir BUYUKAKIN**

President of MMU and Mayor of Kocaeli Metropolitan Municipality

Event Climate Adaptation Capacity and Climate Policies at Regional: Marmara

- **Yucel YILMAZ**

Mayor of Balıkesir Metropolitan Municipality

Event Priorities for Adaptation to Climate Change in Balıkesir: Agriculture and Tourism

- **Hasan AKGUN**

Mayor of Büyükçekmece Municipality

Event Importance of Transnational City Networks in Climate Change Policies

- **Hasan Tahsin USTA**

Mayor of Gaziosmanpaşa Municipality

Event Zero Waste Practices in Local Climate Actions

- **Aysen ERDINCLER**

Head of Department of Environment at Istanbul Metropolitan Municipality

Event Istanbul Climate Vision: Mitigation, Adaptation and Cooperation

14:00 – 14:45

MARITIME DECARBONIZATION & CHALLENGES IN SHIPBUILDING**TURKISH SHIPBUILDERS' ASSOCIATION (GISBİR)****Agenda Items/Description of Meeting:**

Ongoing studies and new requirements all over the world within the scope of Climate Change also closely affect the future of the maritime industry. Ships are subject to the requirements of the International Maritime Organization (IMO) as well as the regional rules in their navigation areas. Currently; regional rules and national requirements such as EU Green Deal requirements will shape shipbuilding industry on a global scale.

Within the scope of the Panel titled "Maritime Decarbonization & Challenges in Shipbuilding"; it is planned to explain; IMO&EU requirements and developments, Turkish National Legislation improvement towards maritime decarbonization, Turkish Shipbuilding Industry projects on low/zero carbon ships which some of them are the Worlds' First Vessels, Best Practice study on decarbonization of Tuzla GISAS Port with The Worlds' First Zero Emission Tug series.

Moderator**Prof. Dr. Mustafa INSEL**

Head of Technical Affairs and R&D Commission, GISBİR

Speakers

- **Prof. Dr. Mustafa INSEL**

Head of Technical Affairs and R&D Commission, GISBİR

Event IMO and EU Approaches in Maritime Decarbonization

- **Nazan OZYUREK**

Head of Department at the Ministry of Environment, Urbanization and Climate Change, General Directorate of Environmental Management, Department of Marine and Coastal Management.

Event Turkish National Legislation Improvement towards Maritime Decarbonization

- **Mehtap OZDEMİR**

Secretary-General, Turkish Shipbuilders' Association (GISBİR)

Event New challenges in Turkish Shipbuilding Industry towards Maritime Decarbonization

- **Gurdogar SARIGUL**

Consultant, NAVTEK

Event Decarbonization Case Study – Decarbonization of Tuzla GISAS Port

15:00 – 15:45

DECODING THE FUTURE NEEDS OF CARBON MARKETS – EFFORTS IN DIGITALIZATION OF CARBON MARKETS**EKI ENERGY SERVICES LIMITED****Agenda Items/Description of Meeting:**

The digital infrastructure keeps verified data secure and guarantees that reductions are reliably tracked. Moreover, it may be one of the promising solutions to decrease global GHG emissions through carbon markets successfully. Objectives present digitalization developments in the carbon market and evaluate digitalization steps observed in the monitoring, reporting, and verification (MRV) and credit trading operations of the voluntary carbon market.

The Speakers aim to present current practices of digitalization in MRD & credit trading operations and promote carbon credit valuation and digitalization of carbon markets.

Moderator**Ramazan Oğuz TOSUN**

Region Head, EKI Energy Services Limited

Speakers

- **Carlos TRUJILLO**

CEO, Cercarbono

Event Carbon Credit Valuation & Digitalization of the Carbon Markets

- **Guðmundur SIGBERGSSON**

Founder and CEO, ICR

Event Carbon Credit Valuation & Digitalization of the Carbon Markets

- **Hugh SALWAY**

Head of MARKETS, The Gold Standard Foundation

Event Carbon Credit Valuation & Digitalization of the Carbon Markets

- **Jesper NIELSEN**

Managing Director and Senior Partner, Boston Consulting Group

Event Carbon Credit Valuation & Digitalization of the Carbon Markets

- **Gilles DUFRASNE**

Policy Lead on Global Carbon Markets, Carbon Market Watch

Event Carbon Credit Valuation & Digitalization of the Carbon Markets

16:00 – 16:45

HIGH LEVEL EVENT: TÜRKİYE'S NDC AND LONG TERM CLIMATE CHANGE STRATEGY PROCESS**UNITED NATIONS DEVELOPMENT PROGRAMME (UNDP)****Agenda Items/Description of Meeting:**

On September 2015, the Republic of Türkiye submitted its Intended Nationally Determined Contribution (INDC) to UNFCCC towards achieving the ultimate objective of the Convention, which is set out in its Article 2 and clarifying information, in accordance with decisions 1/CP.19 and 1/CP.20. In the framework of Paris Agreement, Türkiye set target for greenhouse gas emissions reduction up to 21 percent compared to the Business-As-Usual Scenario by 2030. Türkiye signed Paris Agreement on April 22nd, 2016 and ratified on October 7th, 2021 (published in the Official Gazette dated 07.11.2021, No: 31621).

In this regard Government of Türkiye revised NDC and also preparing Türkiye's Long Term Climate Change Strategy 2050 and Climate Change Action Plan 2023-2030. Strategy and Action Plan will therefore provide an important complement to NDC, in terms of setting out an indicative longer-term, detailed vision and also provide important signals for industry.

Long Term Climate Change Strategy 2050 will play a key role in the transition towards low carbon development and climate resilient economies. Türkiye will determine its long-term goals for climate and development, and direct short-term decision-making to support the necessary shifts to limit global warming under NCCS 2030 and 2050. National Climate Change Strategies also serve as a basis for increasing ambition, including its intended nationally determined contributions.

Türkiye's NDC and 2053 net-zero target with a Long Term Strategy (LTS) will be presented. Mitigation targets projected from 7 primary sectors (energy, industry, waste, buildings, agriculture, transportation and LULUCF) using the TIMES model will be elaborated. Sectoral synergies and mitigation actions determined during NDC and LTS process with a participatory approach will also presented.

Moderator**Nuri OZBAGDATLI**

Portfolio Manager, UNDP Türkiye

Speakers

- **Tugba DINCBAS**

Deputy President, CCO: Ministry of Environment, Urbanization and Climate Change's Efforts on Paris Agreement

- **Louisa VINTON**

UNDP Resident Representative, Türkiye's NDC

revision and Long Term Strategy Journey

- **Harry BOYD-CARPENTER**

EBRD Managing Director, climate strategy, Climate Finance

options in terms of implementation of NDCs and LTS

- **TÜSİAD**

NDC and LTS Implementation-Private Sector Approach

17:00 – 17:45

LOCAL GOVERNMENTS IN COMBATING CLIMATE CHANGE**UNITED NATIONS DEVELOPMENT PROGRAMME (UNDP)****Agenda Items/Description of Meeting:**

Located in the Mediterranean Basin, Türkiye continues to experience the effects of climate change more intensely with each passing day. A significant increase has been observed in the number and severity of disasters, especially in increasing heat waves, drought, floods, storms and forest fires.

Local governments are the most accurate source of information on the effects of climate change, the methods of struggle and needs. Although local governments will not have the power to change everything on their own, they can carry out pioneering activities in promoting citizen participation, sharing current and new methods of struggle, providing academic/public/private cooperation, and creating spaces for information exchange. They have an increasing responsibility over time in the fight against climate change and a strong partnership with local governments is a requirement to build capacity and resilience. Consequently, during the planned side event, we will be sharing both national and international examples of local actions in the fight against climate change.

Moderator**TBD****Speakers**

- **TBD**

Konya Metropolitan Municipality

- **TBD**

Samsun Metropolitan Municipality

- **TBD**

Sakarya Metropolitan Municipality

- **TBD**

Muğla Metropolitan Municipality

18:00 – 18:45

THE EUROPEAN GREEN DEAL AND THE ROLE OF UNIVERSITIES IN**REALIZING CLIMATE NEUTRAL CITIES BY 2030****BEYKENT UNIVERSITY****Agenda Items/Description of Meeting:**

The International Renewable Energy Agency (IRENA) envisions the global transformation in energy for the whole world. Within the scope of the European Green Deal, the European Commission has aimed for the whole of Europe to be climate neutral by 2050 and is taking the related financial and administrative measures.

The missions of "100 Climate-Neutral and Smart Cities by 2030" and "Adaptation to Climate Change: support at least 150 European regions and communities to become climate resilient by 2030" ensure that all stakeholders work together in selected cities of all member states of the European Union and that each stakeholder information, expectations and demands are included in the evaluation.

This is necessary in order to correctly define the problems encountered and to find applicable solutions.

In this context, the Mayors of the Mission cities have to sign the city contract to be prepared on behalf of the whole city with the European Commission.

Accurately informing the stakeholders of the city and preparing them for this interaction imposes great responsibilities on Universities and Research Institutions.

Since it is a total transformation in question, all faculties and departments of universities must determine together and individually in their own fields and produce solutions to all problems.

In this side event, the steps to be taken in order for universities to fulfill this responsibility will be discussed and the actions that have taken place so far will be introduced.

Moderator**Prof. Dr. Tanay Sidki UYAR**

Beykent University, Faculty of Engineering and Architecture

Speakers

- **Prof. Dr. Ali Murat FERMAN**

Rector, Beykent University

- **Prof. Dr. Tanay Sidki UYAR**

Lecturer, Beykent University, Faculty of Engineering and Architecture

- **Carol OLSON**

EUROSOLAR Netherlands

19:00 – 19:45

EUROPEAN UNION CARBON BORDER ADJUSTMENT MECHANISM**EUROPEAN ROUNDTABLE ON CLIMATE CHANGE AND SUSTAINABLE TRANSITION (ERCST)****Agenda Items/Description of Meeting:**

The latest EU CBAM proposal covers five main sectors (cement, iron and steel, aluminium, fertilisers, and electricity), charging the imported goods from third countries, which are neither a part of the EU ETS nor linked. It is expected that the mechanism will commence in 2026. The discussion will involve the recent status of the EU CBAM proposal, as well as its potential consequences for climate and competitiveness.

Speakers

- **Andrei MARCU**

Founder and Executive Director, European Roundtable on Climate Change and Sustainable Transition (ERCST)

- **Michael MEHLING**

Deputy Director, Center for Energy and Environmental Policy Research at Massachusetts Institute of Technology (MIT)

- **Gerassimos THOMAS**

Director General Taxation and Customs Union (DG TAXUD)

20:00 – 20:45

COMBATING CLIMATE CHANGE, EFFICIENT USE OF ENERGY, ENERGY**PLANNING AND THE EXPANSION OF RENEWABLE ENERGY****EUROSOLAR TÜRKİYE****Agenda Items/Description of Meeting:**

With the increasing population and technology development, energy demand and consumption have increased despite the decreasing energy resources worldwide. Therefore, energy system analysis has become an important topic for controlling energy consumption against limited resources over the past decade. Under the leadership of the climate change agreement, governments have issued new environmental regulations on energy consumption and emissions in cities, industrial processes and the maritime sector. In order to optimize energy systems in a way to provide the most cost-effective solution with technical, economic and environmental aspects, there is a need for decision support-based approaches that can be used in comprehensive planning for each region. Within the scope of this activity, both risk and vulnerability examinations; as well as urban energy systems, which form the basis of sustainable energy and climate change action plans, and similarly to provide information about our energy modeling studies developed for our ships. In addition, a presentation will be given on renewable energy, one of the most important issues to be evaluated together with climate change, the effective use of energy.

Moderator**Prof. Dr. Tanay Sidki UYAR**

President, Renewable Energy Association (EUROSOLAR Türkiye)

Speakers

- **Prof. Dr. Tanay Sidki UYAR**

President, Renewable Energy Association (EUROSOLAR Türkiye)

Event Role of Eurosolar Türkiye in Energy Transition

- **Dogancan BESIKCI**

Energy System Modeller, General Secretary Renewable Energy Association (EUROSOLAR Türkiye)

Event Energy Modelling Practices: Importance of Emission Inventories and Risk and Vulnerability Analysis in SECAP Projects

- **Prof. Dr Hasan HEPERKAN**

Istanbul Aydın University, Engineering Faculty Member – Renewable Energy Association (EUROSOLAR Türkiye)

Event New Trends in Building Technologies, Smart Buildings to Meet Climate Neutral Cities

- **Egemen SULUKAN**

Energy System Analysis and Modelling Expert

Event Energy modelling efforts in line with the international regulations

TIME AGENDA

SPEAKERS

10:00 – 10:45

‘AFTER KIGALI AMENDMENT’ – TOWARDS A NATIONAL COOLING PLAN IN TÜRKİYE COOL UP PROGRAMME**UNITED NATIONS DEVELOPMENT PROGRAMME (UNDP)****Agenda Items/Description of Meeting:**

The Programme aims to accelerate the technological change and early implementation of the Kigali Amendment to the Montreal Protocol and Paris Agreement in the MENA region and to promote sustainable cooling specifically in four partner countries: Türkiye, Egypt, Jordan and Lebanon, Jordan. The programme focuses on enabling natural refrigerants and energy efficient solutions to mitigate the effects of rising cooling demand. The Cool Up approach is based on four pillars: reducing cooling demand, phasing down hydrofluorocarbons (HFCs), replacing and recycling inefficient equipment and refrigerants, and training and raising awareness. The project proponents' range of activities falls under three thematic areas which are: development of regional policies and regulations, technological advancements and market upscaling, and financing mechanism and innovative business models that aims ultimately to upscale the market uptake of sustainable cooling technologies and practices.

The session will address the necessary market and paradigm shift to upscale solutions for sustainable cooling. We will provide an overview of sustainable cooling applications employing natural refrigerants and their role in reducing the overall electricity demand and reducing environmental impacts. The session will present Türkiye as a country example to scale up these technologies and implement strategies to realise a catalytic change in the refrigeration and air conditioning sector. The Speakers will also discuss the need to update National Cooling Plan with high sector-specific ambition and financing models for transitioning to sustainable cooling technologies.

Moderator**Nesen SURMELI-ANAC**

Associate Director & Cool Up Programme Manager, Guidehouse

Speakers

- **Katja DINGES**
Associate Director, Guidehouse
Event National Cooling Plan in Türkiye
- **Nuri OZBAGDATLI**
Climate Change and Environment Portfolio Manager, UNDP Türkiye (TBC)
Event NDC and cooling sector relation
- **Meral Mungan ARDA**
Chemicals and Waste Projects Coordinator, UNDP Türkiye
Event Kigali Amendment Ratification by Türkiye
- **Veysel SELIMOGLU**
Engineer, Ministry of Environment, Urbanization and Climate Change (Türkiye)
Event F-Gas regulation change

11:00 – 11:45

EMERGING TECHNOLOGIES AND ENERGY TRANSITION: BARRIERS AND ENABLERS FRO TÜRKİYE TURKCIMENTO + OZYEGIN UNIVERSITY**Agenda Items/Description of Meeting:**

In this side event, our objective is to discuss and analyse the challenges and facilitative actions for adaptation of emerging technologies in hard-to-abate-sectors and for energy transition in the industries of developing economies. As a case study, we selected the cement sector as an example for hard-to-abate-sector to outline the barriers and the potential impact of new technologies on the economic developments of countries like Türkiye.

We will discuss the pros and cons of different technologies, carbon capture and storage methods, and, particularly, the use of hydrogen energy and its potential in the industry. For this, we will outline long-term hydrogen energy transition strategies and their potential impact on the Turkish industry with country specific examples around the World. In addition, new paradigms for the reduction of emissions by carbon capture and storage technologies and their extensive utilization that need to be adapted by different industries.

Moderator**Canan Derinoz GENCEL**

Head of Environment and Climate Change Department of Turkish Cement Manufacturers' Association (TURKCIMENTO)

Speakers

- **Canan Derinoz GENCEL**
Türkçimento
- **M. Pınar MENGUC**
Özyeğin University, Director, Center for Energy, Environment and Economy
- **Canan M. OZSOY**
Özyeğin University

12:00 – 12:45

CIRCULAR ECONOMY PRACTICES ON THE JOURNEY TO NET ZERO CARBON BUSINESS COUNCIL FOR SUSTAINABLE DEVELOPMENT TÜRKİYE (BCSD TÜRKİYE)**Agenda Items/Description of Meeting:**

As BCSD Türkiye, we develop projects and create platforms to ensure circularity holistically in industry, production and the cities we live in because circular economy is one of the most important tools to achieve net-zero emission targets.

Our activities on circular economy started in 2016 with the Türkiye Circular Economy Platform which was established with the funding support of EBRD. We are working now with the Ministry of Environment, Urbanization and Climate Change as consortium partner to develop the national circular economy strategy and action plan compatible with EU circular economy model.

At the panel the details of these projects and the best practices of BCSD Türkiye's members will be discussed.

Moderator**Dr. Kubilay KAVAK**

CEO at Escarus (TSKB Sustainability Consultancy)

Speakers

- **Ebru Dildar EDIN**
Chair at BCSD Türkiye
- **Sevil YILDIZ**
Executive Vice President at TKYB
- **Ebru Senel ERIM**
Corporate Affairs & Communications Director at Unilever Türkiye
- **Murat HEPDURLUK**
Vice CTO (Chief Technical Officer) at Brisa

13:00 – 13:45

INTERACTION OF VOLUNTARY CARBON MARKET AND CARBON PRICING POLICIES EUROPEAN ROUNDTABLE ON CLIMATE CHANGE AND SUSTAINABLE TRANSITION (ERCST) / CLIMATE CHANGE OFFICE**Agenda Items/Description of Meeting:**

The panel discussion consists of five different presentations from five participants as outlined above and is followed by a Q&A Session.

1. The Future of Carbon Markets: What is yet to come? (EBRD*)
2. Article 6 and Emissions Trading Systems: Implications on domestic carbon pricing schemes (IETA)
3. How to utilize Emission Trading Systems to reach net zero? (ICAP)
4. Current developments on EU ETS & Climate Clubs (ICAP & BMWK)
5. Interaction of different carbon pricing instruments: CORSIA, ETS, EU CBAM and Voluntary Carbon Markets (ERCST)
6. Recent developments in carbon pricing and future work in Türkiye (Climate Change Office, Türkiye)

Moderator**Andrei MARCU**

ERCST

Speakers

- **Andrei MARCU**
Founder and Executive Director, European Roundtable on Climate Change and Sustainable Transition (ERCST)
- **Jan-Willem van de VEN**
Head of International Climate Policy and Engagement, European Bank for Reconstruction and Development (EBRD)
- **Dirk FÖRRESTER**
President and CEO, International Emissions Trading Association (IETA)
- **Stefano De CLARA**
Head of Secretariat, International Carbon Action Partnership (ICAP)
- **Dirk WEINREICH**
Co-chair of ICAP and Head of Division 'Climate Legislation, Emissions Trading', Federal Ministry for Economic Affairs and Climate Action (BMWK)
- **E. Kaan MORALI**
Head of Department, Department of Carbon Pricing, Climate Change Office of Türkiye (CCO)

14:00 – 14:45

STRONG LINKAGE BETWEEN CARBON AND ENERGY MARKETS MINISTRY OF ENERGY AND NATURAL RESOURCES / DEEE**Agenda Items/Description of Meeting:**

According to the Intergovernmental Panel on Climate Change's latest report, global emissions need to fall by 43% by 2030 to limit temperatures rising to 1.5°C, requiring rapid reductions across all economic sectors. For that, there are several ways, as regional and worldwide. Carbon pricing, within an integrated policy mix, is a key enabler for guiding economies toward a low carbon pathway. Carbon markets can be considered as a financial product with an environmental consideration which is the limiting the impact of climate change. As the carbon emissions are strongly linked to the type and amount of energy consumption, energy sector has a crucial role on the carbon markets in a way of supporting net zero emission targets.

Speakers aim to discuss strong linkage between carbon and energy markets. They will share valuable information on the study of their companies and institutions on voluntary and compliance carbon markets, green electricity certificates such as YEK-G and I-REC, CORSIA, CBAM, Article 6 of the Paris Agreement, sustainable financing and transparency.

Moderator**Umit CALIKOGLU**

Climate Group Coordinator, Republic of Türkiye Ministry of Energy and Natural Resources

Speakers

- **Jan-Willem van de VEN**
Head of the International Climate Policy and Development, EBRD
Event EBRD support to market based carbon pricing in Türkiye
- **Neslihan TOK**
Sustainability and Communications Supervisor, SOCAR Türkiye
Event In Light of Evolving Carbon and Energy Markets: SOCAR Türkiye's Position in the Carbon Market
- **Omer KIRCALAR**
Strategy and Business Development Manager, Turkish Energy Exchange (EXIST)
Event The Role of Transparency and Environmental Products in Energy Transition
- **Irem BARZILAY**
Sustainable Finance Manager, Garanti BBVA
Event An Overview of Carbon Markets in Energy Sector

15:00 – 15:45

THE NEED FOR RAPID DECARBONIZATION OF METALS KATAMAN**Agenda Items/Description of Meeting:**

Metals are a crucial part of our global economy and infrastructure, but they are responsible for roughly 10% of global GHG emissions, and are one of the "hard-to-abate" sectors. Whether due to costs or chemistry, reducing the negative environmental impact of metals is a difficult task.

As the world begins to transition to clean energy and build sustainable infrastructure, two things are clear: the demand for metals is increasing and these activities will come with a significant upfront carbon cost.

This panel will speak about the current state of the metals industry, discuss current attitudes and efforts towards decarbonization, and solutions for the growing demands and upfront carbon cost of new infrastructure.

Moderator**Harry CRITCHFIELD-JAIN**

Managing Director, Kataman Climate

Speakers

- **Matthew PERLMAN**
Business Development Manager, CRU
- **Adam RAUWERDINK**
PhD, SVP Business Development, Boston Metal

16:00 – 16:45

COSTS AND BENEFITS OF DECARBONIZATION IN TÜRKİYE SABANCI UNIVERSITY ISTANBUL POLICY CENTER**Agenda Items/Description of Meeting:**

Sabancı University Istanbul Policy Center published the first decarbonization pathway study for Türkiye in 2021. The concluding report proved that phasing out coal, reducing emissions, and transforming the economy is possible for Türkiye both in the mid and long term. But soon after it was released, the debate around the report was intensified around the subject of costs and required investments for transition. On the other hand, the cost equation is not confined to investment needs. Phasing out fossil fuel subsidies, avoiding possible future stranded assets of new fossil fuel infrastructure, and reducing health costs are dimensions that need to be considered to have a comprehensive understanding of both the costs and benefits associated with transition.

This new study used the data in the previous report for long-term decarbonization trajectories in Türkiye and calculate the costs and benefits for the first wave of transition that needs to take place until 2030.

Moderator**Umit SAHIN**

Dr., Coordinator of Climate Change Studies at Istanbul Policy Center, Sabancı University

Speaker

- **Ebru VOYVODA**
Professor in the Faculty of Economic and Administrative Sciences, Department of Economics, Middle Eastern Technical University, Mercator-IPC fellow (2022-2023)

17:00 – 17:45

EXPLORING & ESTABLISHING PATHWAY TO TURKISH ETS EARTHOD SERVICES PRIVATE LIMITED**Agenda Items/Description of Meeting:**

Carbon Pricing Mechanisms (ETS and Voluntary Carbon Offset Projects) will be interpreted together with the perspective and experience of regulatory bodies (Gold Standard, Global Carbon Council), project proponents and auditors at the side event that Earthood plans to organize.

Starting with the key steps taken in the design of the Emission Trading System to be established in Türkiye, the different perspectives that will be brought to this subject will be evaluated in line with the experiences of international regulatory institutions, auditors and investors in particular, taking into account the voluntary carbon market practices. Also, within the framework of these experiences, how the sectors to be organized within the scope of ETS can benefit from new and cleaner technologies will be conveyed.

As international cooperation may unlock further emission reduction opportunities, cooperation with other ETSs may result in highly beneficial exchange of experiences and, eventually, in system linking. For his reason, we will welcome a Korean investor to our panel to grasp the lessons learned from the KETS application. We aim that the shared experiences will guide the way towards establishing a more efficient ETS for Türkiye.

Moderator**Archit SRIVASTAVA**

General Manager, Earthood Services Private Limited

Speakers

- **Hugh SALWAY**
Head of Markets, Gold Standard Foundation
Event Exploring & Establishing Pathway to Turkish ETS
- **Amit THUSU**
Senior Director, Global Carbon Council
Event Exploring & Establishing Pathway to Turkish ETS
- **Kyunghwa JEON**
Climate Finance Expert, Korea Investment&Securities
Event Exploring & Establishing Pathway to Turkish ETS
- **Bengisu OZENC**
Director, Sürdürülebilir Ekonomi ve Finans Araştırmaları Derneği
Event Exploring & Establishing Pathway to Turkish ETS

18:00 – 18:45

AN EXAMPLE OF YOUTH PARTICIPATION IN TÜRKİYE: CLIMATE ENVOYS**YOUNG CLIMATE ENVOYS****Agenda Items/Description of Meeting:**

The presentation is about Climate Envoys, an initiative announced by Minister Murat Kurum in November 2021 in Türkiye. After the announced by the Minister, Climate Envoys Movement have been started all over the Türkiye's universities. The Climate Envoys Movement is a step taken to realize Türkiye's goal of becoming a leading country in green transformation, with the young people have climate concerned. In this context, the most important mission of the Climate Envoys is to make the necessary studies for university campuses to be green and climate friendly. In addition, Climate Envoys are the most important movement in Türkiye taken towards enhancing youth participation in decision-making processes related to climate change in national and international platforms.

By the way of this presentation, 4 climate envoys who participate in COP27 representing all Climate Envoys in Türkiye will share the purpose, target, vision, projects, institutionalization process and action plan of the Young Climate Envoys Movement.

Speakers

- **Onat SARITAS**
Climate Envoy, T.C. Ministry of Environment, Urbanisation and Climate Change, Climate Change Office
Event The role of the Climate Envoys in climate change
- **Ceren AKTAS**
Climate Envoy, T.C. Ministry of Environment, Urbanisation and Climate Change, Climate Change Office
Event Institutional process of the Turkish Young Climate Envoys
- **Ecem OCUSLER**
Climate Envoy, T.C. Ministry of Environment, Urbanisation and Climate Change, Climate Change Office
Event Projects of the Turkish Young Climate Envoys
- **Tuncay Mehmet TUMER**
Climate Envoy, T.C. Ministry of Environment, Urbanisation and Climate Change, Climate Change Office
Event Action Plan of the Turkish Young Climate Envoys

19:00 – 19:45

ROAD MAP TO NET ZERO WITH WOMEN RESILIENCE AND SMART ENERGY SOLUTIONS (ENERGY AND WOMEN)**Agenda Items/Description of Meeting:**

On the occasion of "ENERGY THEMATIC DAY" of COP27, the panel aims to underline how women drives Green Innovation at the age of Energy Transition. Women's full participation in renewables is essential for a fair and green future. The transition to energy security and climate-neutrality means we need to close the gender gap to fully involve women in a technical, scientific and business transformation.

Speakers aim to discuss how SDGs and AI technology can be implemented to solve gender related injustice on smart energy transition. England, Türkiye and Egypt will be the main case studies to show positive governmental and social approach in this sector.

Moderator**Selin CALIK**

Climate Change Scientist, London Institute of Directors, Author of "Renaissance of Smart Energy"

Speakers

- **Preeti SINHA**
Executive Secretary at UNCDF
Event "BIGFINTECHS and their SOCIAL & ENVIRONMENTAL CONTRIBUTIONS IN Women Empowerment with New Governance Model"
- **Eng. Maha MOSTAFA**
President of RCREEE Executive Committee, and former director at the Egyptian Ministry of Electricity and Renewable Energy
Event Egyptian approach to smart energy transition and women empowerment
- **Dr Ahmed DAOU**
Professor, British University in Egypt
Event The Empowerment of women in the waste management sector

20:00 – 20:45

SUSTAINABLE CITIES AND RESILIENCE IN TURKISH CITIES (ONLINE)**TULIP SUSTAINABILITY CENTER****Agenda Items/Description of Meeting:**

Physical climate information addresses many changes in our daily lives that also affect cities. From risk to resilience pathway is a pathway in our century. Resilience pathway is required addressing certain dynamics that needs to be managed under the sustainability framework.

Today, some 56% of the world's population live in cities. This trend is expected to continue, with the urban population more than doubling its current size by 2050, at which point nearly 7 of 10 people will live in cities.

Therefore, cities' resilience processes are the pathway during the climate change adaptation period.

In the city schedule, some metropolitan municipalities and municipalities here in Türkiye applied to UNDRR resilience scorecard that is very much addressed to create flexible systems in the city scheduled.

In this presentation focus on promote UNDRR Resilience scorecards for cities and as well as shared some site outcomes under the resilience here in Türkiye.

Speaker**Safak OZSOY**

Tulip Sustainability Center Founder and General Manager

TIME AGENDA

SPEAKERS

10:00 – 10:45

COMBATING CLIMATE CHANGE AND ENVIRONMENTAL LABEL PRACTICES: THE CASE OF TÜRKİYE**MINISTRY OF ENVIRONMENT, URBANIZATION AND CLIMATE CHANGE****Agenda Items/Description of Meeting:**

Environmental label systems are one of the tools under the title of responsible production and consumption for the development goals published by the UN. Both Turkish environmental system and others important ecolabeling systems aim to ensure resource efficiency and waste minimization with the transition to a circular economy, reduce the impact on climate change with low carbon emissions, and promote cleaner production by using the best available techniques. In our side event, we will evaluate the benefits of responsible production in the world and in our country, the effects of environmental labeling practices on climate change and the cleaner production methods applied by producers having environmental labels in our country.

Moderator**Mehrali ECER**

General Manager, General Directorate of Environmental Impact Assessment, Permit and Inspection

Speakers

- **Serkan ATAY**
Environmental Label Division Chief, General Directorate of Environmental Impact Assessment, Permit and Inspection
Event Turkish Environmental Label System
- **Björn Erik LÖNN**
Chair of Board, Global Ecolabelling Network Association
Event Credible product ecolabels are globally fighting climate change
- **Sadan KAPTANOGLU DIKICI**
Turkish Marine Environment Protection Association/ TURMEPA (TBC)
Event Activities of TURMEPA association in combating climate change
- **Ali YONCALAR**
Production Director, VİTRA Ceramic Inc.
Event Clean Production activities of VİTRA firm

11:00 – 11:45

INDUSTRIAL MOVING FORWARDS FOR THE SUSTAINABILITY**ISTANBUL CHAMBER OF INDUSTRY****Agenda Items/Description of Meeting:**

Nowadays, firms are expected to be good corporate citizens that are sensitive to the environment and people, and to adopt good corporate governance practices as a principle. Within the scope of this global transformation in trade and production, industrialists are obliged to take into consideration climate change as a risk factor. In this new industrial race where environmental and social factors are at the center of production, climate change mitigating and adapting strategies should be specified in order to achieve the transition to a low-carbon economic model. Speakers aim to convey sustainability studies, particularly actions against to climate change through their experiences at their firms. Also, good practices of Speakers' firms will be mentioned.

Moderator**Burcin DEGIRMENCIOGLU**

Deputy Secretary General, Istanbul Chamber of Industry

Speakers

- **Mustafa TACIR**
Member of the Board of Istanbul Chamber of Industry and President of Istanbul Chamber of Industry Sustainability Platform
- **Murat HEPDURLUK**
Vice Chief Technical Officer, Brisa
- **Betül Tavacı SAYGILI**
Environmental Legislation and Environmental Management System Leader, Ford Otosan
- **Ozlem VERGON**
Chief Strategy Officer, Şişecam

12:00 – 12:45

DECODING THE FUTURE NEEDS OF CARBON MARKETS – ADDRESSING**DOUBLE COUNTING AND CORRESPONDING ADJUSTMENTS****EKI ENERGY SERVICES LIMITED****Agenda Items/Description of Meeting:**

It can lead to inaccurate market practices and higher global emissions if the mitigation outcome is not protected against double counting by two different actors. Within the scope of the Paris Agreement, suitable arrangements should be made to prevent double counting and accurately reflect the emission balance's transmission. Objectives are Interpretation of Article 6 of the Paris Agreement in terms of the outcomes of the Glasgow Climate Pact and Treatment of Double Counting and Corresponding Adjustments in Voluntary Carbon Markets.

Speakers aim to discuss evaluation of double counting and additionality, which are the main sub-titles of carbon certification and sharing the problems caused by double counting and its possible consequences.

Moderator**Ramazan Oguz TOSUN**

Region Head, EKI Energy Services Limited

Speakers

- **Carlos TRUJILLO**
CEO, Cercarbono
Event Article 6: Double Counting & Corresponding Adjustments
- **Guðmundur SIGBERGSSON**
Founder and CEO, ICR
Event Article 6: Double Counting & Corresponding Adjustments
- **Andrea BONZANNI**
International Policy Director, IETA
Event Article 6: Double Counting & Corresponding Adjustments
- **Hugh SALWAY**
Head of MARKETS, The Gold Standard Foundation
Event Article 6: Double Counting & Corresponding Adjustments
- **Mischa CLASSEN**
Director Carbon Procurement, KliK Foundation
Event Article 6: Double Counting & Corresponding Adjustments
- **Veronika ELGART**
Deputy Head of Section, Head of Bilateral Climate Agreements, Swedish Ministry
Event Article 6: Double Counting & Corresponding Adjustments
- **Jonathan CROOK**
Policy Expert on Global Carbon Markets, Carbon Market Watch
Event Article 6: Double Counting & Corresponding Adjustments

13:00 – 13:45

DEPOSIT MANAGEMENT SYSTEM**TURKISH ENVIRONMENT AGENCY****Agenda Items/Description of Meeting:**

Turkish Environment Agency is in charge of preventing pollution, protecting and enhancing green spaces, improving resource efficiency in line with circular economy and zero waste approaches, and establishment, monitoring and supervision of the deposit management system on a national scale.

Beverage packaging waste in Türkiye accounts for 4-5% of our domestic solid waste by weight, but corresponds to 20-25% by volume. It creates very large part of the wastes that we frequently come across, especially in seas, forests, parks and streets. The deposit management system, which is one of the most efficient systems for the management of waste from beverage packaging, is a crucial application at this point. Speakers will mention following topics under the scope of Deposit Management System; targeted contributions, reasons for transition to the system, transition process, works realized and planned to be carried out, general framework and its implementations.

Moderator**Ahmet DALKIRAN**

Head of Department, Directorate General of Provincial Administration

Speakers

- **Prof. Dr. Huseyin Erdem GORGUN**
Io Environmental Solutions Research and Development
Event General framework, transition reasons, targeted contributions, works realized and planned to be carried out for Deposit Management System
- **Cevdet Hakan ARIKAN**
Chief Business Development Officer, DNS Innovation Systems and Technologies
Event Deposit Information Management System

14:00 – 15:45

GREEN TRANSITION JOURNEY OF THE PRIVATE SECTOR**TURKISH INDUSTRY AND BUSINESS ASSOCIATION (TÜSİAD)****Agenda Items/Description of Meeting:**

With the ratification of Paris Agreement by the Turkish Parliament and the announcement of 2053 Net Zero targets, efforts to transition to low-carbon models with concrete climate targets have further accelerated both in the public sector and in the Turkish business world. The challenge to reach Net Zero is huge, so rapid progress, practical action is mandatory. Businesses will be main driver to reach the net-zero target and provide the vast majority of the required investment.

In this context, we attach great importance to sharing with all stakeholders the highlights of the journey of the Turkish business world towards net zero or carbon neutral; including the roadmaps established towards emissions reduction, how Scope 3 emissions are handled, the steps already taken, efforts to comply with carbon pricing mechanisms and best practices in energy and resource efficiency, along with challenges encountered and the opportunities lying ahead.

Moderator**Fatih ÖZKADI**

TÜSİAD Environment and Climate Change Working Group Leader and Green Deal Task Force Leader, online

Speakers**Slot 1- TÜSİAD Studies on Green Transition (14:00-14:45)**

- **Burcu Otman BEKTAS**
Sustainability Manager at Akçansa, in person
- **Oguzhan AKINC**
Consulting Manager at İnteraktif Çevre, online
- **Fatih MEMIS**
Energy Manager at Arçelik, online
- **Tamer SOYLU**
Environmental and Corporate Responsibility Manager at Zorlu Energy Group, online

Slot 2- Best examples from the Turkish private sector (15:00-15:45)

- **Seda ÇINLAR**
Group Sustainability Manager at Coca-Cola CCI, online
- **Ruhi Cagatay OLKEN**
Strategy and Sustainability Director at TÜPRAŞ, in person
- **Oguzcan BULBUL**
Public Affairs, Sustainability & Communications Director at Abdi İbrahim Pharmaceuticals, in person
- **Nevra AYDOGAN**
Head of Sustainability of Kordsa, in person

16:00 – 16:45

CLIMATE ACTION AND THE IMPORTANCE OF REDUCING PLASTIC USE IN THE**CONTEXT OF CIRCULAR ECONOMY – BUSINESS PLASTICS INITIATIVE****BUSINESS COUNCIL FOR SUSTAINABLE DEVELOPMENT TÜRKİYE (BCSD TÜRKİYE)****Agenda Items/Description of Meeting:**

Business Plastics Initiative (IPG) was founded in 2019 by BCSD Türkiye, Global Compact Türkiye and TÜSİAD, with the aim of accelerating efforts to address the plastics problem and to spread awareness on a broader scale.

Business Plastics Initiative (IPG) is a 3-year (2020 - 2023) voluntary collaboration platform that invites companies to disclose their commitments to plastic waste reduction by 2023. IPG is the first and only multiple stakeholders plastics initiative in Türkiye that brings together the actors in the plastics value chain, the private sector, local governments, and public authorities, investors, NGOs, academia, and citizens.

At the panel the importance of the plastics problem, the effect of the initiative on the climate action agenda and the best practices of the members will be discussed.

Moderator**Ebru Dildar EDİN**

(Chair, BCSD Türkiye)

Speakers

- **Sadiye Bilgic KARABULUT**
Head of Circular Economy and Waste Management Department at the Ministry for Environment, Urbanization and Climate Change (online)*
- **Oguzcan BULBUL**
Public Affairs, Sustainability & Communications Director at Abdi İbrahim
- **Ebru TUZECAN**
Sustainability Coordinator at Koç Holding

17:00 – 17:45

SUSTAINABILITY IN ABDI İBRAHİM**ABDI İBRAHİM PHARMACEUTICALS****Agenda Items/Description of Meeting:**

Acting with the awareness that human health depends on the well-being of our planet, Abdi İbrahim strives to be part of the solution for a better future and to lead the sector in this regard. With its corporate citizen identity, sectoral mission, and social priorities, Abdi İbrahim acts within the framework of respect for humans, nature, and universal values in all its environmental, social, and managerial activities. Abdi İbrahim focuses on integrating sustainability into every link of its value chain. Our actions are shaped around an ESG (Environmental, Social, Governance) standpoint.

The Speaker aims to detail Abdi İbrahim's sustainability strategy, HEAL2030, and share some outstanding projects on schedule. Together with Abdi İbrahim's vision, he seeks to convey the topics such as Abdi İbrahim's target of being a carbon-neutral company by 2030, social investment programs, and sustainable profitability to demonstrate the considerable role of the pharmaceutical industry in addressing future risks.

Speaker**Mustafa Oguzcan BULBUL**

Directorate of Public Affairs, Sustainability, and Communications

19:00 – 20:00

THE TURKISH NATIONAL INTEGRATED MARINE POLLUTION MONITORING PROGRAM (DEN-İZ)**MINISTRY OF ENVIRONMENT, URBANIZATION AND CLIMATE CHANGE****Agenda Items/Description of Meeting:**

Contributions of marine observations to understand, adapt, and mitigate the effects of climate change are important. Marine data is fundamental in planning durable and sustainable adaptation and making solutions. Increased marine knowledge and access to continuous, valid data are critical to understanding and finding ways to address climate challenges.

Turkish National Integrated Marine Pollution Monitoring Program (DEN-İZ) is a huge monitoring program covering all the Turkish seas; Marmara Sea, Mediterranean Sea, Aegean Sea and Black Sea of Türkiye, with a large monitoring network with 423 stations. The program is designed according to the Regional Marine Conventions that Türkiye is a party of Barcelona and Bucharest Conventions and their monitoring programmes, and the related EU directives (MSFD and WFD) adapted according to the national legislation. The program covers most of the pollution and quality components of IMAP and MSFD as well.

With this side event; It is aimed to share the marine monitoring experience that Republic of Türkiye has with the successful national marine monitoring program, which has been carried out in accordance with international standards for many years, regularly and uninterruptedly, working in a standardized manner with the guides developed and wide cooperation with the participation of different marine institutes of Türkiye.

Moderator**Mehrali ECER**

General Director, Republic of Türkiye Ministry of Environment, Urbanization and Climate Change, DG of Environmental Impact Assessment, Permit and Inspection

Speaker**Sevil OKSUZ**

Environment and Urbanization Expert, Republic of Türkiye Ministry of Environment, Urbanization and Climate Change DG of Environmental Impact Assessment, Permit and Inspection, Department of Laboratory, Measurement and Monitoring

Event Turkish National Integrated Marine Pollution Monitoring Program (DEN-İZ)

TIME AGENDA

10:00 – 10:45

**DEPOSIT MANAGEMENT SYSTEM
TURKISH ENVIRONMENT AGENCY****Agenda Items/Description of Meeting:**

Turkish Environment Agency is in charge of preventing pollution, protecting and enhancing green spaces, improving resource efficiency in line with circular economy and zero waste approaches, and establishment, monitoring and supervision of the deposit management system on a national scale.

Beverage packaging waste in Türkiye accounts for 4-5% of our domestic solid waste by weight, but corresponds to 20-25% by volume. It creates very large part of the wastes that we frequently come across, especially in seas, forests, parks and streets. The deposit management system, which is one of the most efficient systems for the management of waste from beverage packaging, is a crucial application at this point. Speakers will mention following topics under the scope of Deposit Management System; targeted contributions, reasons for transition to the system, transition process, works realized and planned to be carried out, general framework and its implementations.

SPEAKERS

Moderator**Ahmet DALKIRAN**

Head of Department, Directorate General of Provincial Administration

Speakers

- **Prof. Dr. Huseyin Erdem GORGUN**

İo Environmental Solutions Research and Development

Event General framework, transition reasons, targeted contributions, works realized and planned to be carried out for Deposit Management System

- **Cevdet Hakan ARIKAN**

Chief Business Development Officer, DNS Innovation Systems and Technologies

Event Deposit Information Management System

11:00 – 11:45

**CLIMATE-RELATED RISKS AND THE ROLE OF FINANCIAL SECTOR IN TÜRKİYE
INDUSTRIAL DEVELOPMENT BANK OF TÜRKİYE (TSKB)****Agenda Items/Description of Meeting:**

The financial institutions are among the leading actors to combat against climate change due to their transformative capacity to and financial support for the investments of sectors that will be directly impacted from climate change. In doing so, the finance industry is focusing on identifying the climate related risks and opportunities, integrating the respective models in its work processes and embodying the direct and indirect effects of its activities raised due to climate change.

Climate change creates both opportunities and challenges for the banking industry. On one hand, the opportunity for banks to finance a green or transition agenda and on the other hand, to use innovative solutions in order to protect their balance sheet from physical and transition risks. Speakers aim to discuss the needed plans and actions of financial sector in Türkiye parallel to the strategic plan on climate change and key challenges on climate-related risks and opportunities.

Moderator**Ms. Ayse NAZLICA**

Sustainability Coordinator, TSKB

Speakers**Keynote****Mr. David CARLIN**

TCFD and Climate Risk Program Lead, UNEP FI

- **Mr. Etkin OZEN**

Senior Financial Sector Specialist, World Bank - IBRD (International Bank for Reconstruction and Development)

- **Mr. Francisco FORTUNY**

Senior Investment Operations Specialist, AIIB (Asian Infrastructure Investment Bank)

- **Ms. Cassilde BRENIERE**

Deputy Director, Operations, AFD (Agence Française de Développement)

- **KfW (Kreditanstalt für Wiederaufbau) (TBC)**

12:00 – 12:45

**NATURE-BASED SOLUTIONS TO COMBAT CLIMATE CHANGE
UNITED NATIONS DEVELOPMENT PROGRAMME (UNDP)****Agenda Items/Description of Meeting:**

Nature-based solutions play an important role in adapting to climate change, creating a sustainable future and social resilience. Nature-based solutions are also involved in supporting SDGs, such as recognizing the benefits of nature, involving nature in decision-making, establishing multi-stakeholder partnerships, and involving communities at risk in the resolution process.

Consequently, in our planned side event, we plan to share national and international examples of nature-based solutions, as well as the 'Nature-Based Solutions Catalogue', created under UNDP's Climate Promise Programme in cooperation with the Turkish Ministry of Environment, Urbanization and Climate Change.

Moderator**Diren ERTEKİN**

Project Manager, UNDP Türkiye

Speakers

- **Cigdem Coskun HEPCAN**

Nature Based Solution Catalogue

- **Ugur ZEYDANLI**

The Nature Conservation Centre

- **Merve GURES**

Presidency of Climate Change the Importance of Nature-Based Solutions in the Context of Urban Resilience and Examples from Türkiye (Online)

13:00 – 13:45

**IMPORTANCE OF ESTABLISHMENT OF A CLIMATE CHANGE RAC FOR MEDITERRANEAN
MINISTRY OF ENVIRONMENT, URBANIZATION AND CLIMATE CHANGE****Agenda Items/Description of Meeting:**

Türkiye wishes to support a new complementary effort in the context of the MAP-Barcelona Convention in response to the impact of climate change in the Mediterranean region through the establishment of a new Regional Activity Centre on Climate Change. The proposed RAC will augment the synergies and complementarity of work of the MAP-Barcelona Convention system with the on-going activities of other regional institutions, also strengthening collaboration and joint efforts with those initiatives.

In this side event, Speaker will talk about the studies in the Mediterranean and will inform the participants about the proposal of the Türkiye.

Speakers

- **Nazan OZYUREK**

Head of the Department of Marine and Coastal Management, General Directorate of Environmental Management

Event The role of the ministry as a key enabler

- **Tatjana HEMA**

Director, UNEP-MAP

Event Climate Change Studies in the MAP

- **Prof. Hakan KARAN**

Chairman of the Board, National Center for the Sea and Maritime Law of Ankara University

Event Proposed RAC in the UNEP-MAP System

14:00 – 14:45

**TOBACCO CONSUMPTION AS AN ENVIRONMENTAL SUSTAINABILITY ISSUE:
ENVIRONMENTAL IMPACT OF TOBACCO PRODUCTS AND PROPOSED SOLUTIONS
THAT COMPLEMENT THE SOLUTIONS FOR ITS NEGATIVE HEALTH EFFECTS
THE TURKISH GREEN CRESCENT SOCIETY (TGCS)****Agenda Items/Description of Meeting:**

The Turkish Green Crescent Society (TGCS) is an NGO that carefully monitors the direct effects of the stress and anxiety caused by climate change on public health and the indirect effects on addictions for the sake of a sustainable future. The society is also involved in advocacy activities to raise awareness of the role of the production and consumption of addictive substances such as drugs, tobacco and alcohol in climate change.

In this side event, the environmental dimensions of tobacco harms will be discussed in terms of subtopics including, but not limited to, air pollution, deforestation and climate change. A debate on taxation as a means to reduce tobacco consumption will be fostered and the results of the Air Quality Monitoring (AQM) study conducted by the TGCS for a 3-month-period between October 2019 and January 2020, will be shared as part of this side event.

Moderator**Sara Evli OZHAN**

Specialist, The Turkish Green Crescent Society (TGCS), International Cooperation Department

Speakers

- **Leonce Dieudonne SESSOU**

Executive Secretary, African Tobacco Control Alliance (ATCA)

Event Impact of tobacco cultivation on soil in terms of the deforestation, biodiversity loss, and food insecurity it causes

- **Yasin EROL**

Deputy Secretary General, The Turkish Green Crescent Society (TGCS)

Event Impact of smoking on air quality, smoke-free spaces and its enforcement Measurement mechanisms such as the Air Quality Monitoring (AQM)

15:00 – 15:45

**TWIN TRANSITION IN GLOBAL SUPPLY CHAIN
(ONLINE)
TURKISH INDUSTRY AND BUSINESS ASSOCIATION (TÜSİAD)****Agenda Items/Description of Meeting:**

Through the Green Deal, the European Union highlights the importance of twin transition. The uptake of green transition can only be applicable with digital transformation. Thus, twin transition, which implies the combination of green and digital transformation, becomes the milestone for the net-zero targets of several countries. Moreover, the restructuring of global supply chains, which have radically affected by recent global developments such as Covid-19, is highly dependent on the efficient implementation of twin transition.

Representing the Turkish business world, TÜSİAD positions the issue of combating climate change as a priority. We attach great importance to twin transition, as one of the most important Moderators of climate neutrality. In this framework, we unwaveringly support the use of digital technologies promoting green transformation through global supply chains. Thus, high-level panel is planned to be organized in order to discuss the role of digital transformation on green transition in Turkish industry and the impact of twin transition on global supply chains.

Moderator**Cevdet ALEMDAR**

TÜSİAD Board Member and Leader of Energy, Environment and Climate Change Roundtable, online

Speakers

- **Fernando CASTELLANOS**

UN Global Compact Head of Climate and Environment, online

- **Huseyin GELİS**

CEO of Siemens Türkiye, online

- **Hakan BULGURLU**

CEO of Arçelik, online

- **M. Pınar MENGUC**

FYE Chair Professor and Director, CEEE/EÇEM, online

- **Durmus TOPCU**

President for Dow Türkiye & Central Asia at Dow Chemical, online

16:00 – 16:45

**TÜRKİYE'S NDC AND LONG TERM CLIMATE CHANGE STRATEGY PROCESS
UNITED NATIONS DEVELOPMENT PROGRAMME (UNDP)****Agenda Items/Description of Meeting:**

On September 2015, the Republic of Türkiye submitted its Intended Nationally Determined Contribution (INDC) to UNFCCC towards achieving the ultimate objective of the Convention, which is set out in its Article 2 and clarifying information, in accordance with decisions 1/CP.19 and 1/CP.20. In the framework of Paris Agreement, Türkiye set target for greenhouse gas emissions reduction up to 21 percent compared to the Business-As-Usual Scenario by 2030. Türkiye signed Paris Agreement on April 22nd, 2016 and ratified on October 7th, 2021 (published in the Official Gazette dated 07.11.2021, No: 31621).

In this regard Government of Türkiye revised NDC and also preparing Türkiye's Long Term Climate Change Strategy 2050 and Climate Change Action Plan 2023-2030. Strategy and Action Plan will therefore provide an important complement to NDC, in terms of setting out an indicative longer-term, detailed vision and also provide important signals for industry.

Long Term Climate Change Strategy 2050 will play a key role in the transition towards low carbon development and climate resilient economies. Türkiye will determine its long-term goals for climate and development, and direct short-term decision-making to support the necessary shifts to limit global warming under NCCS 2030 and 2050. National Climate Change Strategies also serve as a basis for increasing ambition, including its intended nationally determined contributions.

At the side event, Türkiye's NDC revision process and Long Term Strategy preparation process will be presented. 7 sectors including energy, industry, waste, buildings, agriculture, transportation and LULUCF were projected using the TIMES model. Sectoral synergies and mitigation actions determined during both process with a participatory approach will also presented.

Moderator**Nuri OZBAGDATLI**

Portfolio Manager, UNDP Türkiye

Speakers

- **Tugba DINCBAŞ**

Deputy President, CCO: Climate Change Presidency's implementation and future plans

- **Tuba SEYYAH**

Project Manager, UNDP: Türkiye's NDC revision process and Long Term Strategy preparation process

- **Kemal SARICA**

Modelling Consultant at UNDP: Türkiye's NDC Modelling Results

- **Izzet ARI**

Energy and Building Consultant at UNDP: Energy and building sector mitigation actions and approach

- **Ozge KEPENEK**

Industry Consultant at UNDP, Industry sector mitigation actions and approach

17:00 – 18:00

**TÜRKİYE'S LONG TERM CLIMATE CHANGE STRATEGY AND ACTION PLAN COMMUNICATION STRATEGY
UNITED NATIONS DEVELOPMENT PROGRAMME (UNDP)****Agenda Items/Description of Meeting:**

At the side event, The Communication Strategy preparation process under Türkiye's Long Term Strategy will be presented. Türkiye's efforts about communicating Climate Change, Net Zero and LTS will be presented as a model country in preparation and implementation of LTS and road map to net zero target of Türkiye.

Moderator**Nuri OZBAGDATLI**

Portfolio Manager, UNDP Türkiye

Speakers

- **Tugba DINCBAŞ**

Deputy President, CCO: Climate Change Presidency's communication approach, implementation and future plans

- **Bekir AGIRDİR**

General Manager of KONDA, writer and researcher: Public Oppinion on Climate Change inn Türkiye

- **Banu BUYURGAN**

Communication Consultant at UNDP: Türkiye's Communication Strategy on LTS and Net Zero

- **Mete CUBUKCU**

Journalist, Program Speaker in NTV: Media and Climate Change

- **George MARSHALL**

Communicating Climate Change Pathway

18:00 – 18:25

**PLANT BASED TREATY: SOLUTIONS TO CLIMATE CRISIS
YAŞAMDAN YANA ASSOCIATION****Agenda Items/Description of Meeting:**

The presentation is about plant-based solutions to the climate crisis. As a companion to the UNFCCC/Paris Agreement, The Plant Based Treaty initiative is a grassroots campaign started by Climate Save Movement, designed to put food systems at the forefront of combating the climate crisis. Modeled on the popular Fossil Fuel Treaty, the Plant Based Treaty aims to halt the widespread degradation of critical ecosystems caused by animal agriculture and to promote a shift to healthier, sustainable plant-based diets. Individuals, groups, businesses and cities are invited to endorse and adopt the main principles of PBT which are relinquishing animal agriculture, redirecting subsidies to plant-based solutions and restoring critical ecosystems. The road map of the Plant Based Treaty where the Global Methane Assessment is addressed will be presented during the meeting.

Speaker**Nilgün ENGIN**

Yaşamdan Yana Association, President