



## “Net Zero 2053: Energy Sector Policies” Report Released November 2023

Climate change is a global issue requiring international commitment. As the effects of climate change become more visible due to the increase in greenhouse gas emissions in the atmosphere, countries are starting to develop climate-neutral policies by promoting clean



Executive Summary  
Net Zero 2053:  
Energy Sector Policies

technologies to mitigate these effects and prevent a climate crisis.

“Net Zero 2053: Energy Sector Policies” Report Released / November 2023 **1**

“Offshore Wind Energy Tenders: Global Trends and Recommendations for Türkiye” Report Released / October 2023 **2**

SHURA Report Presented at the 12<sup>th</sup> Türkiye Wind Energy Congress / November 2023 **2**

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The transition of energy in all sectors of the economy is essential in the fight against climate change, requiring radical changes at all stages of the value chain. Successful implementation of this transition requires a comprehensive approach to various elements such as policies and regulations, technological advancements, and changing consumption habits in the society.

Publicly implemented policies can be one of the most significant tools affecting all these different elements. Climate change policies implemented worldwide encompass various options such as carbon pricing, incentives for renewable energy, energy efficiency support and standards, policies to increase electrification, regulations in the electric system, and flexibility-enhancing practices. It is crucial to create the right combination from this broad policy spectrum for the faster and less costly completion of the energy transition and decarbonization processes.

This study aims to create various policy recommendations that can be followed in all sectors of the economy in Türkiye to reach the net-zero emission target by 2053, taking into account the current climate and energy policies in Türkiye and global best practices.



Click [here](#) to read the Executive Summary of the report.



## **“Offshore Wind Energy Tenders: Global Trends and Recommendations for Türkiye” Report Released / October 2023**

Prepared in collaboration with the SHURA Energy Transition Center and the Turkish Wind Energy Association (TÜREB), the “Offshore Wind Energy Tenders: Global Trends and Recommendations for Türkiye” report aims to contribute to the design of an effective competition system for the Renewable Energy Zone (YEKA) mechanism for offshore wind energy in Türkiye.

The report examines international examples and provides recommendations on all aspects of the YEKA mechanism auctions, from comprehensive analysis and measurements required for realistic bids to the technical and financial competence of applicants.



Click [here](#) to read the full report.

## **SHURA REPORT SHARED AT THE 12<sup>TH</sup> TÜRKİYE WIND ENERGY CONGRESS / November 7, 2023**



Alkım Bağ Güllü, Director of the SHURA Energy Transition Center, presented the report “Offshore Wind Energy Tenders: Global Trends and Recommendations for Türkiye”, prepared in collaboration with SHURA and the Turkish Wind Energy Association (TÜREB), at the 12<sup>th</sup> Türkiye Wind Energy Congress held in Istanbul on November 7-8, 2023.



Click [here](#) for the session’s video recording.

## AWARD GRANTED TO SHURA BY TTGV! November 2023



SHURA Energy Transition Center was honored with the Mehmet Şuhubi Pioneer Civil Initiative Award from the Türkiye Technology Development Foundation (TTGV). Recognized for pioneering work in climate technologies, SHURA received the award for its research and studies in the fields of energy economics and policies.

TTGV is the first and only foundation established by law in Türkiye to develop international competitiveness of the industry through the development of technology and is pioneering the development of a national climate technology sector by realizing first-of-a-kind climate

technology projects and stimulating the emergence of the market. Through the 2023-2028 period, TTGV will focus on the Climate Technologies and will be working to increase capacity in Türkiye and to contribute to the development of the sector, the establishment of production and supply chains by paving the way for new technologies.

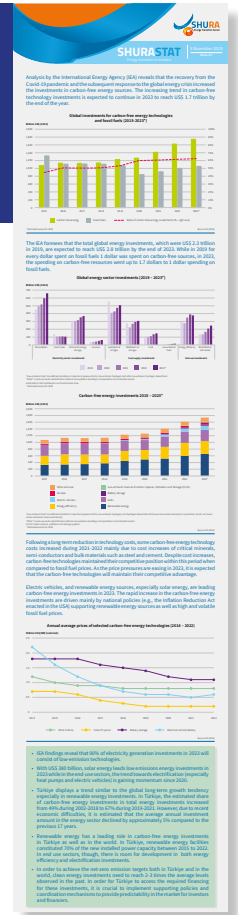
Mehmet Şuhubi Pioneering Civil Initiative Award is given to civil society initiatives that carry out pioneering work in TTGV's focus areas. Since its foundation, SHURA has been a strong part of the debate on transition to a low-carbon energy system in Türkiye through its fact-based analysis and best available data and by addressing the relevant perspectives of its multitude of stakeholders. SHURA has been involved actively in nearly all the relevant policy dialogues carried out for the de-carbonization of the power sector in Türkiye.

# SHURASTAT ISSUE 37 PUBLISHED / November 2023

SHURASTAT's [37<sup>th</sup> issue](#) has been released, drawing attention to topics related to energy transition with selected figures and data from nationally and internationally recognized sources.

The highlighted findings from Issue 37 are as follows:

- The post-COVID-19 recovery process and the subsequent global energy crisis have increased investments in carbon-free energy sources. The total expected investment in these sources is projected to reach \$1.7 trillion by the end of 2023.
- In 2019, for every \$1 spent on fossil fuels, \$1 was spent on carbon-free sources. By 2023, this ratio has increased to \$1.7 spent on carbon-free sources for every \$1 spent on fossil fuels.
- Despite the recent increase in investment costs, carbon-free energy investments maintain a cost advantage over fossil fuels.



## EVENTS ATTENDED BY SHURA

### December 28

YouTube program titled "Assessment of the Year 2023" prepared in collaboration between Istanbul Policy Center (IPM) and Medyascope featured discussions with expert guests on the developments in 2023 in politics, economy, foreign policy, international relations, and climate change, and answers were sought for what could happen in 2024. SHURA Director Alkım Bağ Güllü evaluated the field of energy transformation.



### December 26

SHURA Research Coordinator Hasan Aksoy delivered a speech titled "Just Transition to Renewable Energy Sources" at the Eskişehir Climate Summit organized by Eskişehir Metropolitan Municipality and UCTEA EMO Eskişehir Branch on December 25-26, 2023.



**December 21**

Urgent action plans to be implemented regarding major emission sources such as energy, industry, transportation, agriculture and buildings for Türkiye's route to net zero in 2053 were discussed by all stakeholders at the "Climate Change and the Future of Cities" conference organized by KTO Karatay University in Konya.

SHURA Senior Energy Analyst Yael Taranto delivered a speech on "Industrial Transition" at the conference.



**December 17**

SHURA Energy Transition Center was among the supporting institutions of the Climate and Economy Conference 2023, organized by the Economic Journalists Association (EGD) in Sapanca on December 16-17, 2023. SHURA Director Alkım Bağ Güllü delivered a speech on the "Can Solar and Wind Meet Our Needs?" topic and Research Coordinator Hasan Aksoy discussed "Milestones of the Energy Transition."



**December 14**

SHURA Director Alkım Bağ Güllü moderated the expert panel discussion "Green Transition: Growth Opportunities and Challenges Across Sectors of Turkish-German Business Cooperation" at the Climate Talks event of German Embassy and the German-Turkish Chamber of Industry and Commerce, held in Istanbul.

**December 7**

SHURA Research Coordinator Hasan Aksoy presented SHURA's white paper on "Strengthening the Electricity System Against Natural Disasters" at the 14<sup>th</sup> Energy Symposium organized by TMMOB in Ankara.

**December 1**

SHURA Research Coordinator Hasan Aksoy presented SHURA's work in the field of hydrogen by participating in the "From Research to Application: Clean Hydrogen" session at the symposium organized by the Chamber of Chemical Engineers of TMMOB in Ankara.

**November 28 - 29**

Policy recommendations outlined in the "Net Zero 2053: Energy Sector Policies" report, addressing Türkiye's path to achieving the net-zero emissions target by 2053, were announced at the 13<sup>th</sup> Türkiye Energy Summit. Sena Serhadlıoğlu, Senior Energy Analyst at SHURA, presented a detailed overview of the report on November 28, 2023.



Click [here](#) to watch the video recording of the presentation.

SHURA Energy Transition Center Research Coordinator Hasan Aksoy also participated as a speaker to the 13<sup>th</sup> Türkiye Energy Summit. Aksoy shared findings from SHURA's studies regarding the role of hydrogen in Türkiye's energy transition, at the Hydrogen Technologies and Market Session.

**November 21**

SHURA Research Coordinator Hasan Aksoy participated in the Green Energy Summit with a speech at the panel titled "Energy Outlook in Türkiye and at the World Panel, in collaboration with ATP GreenX, the Energy Digitalization Association (EDİDER), and the Energy Traders Association.

**November 17**

SHURA Director Alkım Bağ Güllü moderated a panel at the XVII. Swiss-Turkish Economic Forum in Istanbul. The panel aimed to spotlight the critical theme of 'Renewable Energy - Powering a Safer Future: Why Green Energy Makes Economic Sense'.

**November 16**

SHURA Energy Transition Center took part in the 17<sup>th</sup> EIF World Energy Congress and Fair held in Istanbul. SHURA Director Alkım Bağ Güllü moderated the panel on the role of storage technologies as part of energy transition. Senior Energy Analyst Yael Taranto discussed 'Global Net Zero Target, the Green Deal, and the CBAM Implementation', while Energy Analyst Ahmet Acar participated in the German-Turkish Energy Cooperation Session.

**November 8**

Energy Analyst Ahmet Acar participated in a session at the International Green Buildings and Cities Summit'23 organized by the Turkish Green Building Council (ÇEDBİK). During the summit, Ahmet Acar shared SHURA's work on the decarbonization of cities rebuilt due to natural disasters and the future of buildings in these cities in the session titled 'The Future of Istanbul'.

**November 7**

SHURA contributed to the agenda of decarbonizing energy in two panels at the 12th Türkiye Wing Energy Congress held in Istanbul on, 2023. Alkım Bağ Güllü presented the recently published report 'Offshore Wind Energy Tenders: Global Trends and Recommendations for Türkiye' prepared in collaboration with the Turkish Wing Energy Association (TÜREB). Also, Hasan Aksoy shared findings from SHURA's green hydrogen research during the panel.

**November 2**

SHURA Research Coordinator Hasan Aksoy delivered two separate presentations at the VII. National Congress and Exhibition of Electrical Installations, held in Izmir. The presentations titled "Net Zero 2053: Roadmap for the Turkish Electricity Sector" and "Strengthening the Electricity System in the Face of Natural Disasters".

**October 27**

SHURA Director Alkım Bağ Güllü participated as a speaker at the 5th Turkish-German Energy Forum called The Future of Energy: Challenges, Opportunities and New Perspectives. Within the framework of the Forum aimed at strengthening collaboration for transitioning to a climate-neutral energy system, Alkım Bağ Güllü shared SHURA's vision and work in the field during the "Decarbonization of the Energy Sector and Ensuring Energy Supply Security" panel.

**October 6**

At the event titled "Climate Change in the Eastern Mediterranean: Green Transition to a Low Carbon Economy Based on Renewable Energy," organized by TEPAV (Economic Policy Research Foundation of Turkey), SHURA Director Alkım Bağ Güllü delivered a speech at the panel on "Overview of Turkey and Necessary Actions."

## SHURA REPORTS IN PREPARATION

- Renewable Energy Supply Agreements
- Net Zero 2053: Socioeconomic Impact Analysis
- Net Zero 2053: Just Transition and Socioeconomic Policies
- Impact of Electric Vehicles on the Grid and Smart Charging
- Battery Energy Storage Options for Türkiye
- Application Areas of Green Hydrogen in Türkiye
- Türkiye Energy Transition Outlook 2023

## SHURA IN THE PRESS

**29.12.2023**

[Cumhuriyet: We are polluting!](#)



**28.12.2023**

[Bloomberg HT "Üst Düzey"](#)

**24.12.2023**

[Ekonomist: "Energy Transition Could Lead to Economic Development"](#)

**22.12.2023**

[Gas & Power: "Industrial Sector Consumes the Highest Energy in Türkiye"](#)

**22.12.2023**

[Gas & Power: "Türkiye Has Huge Potential in Hydrogen"](#)

**19.12.2023**

[Hürriyet: Green Transition Could Lead to Economic Development](#)

**19.12.2023**

[BloombergHT.com: "Green Transition Funds Provide An Opportunity"](#)

**19.12.2023**

[Türkiye: Türkiye Could Turn Green Transition Into Economic Development](#)

**19.12.2023**

[Nasıl Bir Ekonomi: "Climate Should Be Considered For Development"](#)

**19.12.2023**

[Dünya: "Türkiye Needs Investments Worth \\$15 Billion"](#)

**19.12.2023**

[Aydınlık: Green Transition Opportunity For Development](#)

**19.12.2023**

[Yeni Birlik: "Türkiye Could Turn Green Transition Into Economic Development"](#)

**18.12.2023**

[Gazete Duvar: Climate and Economy Conference was Held in Sakarya](#)

**18.12.2023**

[Haberturk.com: Türkiye Solar and Wind Energy Sectors Were Discussed at the Climate and Economy Conference](#)

**18.12.2023**

[Analiz: Green Transition Could Lead to Economic Development](#)

**18.12.2023**

[SonDakika.com: Türkiye's Green Transition Potential](#)

**18.12.2023**

[Haberler: Türkiye's Green Transition Potential Was Discussed](#)

**1.12.2023**

[Enerji ve Çevre Dünyası: Fundamental Changes Needed for Energy Transition](#)

**29.11.2023**

[Hürriyet: Consumer Demand is the Driving Force Behind the Transition](#)

**29.11.2023**

[Önce Vatan: SHURA Energt Transition Center Announced New Report](#)

**1.11.2023**

[Inbusiness: Pioneering Force](#)

**1.11.2023**

[Enerji ve Çevre Dünyası: "YEKA Auctions Have Critical Importance for Türkiye's Offshore Wind Energy"](#)



**1.11.2023**

[Rüzgâr Enerjisi: How To Organize YEKA Auctions for Türkiye's Offshore Wind Energy](#)

**30.10.2023**

[Green Power: "CBAM Started With Measurement and Reporting"](#)

**30.10.2023**

[Green Power: "YEKA Auctions Have Critical Importance for Türkiye's Offshore Wind Energy"](#)

**19.10.2023**

[Green Power: The Increase in Energy Transition Investments Create New Employment Opportunities](#)

Please find all the information on current activities and publications of SHURA Energy Transition Center on [shura.org.tr](http://shura.org.tr). By registering on the website, you can subscribe to SHURA's e-newsletter.

Additionally, you can follow SHURA on social media platforms such as Twitter, Facebook, Instagram, and LinkedIn.

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Bize ulaşmak için:  
[shura@shura.org.tr](mailto:shura@shura.org.tr)