



“Industrial Policy Alternatives for Türkiye Within the Framework of a Just Transition” Report Released January 2024

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The [report](#), unveiled on January 24th, delves into decarbonization through a developmental lens and puts forth policy recommendations concerning the ramifications of transitioning to a low carbon economy on key industrial sectors.

Industrial operations stand out as significant contributors to carbon emissions in both developed and developing nations. It is increasingly apparent that formulating industrial policies in conjunction with trade, transportation, and financial policies is essential, given the multifaceted impacts spanning the industrial value chain from input supply to product transportation, trade, and distribution.

In Türkiye, industrial activities alone account for approximately 35 percent of final energy consumption. Yet, when factoring in related activities such as product transportation and storage, this share is estimated to escalate to 50 percent. Türkiye holds a unique position due to the current configuration of its industrial landscape, presenting an opportunity to intertwine economic development with environmental sustainability. The nation’s industrial structure, characterized by low technology, low value-

added, and carbon intensity, lies at the core of macroeconomic challenges like persistent trade deficits and the middle-income trap.

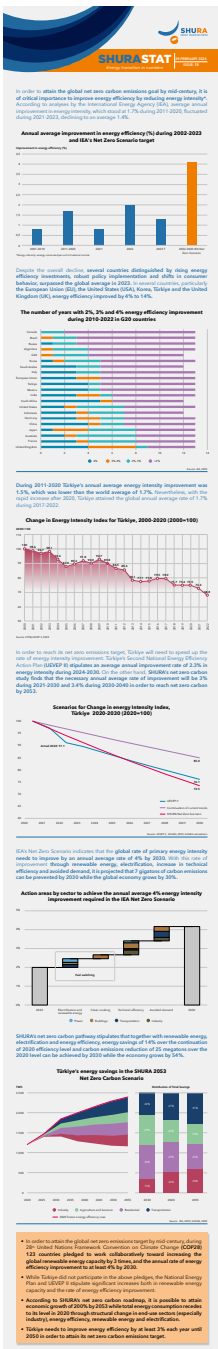
For Türkiye, a rapid transition toward a higher technology and higher value-added industrial product composition overlaps more strongly with a green transition paradigm than many comparable countries. Insufficient production in fundamental and strategic sectors heightens reliance on imports, while production capacity surpasses domestic demand in energy and carbon-intensive sectors, stimulating exports and exacerbating emissions growth. Shifting production from low value-added and energy/carbon intensive sectors toward higher value-added and higher technology areas will reduce energy intensity, contributing simultaneously to sustainable development and de-carbonization.

In pursuit of economic development and decarbonization objectives, the “New Inclusive Industrial Paradigm” outlined in the report goes beyond sector-specific growth or green/twin-transition-focused policies. It incorporates industry, transportation, finance, and trade policies aligned with sustainable development and growth and holds promise for enhancing competitiveness while facilitating a just transition.



“Offshore Wind Energy Tenders: Global Trends and Recommendations for Türkiye” Report is Published in English February 2024

On February 9th, SHURA unveiled the English version of its report titled [“Offshore Wind Energy Tenders: Global Trends and Recommendations for Türkiye”](#) developed in partnership with the Turkish Wind Energy Association (TWEA). This publication is designed to aid in shaping an efficient tender system for Türkiye’s offshore wind energy YEKA mechanism. The study meticulously evaluates international best practices and offers recommendations covering all aspects of YEKA competitions.

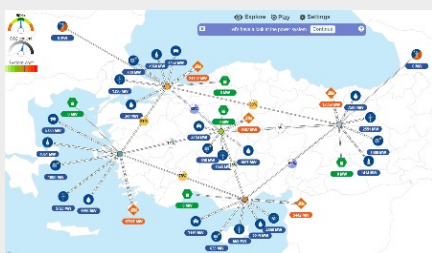


NEW ISSUE OF SHURASTAT PUBLISHED FEBRUARY 2024

The latest issue of SHURASTAT, released on February 29, focuses on the pivotal role of energy efficiency worldwide and in Türkiye in achieving the net zero carbon target. Here are the key insights from [Issue 38](#):

- According to analyses by the International Energy Agency (IEA), average annual improvement in energy intensity, which stood at 1.7% during 2011-2020, fluctuated during 2021-2023, declining to an average 1.4%.
- Despite this overall decline, several nations, distinguished by increased investments in energy efficiency, robust policy enforcement, and shifts in consumer behavior, surpassed the global average in 2023. Notably, countries such as the European Union (EU), the United States (USA), Korea, Türkiye, and the United Kingdom (UK) witnessed energy efficiency improvements ranging from 4% to 14%.
- Türkiye's average annual energy intensity improvement during 2011-2020 was 1.5%, slightly lower than the global average of 1.7%. However, with a rapid increase post-2020, Türkiye achieved the global annual average rate of 1.7% during 2017.
- To meet its net zero emissions target, Türkiye will need to speed up the pace of energy intensity improvement.

SHURA Power Flow Simulator Updated with A New Scenario February 2024



SHURA released an update to the [Power Flow Simulator](#) with an additional scenario on February 15. Through a simplified web-based simulation of the Turkish electricity system, this new scenario allows website visitors to explore the storage of surplus electricity generated from renewable sources using batteries. Additionally, it enables users to simulate the delivery of stored electricity from batteries to the grid during periods of high demand.

SHURA EVENTS

“Industrial Policy Alternatives for Türkiye Within the Framework of a Just Transition” Stakeholder Meetings / January - February 2024



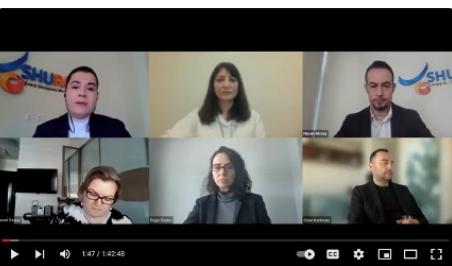
SHURA Energy Transition Center organized two stakeholder meetings to discuss the findings of the “Industrial Policy Alternatives for Türkiye Within the Framework of a Just Transition” report.

The first meeting took place on January 12, drawing 50 delegates from prominent industry associations including the Turkish Industry & Business Association (TÜSİAD), Turkish Enterprise and Business Confederation (TÜRKONFED), and the Turkish Metal Industrialists’ Union (MESS). Notable representatives from leading companies spanning diverse sectors actively engaged in the roundtable discussion, offering insights and feedback on the policy proposals delineated within the report.

The second stakeholder meeting, conducted online on February 9, convened approximately 40 representatives from both public and industry authorities. Following a concise presentation of the report, participants engaged in an exchange of opinions and policy recommendations concerning the implications of transitioning to a low-carbon economy for critical industrial sectors. The attendees comprised representatives from key ministries, including the Ministry of Industry and Technology, Ministry of Energy and Natural Resources, Ministry of Treasury and Finance, Presidency of Strategy and Budget, and Ministry of Environment Directorate of Climate Change. Additionally, participants included representatives from international organizations such as The World Bank, UNDP, GEF Türkiye, and the Industrial Development Bank of Türkiye (TSKB), alongside various industrial sectoral organizations.

The insights gleaned from these two roundtable discussions will be consolidated into a follow-up report, which will be publicly announced via a dedicated event. The report was also announced via a [press release](#) to national and sectoral media.

“Net Zero 2053: Policies for the Energy Sector” Webinar / January 2024



The “[Net Zero 2053: Policies for the Energy Sector](#)” report, encompassing policy recommendations aimed at achieving Türkiye’s net-zero emissions target by 2053, was presented to stakeholders through a [webinar](#) organized by SHURA on January 4. The event commenced with an opening speech by SHURA Director Alkım Bağ Güllü, followed by a comprehensive overview of the report delivered by SHURA’s Senior Energy Analyst Sena Serhadlıoğlu.

Additionally, a panel discussion titled “The Role of Net Zero Policies: Accelerating Transformation” was held, moderated by Hasan Aksoy, SHURA’s Research Coordinator. The panel featured the participation of Canan Özsoy, Independent Board Member and Advisor; Özge Özeke, Secretary General at Solar 3GW; and Ozan Korkmaz, Founding Partner at APlus Enerji.

“Türkiye’s Energy Transition: 2023 Assessment and 2024 Projections” Press Roundtable / January 2024



In pursuit of shedding light on developments from 2023 and offering projections for 2024, SHURA hosted its annual press roundtable, inviting journalists from both national and sector-specific publications. Spearheaded by Selahattin Hakman, Chair of the SHURA Steering Committee, and Alkim Bağ Güllü, SHURA Director, the roundtable convened on January 10. During the session, an assessment of Türkiye’s energy transition in 2023 was presented, alongside expectations for 2024. Following the meeting, a [press release](#) was circulated, encapsulating key messages and highlights from the roundtable discussion.

“Offshore Wind Energy Tenders: Global Trends and Recommendations for Türkiye” Launch / February 2024

The report was unveiled on February 9 at a hybrid [event](#) jointly hosted by SHURA and Turkish Wind Energy Association (TWEA). The event kicked off with opening remarks delivered by SHURA Director Alkim Bağ Güllü and TWEA President İbrahim Erden. Following this, SHURA Energy Analyst Ahmet Acar presented the report’s findings. A panel session moderated by Ufuk Yaman, Vice Chairman of Offshore at TWEA, featured panelists including Pierre Tardieu, Chief Policy Officer at Wind Europe; Hülya Ulusoy, Investment Support Office Coordinator at Izmir Development Agency; and Ferhat Bingöl, Assoc. Prof. at Izmir Institute for Technology.

Stakeholder Meetings on “Battery Energy Storage Solutions for Türkiye” & “Assessing Electric Vehicle Grid Integration and Smart Charging Strategies for Türkiye” / February 2024

SHURA Energy Transition Center held stakeholder meetings with the TEİAŞ (Transmission System Operator) and EMRA (Energy Market Regulatory Authority) as part of its ongoing projects. During these meetings, initial findings from SHURA’s projects on “Battery Energy Storage Options for Türkiye” and “Assessing Electric Vehicle Grid Integration and Smart Charging Strategies for Türkiye” were presented. The valuable insights gathered from these engagements will be integrated into the ongoing analyses, enriching the research and ensuring its relevance to key stakeholders in Türkiye’s energy transition.

EVENTS & PROGRAMS ATTENDED BY SHURA

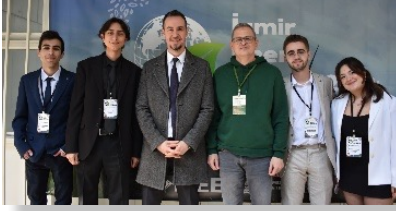


March 21

The International Network of Energy Transition Think Tanks (INETTT), with SHURA as a member, hosted a panel at the Berlin Energy Transition Dialogue (BETD24) event. SHURA Director Alkim Bağ Güllü took part in the panel discussion focused on the Carbon Border Adjustment Mechanism (CBAM). Güllü offered insights into the potential implications of CBAM for Türkiye, contributing to the dialogue surrounding this important aspect of global energy transition efforts.

March 17

SHURA Director Alkım Bađ Güllü appeared as a guest on Sibel Topalođlu's "Yaşanabilir Dünya" program on Ekotürk TV. Developments in the energy transition both globally and in Türkiye were discussed at the [program](#).



March 16

SHURA Research Coordinator Hasan Aksoy delivered a speech at the "Energy Efficiency" session of the Izmir Energy Summit. Aksoy conveyed SHURA's findings and recommendations regarding the importance of energy efficiency for the Net Zero 2053 targets and what needs to be done in this field.

March 7

SHURA Director Alkım Bađ Güllü contributed as a speaker in the "Climate Technologies Panel," hosted by the Türkiye Technology Development Foundation Climate Lab Community. Throughout the panel discussion, Güllü elaborated on SHURA's contributions to Türkiye's ongoing energy transition efforts.



February 21

SHURA Research Coordinator Hasan Aksoy attended the Türkiye Geothermal Congress held in Ankara. Aksoy gave a speech titled "Energy Storage and Hydrogen" at the "Geothermal Energy, Hybrid Plants, and Energy Storage" session.

January 25

SHURA Senior Energy Analyst Yael Taranto was a guest at Çetin Ünsalan's "İş'te Gündem" live radio programme at ST Endüstri Radyo. Taranto commented on the "Industrial Policy Alternatives for Türkiye Within the Framework of a Just Transition" report.

January 18

SHURA Director Alkım Bađ Güllü took part in the "Nasıl Bir Dünya? Nasıl Bir Türkiye?" program, co-produced by the Istanbul Policy Center and Medyascope. Moderated by Senem Görür Yücel, the [program](#) delved into various aspects of Türkiye's energy transition journey, including the country's energy transition report card, the global energy transition landscape, financial requirements and available resources, as well as the evaluation of net-zero emission goals.

January 16

SHURA Senior Energy Analyst Sena Serhadliođlu participated in the "Sürdürülebilirlik Sohbetleri" [program](#) by Yapı Kredi. Moderated by Yekta Kopan and joined also by Ali Murat Becerikli, Vice President at TESPAM, the program focused on the energy efficiency.



January 11

Following "Türkiye's Energy Transition: 2023 Assessment and 2024 Projections" press roundtable, SHURA Director Alkım Bađ Güllü participated in "[Nasıl Bir Ekonomi TV Sürdürülebilir Ekonomi](#)" YouTube program hosted by Didem Eryar Ünlü, Sustainability Columnist at Nasıl Bir Ekonomi daily, and Çetin Ünsalan's "İş'te Gündem" live radio program on ST Endüstri Radyo.

SHURA REPORTS IN PREPARATION

- Türkiye Energy Transition Outlook 2023
- Net Zero 2053: Socioeconomic Impact Analysis
- Net Zero 2053: Just Transition and Socioeconomic Policies
- Assessing Electric Vehicle Grid Integration and Smart Charging Strategies for Türkiye
- Battery Energy Storage Options for Türkiye
- Application Areas of Green Hydrogen in Türkiye
- Assessment of the sector-specific and interactive impact of the EU CBAM on the Turkish Industrial Sector

SHURA IN THE PRESS

15.03.2024

[*The Rise of Green Energy Will Continue This Year*](#)

01.03.2024

[*"Türkiye's geographic position offers significant opportunities to access offshore resources"*](#)

01.03.2024

[*Offshore Wind Energy Tenders: Global Trends and Recommendations for Türkiye*](#)

01.02.2024

[*SHURA Energy Transition Center: "Türkiye Needs to Take Rapid Steps for Energy Transition"*](#)

01.02.2024

[*"A comprehensive industrial policy is needed for development and decarbonization"*](#)

25.01.2024

"A comprehensive industrial policy is needed for decarbonization"

15.01.2024

"Türkiye can be a significant player in green hydrogen market"

11.01.2024

The share of renewables has increased from 29% to 42%

11.01.2024

"The potential for efficiency could be fully utilized"

11.01.2024

Türkiye should accelerate renewable energy investments

11.01.2024

Green energy took the lead in installed electricity capacity

10.01.2024

SHURA: Nearly All of the Increase in Installed Electricity Capacity in 2023 Came from Renewable Energy Sources

10.01.2024

Türkiye's Need to Take Rapid Steps for Energy Transition

10.01.2024

"Türkiye Needs to Take Rapid Steps for Energy Transition"

10.01.2024

"Türkiye Needs to Take Rapid Steps for Energy Transition"

01.01.2024

A comprehensive industrial policy is needed for development and decarbonization

Please find all the information on current activities and publications of SHURA Energy Transition Center on 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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For more information:
shura@shura.org.tr