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"The EU's Carbon Border Adjustment Mechanism: Considerations for Türkiye" Report Published

July 2026

The European Union's (EU) Carbon Border Adjustment Mechanism (CBAM) is reshaping international trade by introducing carbon pricing for imports of carbon-intensive goods. As implementation progresses, understanding its implications for exporting countries has become increasingly important for policymakers, industry, and other stakeholders.

This country case study, jointly prepared by the International Network of Energy Transition Think Tanks (INETTT) and SHURA, examines the potential impacts of CBAM on Türkiye. Focusing on the iron and steel, aluminium, cement, and fertiliser sectors, the report assesses sectoral and regional impacts, Türkiye's preparedness, and policy options to strengthen competitiveness during the low-carbon transition.

As part of INETTT's CBAM case study series on developing countries, the report highlights both the challenges and opportunities presented by CBAM. It also explores how carbon pricing, industrial decarbonisation, renewable energy deployment, and international climate finance can support Türkiye's green industrial transformation while maintaining export competitiveness.



SHURASTAT Issue 47 Published / July 2026

SHURASTAT's 47th issue examines the development of global electricity grids, growing investment needs, and the current state of Türkiye's grid infrastructure. Key findings from the issue include:

- Development of global electricity grids: The global electricity grid, which reached approximately 65 million kilometres in length by 2024, is targeted to expand to around 100 million kilometres by 2030. Achieving this target requires the modernisation of existing lines and the acceleration of new grid investments.

- Growing investment needs: Global electricity grid investments reached approximately USD 400 billion in 2024. However, meeting the 2030 targets will require annual investment to exceed USD 500 billion.

- Türkiye's electricity grid investments: Between 2015 and 2024, the length of Türkiye's electricity grid, particularly its distribution network, expanded at nearly twice the global average rate. Nevertheless, the growth in annual investment remained below the global average.

- Priorities for COP31: Grid modernisation, digitalisation, and enhanced system flexibility are among the key priorities of the energy transition. In the lead-up to COP31, financing grid investments, strengthening international cooperation, and accelerating the integration of renewable energy into electricity systems will be critical.

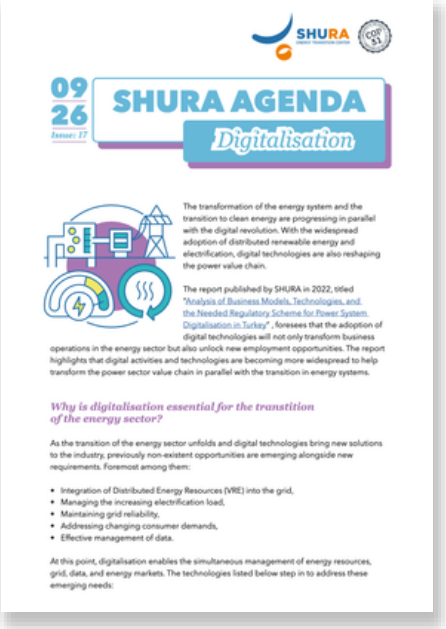
New Issues of “SHURA AGENDA” Published

New issues of SHURA AGENDA, covering the most up-to-date topics in energy transition, are published.



The 16th issue, published in July, explores the changing role of electricity distribution grids in the energy transition under the title “Transformation of Distribution Grids.”It highlights the need for traditional grid infrastructure to evolve into a more digital, flexible, and actively managed system as distributed renewable energy resources, energy storage technologies, electric vehicles, and heat pumps become increasingly widespread.The issue also examines the modernisation of distribution grids, smart grid applications, system flexibility, and priority areas for transformation in Türkiye.

The 17th issue, published in September, explores the role of digital technologies in the energy transition and their contribution to reshaping the electricity system under the title “Digitalisation.” It highlights how digitalisation enables more effective management of energy resources, electricity grids, data, and energy markets as distributed renewable energy resources and electrification become increasingly widespread. The issue also examines the role of technologies such as artificial intelligence, smart grids, digital twins, and data management in improving energy efficiency, enhancing system flexibility, and developing new business models, as well as priority areas for digitalisation in Türkiye.



New Episodes of "Energy Transition Agenda" Are Now Available

Presented by SHURA and addressing different dimensions of the energy transition, the "Energy Transition Agenda" program series continues to be published on SHURA's YouTube channel, as well as on Spotify and Apple Podcasts. In the episodes released in July, August and September, the COP31 process was discussed from the perspectives of energy transition, energy efficiency, industrial transformation and climate technologies.



Episode 28

(24 July) In the episode titled "Energy Efficiency at COP31" featuring Prof. Dr. Sermin Onaygil, the role of energy efficiency in the energy transition, key priorities for Türkiye, and opportunities to strengthen the energy efficiency agenda in the lead-up to COP31 were discussed.



Episode 29

(21 August) In the episode titled "Industrial Transformation, Trade and Competitiveness on the COP31 Agenda" featuring Efe Erdem, General Manager of MEXT, the role of industry in the energy transition, evolving competitive dynamics in global trade, and opportunities presented by COP31 were discussed.



Episode 30

(25 September) In the episode titled "Towards COP31: The Technology Dimension of Climate Action" featuring Hanzade Sarıçiçek, Secretary General of TTGV, the role of clean technologies and innovation in the energy transition, Türkiye's technology ecosystem, and opportunities presented by COP31 were discussed.

SHURA at Events & Programs



8 July SHURA Director Alkım Bağ participated as a speaker in the online event titled "Accelerating Electrification and Renewable Energy." The event addressed accelerating electrification, expanding the deployment of renewable energy sources, and key priorities in the energy transition.



24 July SHURA Senior Energy Analyst Dr. Sena Serhadlıoğlu was a guest on "Reel Piyasalar," hosted by Çetin Ünsalan on ST Endüstri Radyo. Under the topic "Transformation of Distribution Grids," the programme explored the role of electricity distribution grids in the energy transition, digitalisation, grid modernisation, and system flexibility.



27 August SHURA Senior Energy Analyst Yael Taranto participated in the online programme "Clean Energy Transition" alongside Yusuf Doğan, Vice President of DÜSİDER. The session, titled "Technology Is Ready, What About Financing?", explored the role of technology in the clean energy transition and the financing needs of energy transition investments.



31 August SHURA Director Alkım Bağ appeared on TRT Radyo 1's Gündem Enerji, hosted by Bülent Kaya. The programme, titled "Türkiye's Energy Transition Ahead of COP31," addressed Türkiye's energy transition priorities, the COP31 process and recent developments in energy policy.



1 September SHURA Senior Energy Analyst Yael Taranto participated as a speaker in the online event titled "Antalya Road to CBAM: Financing, Technology, and Green Industrialization." The event addressed the implications of the EU Carbon Border Adjustment Mechanism (CBAM) for Türkiye, industrial decarbonisation, green industrialisation, and the financing needs of the transition.



18 September SHURA Director Alkım Bağ was a guest on "60 Dakika," hosted by Ece Mağat on Bloomberg HT. The programme explored recent developments in Türkiye's energy transition, key priorities, and the COP31 process.

UPCOMING SHURA PUBLICATIONS

- **Combating Energy Poverty through Clean Energy and Efficiency**
  The project aims to contribute to combating energy poverty in Türkiye by conducting a comparative analysis of policy proposal packages focused on energy affordability and carbon reduction, and by further developing these proposals through stakeholder feedback.

- **Increasing Renewable Energy Integration through Electricity Market Reforms: Insights from International Think Tank Collaboration**
  This joint project aims to assess and strengthen electricity market structures in Türkiye, South Korea, Thailand and Pakistan. The project seeks to identify and promote country-specific market designs to unlock the full potential of renewable energy, while also supporting regional learning and cooperation.

- **Coal and Coal-Free Scenarios in Türkiye's 2035 Electricity System: Flexibility Adequacy and Operational Reliability Analysis**
  The study aims to assess the role of coal-fired power plants in Türkiye's electricity system in 2035 in terms of system flexibility and operational reliability under increasing shares of wind and solar power. Under different renewable energy development scenarios, the study analyzes how much coal capacity may be needed to ensure system reliability, and which coal-fired power plants could be prioritized for retirement or temporarily retained in the system. The study aims to provide data-driven input for Türkiye's gradual coal phase-out, power system flexibility planning and long-term decarbonization policies.

- **Industrial Policy as a Lever for Decarbonization and Sustainable Development**
  Expanding on SHURA's previous work on a "new inclusive industrial paradigm" for Türkiye, this study takes Türkiye as a key case study and aims to inform national and international discussions on the role of industrial policy in decarbonization and sustainable development under different economic conditions.



SHURA IN THE MEDIA

09.07.2026
More Solar Power Is Not Enough: What Can Türkiye Learn from Spain's Experience?

22.07.2026
Why Do Distribution Grids Need to Transform?

22.07.2026
SHURA EDM: The Transformation of Distribution Grids Must Be Accelerated

13.08.2026
Can Renewable (Green) Hydrogen Play a Complementary Role in Decarbonisation?

07.09.2026
Can Coal-Fired Power Plants Be Phased Out in Türkiye?

22.09.2026
The Role of Digitalisation in Climate Commitments

24.09.2026
The Strait of Hormuz Crisis Brings the Balance Between Energy Security and the Clean Energy Transition into Focus

29.09.2026
Türkiye Prepares for Global Cooperation on Electrification at COP31

You can find all information about SHURA Energy Transition Center, including its latest activities and publications, at shura.org.tr.

You can subscribe to SHURA's e-newsletter by registering on its website and also follow SHURA through its social media accounts. You can follow SHURA.



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