SHURA NEWSLETTER

January - March 2026 | Issue: 29

"Enabling Renewable Hydrogen in Türkiye" Report Published
February 2026

SHURA has published three comprehensive studies on renewable hydrogen to date. The study titled "Priority Areas for Türkiye's National Hydrogen Strategy", published in February 2021, set out the strategic priorities required to unlock Türkiye's renewable hydrogen potential. The report "A Technical and Economic Assessment of Türkiye's Green Hydrogen Production and Export Potential", published in December 2021, examined the domestic use and export potential of renewable hydrogen with a 2050 perspective.

The study "Renewable Hydrogen in Türkiye's Decarbonisation Pathway: Priority Application Areas and Policy Recommendations", published in February 2025, assesses renewable hydrogen's end-use applications and economic feasibility across key sectors, drawing on sectoral prioritisation and cost–benefit analysis.

Building on this body of work, the new study serves as a complementary piece to SHURA's first three renewable hydrogen reports. It explores the opportunities and challenges Türkiye faces—both nationally and internationally—in developing a renewable hydrogen ecosystem under a set of thematic pillars, and aims to provide an analytical framework for policymakers and the academic community.

New Issues of “SHURA AGENDA” Published

Two new issues of SHURA AGENDA, covering the most up-to-date topics in energy transition, have been published.

In the 13th issue, published in January, the financing framework needed to scale up an integrated energy management approach—one that addresses energy efficiency and decarbonisation together—is assessed. The issue highlights that, for this holistic approach—going beyond standalone efficiency measures and based on unit-level energy assessments—to become widespread, financing structures must also adapt to this transition.

In the 14th issue, published in March, uncertainties in oil and natural gas markets—shaped by geopolitical tensions and energy security concerns—are examined, alongside supply risks and the key vulnerability areas in Türkiye’s energy supply security. While assessing the impacts of price volatility on macroeconomic balances, the issue underscores the strategic role of the energy transition in strengthening supply security and economic resilience.

SHURA EVENTS

"Enabling Renewable Hydrogen in Türkiye" Report Launch / February 2026

The online launch and panel session for SHURA's report "Enabling Renewable Hydrogen in Türkiye" was held on 17 February 2026. During the event, the report's key findings and 17 policy recommendations were presented, and discussions covered the main opportunities and challenges in building Türkiye's renewable hydrogen ecosystem, market formation and financing, the regulatory framework, infrastructure and storage priorities, and hydrogen's priority applications in industry and transport. The study provides a complementary framework to SHURA's first three hydrogen-focused reports.

SHURA Director Alkım Bağ delivered the opening remarks, and SHURA Energy Analyst Rafet Yağız Çalışkan presented an overview of the report.

Moderated by SHURA Research Coordinator Hasan Aksoy, the panel session titled "Türkiye's Hydrogen Journey: Opportunities, Challenges and a Roadmap" featured Prof. Dr. Adnan Midilli (Director, Istanbul Technical University Energy Institute), Tuğba Dalgögüsoğlu (Project Management Unit Leader, TEKSİS Advanced Technologies & Founder, HyVise), and Fatih Kuşçu (Secretary General, H2DER).

SHURA at Events & Programs

14 January SHURA Research Coordinator Hasan Aksoy delivered a presentation titled "Net Zero 2053: Renewable Energy and Storage" in the "Renewable Energy & Energy Storage" session, held as part of the EEMKON 2026 Electrical and Electronics Engineering Congress.

15 January SHURA Senior Energy Analyst Dr. Sena Serhadlıoğlu delivered a presentation titled "The Transformation of Türkiye's Electricity Grid" in the session "Smart Electricity Grids: Transformation in Generation, Transmission and Distribution", held as part of the EEMKON 2026 Electrical and Electronics Engineering Congress.

19 February SHURA Research Coordinator Hasan Aksoy and SHURA Energy Analyst Rafet Yağız Çalışkan discussed the role of renewable hydrogen in Türkiye, priority application areas, and key policy steps in a live Medyascope broadcast, within the scope of the report "Enabling Renewable Hydrogen in Türkiye."

25 February SHURA Energy Analyst Rafet Yağız Çalışkan joined Serhat Ayan's "Yeni Şeyler Rehberi" programme on Radyo Sputnik as a guest and shared key findings and highlights from the report "Enabling Renewable Hydrogen in Türkiye."

31 March SHURA Research Coordinator Hasan Aksoy participated as a panellist in the webinar titled "From Compliance to Competitiveness: Strategic Steps for Türkiye."

UPCOMING SHURA PUBLICATIONS

- **Türkiye Energy Transition Outlook 2025**
  Türkiye's energy transition progress is assessed under the headings of renewable energy, energy efficiency, and electrification, analysing trends from past years to the present with a focus on 2025.

- **The Impact of Locational Marginal Pricing on Power System for Accelerating Renewable Energy Integration**
  A mid and long-term roadmap for Türkiye concerning the need for moving towards the locational electricity pricing concept.

- **Combating Energy Poverty Through Clean Energy and Efficiency**
  A study aiming to contribute to the fight against energy poverty in Türkiye by conducting a comparative analysis of recommendation packages focused on energy accessibility and carbon reduction, and by developing these packages with input from stakeholders.

- **Unlocking Renewable Energy Integration through Power Market Reform: Insights from an International Think Tank Collaboration**
  This joint project aims to evaluate and strengthen power market structures in Türkiye, South Korea, Thailand, and Pakistan in order to unlock the full potential of renewable energy integration by identifying and promoting tailored market design, while fostering regional learning and collaboration.

SHURA IN THE MEDIA

09.01.2026
Facilitating regulatory recommendations from SHURA to incentivise energy investments

10.01.2026
SHURA: Integrated energy management financing bundles efficiency and decarbonisation

15.01.2026
SHURA: Energy transition investments must increase to 2.5 times the average

15.01.2026
"THE ENERGY TRANSITION MUST BE ASSESSED FROM MULTIPLE DIMENSIONS"

16.01.2026
SHURA: For the 2053 target, electrification should be considered together with energy efficiency and grid flexibility

16.01.2026
SHURA highlights the need for 8 GW of annual wind and solar capacity by 2035

16.01.2026
Structural transformation in industry could expand the economy by 200%

16.01.2026
The "test year" is over in energy–now it's time for implementation

16.01.2026
"2026 should be a year of implementation, not just targets"

16.01.2026
Türkiye's real test in the energy transition is on the ground

16.01.2026
A new threshold in energy markets: the "electricity era" has begun

17.01.2026
A major on-the-ground test in the energy transition

17.01.2026
Low-cost energy sources should be prioritised

18.01.2026
"Energy efficiency is the cheapest and fastest solution"

01.02.2026
COP31: A major opportunity for the energy transition

02.02.2026
The fossil fuel lobby has declared war on green energy

17.02.2026
Türkiye's renewable hydrogen potential points to the need for a concrete action plan

18.02.2026
A new export era with green hydrogen

19.02.2026
SHURA: "A strategic and actionable plan is essential for renewable hydrogen"

22.02.2026
"Green hydrogen" potential is high

14.03.2026
Türkiye's 120 GW renewables target aligns with global energy trends

14.03.2026
Türkiye's 2035 solar and wind target: 120 GW

15.03.2026
Türkiye's 2035 solar and wind target: 120 GW

16.03.2026
Türkiye's 120 GW solar and wind target is tied to energy security

18.03.2026
According to SHURA, imported energy sources should be reduced and renewable investments increased to strengthen energy security

18.03.2026
What should be done to strengthen Türkiye's energy security?

18.03.2026
According to SHURA, imported energy sources should be reduced and renewable investments increased to strengthen energy security

19.03.2026
According to SHURA, imported energy sources should be reduced and renewable investments increased to strengthen energy security

19.03.2026
Energy security warning: dependence on imported sources should be reduced

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.

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