

ABOUT TESPAM

TESPAM is a leading think tank based in Ankara, Turkiye, with a worldwide presence through representatives in important cities such as London, Milan, Vienna, New York, Baku, and Istanbul. TESPAM is a prestigious institution that is highly regarded for its intellectual, business, and societal contributions to the energy industry. It leads the way in conducting thorough analyses in all areas of energy.

Our institution is internationally renowned for its expertise in forecasting long-term energy trends, <u>Tespam World Energy Outlook 2100</u>, garnering admiration and a strong inclination for global collaboration.

TESPAM is strongly dedicated to tackling pressing matters such as climate change, sustainable development, and the empowerment of marginalized social groups and women. Our goal is to achieve fair and pragmatic resolutions, promoting global collaboration on a foundation that is more democratic. TESPAM plays an active role in advancing the United Nations' Sustainable Development Goals by engaging in interdisciplinary working groups and coordinating research efforts. Our mission is advanced through the collaboration of our subsidiaries, promoting technological entrepreneurship, innovation, and multinational partnerships.

We demonstrate our dedication to increasing awareness and promoting discussion by organizing international events, congresses, forums, and summits.

The notable upcoming events in 2024 are;

- The 4th International Turkish Energy Union Congress, supported by the Organization of Turkic States;
- The 4th International Eastern Mediterranean Energy Forum, which promotes international integration and regional problem-solving;
- The 4th International Climate and Energy Forum, dedicated to more effective strategies for addressing climate change;
- The 3rd International Hydrogen Forum, which explores the future of hydrogen as a crucial energy storage and transport solution;
- The 3rd International Black Sea Energy Conference, aimed at enhancing regional integration;
- The 2nd International Nuclear and Security Forum, which analyzes the future of nuclear energy and emphasizes technology transfer; and
- The 2nd World Energy Outlook Forum, where TESPAM presents its long-term projections.

TESPAM publishes four international journals, including two peer-reviewed and indexed, embodying our role as an academic research center.



- IJES (International Journal of Energy Studies)
- <u>SWCE (Sustainability with Climate Energy)</u>
- <u>TJEP (Turkish Journal of Energy Policy)</u>
- EPT (Energy Policy Turkey)

Other than aforementioned publications, TESPAM teams have generated <u>books</u>, studies, commentaries and chronicles across all energy fields, alongside specialized commercial reports for public and private entities. Recognized for our expertise in energy trends, projections, and pricing, TESPAM has garnered attention from prestigious organizations, including OPEC, to whom we have provided specialized training. Our success underscores our position as a leading global authority in the energy sector.

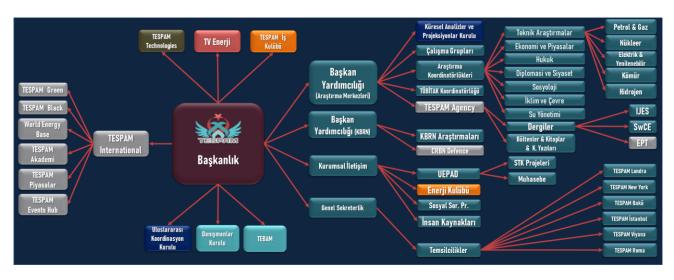
In addition to its academic endeavors, TESPAM is committed to social accountability, providing support to civil society through various initiatives such as the Business Club, Energy Club, and the Turkish Energy Union Research Center. The primary objective of these platforms is to promote cooperation among industries, educate young people, and conduct sustainable research to strengthen the unity of the Turkic community. TESPAM supervises commercially operating companies in various sectors, such as clean energy, hydrocarbons, consultancy, and high-tech solutions, which encompass software and drone technologies, in order to back our civil and academic endeavors. The entities of our organization formed of TESPAM Black on Oil and Natural Gas World Energy Base on Spatial Mapping, TESPAM Academy to provide training services, consultancy to government and companies, TESPAM Markets, and TV Enerji.

TESPAM and its entity TESPAM International have a strong organizational structure, consisting of a distinguished team of 175 experts, which includes 16 professors and 40 PhD academicians from Turkiye and other countries. The accompanying charts provide a detailed overview of our multidisciplinary organigram, which continues to lead in energy research and advocacy, connecting academic knowledge with commercial innovation and civic involvement. With our extensive worldwide reach and diverse strategies, we are a significant influencer in shaping a viable energy future together with our partner Universities, NGO's, Industrial Organizations, and Foreign Institutions.

Oguzhan Akyener

TESPAM President





Graph 1: TESPAM's Organizational Structure



Graph 2: TESPAM International's Organizational Structure

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ENERGY GEOPOLITICS	OPOLITICS	CLIMATE, EI	CLIMATE, ENERGY CONVERSION AND NEW TECHNOLOGIES	IAND NEW	ENERGY PROJECTIONS	ENERGY ECONOMY	CONDMY	SUSTAINABILITY	OTHERS
Energy Demand Security	Russia and EU Studies	Growth Targets and Consumption	Socioeconomic Trends	Energy Effiency	WEO	Affordability Studies	Value Chain Analyzes	Environment	Energy and Migration
Conflicts and Disputes	China – USA Tension	Transformation in Electric Vehicles and Transportation	Offshore Wind Turbines	Hydrogen	TWED	Energy Financing	Logistics Markets	Climate Change Management	Energy Hunger and Justice
Energy Crisis	Black Sea	Climatic Risk Indices	UNFCCC Reports and COP Meetings	E-Mobility	Oil Prices Outlook	Carbon Trading	Petrol Prices	Water and Drought	Energy and Gender Equality
Cyprus and Eastern Mediterranean	CBRN and Pandemic	NDC Reports	Clean Hydrocarbon Production Technologies	CCS	Electricity Prices Outlook	CBAM	Electricity Markets	Energy and Agriculture	Energy and Climate Awareness
Shanghai Cooperation Organization	Organization of Turkish States	Global Climate Goals Consistency Analysis	International Reports & Developments	Artificial Intelligence & Digitalization	Coal Prices Outlook	Uranium Markets	Strategic Mining Markets	Mineral Markets	Mineral Markets
Cyber Security	South China Sea and Energy Trade Routes	Cost Studies	Incentives and Taxation Systems	Modular and Micro Nuclear	IEO	Hydrogen Markets	EXIST Trends	Growth Targets and Energy Consumption	Insurance Processes
Aegean and East Med. Energy Law	Energy Transmission Security	Sectoral Transformation and Trends	Transformation in Methane-hydrate Housing Production	Methane-hydrate Production	Gas & LNG Prices Outlook	Interactive Energy Markets	Coal Markets	Stocks and Storage Facilities	Historical Processes

Graph 3: TESPAM's Thematic Multidiciplinary Study Grups



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SOME STRATEGIC ENERGY SERVICES BY TESPAM

As mentioned above, thanks to its experience and sophisticated multidisciplinary teams, TESPAM will be able to carry out the following studies in order to increase the energy efficiency of countries on a regional or national basis.

- 1- NATIONAL ENERGY SECURITY MODEL
- 2- NETZERO CARBON EMISSION PROJECTIONS
- 3- DECARBONIZATION ROADMAP
- 4- ENERGY SUPPLY and DEMAND PROJECTIONS
- 5- ELECTRICITY MARKET CREATION PROCESSES and ROADMAP
- 6- ENERGY EFFICIENCY STRATEGY REPORT
- 7- ENERGY EFFICIENCY EMERGENCY NATIONAL ACTION PLAN
- 8- ENERGY EFFICIENCY TARGETS REGULATORY IMPACT ANALYSIS
- 9- RENEWABLE ENERGY ACTION PLAN
- 10- ENERGY EMERGENCY ACTION PLAN
- 11- NATURAL GAS MARKET ROADMAP
- 12- NATURAL GAS NETWORK CODE PREPARATION and MODELLING
- 13- NATIONAL NATURAL GAS EXCHANGE MARKET ROADMAP
- 14- NATURAL GAS LEGISLATION REVIEW and PREPARATION
- 15- STUDIES TO CREATE ELECTRICITY AND NATURAL GAS ECONOMY OF SCALE
- 16- HYDROGEN STRATEGY PLAN AND IMPLEMENTATION ROADMAP
- 17- NUCLEAR SAFETY LEGISLATION AND PRECAUTIONS
- 18- SMR-NUCLEAR APPLICATION GUIDE
- 19- GIS BASED ENERGY and MINERALS MAPPING SYSTEMS
- 20- RENEWABLE GRID INTEGRATION and PROCEDURES
- 21- REGIONAL DEMAND ANALYSIS AND FUTURE PROJECTIONS
- 22- REGULATORY IMPACT ANALYSIS
- 23- SOCIAL ECONOMIC ANALYSIS
- 24- GEOPOLITICAL ANALYSIS
- 25- CBRN SECURITY LEGISLATION AND PRECAUTIONS
- 26- INTERNATIONAL NATURAL GAS SALES AND MARKET ANALYSIS
- 27- NATIONAL VALUE CHAINS MANAGEMENT STRATEGY PLAN
- 28- NATIONALLY DETERMINED CONTRIBUTIONS REPORT PREPARATION
- 29- OIL INDUSTRIAL ZONE STRATEGY REPORT