

Supporting Organizations



Supporting Associations

- Turkish Energy Foundation (TENVA)
- The Electricity Distribution Service Association (ELDER)
- The Independent Industrialists' and Businessmen's Association (MUSIAD)
- Turkish Natural Gas Distributors Association (GAZBIR)
- The Center for Natural Gas and Energy Training, Certification, Supervision and Technological Services (GAZ-MER)
- Global Smart Grid Federation (GSGF)
- The Association of Organized Industrial Zones (OSBDER)
- The Association of Turkish Electricity Industry (TESAB)
- Measuring Industrialists' and Businessmen's Association (OLCUBIR)
- Electronic Meter Manufacturers Association (ESUDER)
- The Association of Electromechanical Industrialists (EMSAD)
- Turkish Association for Energy Economics (EED)
- Unlicensed Electricity Generation Association (Li-Der)
- The Energy Services Network Association (ESNA)
- Association of Energy Journalists and Media (EGAD)
- DLMS Users Association (DLMS)
- Energy Management Association (EYODER)
- Arab Renewable Energy Commission (AREC)
- Turkish Electronic Manufacturers' Association (TESID)
- Jordanian Renewable Energy Society (JRES)
- The Turkish American Business Association (TABA)

CONGRESS & FAIR DATES

29-30 April 2015

CONGRESS VENUE

Halic Congress Center, Istanbul, Turkey

TOTAL SPACE

5000 m²

2nd INTERNATIONAL ISTANBUL SMART GRID CONGRESS AND FAIR AT A GLANCE

NUMBER OF PARTICIPANTS	NUMBER OF PARTICIPATING COUNTRIES
3000	50
NUMBER OF BOOTHS	NUMBER OF SUPPORTING ORGANIZATIONS & ASSOCIATIONS
100+	43



ICSG 2014

3 Conference Halls
35 Sessions
47 Declarations
2 Workshops
200 Presentations
200 Speakers
7 Poster Abstract

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Republic of Turkey
Ministry of Science, Industry and Technology



REPUBLIC OF TURKEY
MINISTRY OF
ENERGY AND
NATURAL RESOURCES



ICSG 2015

3rd International Istanbul
Smart Grid Congress and Fair
29-30 April 2015
Halic Congress Center

The most significant and comprehensive
meeting of the Smart Grid industry within
Turkey and the Eurasia region.

www.icsgistanbul.com

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AUTHORIZATION OF TOBB (THE UNION OF
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TURKEY) PURSUANT TO THE LAW NO. 6174.

The course for Smart Grids will be set at ICSG Istanbul 2015

"3rd International Smart Grid Congress and Fair" will be held on 29-30 April 2015 at Halic Congress Center, Istanbul with the support of Republic of Turkey Ministry of Science, Industry and Technology, Republic of Turkey Energy and Natural Resources and UGETAM. ICSG Istanbul 2015 will bring together domestic and foreign stakeholders of smart network in Istanbul.

Turkey is in the region as a trading hub for countries in the Mediterranean, Eastern Europe, Russian Federation and CIS, the Middle East, Black Sea, Caucasasia and North Africa. With Turkey's strategic location, "3rd International Istanbul Smart Grid Congress and Fair" is serving as the gateway for the smart grid industry and provides a unique meeting platform for to explore new business opportunities and ideal place to source for wide range of new products.

Participants of the International Istanbul Smart Grid Congress and Fair which was inaugurated by the esteemed Prime Minister Recep Tayyip ERDOGAN, and which was also honoured by esteemed Republic of Turkey Minister of Science, Industry and Technology Nihat ERGUN and esteemed Republic of Turkey Minister of Energy and Natural Resources Taner YILDIZ, first of which is organized in the year 2013, included public institutions, international metrology and standardisation organisations, international smart network associations, production and export companies of electricity, water and natural gas meters, electricity and natural gas distribution companies, organized industrial zones, municipalities, conformity assessment bodies, automation firms, examination, experiment and calibration institutions, R&D firms, energy production/transmission/distribution firms, GSM operators, smart building firms, software firms, and representatives from relevant sectors.

"3rd International Istanbul Smart Grid Congress and Fair" is certified by the Union of International Fairs (UFI) and the Quality Management System ISO-9001, ensuring that it represents an outstanding international trade event serving the fast growing domestic and international markets surrounding Turkey.



Participants Profile

- Regulatory / Supervisory Public Institutions
- Administrators from European Union
- Representatives from International Metrology and Standardization Institutions
- International Smart Grid Associations
- Manufacturers and Importers of Electricity, Water and Gas Meters
- Manufacturers and Importers of Transformers
- Smart Cities and Smart Buildings Companies
- R & D Companies
- Geographical Information System Companies
- Associations
- Electronics Companies
- Energy Consultancy and Management Companies
- Energy Storage and UPS Companies
- Power Generation / Transmission / Distribution Companies
- Renewable Energy (Solar Energy, Wind Energy) Companies
- Billing / Customer Services Companies
- Gas Distribution Companies
- GSM Operators
- IT Security Companies
- Communication / Data Transfer Companies
- Modem Manufacturers
- Reading / Billing Companies
- Conformity Assessment Institutions
- Representatives from Organized Industrial Zones
- Automation Companies
- Project Managers
- Water Administrations
- Maintenance and Adjustment Service Managers
- Telecommunication Companies
- Inspection, Testing and Calibration Organizations
- Universities
- Software Companies

Certified By

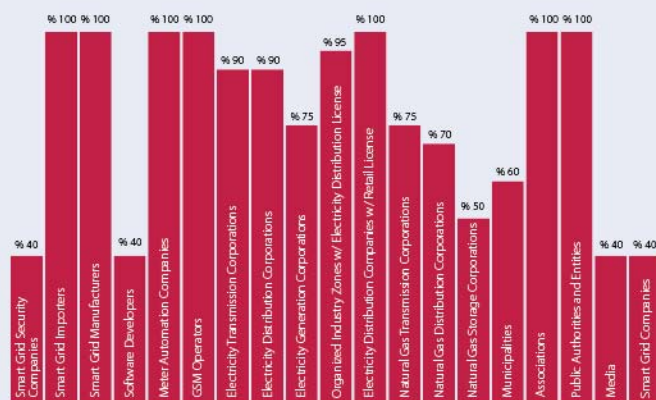
Union of International Fairs (UFI)
Quality Management System ISO-9001

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Product and Service Profile

- Electricity, Water and Gas Meters and Equipment
- Utility Meters Maintenance and Adjustment Service Tables and Equipment
- Transformers
- Automatic Meter Reading (AMR) Systems
- Advanced Measurement Infrastructure (AMI) Systems
- M2M Communication Solutions
- Modems
- Communication Modules (PLC, PSTN, RF, GSM, GPRS)
- Mobile Terminals
- Concentrators (Data Collection Units)
- Products Related to Integration of Renewable Energy (Solar Energy, Wind Energy) Resources to Smart Grid System
- Smart Grid Transportation and Systems
- LED Manufacturers
- Power Storage Units & UPS
- Electricity Distribution and Transmission Products
- Software: Automation Software Main Control Center Software,
- Database Software, Firmware
- Customer Services Management Software,
- Security (Firewall - Data Safety) Software,
- GIS (Geographical Information System - Visual Representation on Maps) Software
- Smart Houses and Buildings Automation Software

Industry-Based Participant Profile



ICSG Istanbul 2015 Topics Of Congress

- 1. Strategies, Planning and Quality for Smart Grids**
 - National and International Legislation Related to Smart Grids
 - Policy, Planning, Marketing and Economics for Smart Grids
 - Smart Grid Standards and Interoperability
 - Smart Grid Strategy and Planning
 - Smart Grid and Costs
 - Research and Development Needs for Smart Grids & Systems
- 2. Socio-Economic Aspects of Smart Grids**
 - Impact of Smart Grid and Development
 - Economy of Smart Systems
 - Contribution of the Smart Grids to Environment
- 3. Architectures & Systems for Smart Grids**
 - Smart Electricity Grids & Systems
 - Smart Water Grids & Systems
 - Smart Gas Grids & Systems
 - Smart Transport Grids & Systems
 - Smart Heating Grids & Systems
 - Architectures for Smart Grids, Smart Microgrids and Super Grids
 - Grid Modeling, Simulation, Optimization
 - Microgrids Design, Testbeds, Deployment and Automation
 - Next Generation Smart Meters, Advanced Metering Infrastructure, Instrumentation, and Control
- 4. Energy Management (EMS) and Monitoring Systems**
 - Electricity Meters
 - Gas Meters
 - Water Meters
 - Heat Meters
 - Energy Management Systems (EMS) and Energy Monitoring
 - Virtualization for Reducing Power Consumption
 - Virtual Power Plants
 - Big Data Applications and Data management Techniques for Smart Grids & Smart Environments
 - Demand Monitoring and Energy Efficient Systems
 - Demand-Side Management
- 5. Energy Generation & Storage Technologies and Systems for Smart Grids**
 - Renewable Energy, Wind, Solar, Fuel Cells and Distributed Generation within Microgrids, Microgeneration
 - Energy Storage Technologies and Systems
- 6. Energy Consumption Forecasting Techniques and Algorithms**
 - Optimization Techniques for Efficient Energy Consumption

- Short-Term Load Forecasting Algorithms for Energy Efficiency
- Artificial Intelligence Machine Learning and Data Mining Techniques for Smart Grids & Smart Environments

7. Smart Grid Networking & Communication Techniques

- Internet of Things/Everything in Smart Environments
- WEB of Things/Everything in Smart Environments
- Cloud Computing Applications in Smart Grids
- Social Networking in Smart Environments

8. Smart Grids Protection, Fault Management, Energy / Power Quality and Maintenance

- Smart Grid Cyber & Physical Security
- Protection, Fault Monitoring and Predictive Maintenance
- Smart Grid Testing and Assessing Technologies
- Smart Materials for Smart Grids
- Grid Protection, Reliability, Energy/Power Quality and Maintenance
- Smart Grid Information Security

9. Human Sources Management for Smart Grids

- Smart Grids and Systems Education
- Training Technical Staff for Smart Grids

10. Case Studies and Innovative Applications for Smart Cities

- Computer Forensics in Smart Grids
- Smart Buildings and Applications
- Smart Cities, Future Cities, Digital Cities, Communities
- Intelligent Transport Systems and Traffic Management

11. Smart Grids and Energy Harvesting

- Energy Harvesting for Smart Monitoring
- Energy Harvesting for Smart Grid Communication
- Energy Harvesting and Storage for Electronic Devices
- Energy Harvesting Using Smart Materials

