

SETA 2016

SUSTAINABLE ENERGY & TECHNOLOGY ASIA 2016

23-25 March 2016

BITEC Bangkok, Thailand
www.seta.asia

CALL FOR PAPERS

Abstract submittal Deadline - 31st May 2015

Securing Asia's Energy Future

The first international Conference & Exhibition for cross-platform discussions on sustainable energy & technology in Asia

Sustainable Energy & Technology Asia 2016 will discuss valuable information, information exchange and latest solutions in the field of energy and technology on the following themes:

- Energy Policy & Planning
- Electrical Systems Technology
- Transportation & Alternative Fuels
- Sustainable Energy and Green Technology



Powerful ASIA Energy & Technology Platform

Introducing the emerging premier Asian annual energy and technology event, Sustainable Energy & Technology Asia 2016 (SETA 2016) - the three days international conference & exhibition.

Co-organising by the Ministry of Energy and Nuclear Society of Thailand, endorsing by the Ministry of Science & Technology and Ministry of Transport of Thailand, the event is to set Thailand as the focal point and platform for energy and technology industry partners to meet, contribute and share the information, with thousands of prospected delegates from ASEAN countries and around the world, to discuss the energy challenges and wider technology applications.

With increasing importance of sustainable energy and green environment issues in the region, and worldwide, particularly the threat to human and ecological sustainability, the portfolio of sustainable energy technologies is becoming high on the agenda for the sustainable energy industry. An increasingly broad range of circumstances, offering great investment opportunities amongst the ten members of the Association of Southeast Asian Nations (ASEAN) – along with China and India – are shifting the center of gravity of the global energy system towards Asia. Energy demand in Southeast Asia has expanded by two-and-a-half-times since 1990, its rate of growth among the fastest in the world.

Despite the ASEAN Economic Community calling for closer regional economic interaction, the energy policies across Southeast Asia reflect considerable differences in political direction, economic development and natural resource endowments. The electricity generation capacity in the region continues to steadily grow, with Southeast Asia's fleet of power plants shifting notably towards coal, gas and hydro, adding significant capacity, whilst oil-fired capacity is falling, largely because of deteriorating economics as a result of high fuel costs.

Spotlight on Thailand – the second-highest primary energy demand in ASEAN and concerned about future energy needs – is an excellent location for the 3 days conference, exhibition and networking. It is also a site attraction for energy conscientious industry partners. Participants from across Asia include top executives and decision-makers from private, semi government, government, energy suppliers, leading power & utility companies, etc., with the various topics of discussion in energy policy and planning, electricity in trend technology, alternative energy for transportations, and also excellent themes including enhancing energy security, ensuring energy affordability and improving energy efficiency. This is the important and the first step for the Thai energy sector to have international corporation, with full support of the Ministry of Energy of Thailand, to move forward together with the ASEAN and international Energy industries.

This is the Must-Attend event of the year.

Co-Organised by



Nuclear Society
of Thailand



Ministry of Science &
Technology Thailand



Ministry
of Transport

Supported by



Media Supporters



Call for Papers

Are you interested speaking at the Sustainable Energy & Technology Asia 2016 conference?

The Sustainable Energy & Technology Asia 2016 Organizing Committee are inviting abstracts for consideration for inclusion in the conference.

Conference Topics

1. Energy Policy and Planning:

- Energy Planning at a Regional, National and Local Scale
- Energy Pricing and Experiences
- Fiscal and Regulatory Policies at Supply
- Transformation and End-uses
- Existing and Emerging Energy Markets and Reforms
- Revived World Gas Market
- Renewable Energy Market and Policies
- Investments for Energy Supply
- Institutional Arrangement for National Energy Governance
- Energy Integration Plan, Experiences, Challenges and Opportunities
- Barriers and Opportunities for Regional Energy Supply Infrastructure
- Regional Energy Security
- Regional Policy Integration
- Accident Preparedness and Emergency Response
- Energy Scenarios for the Next Decades.



3. Transportation and Alternative Fuels

- Novel Hybrid Vehicles
- Electric Vehicles and Infrastructure
- Novel Battery Development and Charging Systems
- Hydrogen and Fuel Cell Vehicles
- Public Transportation and Infrastructure
- Low Carbon Transport
- Fuel Pricing and Tax Incentives for Transportation
- Ethanol and Bio-diesel for Transportation
- Logistic Management (Marine, Aviation and Land Transport)
- Pipeline Transport and Regional Connectivity.

2. Electrical Systems Technology

- Electricity Generation, Transmission, Distribution and Storage
- Regional Development in Energy Systems
- Regional Hydro Power Development
- Regional Connectivity and Grids Interconnection
- Smart Grids and Application
- Energy Saving and Efficiency
- Industrial Energy Management
- Demand Side Management and Responses
- Investment in Energy Efficiency
- New Generation of Highly Efficient Thermal Power Plants
- Advanced Coal-Fired Power Plants
- Status of Coal Gasification Technology
- Co-generation Applications and Experiences
- Small and Modular Nuclear Power plants
- Novel Passive Nuclear Power Plants
- Future Resources of Fossil Energy



4. Sustainable Energy and Green Technology

- Low Carbon Energy Policy, Planning and Practices
- Solar Photovoltaic Technology
- Solar Thermal Technology
- Wind Energy Resources and Technology
- Biomass & Biogas Resources and Technology
- Urban Energy Demand and Supply
- Opportunities for Low Energy and Low Carbon City
- Waste-to-Energy
- Urban Renewable Energy Potentials
- Technologies for Renewable Energy Integration
- Green Buildings and Infrastructures
- Green Urbanization, Green City
- Local Energy Procurement and Management
- Green Industry
- Energy and Community
- Lifestyle and Consumption Behavior.



Above are the areas to be considered and addressed in the conference, but is not restricted to these topics. If you have a relevant paper not included in this list, you are encouraged to submit this to the organizing committee.

Abstract Submittal

If you are interested, you are invited to submit your abstract for consideration by the conference committees. Your presentation should not be overtly commercial in nature.

Guidelines

- Abstracts must have a title and list all authors. Full contact information for the primary contact, authors (company affiliation, telephone number and email address) must be provided.
- Please designate which author would be the speaker.
- Presentations must be of interest and of practical value to prospective audience.
- Papers will be selected based on a review of abstracts by the Organizing Committee.
- Papers must not be commercial in nature, they should be relative, informant or educational.

Further information on these topics areas are detailed in the brochure, to assist you with ensuring your abstract is relevant to the conference discussions, giving you the best opportunity to be successful in selection by the Conference Advisory Committee.

Online Submit your abstract at www.seta.asia

If you have any queries, please email to Event Coordinator, at

Secretariat@seta.asia

or call Tel: +66 9 441 44187, +66 2 519 2727

Fax: +66 2 509 8587

Technical Organising Committees :

Dr. Bundhit Eua-arporn
Chulalongkorn University

Chair

Dr. Masakazu Toyoda
The Institute of Energy Economics, Japan (IEEJ)

Co-Chair (Oversea)

Committees :

Dr. Dawan Wiwattanadate
Energy Research Institute (ERI)
Chulalongkorn University

Mr. Jirasak Mantharngkul
Electricity Generating Authority of Thailand (EGAT)

Dr. Bundit Limmeechokchai
Sirindhorn International Institute of Technology
Thammasat University (SIIT-TU)

Dr. Naebboon Hoonchareon
Chulalongkorn University (CU)

Dr. Shobhakar Dhakal
Asian Institute of Technology (AIT)

Dr. Jakkanit Kananurak
Capacity Building and Outreach Office
Thailand Greenhouse Gas Management Organization (TGO)

Dr. Sumittra Charojrochkul
National Metal & Materials Technology Center (MTEC)

Dr. Savitri Garivait
Joint Graduate School of Energy and Environment (JGSEE)

Co-Organised by



Nuclear Society
of Thailand

Endorsed by



Ministry of Science &
Technology Thailand



Ministry
of Transport