

POWERING
SUSTAINABLE
INNOVATION
IN ASIA

2012

22-24 OCTOBER

Sands Expo & Convention Centre
Marina Bay Sands, Singapore

www.afef.com.sg



Organised by:



Conference partner:



In association with:



Co-locating with:



Part of:





Energy consumption in Asia continues to grow rapidly, fuelled by fast economic and population growth, and by continuing urbanisation and industrialisation.

The Asia Future Energy Forum (AFEF) and Exhibition is the leading global energy event in the Asian region, brought to you by the organizers of the World Future Energy Summit. AFEF offers a world-class platform, in one of the most dynamic regions in the world, for the promotion of leading-edge sustainable energy governance, business, investment, finance, and technology that enable the smart delivery of clean energy solutions.

Exhibition

The 3-day exhibition will showcase the latest innovations to achieve energy efficiency, solutions to reduce carbon emission, and products/services for generation, transmission and distribution of renewable and clean energy.



Why Exhibit?

Held in the heart of a fast growing Asian economy, AFEF is part of the Singapore International Energy Week (SIEW) organized by the Singapore's Energy Market Authority (EMA). The entire week will feature a comprehensive schedule of energy-focused conferences, exhibitions and networking sessions. AFEF 2012's exhibitors, visitors, speakers and delegates will also benefit from networking and attending other energy-related events under SIEW.

Expand your business and brand awareness in Asia with AFEF, the perfect face-to-face marketing avenue that connects you to the entire Asia.

- Create greater brand awareness
- Showcase your products and services to the industry
- Network with the like-minded
- Establish business contacts and partnerships
- Learn and share experiences
- Keep abreast of industry developments

Ensuring access to modern energy services, doubling the rate of improvement in energy efficiency and doubling the share of renewable energy can revitalize the regional economy, combat climate change and go a long way toward ensuring equal opportunity for all.

Rae Kwon Chung
Director of ESCAP's Environment
and Development Division

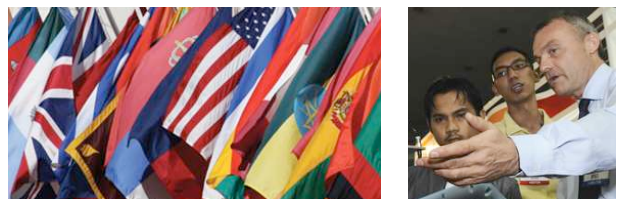
[Source: UN Economic and Social Commission
for Asia and the Pacific (ESCAP)]

Numbers at a Glance (Expected)

- 350 international participating companies
- 6,000 Asia Pacific visitors / buyers
- 800 conference delegates

Exhibitor Profile

- Biomass / Biofuels / Biogas
- Clean Energy Technologies and Applications
- Consultancy
- Electric Vehicles / Advanced Transportation
- Energy Conservation
- Energy Efficiency Solutions
- Energy Storage Solutions
- Geothermal
- Hybrid Systems
- Hydropower
- Hydrogen and Fuel Cells
- Measurement and Control Technology
- Nuclear Energy
- Sustainable Energy
- Waste Management, Waste Treatment and Recycling
- Waste-to-Energy
- Wave and Tidal
- Wind



Visitor Profile

- Automotive
- Academics and Researchers
- Building/Construction/Property Developers and Architects
- Consultants
- Government / Policy-makers
- Investors / Bankers / Venture Capitalists
- Legal Advisors
- MEP Engineers
- Power Generation Companies
- R&D Institutions
- Renewable Energy Project Developers / Architects
- Urban Planning Specialists
- Utility and Energy Companies

Exhibition / Sponsorship Opportunities:

Please contact Ms Louise Chua at
louise.chua@reedexpo.com.sg

Forum



Themed "Powering Sustainability Through Innovation", AFEF will stage world-leading authorities and experts from across the energy spectrum that will present the latest advancements in sustainable energy, investment, finance, innovation, renewable technologies, energy efficiency, energy storage, security of supply, regulation, international collaboration, development, as well as access to modern energy services.

Key Issues to be Discussed at the Forum



Wind



Hydrogen



Biofuels



Carbon Capture
& Storage



Nuclear



Energy
Storage



R&D



Financing &
Investment

Networking

As part of AFEF, participants and attendees can look forward to different networking and sharing platforms during the 3-day event.

Round Table Discussions

Close-door discussions on financing opportunities, implementation challenges and R&D initiatives and collaborations.

Project Village

A showcase of upcoming and ongoing projects around the region to learn about industry developments.

Energy Innovation Award

To recognize outstanding innovations and contributions to the industry.

Technical Seminars

Presentations by exhibitors on their innovations and solutions.

(Above are proposed events planned. Please check www.afef.com.sg for updates.)

Marketing

Reed Exhibitions embarks on multi-channel marketing campaign to attract local and international visitors to AFEF. As an exhibitor, you will be able to ride on the marketing outreach to enhance your presence at AFEF, at no extra cost.

Online Directory

This 24/7 online directory allows potential buyers to search for you and your products before, during and after the event.

Extensive Database

Collectively, Reed Exhibitions and its media partners host an extensive database which you can tap on via our email broadcast, websites and advertisements for your brand/product awareness.

Hosted Buyer Programme

This programme allows you to nominate your key contacts to enjoy special privileges at AFEF, such as complimentary hotel accommodations, access to the VIP lounge and special rates at the Forum.

PR Campaign

Extend your media outreach to dailies, trade publications and online portals for your new product launch and/or official announcement.

Social Media

Engage the industry on a different level with social media, whereby interesting news and articles can be pushed out to the community.

Speaking Opportunities:

Please contact Mr Vincent Lee at vincent.lee@reedexpo.com.sg

Interest as Delegate / Visitor:

Please contact Ms Rachel Low at rachel.low@reedexpo.com.sg

- The International Energy Outlook of 2011, released 19 September 2011 by the U.S. Energy Information Administration reported that worldwide consumption will grow 53% between 2008 and 2035, and that half of that growth will come from China and India. China, which recently became the world's top energy producer, is expected to use 68% more energy than the United States by 2035.

- International Energy Agency's 2009 projected that ASEAN's primary energy demand is set to expand by 76% between 2007 and 2030. The region's oil consumption is projected to increase 39% by 2030 to 267 Mtoe and natural gas to increase 2.3% per year from 117M toe to 199 Mtoe in 2030. The future energy needs are significant.



CHINA

China is aiming for 15% of its energy to come from renewable source (excluding large hydro) by 2020.

Investments of USD251 billion in total is required.

[Source: United Nations Environment Programme (UNEP)]



JAPAN

Japan will scrap a plan to obtain half of its electricity from nuclear power and will instead promote renewable energy as a result of its ongoing nuclear crisis.

[Source: Japanese Prime Minister Naoto Kan, The Telegraph UK, 10 May 2011]



SOUTH KOREA

Plans were announced to encourage domestic companies to invest in clean energy by providing USD1.16 billion in guarantees to small renewable-energy companies.

[Source: Private Equity Korea, 6 Sept 2011]

Opportunities in Asia



THAILAND

Aims to increase the share of alternative energy mixed to be 20.3% of Thailand's final energy demand in the year 2022.

[Source: AEDP 2008-2022]

USD11 billion of new investment is needed in the next 15 yrs to achieve the goal.

[Source: SETatWork.eu, 2009]



PHILIPPINES

The Philippine National Renewable Energy Program (NREP) has set USD27.6 billion target in renewable energy investments between now and 2030.

The private sector has already committed some USD390 million in new renewable energy investments.

[Source: Businessweek, 26 June 2011]



VIETNAM

Electricity demand in Vietnam will grow by > 10% per year to 2020. To meet this increase domestically, construction or expansion of 32 power stations has been planned.

According to the Master Plan on Power Sector Development, the total capacity generated from renewable sources is expected to increase to 5 % by 2020.

[Source: GTZ-Wind Energy]



MALAYSIA

The sector could provide at least USD22.2 billion worth of revenue for the private sector.

PricewaterhouseCoopers Advisory Services expected renewable energy to contribute 11% of Malaysia's electricity production mix by 2020.

[Source: The Star, August 28, 2010]



SINGAPORE

Target to reduce our energy intensity by 35% from 2005 levels by 2030.

[Source: Sustainable Singapore Blueprint]

National renewable energy target of 5% of its electricity production by 2020.

[Source: Singapore's Economic Strategies Committee]



INDONESIA

Indonesia's 25/25 vision is to have renewable energy fulfill 25% of the country's energy needs by 2025.

[Source: The World Bank, 9 December 2010]

Aims to increase the proportion of renewable energy from 7% to 15% of total energy production by 2025.

[Source: US Dept of Commerce, May 2010]



AUSTRALIA

The Renewable Energy Target aims to deliver 45,000 GWh of renewable energy by 2020; expected to be 20% of Australia's electricity supply (from the current level of about 5%).

[Source: Department of Climate Change]

Contact Us

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Other Alternative Energy Events by Reed Exhibitions



Part of:



The 5th Annual SIEW 2012 is the foremost platform for top policymakers, energy practitioners and commentators to discuss energy issues, strategies and solutions. SIEW brings together the world's leading conferences, exhibitions, workshops and networking events from across the energy spectrum of oil and gas, clean and renewable energy, smart grids, carbon abatement and energy trading, in one week, in one location. Please visit www.siew.sg for further information.

Organised by:



Reed Exhibitions is the world's leading events organiser, with over 460 events in 36 countries. In 2010 Reed brought together over seven million active event participants from around the world generating billions of dollars in business. Today Reed events are held throughout the Americas, Europe, the Middle East and Asia Pacific, and organised by 34 fully staffed offices.

Reed organises a wide range of events, including trade and consumer exhibitions, conferences and meetings. Its portfolio of over 460 events serves 44 industry sectors, including: Aerospace & aviation, automobiles, beauty & cosmetics, broadcasting, building & construction, electronics, energy, oil & gas, engineering & manufacturing, food service & hospitality, gifts, healthcare, interior design, IT & telecoms, jewellery, life science & pharmaceuticals, machinery, marketing, business services & training, medical education, printing & graphics, security & safety, sports & recreation, travel.

Working closely with professional bodies, trade associations and government departments Reed ensures that each and every event is targeted and relevant to industry needs. As a result, many Reed events are market leaders in their field.

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