



**Sustainable
Energy
Association of
Singapore**
(SEAS)

Annual Report 2014

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01

The Chairman's Message



Dear Members,

2014 and 2015 have been very active and interesting years for SEAS. Underlining all this is that the cleantech market for Asia has increased to USD 2.5 trillion, and Singapore is located strategically in the middle of this huge market. The Singapore Government is aligned and supportive in making Singapore a Cleantech Centre for Asia and will provide funding for R&D and business development. In tandem, SEAS and its Council are actively leveraging on all of Singapore's strengths by growing our links within and outside Singapore by setting the foundations for several projects in 2014 to take off in 2015.

Here are some of these projects:

1. SEAS signed a Letter of Agreement (LOA) in December 2014 with the Asian Development Bank (ADB) to develop a Centre of Excellence (COE) in sustainable energy in Singapore. This is the first time the ADB has signed such an agreement with an industry association. This Centre aims to train regional policy makers and government officials on renewable energy (RE) and energy efficiency (EE) technologies and how these can be viably deployed in their countries. They can then develop and implement better policies to attract investments for renewable energy and energy efficiency. This centre will enable SEAS to establish links and strong connections for our members with the 46 member developing countries (DMCs) that are within influence of the ADB in the Asian region.

2. In 2014 SEAS partnered with The Carbon Trust (UK), who have helped thousands of SMEs in the UK become more energy efficient. Based on their experience, they will be able to advise and assist SEAS and our members on how to best work with SMEs to develop appropriate programs and mechanisms to make energy efficiency attractive to smaller manufacturing companies.

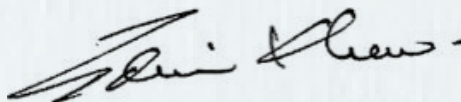
3. As a representative of the energy service companies (ESCOs) and the many RE technology and services companies in Singapore, SEAS is constantly looking out for opportunities that will help our ESCO and RE members increase their businesses in Singapore and the region. We therefore signed an MOU with JTC in June 2014 to help JTC buildings become more sustainable. This will allow members to showcase their technologies and hence develop innovative clean technologies in Singapore. This also further establishes Singapore as a living laboratory for clean technologies and provides SEAS members with a good reference point for their technologies and innovations. A few projects by SEAS members have already been awarded grants and are currently being test-bedded in Cleantech One under the joint JTC-SPRING grant.

In the area of thought leadership, SEAS aims to establish itself as a leader in clean energy and energy efficiency. In 2014, SEAS organised the first Asia Clean Energy Summit (ACES) together with the Solar Energy Research Institute of Singapore (SERIS), and the Energy Research Institute @ NTU (ERI@N), who were co-organisers. ACES brought together key leaders of the industry, government, and academia, building opportunities between these three sectors. Renewable energy issues were discussed and debated including most appropriate ways to finance renewable energy and apply appropriate policies as well as technologies. Attended by 800 delegates, ACES was very well received. We hope to continue to build on this successful event to develop and provide members with a platform to learn and discuss innovation and technologies, and also a platform to promote and sell their technologies, systems and services within and outside Singapore.

Moving forward, SEAS aims to help our members grow their business through cultivating more business opportunities in Singapore and the region. This will be aided by SEAS' efforts to grow our presence in the region through our various projects and partnerships, connecting the wider regional network with you, our members, in Singapore. SEAS and its Council also continue to develop closer links to Singapore government agencies and to work and collaborate with these agencies to promote and establish business and technology upgrading opportunities for our members in Singapore and the region. Capability development is also very important as we grow our businesses, thus we will also work on providing more new training courses within our training centre in SEAS to expand the capabilities of the staff of our members and also their customers. This will mean more business and greater efficiency in services and management within each members' companies.

SEAS is your association and the Council, Secretariat and I look forward to your continued support and participation. We will continue to strive as an Association to support and help each member to grow and progress in your business. May 2105 be a successful, healthy and fulfilling year for all SEAS members.

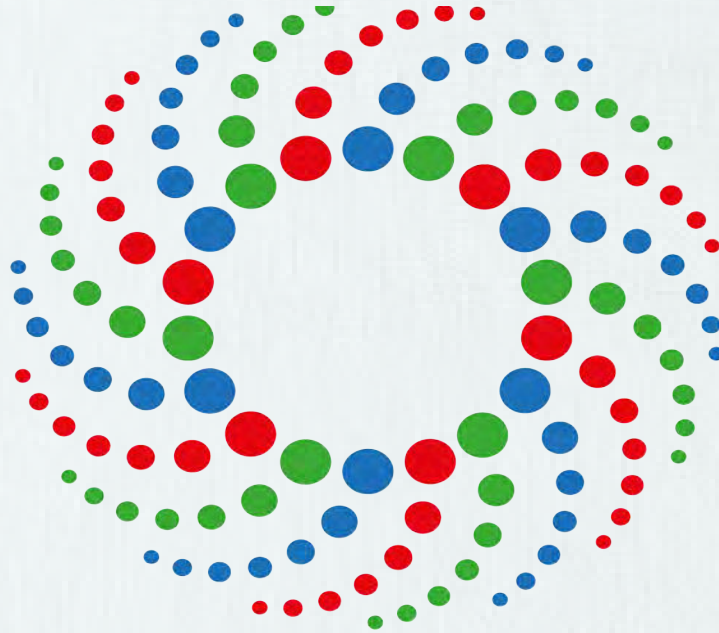
Warm Regards,



Er. Edwin Khew PBM
Chairman, SEAS



02



Asia Clean Energy Summit 2014

The inaugural summit gathering leaders from industry, the public sector, and academia

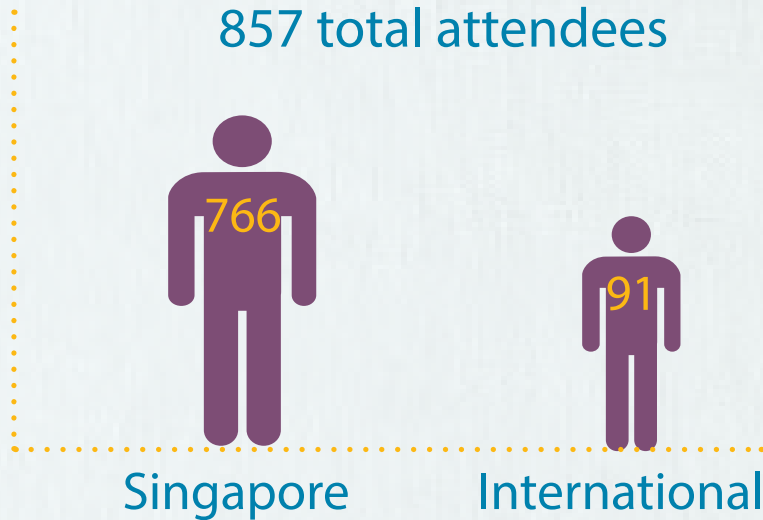
There has been much discourse about the role of sustainable energy 20 or 30 years from now, where many reports describe the growth and rise in importance of clean energy and energy efficiency especially in Asia. Even the recent drop in oil prices has not caused that much concern as the price of oil has been fluctuating and the number of clean technology solutions available in the market has been steadily increasing. However, this buzz and excitement isn't enough to ensure a greater adoption of clean energy solutions.

The Asia Clean Energy Summit (ACES) was organised to bring together three different sectors that each play a large role in accelerating the adoption of clean energy. Held from the 28th to 29th of October 2014, the inaugural ACES attracted about 800 leaders from academia, industry and the public sector. SEAS was the main organiser of ACES, and the Energy Research Institute @ NTU (ERI@N) and Solar Energy Research Institute of Singapore (SERIS) were co-organisers.

The ACES post-show report, available on the ACES website (www.asiacleanenergysummit.com) detailed the issues discussed during the conference. Topics of great interest such as the rise of solar leasing as a low-cost business model, and the importance of connecting renewable energy to the grid were discussed. Some panel discussions emphasized the need for more government support to boost the growth of clean energy. ACES also saw the launch of a few key initiatives that showed Singapore's further progress is becoming a hub for sustainable energy in the region.

ACES was officially launched by Minister S Iswaran, who said in his speech that, "as the definitive clean energy event in Asia, ACES provides a good platform for decision makers to come together to debate issues and focus on being future-ready. Shaping the future of clean energy is a collective effort and we need to work together to realise the full promise of its widespread adoption". Throughout ACES and even in SIEW itself, the theme of having a combined effort from all sectors of society was emphasized.

Visitors to the Asia Clean Energy Summit 2014



*Note: Graphics are not to scale



Top leaders meet at the Clean Energy Leaders' Dialogue, discussing best practices and debating trends and solutions in the clean energy industry.

Launch of the Renewable Energy Integrated Demonstrator – Singapore

The Renewable Energy Integrated Demonstrator – Singapore (or REIDS) was also launched by Minister Iswaran. REIDS will test and demonstrate the integration of solar, wind, tidal-current, diesel, storage and power-to-gas technologies, and ensure these energy sources operate well together. REIDS will be located offshore at Semakau Landfill and is expected to produce power in the megawatt range. This will be able to power around 250 HDB 4-room apartments, which together consume a peak of 1 MW. REIDS is expected to draw in an estimated \$8 million of investment in the grid infrastructure and an additional \$20 million of investments in industry projects. The development of REIDS emphasizes how Singapore is a living laboratory for innovative clean energy solutions and how this case study can be implemented in areas that are not connected to the main grid, like rural areas or offshore islands (which is where this test is taking place).



Launch of the National Solar Repository of Singapore

The National Solar Repository of Singapore was the other initiative launched at ACES. This website provides detailed information about solar PV in Singapore, tracking and benchmarking PV system performances as well as providing real-time weather data. Solar PV is one type of renewable energy that is growing rapidly in Singapore as the opportunities for solar are larger at the moment, given Singapore's location along the equator and increasing government support for solar PV. Thus, to provide concise information in one platform the National Solar Repository will enable relevant, up-to-date data to be readily available.



"Shaping the future of clean energy is a collective effort and we need to work together"
- Minister S Iswaran



ACES 2014 provided opportunities for open discourse, ideas, and an exchange of insights.



Maxine Ghavi, Senior Vice-President & Head of ABB's Solar Industry Segment Initiative speaking at the Clean Energy Leaders' Dialogue on the panel for New Business Models for Solar in Asia



The launches of these ground-breaking initiatives show how industry, the public sector, and academia can come together to work on solutions to address our growing energy demands. Solutions and opportunities will develop right here in Singapore to address the energy demand issue that is being faced all around the world. These launches are representative of what ACES hope to achieve and we look forward to bringing you ACES in 2015, where more insights, and best practices will be shared by policy makers and industry experts.

03



Business Development

Developing an innovative cleantech industry



SEAS provides business development services in order to connect our members to potential project opportunities, market connections, and business partners. This is key to growing the industry and forging networks in Singapore and in the region. In our 9th year since establishment, SEAS has helped many members set up in Singapore and make connections into markets in the region. Many home grown cleantech innovations have been developed and SEAS has embarked on industry projects in 2014 to help our members. Two of these projects are: the JTC-SEAS MOU and the Incubator & Accelerator programme.

JTC-SEAS MOU

SEAS members vTrium Energy and Transkinect were each awarded the \$2.5million joint JTC-SPRING Grant call for cleantech solutions and SEAS is proud to have facilitated this as part of the JTC-SEAS MOU. Under this MOU, SEAS members would be able to test-bed cleantech solutions in JTC buildings to increase their sustainability. This gives them the opportunity to test bed new innovations and take them one step closer to commercialisation. vTrium Energy and their partner Heliatek will be implementing Singapore's first organic PV installation, which is detailed in the March issue of the SEAS newsletter. Transkinect's technology is a regenerative hump, where energy is generated from the force created by a car going over a hump. SEAS member Ong Choon Sen's company Omega Solar was also awarded the grant for their hybrid solar PV technology and SEAS would like to extend our warmest congratulations.

Incubator & Accelerator Programme

The cleantech incubator and accelerator is an initiative led by SEAS to develop cleantech innovations in Singapore. Through the incubator, we helped Singapore-based consultancy Climate Resources Exchange (CRX) ink a deal with an international flavours and fragrances producer. CRX conducted an energy audit and advised them on solutions to make their production processes more energy efficient, which helped them to save energy costs. Vinod Kesava, CEO at CRX said that "SEAS provided substantial support in connecting us to good potential clients and strong networks in the industry, which gave us a good headstart". Their client is pleased with their work on their factories in Singapore and as their next project, CRX is looking to help make their regional factories more energy efficient.

The accelerator programme aims to help companies from outside Singapore that have developed technologies to expand their business here and in the region. Italian company PH Power have many business products and services and knew they wanted to grow their business in Asia. But they did not know where to start or which aspect of their business they should focus on that would be the most beneficial to them. SEAS helped them find their footing in an important business market, charting a clear path to expand their business. Using Singapore as a platform, and the networks they are able to establish with SEAS and the industry, they are able to develop good projects in Singapore and the region.



(From L-R) Mr. Heah Soon Poh, Asst. CEO, JTC; Mr. Vincent Low, Chairman of the Energy Efficiency Committee, SEAS; Mr. Png Cheong Boon, CEO, JTC; Mr. Edwin Khew, Chairman, SEAS

SME Energy Efficiency Initiative

SEAS is also leading a project known as the SME Energy Efficiency Initiative (SMEEEE) that aims to help manufacturing SMEs reduce their energy costs. This initiative is supported by SPRING and iDA, and SMEs can make use of the ICV Voucher, iSPRINT, and CDG grants to fund the costs incurred. SMEEEE targets SMEs in manufacturing industries that are heavy energy users: food manufacturing, chemical, marine, and precision engineering. We help connect SMEs to energy auditors who will analyse, monitor and manage their energy usage. Then SMEs will be presented with possible solutions that will help them reduce their energy bills, and increase energy efficiency and productivity.

To date, SEAS has advised 100 SMEs and counting, and many are interested in how the initiative can help their business. We have helped some of these SMEs conduct audits and we have begun on a couple of implementation projects. However, the initiative has had its challenges in getting even more SMEs involved, as many SMEs do not have enough upfront capital or manpower to commit to a long term implementation project. SEAS has thus partnered with the Carbon Trust, who have been running a similar programme in the UK for SMEs for many years, to develop a programme to make the initiative easier to embark on, and ensure that SMEs understand how they can benefit and sustain their energy savings and efficiency.

Business and Trade Missions

SEAS organises business and trade missions to the region enable our members to expand their networks and grow potential sales through these missions. Last year, our members reported \$2.7million in projected sales from trade missions that we organised. We brought 12 member companies on 2 trade shows in 2014 – the inaugural Myanmar Green Energy Summit, and the Indonesia Building+Solar Expo. The business mission to Thailand was also very well received by participating companies.

Business and Trade Missions in 2014



Business Mission: Bangkok, Thailand

24-26 March 2014



The Thai government was among the first countries in Asia to introduce incentive policies for the generation of electricity from renewable energy sources. This has led to rapid growth - particularly in solar. Thus, SEAS brought 6 member companies to Bangkok, Thailand, to identify opportunities in solar pv, biomass and energy efficiency, to boost market growth, projects access, and joint ventures in Thailand. The 6 companies that went were: REC Solar Pte Ltd, Chloride Batteries Asia, CpVT, Actsys Process Mgmt Consultants, Solareo, and Biosphere Capital.

Trade Mission: Myanmar Green Energy Summit

5 - 6 August 2014



Myanmar has huge untapped potential in renewable energy. The government have begun inviting foreign technical expertise and investment for participation in its hydropower, wind, and solar sectors, expanding the capacity of existing renewable energy plants and implementing new green energy production projects. In view of this potential, SEAS brought 7 member companies to the Myanmar Green Energy Summit 2014 to explore Myanmar as a market: Canadian Solar, DNV GL, Kipp & Zonen, KSE International, OV Logistics Pte Ltd, REC Solar, and Yingli Green Energy.

Trade Mission: Indo Solar + Building Expo

14 - 16 August 2014



The Indonesian Government targets to provide 17% of total energy from renewable energy sources and reduce energy intensity by 11% by 2025. Along with 5 SEAS member companies, we spent 3 days meeting with a few senior government officials and Indonesian renewable energy companies. We were also privileged to have two special guests visit our Singapore pavillion: Maritje Hutapea, Director of Energy Conservation, at the Ministry of Energy and Mineral Resources of Indonesia; and Harri Santoso, Director of the Indonesian Investment Promotion Centre. The members who attended were: Multi-Contact (SEA) Pte Ltd, Kipp & Zonen, Datwyler (Thelma), REC Solar, and Clear.

04

Knowledge Development



Raising Singapore's status as a hub for knowledge development

SEAS aims to be the one stop information and training provider in the area of sustainable energy, and we run training courses and conferences in energy efficiency, renewable energy, smart infrastructure, as well as funding & financing of clean energy projects. Our trainers are highly qualified academic professionals, industry specialists, and professionals that are successful and sought after practitioners in the area of sustainable energy. They have as a group successfully executed a multitude of energy projects with varying complexities and demands both locally & regionally.

Certified Courses to establish industry standards

As industry processes get more streamlined and regulated, more quality standards and proficiency courses are needed. SEAS is a certified training centre for the major energy standards in Singapore and the certified courses we provide are:

- The Singapore Certified Energy Manager (SCEM) programme
- The WSQ Perform Design and Installation of PV Systems and WSQ Perform Maintenance of PV Systems courses
- The IRCA Certified ISO 50001 Energy Management System (EnMS) Lead Auditor course

The Singapore Certified Energy Manager (SCEM) programme offers a formal training and certification system in the area of energy management. Another set of certified training courses we provide are the WSQ Perform Design and Installation of PV Systems, and WSQ Perform Maintenance of PV Systems courses. This adds value to the industry as more workers who are in industries that are relevant to solar PV like building and construction for example, are equipped with additional skill sets and this increases the number of qualified workers in the industry. ISO 50001 Lead Auditor Training is designed to give participants the relevant skills and knowledge to carry out audits of Energy Management Systems (EnMS). To date, SEAS has trained 787 certified Singapore Energy Managers, 229 candidates in the WSQ Solar PV courses, and 47 candidates in the ISO 50001 Lead Auditor course.



Knowledge Development to boost business growth

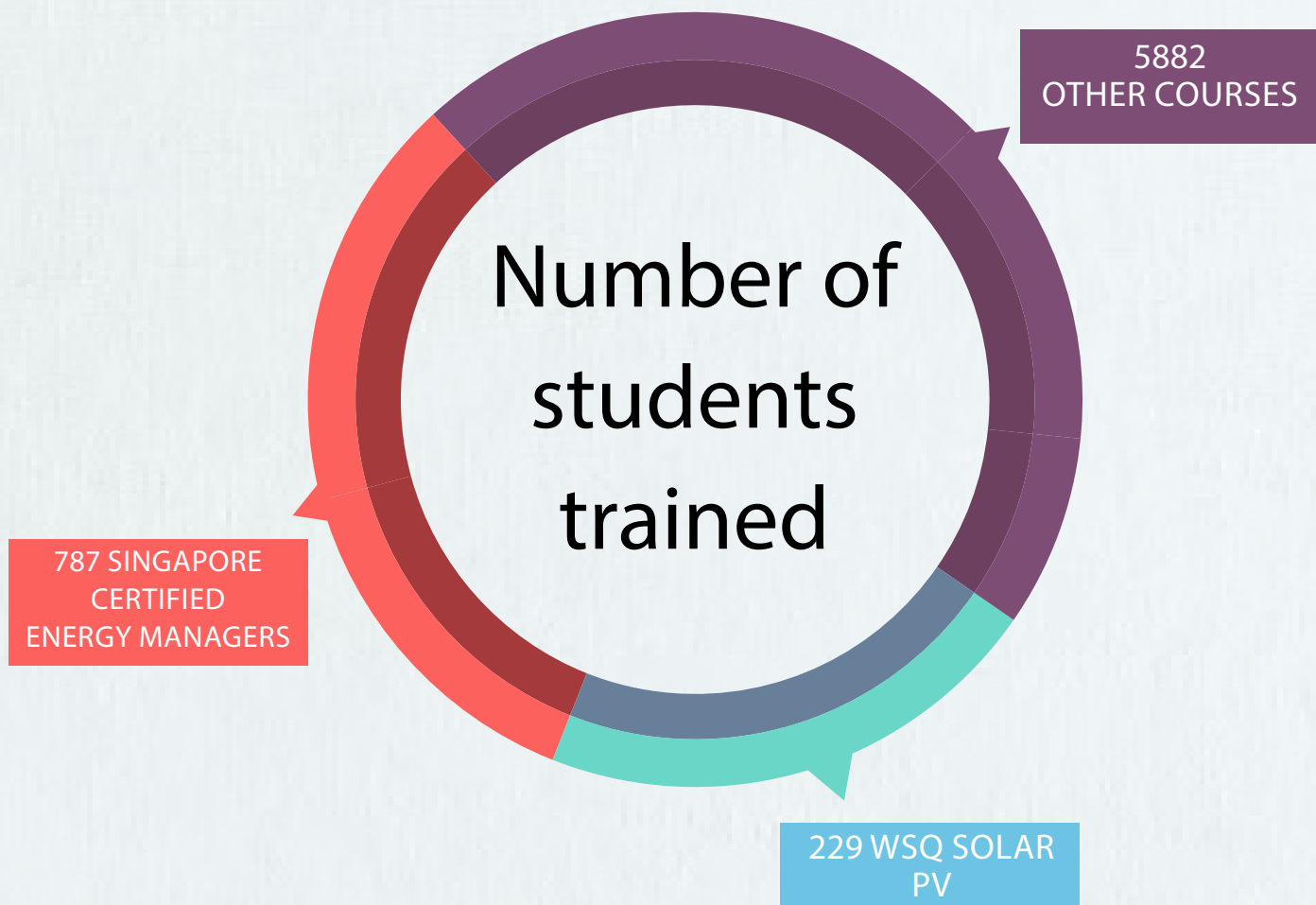
SEAS has developed a total of more than 60 training courses to date that include courses in sustainable energy topics and financing. As interest in the industry grows, more people find that they need a greater understanding of sustainable energy topics and how they can harness business opportunities. This is especially so for areas that are in the early stages of development in Singapore like smart technologies. Some of the courses we conducted in 2014 are:

- Green Data Centre
- Solar Power Financing
- Solar Thermal
- Wind Power
- Understanding Electricity Markets
- Demand Control Ventilation in Critical Environments (Cleanroom, Laboratory & Healthcare)

SEAS does a market needs analysis to understand what type of capabilities the market needs, and works together with companies, industry experts, and trainers in those areas to determine the target market for these courses and develop course material. To date, we have trained about 7,000 professionals in our supported or organised events. These courses help sustainable energy companies and companies with interests in this space stay on top of the latest developments and know-how in the fast-moving clean energy industry.

Regional Knowledge Development

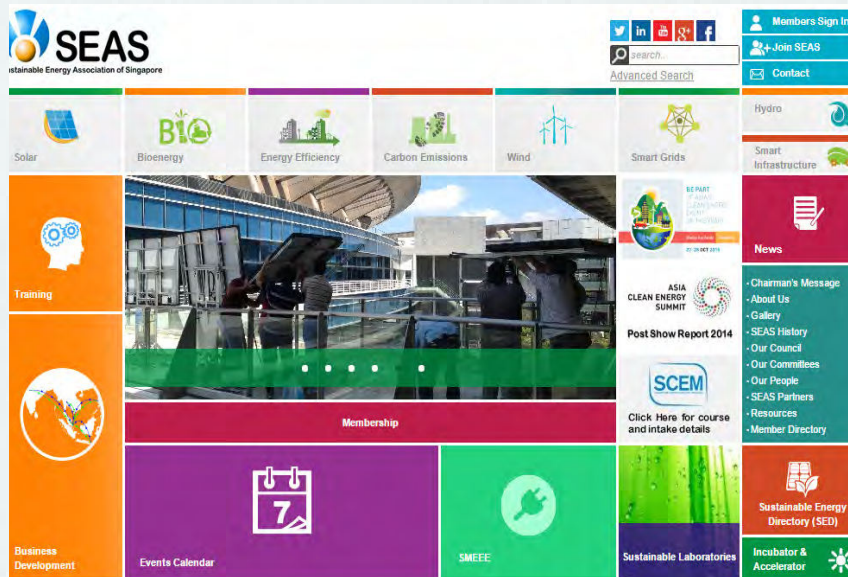
In addition to increasing knowledge capability in Singapore, SEAS has also begun organising courses for regional participants to grow regional knowledge development in sustainable energy. In March 2014, SEAS, together with Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, organised a workshop for government officials from the Asia Pacific region on how to facilitate private sector investment in renewable energy. Yanis Boudjouher, CEO of ReEx Capital Asia; Thomas Pang, CEO of Keppel Infrastructure Fund Management; and Andrew Affleck, Founder and Managing Partner of Armstrong Asset Management, were some of the experts that led the session of about 40 government representatives and policy makers from the Asia Pacific region. For one whole day, policy makers were able to speak directly to private investors to understand their concerns and how they can help address them. They were also able to understand the kind of legislation they need to develop that would encourage more private sector investment in renewable energy. It is through workshops like these that SEAS helps two sectors of society understand one another in order to take down the barriers to a greater understanding of sustainable energy topics.



*Note: Diagram is not to scale.

05

Membership Communications & Engagement



Creating a Sustainable Energy ecosystem



The key strength of any association is its members and their ability to leverage off each other's capabilities and networks. That's exactly what we aspire to do by creating platforms like our committee meetings which are small & sector specific, and networking events that are more general. Not only are these platforms where members can hear from invited speakers, discuss about new legislations or a new project, but these platforms are opportunities where members can seek advice, exchange insights and support each other. We believe all our members are pioneers as they have all chosen a sector that is new, path breaking and could change the way the world looks at how energy is produced and consumed.

Committee Meetings and Networking

Through our sector specific committee meetings, SEAS is able to engage our members. We had a total of 16 meetings in 2014 for the clean energy, energy efficiency, sustainable laboratories committees, and the bioenergy working group which is part of the clean energy committee. The sustainable laboratories committee and bioenergy working group are new and were launched in 2014 as the impact that these sectors have on the industry as a whole are growing. In the case of the sustainable laboratories committee, keeping the processes in laboratories energy efficient is a huge opportunity in Singapore as we have many energy intensive R&D outfits. Thus SEAS has partnered with the Energy Research Institute @ NTU (ERI@N) to launch the Sustainable Laboratories Group, to gather stakeholders to discuss topics specifically for laboratory sustainability in the tropical climate. In October, SEAS featured this launch in our newsletter.

To keep the discussions in committee meetings as dynamic and value-added as possible, SEAS invites speakers to our committee meetings. These speakers are usually specialists in a particular field related to the topics to be discussed during the committee meeting, or government representatives who can discuss pertinent issues facing the industry with our members. Our committee meetings usually see about 15-25 attendees, but this number can grow depending on the topics being discussed.

One of the larger meetings held in 2014 was the Clean Energy Committee meeting, which saw about 70 attendees. Held at the KPMG clubhouse, the meeting saw speakers from KPMG, EMA, and the Climate Change Trust Fund of Indonesia address our members. Gregory Thomassin, Assistant Manager, Global Infrastructure Advisory, KPMG Services Pte Ltd gave a presentation on "Challenges & Opportunities in the Regional RE Markets". This presentation gave detailed analysis of the outlook of renewable energy in ASEAN, and what the investment



benefits would be. He also shared what the key risks were, and what were the ways to mitigate them. We also invited the Climate Change Trust Fund from Indonesia also shared how they supported the government's goals to achieve greenhouse gas emission reductions initiatives. Representatives from the EMA updated our members with the new enhanced regulations for generation of intermittent sources of energy and got feedback from our members regarding these regulations well, creating a dynamic discussion. There was a networking session after the event kindly sponsored by KPMG and our members got the opportunity to interact with each other and with the speakers.

Branding the association, our members and the industry

Being equipped with the right tools to communicate with our members and the industry at large is important. So is crafting clear messages about the association to our members, and about our members to the community at large. Thus, SEAS embarked on a campaign in 2014 to increase media engagement, refresh our brand, and raise our online presence.

Our new website with a fresher, modern look has been launched. It is easier to use, and information about our various services, programmes and membership benefits are clearly classified. The SEAS website is the first point of contact with the association for many who wish to find out more about sustainable energy in Singapore, or get in contact with a member company. For example, many enquiries about the SME Energy Efficiency initiative came in through our website. Some of our members joined us because they came across our website and joined the association for the benefits they would receive to their business. Thus the SEAS website is very important in establishing the profile of our members, the association, and the industry as a whole.

Our namecards were also revamped to reflect the fresh colours which is the new SEAS brand. We produced marketing collaterals that our secretariat and members would use often such as pens, lanyards, and notebooks as they would help reinforce our brand. In using these items our brand would be visible to a greater number of people.

As a result of our branding activities raising the awareness of SEAS' projects, SEAS Executive Director Kavita Gandhi was interviewed for a special report on associations under the LEAD grant in The Business Times on the 3rd of September 2014. SEAS Chairman Edwin Khew was approached for interviews about what the association achieved in the Foreign Affairs magazine. SEAS council member Christophe Inglin also contributed to the 6th issue of the BCA magazine BuildGreen.

Consistently communicating within the industry and with the various stakeholders has helped in positioning Singapore as a leader in sustainable energy in the region. SEAS will continue to raise the profile of the industry and of SEAS as an association.

06

The SEAS COUNCIL

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The SEAS Council consists of 13 Members. These officials are elected from the SEAS Member companies. Currently the Council is chaired by Mr. Edwin T.F. Khew.

The patron of SEAS is Ms. Grace Fu,
Second Minister for the Environment and Water Resources,
Minister, Prime Minister's Office,
Second Minister for Foreign Affairs.



Mr. Edwin T.F. Khew, Chairman

Mr. Edwin T.F. Khew is the Managing Director of Anaergia Pte Ltd and is responsible for the SE Asian region and all R&D being done by the group in Asia. Singapore is also the financial centre for Anaergia's project development and financing for all projects undertaken by the group in Asia



Mr. Christophe Inglin, Deputy-Chairman & Chairman, Clean Energy Committee

Mr. Christophe Inglin is the Managing Director of Phoenix Solar Pte Ltd, which he co-founded in 2006. The company is now one of Singapore's leading contractors for design and installation of solar PV power systems.



Mr. Vincent Low, Honorary Treasurer & Chairman, Energy Efficiency Committee

Mr. Vincent Low is the Vice President (Business Development) for G-Energy Global Pte Ltd. (Singapore). The company is recognized as an Energy and Sustainable Design consulting firm and also helps companies to achieve the Building Energy Efficiency Labelling Award.



Mr. Low Kian Beng, Honorary General Secretary

Mr. Low Kian Beng is the Group Deputy Chief Executive Officer and Executive Director of ecoWise Holdings Limited, a Singapore SGX listed environmental company.



Ms. Sandra Seah Honorary Asst. General Secretary

Ms. Sandra Seah is a Partner at ATMD Bird & Bird LLP, an international law firm. Sandra has extensive experience in energy and environmental regulatory work in Singapore.



Mr. Yanis Boudjoher, Chairman, Finance Committee

Mr. Yanis Boudjoher is CEO of ReEx Capital Asia Pte Ltd. ReEx Capital Asia is a leading clean energy investment banking and consulting boutique specialized in the Asia Pacific region.



Mr. Michael Heng, Co-Chairman, Smart Infrastructure Committee

Mr. Michael Heng is the President and CEO of Energycorp Global Pte Ltd. Energycorp promotes renewable energy from wind, solar and other natural sources, supporting unique value innovations to harness renewable natural energy.



Dr. Sanjay Kuttan Co-Chairman, Smart Infrastructure Committee

Dr. Sanjay Kuttan is the Director and Country Manager Clean Technology Centre, DNV GL. The company provides risk management and technical advisory services across the power and energy sectors.



Mr. Nilesh Y. Jadhav, Chairman, Sustainable Laboratories Committee

Mr. Nilesh Y. Jadhav is currently a Senior Scientist and Program Director at the Nanyang Technological University (NTU), Singapore. He leads the EcoCampus initiative at NTU.



Mr. John Taylor

Mr. John Taylor is vice-president responsible for Asia Pacific and the Middle East sales and marketing in AEG Power Solutions' Energy Management Solutions Division.



Mr. Dallan Kay

Mr. Dallan Kay is the President & CEO of Diamond Energy Group. The company, founded by Mr Kay, has been trading Interruptible Load, a form of Demand Response, since 2006.



Mr. Martin Cooper

Mr. Martin Cooper is CEO of REC Solar ASA. He joined REC in July 2013, and has over 27 years finance experience having worked in a wide range of international industries.



Mr. Philip Doyle

Mr Philip Doyle joined KPMG's Research and Development Incentives team in April 2013 where he works with innovative companies across the Asia Pacific region to improve their knowledge of, and access to, research and development incentives and government support.

07

SEAS Committee Structure



The following
Government agencies
act as advisors to the
Council:



Patron

Ms. Grace Fu

Minister, Prime Minister's Office,
Second Minister for the MEWR,
Second Minister for Foreign
Affairs

The following
Government agencies
act as advisors to the
Council:



Mr. Edwin Khew

Chairman, SEAS
Managing Director,
Anaergia Pte Ltd



Mr. Low Kian Beng

Honorary Secretary, SEAS
Executive Director & Deputy CEO,
ecoWise Holdings Ltd



Mr. Vincent Low

Honorary Treasurer, SEAS &
Chairman of the Energy
Efficiency Committee, SEAS
Vice President,
G-Energy Global Pte Ltd



Mr. Christophe Inglin

Deputy-Chairman, SEAS, &
Chairman of the Clean
Energy Committee, SEAS
Managing Director,
Phoenix Solar Ltd



Mr. Michael Heng

Co- Chairman of the
Smart Infrastructure
Committee, SEAS
President & CEO, Energycorp
Global Pte Ltd



Dr. Sanjay Kuttan

Co- Chairman of the
Smart Infrastructure
Committee, SEAS
Director and Country
Manager, Clean
Technology Centre, DNV GL



Mr. Yanis Boudjouher

Chairman of the Finance
Committee, SEAS
CEO, ReEx Capital Asia



Mr. Nilesh Y Jadhav

Chairman of the
Sustainable Laboratories
Committee, SEAS
Senior Scientist & Programme
Director, EcoCampus Initiative

Headquarters

1 Cleantech Loop
#02-16 Cleantech One,
Singapore 637141

Tel : +65 63388578
Fax: +65 66942178

info@seas.org.sg

Training Centre

9 Penang Road,
#08-02 Park Mall,
Singapore 238459

Tel : +65 63379886
Fax: +65 63376658

training@seas.org.sg



Sustainable Energy
Association of Singapore
www.seas.org.sg