



Date : 16 – 20 April 2012
Highlights : Large and Small Scale Solar Projects
Technology Transfer and Adopters
Key Decision Makers and Project Partners



Brief

SEAS, with support from Spring Singapore and IE Singapore under its LEAD Grant, is organizing a mission to India targeted at identifying and securing partnerships for its members to commercialize on Solar PV and Energy Efficiency projects in India.

After a recent SEAS trip to India several opportunities were identified through meetings with private sector organizations, leading industry associations and government linked companies. This mission will build on opportunities identified for Singapore companies seeking business in Indian alongside meetings with other relevant association members in India.

Country Opportunities

Total installed power generating capacity in India reached 156 Gigawatts (GW) in 2009. Thermal power accounted for almost 64% of total installed capacity, hydropower for 23.7%, other renewable energies for 9.7%, and nuclear power for 2.6%. Among the six regions of India, the Western Region generates the largest portion of the total installed capacity. India ranks as a “wind superpower” with a net potential of 45,000 MW from 13 identified states. Large and small scale Biomass and Waste to Energy solutions are in high demand supported by the large agricultural sector and urbanization. In March 2008, total installed generating capacity of RE reached 13,000 MW, with wind energy constituting 67% of it, followed by small hydro with 17%. By March 2010, RE accounted for 10% of India’s total generating capacity.

Indian Project Development and Technology Highlights

- India has set ambitious plans to promote clean energy in the country with investments of \$241 billion over the next ten years.
- The Government has now set more ambitious targets for 2020, and set up eight National Missions under its National Action Plan for Climate Change to meet these targets.
- India currently has the fifth largest wind generation capacity in the world. Since the wind energy potential is very high in India, the Government continues to promote investments in this area. The Wind Energy Association and the Government have targeted a 20% contribution to the National grid from wind energy sources by 2020 as compared to the current 3%.
- Currently, promoting investments in the solar sector is of the highest priority of the National and several State Governments. This includes Solar Photovoltaic (SPV) and solar thermal / CSP generation capacities, and manufacturing. The national solar mission has been set up to scale up and spur investments in the sector to meet the target of 22GW installed capacity by 2020.
- Energy Efficiency (EE) is of the highest priority in India currently and several initiatives are been designed and implemented to achieve EE from both the supply and the demand side.
- India already has the second largest number of projects registered under the Clean Development Mechanism (CDM) with an aim for further growth in this sector.

SEAS LEAD Grant funding supports up to 50% of eligible expenses for companies on this mission



Supported By



Additional Information:

Reimbursement under SEAS LEAD Grant

- Up to 50% of common costs, networking, secretarial support, logistics, and third party consulting costs may be covered during the mission.
- Company employee must not be enjoying Double Tax Deduction (DTD) incentive for this same activity.

Double Tax Deduction Scheme (DTD)

- Eligible companies can apply to IE Singapore for double tax deduction for travel and accommodation costs up to two (2) employees per participating company. For more details, please refer to IE Singapore website: <http://dtd.iesingapore.gov.sg> or Customer service centre: 1800-IESPORE

Administrative Details:

- Please email a completed version of this registration form to Nor Azlyn email: azlyn@seas.org.sg.
- SEAS Members are required to pay the **Mission Fee** as mentioned below to confirm their participation.
- Non SEAS Members: Please include a per company **Administrative Fees** of \$500 in addition to the **Mission Fee** along with this form to confirm your participation.
- Any Fee charged will only be refundable up to 30 days prior to mission travel dates or in the event of mission cancellation.
- All cheques are to be made payable to “Sustainable Energy Association of Singapore”. Please mail the cheque to the address as indicated below.
- Participants will need to book their own airfare tickets and hotel accommodation. SEAS will recommend hotels and travel routes / times.
- Grant will be on reimbursement basis after the completion of the mission and submission of necessary documents. Please retain original recipients of all expenses.

Cost Per Company (Pre LEAD Grant)	Energy Efficiency Participant (2 Days)	\$S 700 (First Person Mission Fee)
	Solar Sector and Other Participant (4 Day)	\$S 1,400 (First Person Mission Fee)

REGISTRATION FORM - Attn: Nor Azlyn (Closing Date: 6 March 2012)		Ref No:
Name (Mr/Ms):	Designation:	For Official Use (PC):
Tel:	Email:	
Company:	SEAS Membership #:	Serial No:
Address:	

Programme of Meetings and Activities

Date	Tentative Mission Programme for Solar & Energy Efficiency Sector Engagements
Sunday 15 th Apr	<ul style="list-style-type: none"> • EE companies Depart for Delhi, India from Singapore
Monday ,16 th Apr <i>Focus : EE</i>	<ul style="list-style-type: none"> • Alliance for Energy Efficient Economy (AEEE) : 1-on-1 meetings with members • Solar companies Depart for Delhi, India from Singapore
Tuesday , 17 th Apr (Delhi) <i>Focus : EE/Solar</i>	<ul style="list-style-type: none"> • Large Public sector companies • Private sector ESCO's, Solar project developers • 1-on-1 Meeting with Members of Confederation of Indian Industries (CII), Solar Energy Society of India (SESI),
Wednesday, 18 th Apr (Mumbai, Maharashtra) <i>Focus : Solar</i>	<ul style="list-style-type: none"> • Project Briefs from Consultants • Singapore Company Capabilities in PV sector • 1-on-1 meetings with Project Developers Day Sharing Session and PPA Owners • Networking Reception (CII, Consultant, SIEW, Etc)
Thursday, 19 th Apr (Gandhi Nagar, Gujarat) <i>Focus : Solar</i>	<ul style="list-style-type: none"> • Depart for Gandhi Nagar (<i>morning</i>) • Meetings with Local key decision makers bodies • Attending the Intersolar Gujarat Summit
Friday, 20 th Apr (Gandhi Nagar, Gujarat) <i>Focus : Solar</i>	<ul style="list-style-type: none"> • Meetings with Solar Project Multipliers (<i>consultants, project developers, etc</i>) • Attending the Intersolar Gujarat Summit • Return to Singapore

Requirements for Participants of this Mission: (*pre mission*)

- 1) Attendance at the Mission Briefing on 10th April 2012 at SEAS office.
- 2) Submission of a 5 minute PowerPoint presentation to SEAS with a pitch on company capabilities
 - a. This will be presented by the mission participant at the 1-on-1 meetings lined up in Delhi and Mumbai
- 3) 1 page Company Profile with contact information submitted to SEAS
- 4) Full payment of Mission Fee and Administrative Fee if applicable.
- 5) Travel Visa prior to travel

For further enquiries, please contact Yatin Premchand @ 6338 8578 or email: yatin@seas.org.sg

Additional Information, Subsidies and Support

Visa Requirements: It is strongly advisable to secure a multi entry business visa in Singapore prior to departure.

Program Attendance Requirements: Companies may choose to attend only part of the program

SEAS LEAD Grant Support: Companies may choose to send a local Indian representative but all payments and documentation must be made by the Singapore office.

Additional Attendees: Companies may choose to send additional representative on this mission. Please contact the Secretariat for Mission Fee for additional participants from the same company.

Recommended Flight Carriers: Singapore Airlines (Int.), Jet Airways, IndiGo (Domestic) and JetLite (Domestic)

Weather: April is the end of spring session in north India with temperatures ranging from 22° C – 30° C