

International Solar Alliance (ISA)

Paris Declaration on International Solar Alliance on 30 November 2015



Representatives from around 70 countries including more than 30 Heads of the States and Heads of the Government participated in the ISA launch ceremony

- Recognizing that sustainable development, universal energy access, and energy security are critical to the shared prosperity and future of our planet, and acknowledging that clean and renewable energy needs to be made affordable for all, **we do hereby declare our intention to support India's proposal to launch an international solar alliance as a common platform for cooperation among solar resource rich countries lying fully or partially between the Tropics of Cancer and Capricorn.**
- United by a shared vision to bring clean, affordable and renewable energy within the reach of all, we affirm our intention to join the international solar alliance as founding members to ensure the promotion of green, clean and sustainable energy, and to draw on the beneficence of the Sun in this endeavour.
- We share the collective ambition to undertake innovative and concerted efforts with a view to reducing the cost of finance and cost of technology for immediate deployment of competitive solar generation assets in all our countries and to pave the way for future solar generation, storage and good technologies adapted to our countries' individual needs.

Paris Declaration on International Solar Alliance on 30 November 2015



Contd-

- United by our objective to significantly augment solar power generation in our countries, we intend making joint efforts through innovative policies, projects, programmes, capacity building measures and financial instruments to mobilize more than 1000 Billion US Dollars of investments that are needed by 2030 for the massive deployment of affordable solar energy. We recognize that the reduced cost of finance would enable us to undertake more ambitious solar energy programmes to bring development and prosperity for our people.
- We intend working together towards the development of appropriate benchmarks, facilitating resource assessments, supporting research and development and demonstration facilities, with a view to encouraging innovative and affordable applications of solar technologies.
- Desirous of establishing an international alliance of countries dedicated to the promotion of solar energy as an effective mechanism of cooperation, we agree to create an International Steering Committee, open to interested countries, to provide the necessary guidance, direction and advice to establish the international solar alliance.

ISA - Key Focus Areas



1. Common Knowledge Platform

Knowledge platform for Sharing of policy development experiences, best practices, online real time consultations, discussion groups, demo of best practices

2. Financing Solar with more than US\$ 1000 Billion

Developing synergy and earmarking low cost, long tenor financial resources from bilateral and multilateral agencies, sharing of innovative financial mechanisms

3. Technology

Joint R&D, networking of Centre of Excellence

4. Capacity Building

Focussed training programmes and exchange of officials/ sector experts/ Students, interns

5. Projects and Programmes to create buyers market

- Scaling solar applications for agricultural use
- Affordable finances at scale

Prospective member countries of ISA

S. No	Member Countries and Territories	S. No	Member Countries and Territories	S. No	Member Countries and Territories
1	Algeria	42	France	83	Papua New Guinea
2	Antigua and Barbuda	43	Gabon	84	Paraguay
3	Angola	44	The Gambia	85	Peru
4	Argentina	45	Ghana	86	Philippines
5	Australia	46	Grenada	87	Rwanda
6	Bahamas	47	Guatemala	88	St. Lucia
7	Bangladesh	48	Guinea	89	Saint Kitts and Nevis
8	Barbados	49	Guinea-Bissau	90	Saint Vincent and the Grenadines
9	Belize	50	Guyana	91	Samoa
10	Benin	51	Haiti	92	Sao Tome and Principe
11	Bolivia	52	Honduras	93	Saudi Arabia
12	Botswana	53	India	94	Senegal
13	Brazil	54	Indonesia	95	Seychelles
14	Brunei Darussalam	55	Jamaica	96	Sierra Leone
15	Burkina Faso	56	Japan	97	Singapore
16	Burundi	57	Kenya	98	Solomon Islands
17	Cambodia	58	Kiribati	99	Somalia
18	Cameroon	59	Laos	100	South Africa
19	Cape Verde	60	Liberia	101	South Sudan
20	Central African Republic	61	Libya	102	Sri Lanka
21	Chad	62	Madagascar	103	Sudan
22	Chile	63	Malawi	104	Suriname
23	China	64	Malaysia		
24	Colombia	65	Maldives	105	Tanzania
25	Comoros	66	Mali	106	Thailand
26	Congo – Democratic Republic of	67	Marshall Islands	107	Timor-Leste
27	Congo - Republic of	68	Mauritania	108	Togo
28	New Zealand	69	Mauritius	109	Tonga
29	Costa Rica	70	Mexico	110	Trinidad and Tobago
30	Cote d'Ivoire	71	Micronesia	111	Tuvalu
31	Cuba	72	Mozambique	112	Uganda
32	Djibouti	73	Myanmar	113	United Arab Emirates
33	Dominica	74	Namibia	114	United Kingdom
34	Dominican Republic	75	Nauru	115	United States of America
35	Ecuador	76	The Netherlands	116	Vanuatu
36	Egypt	77	Nicaragua	117	Venezuela
37	El Salvador	78	Niger	118	Vietnam
38	Equatorial Guinea	79	Nigeria	119	Yemen
39	Eritrea	80	Oman	120	Zambia
40	Ethiopia	81	Palau	121	Zimbabwe
41	Fiji	82	Panama		

Programmes launched on 22 April 2016 , New York

'Scaling solar applications for agricultural use'



- **Adopt common methodologies and procedures for needs assessment**
- **Facilitate the establishment of a network of technological research centres and a digital platform**
- **Harmonize the tendering, documentation and processes for procurement of systems and components**
- **Develop common standards, and protocols for testing, monitoring, verification and certification**
- **Set up a network of test platforms to ensure quality control**
- **Share the monitoring of programmes and actual performance to improve standards, labels and practices**
- **Establish common training courses and e-learning platforms**
- **Consider the innovations and technology transfers**

Programmes launched on 22 April 2016 , New York

'Affordable finance at scale'



- **Design converging best practices and measures required to set up large scale portfolios of projects eligible to common credit enhancement mechanisms; as well as common operational conditions**
- **Develop common set of contractual documentation and practices for Power Purchase Agreements**
- **Work with the United Nations, the Green Climate Fund, Multilateral Development Banks, investors, insurers, private financial institutions and any other interested stakeholder to establish, inter alia, an international credit enhancement mechanism**
- **Conduct discussions with a groups of private solar projects developers, investors, insurers, businesses and any other interested stakeholders on the optimal terms and conditions for investment flows**
- **Organise on an annual basis RE-Invest fora that will materialize this multi-stakeholder dialogue**

UNDP-ISA Joint declaration- 22 April 2016



The Joint Declaration between ISA Cell and UNDP provides for cooperation inter-alia in the following areas:

- i. **Development of synergies with ongoing UNDP programmes and projects on solar energy in and across ISA member countries;**
- ii. **Creation of complementary linkages with ongoing global and regional efforts as pursued by a variety of multi-lateral and bilateral agencies and organizations as well as academic and civil society partners in the field of solar energy;**
- iii. **Strategic cooperation in programmatic and technical expertise, and facilitating the participation of the wider UN system towards the creation of innovation hubs in and technology transfers between ISA member countries;**
- iv. **Support the establishment of knowledge management systems as well as electronic networks and/or e-portals for the sharing, creation and management of knowledge on solar energy;**
- v. **Strengthening the development of ISA's institutional structure, and enhance its capacity development efforts through the support of training programmes and/or the exchange of technical experts, officials and technology specialists through UN Global Policy Centers;**
- vi. **Any other work areas and themes jointly discussed and decided by ISA and the UNDP.**

India's Commitment to ISA

- **India to host ISA Secretariat for 5 years (2016-21)**
- **Support of INR 175 crore (US \$27 million) to ISA for creating corpus, building infrastructure and recurring expenditure over 5 year duration from 2016-17 to 2020-21**
- **Rent free space in Surya Bhawan as per resolution passed by the Governing body of NISE**
- **5 acres of land in NISE campus (additional 5 acre under process)**

Achievements against set objectives



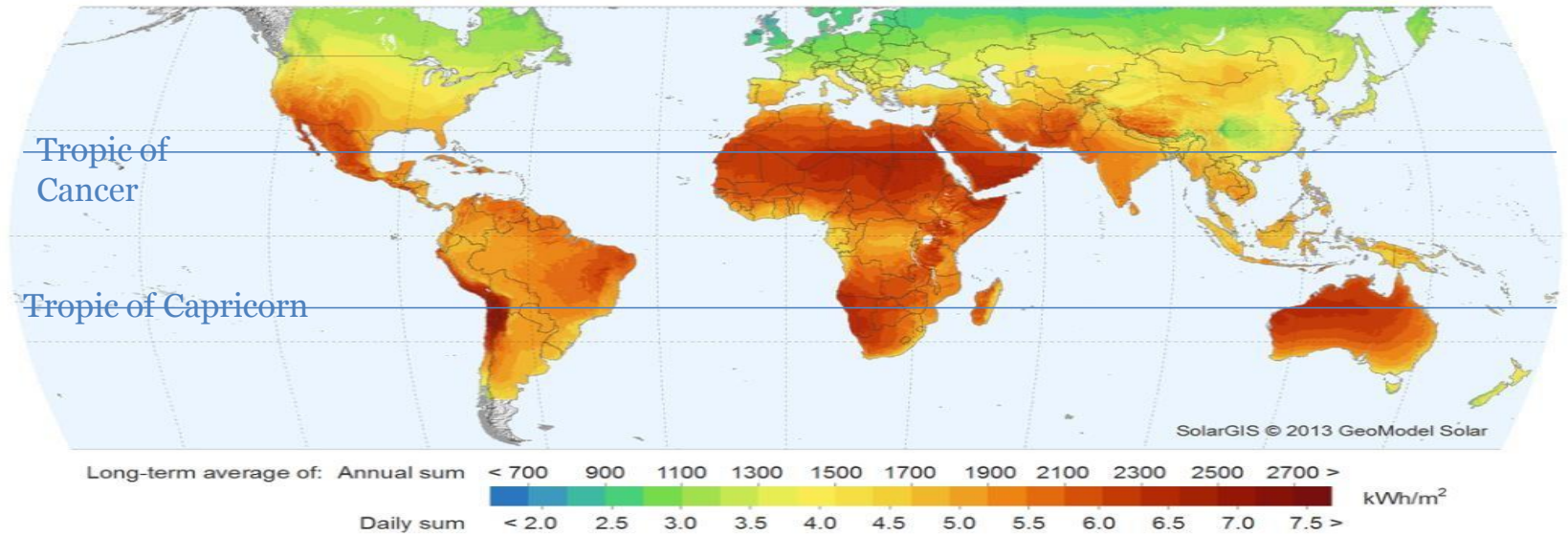
- ISA launched on 30th November 2015
- Interim Secretariat was inaugurated on 25th January 2016
- International Steering Committee (ISC) has met thrice (in Paris, Abu Dhabi and New York) between December 2015 and April 2016
- Interim Secretariat (ISA Administrative Cell) has met six times since being formed in January 2016
- Launched two programmes: **Scaling solar applications for agricultural use** and **making available Affordable finances at scale**. Three more programmes are being finalised (EU, USA and UK)
- Joint declaration on UN/UNDP becoming a strategic partner of ISA signed on 22nd April 2016
- Joint declaration on World Bank becoming a Financial Partner of ISA signed on 30th June 2016
- NISE to organise 15 Training programmes planned during 2016-18
- Web page (www.intsolaralliance.org) has been opened and is regularly updated.

PM's vision of the ISA



Hon'ble Prime Minister in his speech on 25 January 2016 (on the occasion of laying of Foundation Stone of ISA Headquarters)

ये बात सही है कि International Solar Alliance इसका Headquarters हिन्दुस्तान में हो रहा है, गुडगाँव में हो रहा है, लेकिन ये Institution हिन्दुस्तान की Institution नहीं है ये Global Institution है, ये Independent Institution है। जैसे अमेरिका में United Nations है, लेकिन वो पूरा विश्व का है। जैसे WHO है, पूरे विश्व का है। वैसे ही ये International Solar Alliance का Headquarter ये पूरे विश्व की धरोहर है और ये Independent चलेगा। अलग-अलग देश के लोग इसका नेतृत्व करेंगे, अलग-अलग देश के लोग इसकी जिम्मेदारी संभालेंगे, उसकी एक पद्धति विकसित होगी लेकिन आज उसका Secretariat बन रहा है, उस Secretariat के माध्यम से इस बात को हम आगे बढ़ना चाहते हैं।



Thank You