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**Fourth Assembly of the International Solar Alliance  
20<sup>th</sup> October 2021  
New Delhi, Republic of India**

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**21<sup>st</sup> March 2021**

# **Report of the Fourth Assembly of the International Solar Alliance (ISA)**

## **Summary**

The document presents the Report of the Fourth Assembly of the International Solar Alliance (ISA).



## Report of the Fourth Assembly of the International Solar Alliance (ISA) held on 20<sup>th</sup> October 2021

### Agenda Item 1. Opening of the Meeting

1. The President of the ISA Assembly opened proceedings by welcoming the Hon'ble Ministers, H.E. Mr. John Kerry, H.E. Mr. Frans Timmermans, and delegates from the ISA Member countries, Signatory Countries, Prospective Member Countries, Partner Organizations, and Special Invitee Organizations to the Fourth Assembly of the ISA. The President requested all delegates for a 1-minute silent prayer for those who lost their lives to the COVID-19 pandemic.
2. The President noted that the COVID pandemic has not only led to significant loss of life but also has had a catastrophic impact on the economies and way of life across the world. The President added on an optimistic note that the COVID-19 vaccinations have proved efficacious leading to several countries across the globe emerging from the COVID-19 pandemic into normalcy. He, however, cautioned that the task of enabling access to the vaccines to every individual and every family still remains, and this requires collaborative efforts amongst the global community.
3. The President reminded the Assembly that the COVID-19 pandemic presents an opportunity to 'build back better'. He identified economic recovery and the creation of livelihoods as the first priority for recovery from the COVID-19 pandemic, while also undertaking course correction to move towards sustainable development.
4. The President identified Climate Change as the second major challenge facing the global community and reminded the Assembly that the ISA was created to address this challenge. He added that the ISA was born out of the vast experience, and the desire to share the same with the global community, of the Republic of India, the Host Country of the ISA. He noted that solar energy is also amenable to small-scale generation and offers a unique opportunity for every consumer to become a 'prosumer'.
5. The President declared that environmental protection, as a matter of policy, is an important priority for the Government of the Republic of India. Consequently, the Government of India set a target of achieving 175 GW of electricity generation capacity from renewable energy by 2022, which has subsequently been enhanced to 450 GW of renewable energy capacity by 2030.

6. The President added that the Government of India had pledged the target of 40 % of electricity installed capacity from non-fossil fuel-based sources by 2030 in the Nationally Determined Contributions (NDCs) submitted at COP 21 in 2015. He informed the Assembly that the Republic of India has already achieved a share of 39 % in this regard, with a total capacity of 154 GW from non-fossil fuel sources out of a total of 387 GW. He added that an additional 67 GW of non-fossil fuel-based capacity is under construction. He expressed the belief of the Government of India, that countries need to contribute towards emission reductions as per their respective capabilities and capacities.
7. The President reminded that the ISA, as a partnership of all the countries, is focused on ensuring energy access through clean energy sources. He noted that the challenge of energy access remains and overcoming it is a pre-requisite for a meaningful energy transition. He asserted that the ISA would play the primary role in facilitating energy access in a clean & sustainable manner. He added that it is incumbent upon the developed world to enable the ISA to perform this primary role of facilitating energy access through RE solutions, noting the inalienable rights of the people to develop and ensure better livelihood for themselves.
8. The President further noted that the commitments for financial support for climate change mitigation & adaptation undertaken at previous climate conferences under the UNFCCC framework have not materialized. He asserted that there is an urgent need for financial support to materialize for several countries that still grapple with the challenge of ensuring universal energy access, so that the remaining 800 million people without energy access could be provided such access through clean renewable energy sources. He called upon the developed countries to channelize the support pledged by them through the ISA for the establishment of solar energy projects in countries with limited energy access and limited wherewithal to mobilize resources for such projects on account of a high investment risk perception.
9. The President concluded by informing the Assembly that the fourth session of the ISA Assembly will be deliberating on important strategic initiatives of the ISA aimed at facilitating clean energy access. The President invited the Co-President for her opening remarks and requested the ISA Secretariat to playback the pre-recorded video message of the Co-President to the ISA Assembly.
10. The Co-President welcomed the President, Hon'ble Ministers, and delegates to the Fourth Assembly of the ISA and expressed her pleasure in addressing the ISA Assembly. She

expressed her support and warmest greetings to the ISA Assembly. She thanked the ISA Secretariat for organizing the fourth Assembly of the ISA, noting that the year 2021 is an important year for access to modern & sustainable energy for all.

11. The Co-President noted that the UN High Level Dialogue on Energy, the first in forty years, was convened by the UN General Assembly in September 2021. She stated that the following priorities identified at the UN High Level Dialogue on Energy are also the priorities for the ISA:

- i. Closing the Energy Access Gap by 2030;
- ii. Rapidly decarbonizing energy systems by 2030 which requires quadrupling solar & wind power generation capacity;
- iii. Mobilizing large-scale predictable financing and encouraging technology dissemination for investment in renewable energy and energy efficiency to be tripled by 2030

12. The Co-President noted the need to ensure redirection of the Official Development Assistance and fossil fuel subsidies to renewable energy and to ensure that no one is left behind. She asserted that training and the creation of economic opportunities are key to ensuring that global citizens embrace the transition to renewable energy with confidence, rather than resignation or worse anger.

13. The Co-President reminded the Assembly that COP 26 was to open on October 31<sup>st</sup>, 2021 and stated that acceleration of energy transition will be at the heart of the debates at COP 26 in Glasgow. Noting that solar energy has now become one of the cheapest sources of energy, she called for a focus on the accelerated deployment of solar energy. She assured the Assembly that the Republic of France was committed to facilitating the accelerated deployment of solar energy and will continue to do so alongside the Republic of India and all its partners.

14. The Co-President declared that international cooperation is the only choice to achieve the collective goals of the global community and to achieve a higher level of ambition in the fight against climate change. She confirmed the commitment of the Republic of France, as the Co-President of the ISA, in CY 2021 with an exceptional grant of 1 Million Euros to ISA's flagship capacity building programme – the STARC project. She added that France in partnership with United Nations Industrial Development Organization (UNIDO) aims to mobilize regional and national renewable energy centres to strengthen cooperation on training, research, and

innovation in ISA member countries. She added that special attention will be paid to the countries with low deployment of solar energy, particularly Africa and Small Island Developing States.

15. The Co-President called upon other member countries to support the implementation of the STARC project to enable equitable and sustainable deployment of solar energy. She added that only a just transition, which allows the development of skills and new opportunities for employment will be a successful transition.
16. The Co-President apprised the Assembly that financing holds significance for France and that France remains fully committed to the implementation of solar energy projects in ISA member countries. She informed the Assembly that Euro 1.3 Billion out of the Euro 1.5 Billion for solar energy projects announced by the Hon'ble President of France in 2019 have been committed to projects by the French Development Agency (AFD), contributing to the development of more than 3.4 GW of solar capacity across ISA member countries, particularly in Africa.
17. The Co-President added that France is continuing its efforts to deploy innovative financing tools. She informed that the Sustainable Renewables Risk Mitigation initiative (SRMI), developed by the ISA in partnership with AFD and the World Bank, has entered its operational implementation phase and has received USD 280 Million funding from the Green Climate Fund, which will make it possible to support numerous projects in ISA member countries. With the second phase of the initiative underway, she called upon ISA member countries to collaborate on the initiative. She noted that investment in infrastructure will be key over the next few years to enable the share of renewable energy in energy systems across ISA membership to grow and said that electricity grids must be adapted to enable integration of renewable energy. Thus, she added, France welcomes India's initiative to launch the 'One Sun One World One Grid' initiative to be highlighted at COP 26 in Glasgow. She expressed pleasure that the French company, EDF, was working on the feasibility study for the initiative.
18. The Co-President concluded by calling upon ISA's Partners to support ISA's efforts by mobilizing their expertise in solar energy to strengthen ISA's ambition even more. The Co-President wished an excellent fourth session of the ISA Assembly to the delegates.

19. The President thanked the Co-President for her remarks and invited H.E. Mr. John Kerry, Special Presidential Envoy for Climate Change, USA to deliver a special address to the ISA Assembly through a pre-recorded video message.
20. Mr. Kerry thanked the Director General and the ISA for the invitation to address the ISA Assembly. He applauded the leadership of the Republic of India, the Republic of France, and other countries of the ISA to advance the global clean energy transition. Mr. Kerry, noting the urgent message set out by the sixth assessment report of the IPCC, reminded the Assembly that the global community needs to do more to address the climate crisis and must take dramatic action to keep the goal of 1.5 C within reach during this critical decade to reduce worldwide emissions by half as a milestone to reaching net-zero emissions by 2050. He added that IPCC and IEA have emphatically clarified that limited action in the decade 2020-2030 would lead to breaching of the 1.5 C limit.
21. Mr. Kerry noted that solar energy is at the heart of the urgent climate action that the global community needs to take, corroborating it with the IEA estimate that the world needs to build an equivalent capacity of the world's biggest solar farm every single day until 2030. He added that if the global community reached net-zero emissions by 2050 then solar energy would be the single largest energy source on the planet.
22. Noting that the potential of solar energy is limitless, he informed the Assembly that President Biden recognizes the clean energy opportunity of solar energy. He added that the United States has communicated a strong new NDC ahead of COP 26 in Glasgow, with a target of 50-52 % reduction in US economy wide GHG emissions by 2030 and that solar energy would play a pivotal role in US' clean energy transition. He informed the Assembly that the Department of Energy has published a roadmap for how solar energy can economically generate 40 % of the US electricity supply by 2035, with 1000 GW of installed capacity.
23. Noting that nearly 90 % of GHG emissions were generated from outside of the United States, Mr. Kerry asserted that this makes the ISA all the more critical to facilitate the global energy transition. He noted that, with falling costs of solar energy over the last decade and solar energy being the cheapest source in several countries, ISA was starting from a strong position. He, however, noted that an incredible amount of work is needed for solar energy to reach its full potential and that the ISA has an opportunity to accelerate solar energy's growth.

24. Acknowledging India's close partnership with the USA, Mr. Kerry expressed pleasure over India's leadership in the ISA and strongly committed US support to India in reaching the target of 450 GW of renewable energy capacity by 2030. He expressed confidence that the target is achievable and will be achieved. He appreciated that India has set an example for emerging economies by reaching 100 GW of renewable energy capacity and has demonstrated innovative policy tools, that can be replicated all over the world, through low-cost auction-based solar parks backed by robust grid infrastructure.
25. Noting that India and other ISA member countries are popular investment destinations for solar energy, Mr. Kerry, however, cautioned that serious headwinds to the growth of solar energy are perceptible on the horizon. He explained that countries currently leading the solar energy sector are realizing the need for energy storage to overcome the intermittency of solar energy and this would require significant investments in energy storage, grid infrastructure, and flexibility in demand-supply to harness the full potential of solar energy. Mr. Kerry added that countries need to invest in electric vehicles and clean fuels like hydrogen to expand the reach of solar energy. He noted that innovation would be essential to making solar energy the dominant energy source of the global energy system.
26. Mr. Kerry asserted that building a solar powered economy would open enormous economic opportunities, in addition to the obvious reduction in carbon emissions. Referring to IEA's estimate, he informed that net-zero emissions by 2050 would require a quadrupling of clean energy investments to USD 4 Trillion per year with solar energy representing the single largest part of the investment. He called upon all the countries represented at the ISA Assembly to take advantage of this economic opportunity.
27. Mr. Kerry concluded by noting the unique focus of the ISA to spread solar energy to emerging economies including the Small Island states. He commended the work of the ISA and its members and reminded that solar energy is critical to collective climate goals.
28. The President thanked H.E. Mr. John Kerry and invited H.E. Mr. Frans Timmermans, Executive Vice-President, European Union to deliver a special address to the Fourth Assembly of the ISA.
29. Mr. Timmermans thanked the President and echoed the sentiments of the President on the impact of the COVID-19 pandemic encompassing loss of lives, loss of livelihoods, disruption of the way of life. He expressed the belief that the global community needs to explore the potential of rejuvenating the economies around the world so as to leave no one behind. He

noted that solar energy has a huge potential to enable quick recovery from the economic consequences of the COVID-19 pandemic and it is of essence to use the opportunity to build back better. He also noted that the ISA can make a huge contribution in this context to creating opportunity globally and facilitating energy access to the last, to bring about a tangible improvement in the lives of the people. He argued that solar energy is one of the most democratically accessible power sources humanity has ever had and noted that it could be made accessible to the remotest locations with the right technology and right training.

30. Mr. Timmermans asserted the critical nature and potentially catastrophic implications of climate change, the effects of which were perceptible with the 1 C rise in global temperatures and called for an immediate course correction. He noted the varied applications of solar energy across agriculture, community development and clean cooking.

31. Mr. Timmermans appreciated the bold step taken by France and other EU member states in supporting the ISA, while the Alliance was still at an embryonic stage. He expressed satisfaction with the rapid progress made by the ISA. He urged other EU members to join the ISA, noting the common objectives of the EU states and the legal obligation to become climate neutral by 2050 as well as reduce GHG emissions by at least 55 % by 2030.

32. Noting the huge interest in the financial world in the green bonds launched by the EU, he asserted that there is a huge appetite for sustainable investments. He called for capitalizing on this investor interest through the deployment of small-scale solar energy systems to create 'Prosumers' as well as utility scale projects. He appreciated the commitment of India in setting the target of 450 GW of installed renewable capacity by 2030 and said it was an inspiring example for other countries. Noting the pivotal role that ISA is poised to play in the solar energy sector, he committed support of the EU to the development of renewable energy capacity in India and other ISA member countries through mobilization of investment, technology transfer and technological development.

33. Mr. Timmermans apprised the Assembly of the Euro 1 Million support to the STARC project and committed support into connecting & mobilizing the support of the financial, academic, and business communities to the ISA. He added that the EU is also committed to supporting the ISA Secretariat to develop capacity building activities for its member countries.

34. Mr. Timmermans concurred with the President on the need for developed countries to extend their support to the emerging economies to enable them to develop through clean

energy sources and called for redistribution of opportunity to develop, with clean energy sources at the core.

35. Mr. Timmermans concluded by noting that the ISA Assembly, UN High Level Dialogue on Energy, and COP 26 present an opportunity for the global community to work together on shared ambitions to harness solar energy and reduce emissions by 2030. He reminded the Assembly that challenges being faced by humanity presently, encompassing Climate Change, COVID pandemic, ecosystem degradation, geopolitical difference, are unprecedented in the history of humanity and require the global community to learn to live within the planetary boundaries. He ended on the optimistic note that initiatives such as the ISA will help the global community to overcome such challenges.

36. The President thanked Mr. Timmermans for his remarks.

## **Agenda Item 2. Organization of the Work and Procedural matters**

### **a. Adoption of the Agenda**

37. The President invited the Assembly to present any comments on the Provisional Agenda for the Fourth Assembly, contained in the Working Document ISA/A.04/WD.01.

38. The President invited the Assembly to adopt the Provisional Agenda for the Fourth Assembly.

39. The Assembly adopted the Provisional Agenda for the Fourth Assembly of the ISA, as contained in the Working Document ISA/A.04/WD.01.

### **b. Organization of Work**

#### **i) Selection of Rapporteurs**

40. The President informed the Assembly that the Union of Comoros and the Kingdom of Tonga had agreed to be the Rapporteurs for the fourth session of the ISA Assembly.

41. The President thanked the Union of Comoros and the Kingdom of Tonga on behalf of the ISA Assembly for their support.

42. The President invited the Assembly to appoint the Union of Comoros and the Kingdom of Tonga as the Rapporteurs for the fourth session of the ISA Assembly.

43. The Assembly appointed the Union of Comoros and the Kingdom of Tonga as the Rapporteurs for the fourth session of the ISA Assembly.

44. The President invited the Assembly to thank the Republic of Mali and the Republic of Uganda for their support to the ISA as the rapporteurs for the first special session of the ISA Assembly.

45. The Assembly thanked the Republic of Mali and the Republic of Uganda for their support to the ISA as the rapporteurs for the first special session of the ISA Assembly.

**ii) Appointment and Report of the Credentials Committee**

46. The President informed the Assembly that pursuant to Rule 37 of the RoP, a credentials committee had been constituted with the following members of the ISA:

- i. Kingdom of Denmark
- ii. Republic of El Salvador
- iii. Republic of Guinea
- iv. Japan
- v. Republic of Kiribati
- vi. Independent State of Papua New Guinea
- vii. Republic of Seychelles
- viii. Kingdom of Sweden

47. The President invited the Assembly to appoint the Credentials Committee for the fourth session of the ISA Assembly.

48. On the proposal of the President, the Assembly appointed the Credentials Committee for the fourth session of the ISA Assembly.

49. The President thanked the members of the Credentials Committee on behalf of the ISA Assembly for their support to the ISA and invited the Committee to present its report to the Assembly.

50. Representative of the Independent State of Papua New Guinea presented the report of the Credentials Committee, as the Chair of the Committee, to the ISA Assembly.

51. The Committee requested the Member countries which had not submitted their credentials for the Fourth Assembly or had not submitted their credentials in the prescribed form to be allowed to participate provisionally, with the understanding that the credentials shall be submitted to the ISA Secretariat as soon as possible.

52. The President thanked the Chair of the Committee and invited the Assembly to thank the Committee for their report.

53. The Assembly thanked the Committee for their report.

54. The President requested the ISA Secretariat and the members of the ISA to take note of the recommendations of the Committee and implement them.

### iii) Granting of Observer status

55. The President invited the Assembly to grant observer status to the Signatory Countries that had signed the Framework Agreement of the ISA after the Third Assembly of the ISA, to the Prospective Member countries of the ISA, as per the list contained in the Information Document ISA/A.04/INF.02.

56. The Assembly granted observer status to the Signatory Countries that had signed the Framework Agreement of the ISA after the Third Assembly of the ISA, to the Prospective Member countries of the ISA, as per the list contained in the Information Document ISA/A.04/INF.02.

57. The President congratulated the new signatory countries for signing the Framework Agreement of the ISA and encouraged them to become full members of the Alliance.

### iv) 'Special Invitees/Presidential Guests' to the Assembly

#### a. Special Invitee (Other Organizations)

58. The President invited the 'Special Invitee' organizations, as listed in the Information Document ISA/A.04/INF.03, to the Fourth Assembly on behalf of the ISA Assembly and looked forward to a productive working relationship with these organizations for promotion of solar energy globally.

### v) Confirmation of the Report of the Third Assembly of the International Solar Alliance

59. The President invited the Assembly to adopt the report of the Third Assembly of the International Solar Alliance, contained in the Working Document ISA/A.03/WD.19.Rev01.

60. The Assembly adopted the report of the Third Assembly of the International Solar Alliance, contained in the Working Document ISA/A.03/WD.19.Rev01.

### vi) Granting of Partner Organization Status

61. The President invited the Assembly to grant Partner Organization Status to the following organizations, in accordance with Rule 33 of the Rules of Procedure of the ISA Assembly:

- i. Shakti Sustainable Energy Foundation, India
- ii. India Energy Forum (IEF), India
- iii. International Crops Research Institute For The Semi-Arid Tropics (ICRISAT)
- iv. Global Energy Alliance for People and Planet
- v. Kukuza Project Development Company (KPDC)
- vi. Latin American Energy Organization (OLADE)

62. The Assembly granted the Partner Organization Status to these Organizations.

63. The President congratulated the new partner organizations on behalf of the ISA Assembly and looked forward to an action and result oriented partnership with these organizations.

### **Agenda Item 3. Report of the Director General on ISA programmes, activities, and initiatives**

#### **i) Action Taken Report of the Third Assembly of the International Solar Alliance**

64. The President invited the Assembly to review and provide guidance on the Action Taken Report for the Third Assembly and adopt it as contained in the Working Document ISA/A.04/WD.03.

65. The Assembly adopted the Action Taken Report by the ISA Secretariat for the Third Assembly of the ISA, as contained in the Working Document ISA/A.04/WD.03.

#### **ii) Corpus Fund of the ISA**

66. The President invited the ISA Secretariat to present an update on the Corpus Fund of the ISA to the ISA Assembly.

67. The ISA Secretariat presented a brief update on the Corpus Fund of the ISA and apprised the Assembly on the low investment income generated from the Corpus Fund of the ISA due to low prevailing interest which is expected to remain low in the foreseeable future, the ISA Secretariat underlined the urgency for mobilizing additional financial resources on a voluntary basis to ISA while the ISA Secretariat made efforts to increase the investment income as well as enhance the Corpus Fund of the ISA.

68. The President thanked the ISA Secretariat and invited the Assembly to consider and approve the report by the ISA Secretariat on the Corpus Fund of the ISA, as contained in the Working Document ISA/A.04/WD.04.

69. The Assembly adopted the report of ISA Secretariat on the Corpus Fund of the ISA, as contained in the Working Document ISA/A.04/WD.04.

#### **iii) Selection of External Auditor for CY 2021 – 2023**

70. The President invited the Assembly to authorize the ISA secretariat to procure the services of an audit firm to carry out an audit of the accounts of the ISA for CY 2021-2023, through a transparent and competitive procurement process as per ISA's procurement process and procedures.

71. The Assembly authorized the ISA secretariat to procure the services of an audit firm to carry out an audit of the accounts of the ISA for CY 2021-23.

**iv) Audited Financial Statement of the ISA**

72. The President informed the Assembly that the Audited Financial Statement of the ISA for the Calendar Year 2020 was circulated to the Members of the International Solar Alliance in the Working Document ISA/A.04/WD.05.

73. The President invited the Assembly to consider and approve the Audited Financial Statement of the ISA.

74. The Assembly approved the Audited Financial Statement of the ISA contained in the Working Document ISA/A.04/WD.05.

**v) ISA's Strategic Plan for the next Five years**

75. The President apprised the Assembly that the ISA Secretariat presented the ISA's Strategic Plan for the next Five years to the Standing Committee at its Fifth meeting. He added that the Strategic Plan has been developed pursuant to the mandate of the Framework Agreement establishing the ISA to support Member countries in mobilizing more than USD 1 Trillion investments in the solar energy sector by 2030 and ISA's 'Theory of Change'.

76. The President noted that ISA's Strategic Plan for the next Five years aims to address three key issues of Energy Access, Energy Security, and Energy transition through multi-faceted support to ISA Member countries. He added that the Strategic Plan envisages programmatic support with a focus on LDC/SIDS Member countries, Capacity building support to all developing Member countries, and Analytics & Advocacy support to all Member countries. He further added that the plan aims to support Member countries in developing a vibrant solar energy ecosystem and create a viable & bankable solar energy project pipeline through key activities encompassing, inter alia, readiness & enabling activities, risk mitigation & innovative financing instruments, investment mobilization, and promotion of technologies.

77. The President further apprised the Assembly that the ISA Secretariat has developed a Country Partnership Framework to implement the Strategic Plan and to institutionalize continuous and focused engagement with the ISA Member countries as per their respective needs.

78. The President invited the ISA Secretariat to present the Strategic Plan of the ISA for the next five years.

79. The ISA Secretariat presented a brief overview of the Strategic Plan of the ISA for the next five years.
80. The President noted that the Strategic Plan of the ISA for the next five years is at the core of the deliberations at the fourth session of the ISA Assembly. Based on the experience of the Republic of India in mobilizing investments in the solar energy sector, the President noted the critical need for a robust distribution structure for renewable energy sources including a payment security mechanism to facilitate investments in the solar energy sector. The President added that de-risking investment through instruments such as credit guarantee mechanisms is another critical imperative to create an investment friendly ecosystem.
81. The President explained that these imperatives are the *raison d'être* for the Multi-Donor Trust Fund and the Blended Finance Risk Mitigation facility. The President reminded the Assembly that, concomitant to the Strategic Plan, expertise needs to be built up at the ISA Secretariat. Noting the need for a deliberative approach to developing a valuable Strategic Plan, the President welcomed comments from the ISA member countries on the Strategic Plan of the ISA.
82. H.E. the Ambassador of the Republic of France to India thanked the President and the Director General and endorsed the Strategic Plan of the ISA and the initiatives thereunder, noting that the Strategic Plan consolidates ISA's action plan to achieve its mandate and strengthens the relation of the ISA with member states as well as ensure efficiency & transparency in the workings of the ISA. He added that the three priorities set out by the Strategic Plan – Energy Access, Energy Security, and Energy Transition – are relevant and need to be pursued with equal urgency. He reminded the Assembly that, given the climate crisis, it is imperative to facilitate access to affordable and sustainable energy.
83. He extended support to the ISA Secretariat in its efforts to raise new resources for financing. He, however, cautioned that it is important to maintain the voluntary contribution model of the ISA, spelled out in Article V (1) of the ISA Framework Agreement, and declared France's commitment to the model. He assured the Assembly of France's continued support to the ISA Secretariat through the secondment of two senior experts and the STARC project.
84. The representative of the Republic of Italy expressed pleasure on participating in the ISA Assembly, having joined the ISA as a Signatory Country after the Third Assembly of the ISA. He commended the leadership of the Republic of India for guiding the global community on scaling up solar energy deployment worldwide. Continuing, he extended complete support

of the Republic of Italy to the key priorities and activities identified by the Strategic Plan of the ISA as well as the key activities identified under the plan.

85. The representative of Italy invited the ISA to synergize its activities on Analytics & Advocacy with other international agencies, noting the need to minimize duplication of resources. He further endorsed ISA's plan to support readiness & ecosystem building across its membership with a request to focus on gender balance, gender-inclusive policies as well as on moving beyond technical training to educating the younger generations to stimulate their attention to the clean energy transition & access, clean energy technologies as well as attracting young talent to the solar energy sector. He noted that this holds the key to a sustainable future, basis Italy's experience in hosting a side-event to COP 26 in Milan. He concluded by echoing France's comments on resource mobilization for the Strategic Plan.
86. H.E. Ambassador of the Kingdom of Sweden to India thanked the President and the Director General for the work being undertaken by the ISA and expressed delight in having joined as the new member of the Alliance. The Ambassador welcomed the Workplan of the ISA and looked forward to the development of new programmes, with a caution against developing new programmes without evaluating & monitoring the existing programmes. The Ambassador took note of the proposals under the Strategic Plan and echoed the comments of France & Italy. He concluded by looking forward to furthering cooperation in developing these initiatives.
87. The President invited the Assembly to approve the Strategic Plan of the ISA, contained in the Working Document ISA/SC.05/WD.04, with the comments from the ISA Assembly at its Fourth Session noted and to be incorporated in the plan.
88. The Assembly approved the Strategic Plan of the ISA, contained in the Working Document ISA/SC.05/WD.04, with the comments from the ISA Assembly at its Fourth Session noted and to be incorporated in the plan.
89. The President invited the Director General to briefly present the Country Partnership Framework to the ISA Assembly.
90. The Director General apprised the Assembly that the Country Partnership Framework provides a blueprint for the ISA Secretariat to develop working relations with ISA's membership so that ISA's programmes are relevant to them. He noted that the National Focal Points (NFPs) are the key interlocutors and added that the Framework aims to support

the NFPs along with other ministries to enable the ISA Secretariat to understand key issues as well as provide resources & support in line with the needs of the countries.

91. The President invited the Assembly to provide comments on the Country Partnership Framework and approve the same, as contained in the Working Document ISA/A.04/WD.06.
92. The ISA Assembly approved the Country Partnership Framework of the ISA, as contained in the Working Document ISA/A.04/WD.06.
93. The President invited the ISA Secretariat to present the Private Sector Engagement Strategy to the ISA Assembly, as contained in the Working Document ISA/A.04/WD.07.
94. The ISA Secretariat presented the rationale for and key elements of the Private Sector Engagement Strategy to the ISA Assembly and thanked the ISA Partner Shakti Foundation for its support in developing the Strategy.
95. The President thanked the ISA Secretariat and invited comments on the Private Sector Engagement Strategy.
96. H.E. Ambassador of the Republic of France to India extended France's support to the Private Sector Engagement Strategy. He called upon the ISA to be technologically neutral and consult with the private sector at the earliest in an integrated manner. He recommended the creation of a consultative council with private sector representation for ISA to share and deliberate upon ISA's programme with member states & the private sector so that they are responsive to their respective needs. He added that organizations such as MEDEF, French Renewable Energy Association and Solar Power Europe would be interested in engaging with the ISA Secretariat through such a council.
97. The representative of the Republic of Italy echoed France's recommendation for the creation of a consultative council for the private sector, encompassing leading global organizations/associations in the solar energy sector, with a view that such a council would help in developing and implementing ISA's programmes in a pragmatic manner. He also recommended engagement with regulators, considering the pivotal role of regulators in facilitating fast-track development of the solar energy sector as well as for implementation of initiatives such as 'One Sun One World One Grid'.
98. The Hon'ble Minister from the Republic of Togo extended greetings to the ISA Assembly and expressed support to the Strategic Plan. He informed the Assembly that Togo is a solar energy resource rich country and has adopted a 'solarization' plan that includes universal energy access through grid connected and off grid solar energy by 2030. He added that the

plan emphasizes private investment and that Togo requires ISA's support, as one of the first members to ratify the ISA Framework Agreement, in mobilizing project finance and skilled workforce for developing the solar energy ecosystem across Togo. The Hon'ble Minister concluded by informing the Assembly that Togo has high expectations from the ISA for supporting the development of the solar energy ecosystem across its membership including Togo.

99. The President thanked the Hon'ble Minister from Togo. He reiterated that a risk mitigation system such as Credit Guarantee is imperative to attract private investments and called upon the members to contribute to the Multi-Donor Trust Fund & the Blended Finance Risk Mitigation Facility.
100. The President invited the Assembly to approve the Private Sector Engagement Strategy, contained in the Working Document ISA/A.04/WD.07.
101. The Director General assured the Assembly that the ISA Secretariat will take the recommendations of the Republic of France, Republic of Italy, and the Republic of Togo into account while finalizing the Private Sector Engagement Strategy.
102. The Assembly approved the Private Sector Engagement Strategy, contained in the Working Document ISA/A.04/WD.07, subject to the changes consequent to considering the comments of Republic of France, Republic of Italy and Republic of Togo.

**vi) Advocacy plan for the International Solar Alliance at COP 26**

103. The President invited the ISA Secretariat to present to the Assembly its Advocacy plan for CY 2021-2022.
104. The ISA Secretariat presented key elements of the Advocacy plan of the ISA. Noting that advocacy has a high level of priority in the Strategic Plan, the ISA Secretariat called for concerted efforts to nudge stakeholders to see, perceive, and adopt solar energy as a preferred choice. The ISA Secretariat informed that it is undergoing the process of acquiring necessary skills to build a robust communication & advocacy plan with the central theme of – 'Solar to address Climate Change' – with sub-themes including 'Solar for Energy Transition'.
105. The ISA Secretariat assured the Assembly of collaborative efforts with other peer organizations such as IRENA, IEA, ESMAP, SE4All and various other important initiatives at the forefront of analytics and advocacy to leverage their capabilities of analytics and translate them into key messages for Solar.

106. The ISA Secretariat apprised the Assembly of the advocacy plan for COP 26 with a focus on two key initiatives:
- a. 'One Sun One World One Grid' initiative to be launched at World Leaders' summit with subsequent side-events with the message that solar is key for expediting energy transition for climate and sustainable development and to place ISA as a key institutional mechanism to drive this initiative.
  - b. Roadmap for mobilization of Trillion dollars in Solar investment by 2030 through events at COP 26 and media engagements globally.

107. The President invited the Assembly to take note of ISA's advocacy plan.

108. The Assembly took note of ISA's Advocacy plan.

**vii) Recruitment at the ISA Secretariat and ISA's Organizational Structure**

109. The President apprised the Assembly that the ISA Secretariat has prepared an updated organizational chart and a progress update on the ongoing recruitment and engagement of UNOPS to provide administrative support services to the ISA Secretariat for HR functions, contained in the Working Document ISA/SC.05/WD.03 which was tabled before the fifth Standing Committee for its consideration. He added that the objective is to bring it in conformity with the UN norms, ISA's strategic plan for the next five years.
110. The President invited the ISA Secretariat to present a brief overview of the agenda item to the ISA Assembly.
111. The ISA Secretariat presented a brief update on the recruitment at the ISA Secretariat highlighting the key constraints on account of non-conformity with UN norms & limited geographical/gender balance in the first round of vacancy announcement. The ISA Secretariat explained the rationale for the revised organizational structure. The ISA Secretariat also briefed the Assembly on the timeline for recruitments to be undertaken in a staggered manner. The ISA Secretariat clarified that benefits and allowances would be in sync with the UN norms and at no point will be higher than the ICSC/UN norms, as per the guidance from the ISA Assembly.
112. The ISA Secretariat apprised the Assembly that the ISA Secretariat has engaged the services of experienced and expert global firms for support in the recruitment of the ISA Secretariat including Oxford HR for recruitment of international staff.
113. The ISA Secretariat informed the Assembly that the Secretariat has received applications from highly qualified candidates from the member countries, with significant geographical

- diversity and gender balance, with valuable experience in solar power project implementation across different regions of the ISA. The ISA Secretariat informed that it is in the advanced stages of shortlisting the candidates and setting up interviews with a panel comprising of, potentially, experienced experts from ISA's partner and peer organizations.
114. The ISA Secretariat assured the Assembly of two paramount principles underpinning the recruitment at the ISA Secretariat - Geographical Balance with experience of implementing on-ground projects and maintaining a Gender Balance in the Secretariat.
115. The ISA Secretariat also provided an overview of the transitional structure of the ISA, relying on consultants and officials on secondment/deputation with significant experience in the solar energy sector, to transition to an ISA Secretariat staffed by its own personnel.
116. The ISA Secretariat, referring to the decision of the third assembly to establish a committee to review the possibility of regularizing appointment of the consultants who have been with the ISA Secretariat for more than four years and have had a satisfactory performance, informed the Assembly that such an internal committee was established. The Committee was mandated, the ISA Secretariat added, to examine the practices of peer organizations such as IRENA, UNDP, GCF, and others, examine ISA's own HR regulations & rules, and review the performance appraisals of such consultants.
117. The Assembly was informed that the Committee has recommended to the Director General that no such provisions or practice exist in ISA's peer organizations and ISA's own HR regulations & rules for regularization of consultants to international, national, or general service positions. Such consultants, concluded the Committee, must go through a competitive and merit-based route, which is the basic principle for recruitment at the ISA Secretariat. The ISA Secretariat added that the Director General encouraged all such consultants to apply against the vacancies.
118. The ISA Secretariat sought approval of the ISA Assembly to:
- a. the revised organizational structure including three positions for Assistant Director General,
  - b. the transitional organizational structure of the ISA, and
  - c. the amendments to the HR regulations, rules, and procedures of the ISA.
119. The President thanked the ISA Secretariat and invited comments from the ISA Assembly.
120. H.E. Ambassador of the Republic of France to India extended support to the efforts of the Director General to simplify the organizational structure of the ISA and assured France's

continued support through seconded experts. He added that maintaining and promoting gender balance in the organization is important. The Ambassador called for empowering the Assistant Director General with requisite financial and human resources to enable them to function effectively. He also called upon the ISA Secretariat to publish the updated organogram of the ISA to the ISA website for greater transparency.

121. The President thanked the Ambassador of France to India. He clarified to the Assembly that all the positions are open to all the member countries and that any recruitment process must be open, transparent, and merit-based only, which are the foundational principles of the ISA.

122. The President invited the Assembly to approve the following:

- a. Updated Organizational Structure of the ISA Secretariat;
- b. Transitional structure of the ISA secretariat; and
- c. Amendments to the ISA HR Regulations, Rules and Procedures in bring these in conformity with the UN norms.

as contained in the Working Document ISA/SC.05/WD.03.

123. The Assembly approved the following:

- a. Updated Organizational Structure of the ISA Secretariat;
- b. Transitional structure of the ISA secretariat; and
- c. Amendments to the ISA HR Regulations, Rules and Procedures in bring these in conformity with the UN norms.

as contained in the Working Document ISA/SC.05/WD.03.

#### **viii) Work Programme and Budget for the Calendar Years 2022 and 2023**

124. The President invited the ISA Secretariat to present an overview of the Work Programme and Budget for the Calendar Years 2022 and 2023.

125. The ISA Secretariat presented a brief overview of the Work Programme and Budget for the Calendar Years 2022 and 2023, outlining the following six priorities derived from the Strategic Plan of the ISA:

- i. Analytics & Advocacy support for all ISA member countries
- ii. Capacity Building assistance for all ISA's developing member countries
- iii. Programmatic support for all ISA's LDCs and SIDS member countries
- iv. Risk Mitigation instruments and investment mobilization
- v. Ensuring financial sustainability of the ISA, given the voluntary nature of contributions and reduced investment income

- vi. Strengthening the ISA Secretariat organization and capacity
126. The ISA Secretariat apprised the Assembly that the budget utilization for CY 2021 stood at 60 % on account of the COVID-19 pandemic, ensuing travel restrictions that limited physical technical missions to the member countries, and postponement of recruitment at the ISA Secretariat. The ISA Secretariat added that it had adapted to the travel restrictions through a series of virtual missions and engagement with stakeholders including capacity building.
127. The ISA Secretariat sought the approval of the ISA Assembly for three key support activities:
- i. Programmatic implementation support activities
  - ii. Capacity building and other enabling support activities including STARC, management support
  - iii. Servicing ISA's governing bodies and engaging at the global level
128. The ISA Secretariat apprised the Assembly that it is proposing an increased outlay, nearly doubled or more, for programmatic support and capacity building activities, with the management support cost being neutral compared to the budget for CY 2021.
129. The ISA Secretariat apprised the Assembly that the budget proposal has been bifurcated into 'Core' activities, wherein the financing must be secured, and the 'non-Core' activities, wherein the ISA Secretariat is foreseeing earmarked support from philanthropies, member states, and public & private actors. The Secretariat brought the attention of the Assembly to the fact that both the 'Core' and 'non-Core' activities are equally ambitious, driven from the Strategic five-year plan. The Secretariat highlighted that majority of funding requested in the budget would be utilized in supporting the member countries.
130. The Secretariat further highlighted that ISA's budget is about one-fourth compared to the budgets of other peer international organizations and that the ambitions of the ISA during its formative years have been relatively modest compared to the peer organization on account of limited resources at its disposal. The ISA Secretariat concluded on a cautionary note that the ISA Secretariat does not project either cash surplus or an investment income from the Corpus Fund commensurate to the requirements of the proposed budget for CY 2023. The ISA Secretariat urged the member countries of the ISA for leadership & support through generous & voluntary contributions to the ISA's Corpus & general funds.
131. The President thanked the ISA Secretariat and clarified that the ISA risks not having sufficient resources to implement the programmes. He added that the Multi-Donor Trust

- Fund has been proposed, in part, to address the need for programmatic finance for supporting solar energy development across ISA membership.
132. The President reiterated that the ISA is establishing two funds, one being the Blended Finance Risk Mitigation Facility. He asserted that the facility is critical to bring investment to countries where investment is not flowing & contribution to them is vital if the ISA wants to facilitate universal energy access through renewables. He called upon the countries that are committed to energy transition to demonstrate their commitment through contributions to the Blended Finance Risk Mitigation Facility.
  133. The President noted that the Multi-Donor Trust Fund is a green fund meant for setting up green/clean energy facilities across ISA membership, particularly in Africa and other developing regions. Thus, he added that green funds/climate funds must be channelized into this trust fund and called upon member states to contribute to this fund to finance the energy transition.
  134. The President invited comments on the Workplan and Budget for CY 2022 and CY 2023.
  135. The President invited the Assembly to approve the Workplan and Budget for CY 2022 and CY 2023, as contained in the Working Document ISA/A.04/WD.08.
  136. The Assembly approved the Workplan and Budget for CY 2022 and CY 2023, as contained in the Working Document ISA/A.04/WD.08.
  137. The President invited the Director General to present his report on the progress of the ISA.
  138. The Director General thanked the President and the member states for their support to the Secretariat. The Director General briefed the ISA Assembly on the progress made by the ISA Secretariat under key initiatives encompassing:
    - i. Capacity building initiatives such as the Bankers' training programme
    - ii. Grant support for demonstration projects in LDC/SIDS countries
    - iii. Establishment of a trust fund, in partnership with GGGI, for supporting the implementation of 1 Million solar pumping systems
    - iv. Collaboration with UNDP under the Solar Water pumping programme and Technical Assistance from the IBSA facility
    - v. Collaboration with the Health Innovation Exchange on the 'ISA CARES' initiative for solarization of health centres
    - vi. Establishment and progress of the Projects and Programme Evaluation Committee

139. The Director General thanked the Commonwealth of Australia and the Republic of the Union of Myanmar for their voluntary contributions of AUD 1 Million and USD 1124, respectively, to the Corpus Fund of the ISA in CY 2021. He added that the ISA Secretariat is engaged with various stakeholders to mobilize project specific funding and readiness & risk mitigation funding as per the Strategic Plan of the ISA approved by the ISA Assembly. He noted that this would help the financial sustainability of the ISA, in the first instance, but more importantly address the needs for projects & programmes of ISA membership.
140. The Director General thanked the Assembly for approving the Strategic Plan of the ISA and noted that the three critical issues of Energy Access, Energy Security, and Energy Transition, as identified by ISA's Theory of Change approved by the ISA Assembly, are being faced by the ISA membership and prospective members in varying degrees thus, requiring a varied response. The Director General thanked the Assembly for approving the Strategic Plan of the ISA and the Country Partnership Framework, which will enable the Secretariat to provide this varied response to the ISA membership.
141. The Director General assured the Assembly that the ISA Secretariat is looking to identify the gaps in the activities of its peer organizations to avoid duplication of efforts and leverage complementarities & develop synergies for the development of solar energy.
142. The Director General thanked the Assembly for approving the Organizational structure of the ISA and reassured the Assembly that the ISA Secretariat, per the guidance of the Assembly, would remain a lean, yet an agile and an action-oriented organization. He expressed the belief that a phased approach to recruitment would enable a smooth transition.
143. The Director General assured of an active role of the ISA in COP 26 to utilize the platform to take forward the 'One Sun One World One Grid Initiative'. The Director General thanked the Assembly for its guidance on the Workplan and Budget.
144. The Director General thanked the member and prospective member countries for their participation in the fourth session of the ISA Assembly and looked forward to deeper engagement with them. He thanked the ISA partners and the private sector participants for their participation and looked forward to increased engagement with them in the future. He agreed that a consultative group, as proposed by France, would be valuable for meaningful engagement moving forward, which he deemed to be indispensable for rapid solarization. He concluded by seeking continued guidance from the ISA Assembly.

145. The President thanked the Director General for his report.

**Agenda Item 4. Adoption of Committee reports and address by Regional Committee Chairs**

146. The President invited the Assembly to adopt the report of the Fifth Meeting of the Standing Committee, contained in the Working Document ISA/SC.05/WD.20.

147. The Assembly adopted the report of the Fifth Meeting of the Standing Committee, contained in the Working Document ISA/SC.05/WD.20.

148. The President apprised the Assembly that the ISA Secretariat held a series of regional interactions through regional committee meetings as part of its integrated approach to governance body meetings.

149. The President invited the representative of the Republic of Mauritius, as the Regional Vice-President for the Africa region, for brief remarks.

150. The representative of the Republic of Mauritius expressed apologies on behalf of the Hon'ble Minister of Energy and Public Utilities of the Republic of Mauritius for being unable to address the Assembly. He congratulated the President, the Co-President and the Director General for successfully convening the fourth assembly of the ISA.

151. He expressed the need to accelerate collective efforts for energy transition, in the context of the IPCC sixth assessment report and the COVID-19 pandemic. He added that the situation in SIDS is even more challenging on account of reliance on imported goods & commodities and lack of access to affordable climate finance for penetration of renewable energy technologies.

152. He extended support to the Strategic Plan of the ISA and its components as comprehensive & relevant to the need of the hour and futuristic approach. He appreciated the efforts of the ISA Secretariat in facilitating affordable financing to translate the solar ambitions of the member countries into actual on ground projects.

153. The representative of the Republic of Mauritius presented a brief overview of the regional committee meeting for the African region and recommendations thereof.

154. The President thanked the representative of the Republic of Mauritius for his remarks and invited the Hon'ble Minister for Infrastructure & Meteorological Services from the Republic of Fiji, the Regional Vice-President for the Asia-Pacific region, to present his brief remarks.

155. The Hon'ble Minister thanked the President for his leadership and the Director General for the significant progress made by the ISA. He noted that the mandate of the ISA is relevant to the pursuit of sustainable development goals, particularly for SIDS members. He

- expressed appreciation for organizing regional committee meetings leading to a more participative, holistic process for aggregating views of all the member countries in developing ISA's programmes and initiatives.
156. The Hon'ble Minister concluded by looking forward to greater engagement of the ISA in the Asia-Pacific region and recommended the report of the Third Meeting of the Regional Committee for the Asia-Pacific to the ISA Assembly.
157. The President thanked the Hon'ble Minister of the Republic of Fiji for his remarks. He invited the Hon'ble Minister for Public Works from the Cooperative Republic of Guyana, the Vice-President for the Latin America and the Caribbean (LAC) region, for brief remarks.
158. The Hon'ble Minister thanked the President and the Director General for the opportunity for brief remarks on behalf of the LAC region and congratulated him for successfully convening the fourth session of the ISA Assembly. He noted that the fourth assembly is being held at a crucial time and that the agenda for the session is in congruence with the requirements of the membership.
159. The Hon'ble Minister highlighted the special challenges as well as the greater vulnerability of SIDS countries to Climate Change. He expressed the belief that investment in renewable energy needs to be ramped up significantly to meet the 1.5° C challenge and called for greater ambitions globally to enhance the share of renewable energy in global electricity production to 60 % by 2030.
160. The Hon'ble Minister expressed appreciation for ISA's key initiatives such as the 'One Sun One World One Grid' and Roadmap for mobilization of one trillion dollars in solar investments by 2030. He called upon the membership of the ISA to come together to support the ISA Secretariat in implementing such initiatives.
161. The Hon'ble Minister presented a brief overview of the recommendations of the Third meeting of the Regional Committee for the LAC region and invited the Assembly to consider them.
162. The President thanked the Hon'ble Minister of the Cooperative Republic of Guyana for his brief remarks and invited the representative of the United Kingdom, the Regional Vice-President for Europe and Others region, to present brief remarks.
163. The representative of the United Kingdom thanked the President, the Co-President, and the Director General for the opportunity for brief remarks. He provided a brief overview of the

- Second Meeting of the Regional Committee for Europe and Others and its recommendations.
164. He emphasized that the ISA needs to prioritize the existing programmes to demonstrate on-ground results at the earliest. He highlighted the support of the region to the ISA and its programme.
165. The President thanked the representative of the United Kingdom for his brief remarks and invited the representative of the Latin American Energy Organization (OLADE) to present brief remarks.
166. The representative of OLADE thanked the President for the opportunity to address the ISA Assembly and briefed the Assembly on the priorities for the LAC region as well as the partnership agreement between ISA and OLADE.
167. The President invited the Assembly to approve the recommendations of the Regional Committee meetings of the four regions and adopt the reports of the Regional Committee meetings.
168. The Assembly adopted the reports of and approved the recommendations of the Regional Committee meetings of the four regions of the ISA, as contained in the Working Documents:
- a. Third Meeting of the Regional Committee for the Asia-Pacific (*ISA/RCAP.03/WD.12*)
  - b. Third Meeting of the Regional Committee for Africa (*ISA/RCA.03/WD.11*)
  - c. Third Meeting of the Regional Committee for the Latin America and the Caribbean (*ISA/RCLAC.03/WD.11*)
  - d. Second Meeting of the Regional Committee for Europe and Others (*ISA/RCEOG.02/WD.02*)

#### **Agenda Item 5. Report of the Depositary**

169. The President invited the Ministry of External Affairs, Government of India, the Depositary of the ISA, to present its report to the ISA Assembly.
170. The representative of the Depositary thanked the President and presented an update on the status of the ISA Membership. He apprised the Assembly that the First Amendment to the Framework Agreement of the ISA had come into force on January 8<sup>th</sup>, 2021, having been ratified by the requisite number of member countries, thus making all UN member countries eligible for ISA membership. He added that the following nine countries that lie entirely beyond the two tropics have signed the Framework Agreement of the ISA:
- i. Germany

- ii. Denmark
- iii. Luxembourg
- iv. Italy
- v. Morocco
- vi. Sweden
- vii. Greece
- viii. Tunisia
- ix. Israel

of which Denmark, Sweden, and Germany have also deposited their instruments of ratification to the Depositary.

171. The representative of Depositary informed the Assembly that, as on October 20<sup>th</sup>, 2021, 100 countries had signed the Framework Agreement of the ISA, of which 80 had deposited their instrument of ratification.
172. He also apprised that the Ministry of External Affairs, in its capacity of Depositary of the ISA, is facilitating, through its permanent mission to the United Nations, registration of the amendment to the Framework Agreement of the ISA in the UN treaty section and Observer Status for the ISA at the 76<sup>th</sup> session of the UN General Assembly. He added that the Depositary has applied for the registration of the amendment to the Framework Agreement of the ISA. He further added that the application for the registration of the amendment to the Framework Agreement was submitted to the UN Office of Legal Affairs on January 28<sup>th</sup>, 2021, and informed that there has been a delay at the UN Office of Legal Affairs due to the ongoing COVID-19 pandemic.
173. He apprised the Assembly that permanent representatives/ambassadors of 63 ISA member countries have co-signed the joint request letter to the UN Secretary General seeking observer status for the ISA. He added that the UN Secretariat has now circulated the joint letter for inclusion of ISA observer status in the supplementary list of the 76<sup>th</sup> UN General Assembly agenda. He requested all the member states of the ISA to co-sponsor the request for observer status for the ISA at the UN General Assembly.
174. The Depositary requested all the prospective member countries of the ISA that are yet to sign the Framework Agreement to do so and those that have already signed to finalise the

- ratification procedure as soon as possible. The representative of the Depositary conveyed the appreciation of the Government of India to all the countries for the support to the ISA.
175. The President, noting that 100 countries have signed the Framework Agreement of the ISA, invited the Assembly to welcome the Countries that have signed the Framework Agreement after the Third Assembly of the ISA.
176. The President also invited the Assembly to commend the countries that have ratified the Framework Agreement after the Third Assembly.
177. The President thanked the Depositary, on behalf of the Assembly for obtaining the observer status for the ISA at the UN General Assembly.
178. The ISA Secretariat will present an update to the ISA Assembly on a potential cooperation agreement between the UN and the ISA.

#### **Agenda Item 6. Update on Resource Mobilization and Voluntary Contributions to the ISA Corpus Fund**

179. The President invited the ISA Secretariat to present a brief update on the efforts being undertaken by the ISA Secretariat for resource mobilization.
180. The ISA Secretariat apprised the Assembly that the ambitious Strategic Plan for the next five years aims at enabling 1000 GW of new capacity, mobilizing USD 1000 Billion in solar investments, helping 1000 Million people with enhanced access to electricity, and, consequently, reducing 1000 Million tonnes of carbon emissions. The ISA Secretariat, however, emphasized the challenge of mobilizing commensurate resources to deliver on the targets set forth in the Strategic Plan.
181. The ISA Secretariat briefed the Assembly on the plan for mobilization of USD 1 Billion over the next five years, comprising:
- i. USD 700 Million for the Blended Finance Risk Mitigation Facility with mixed funder sources from the public, private and philanthropic sectors with different return expectations. The funds, thus, received are proposed to be blended to mitigate risks at the project level.
  - ii. Core Funding of USD 30 Million for the ISA Secretariat
  - iii. USD 270 Million through Multi-Donor Trust Fund and earmarked funding with target funders being philanthropic sector and sovereign states.
182. The ISA Secretariat briefed the Assembly of the progress made in realizing the resource mobilization plan encompassing:

- i. USD 1.6 Million contribution from the Children’s Investment Fund Foundation
  - ii. Agreement with Bloomberg Philanthropies
  - iii. In-principle agreement with the Sequoia Climate Fund
  - iv. In-principle agreement with the Rockefeller Foundation
183. The ISA Secretariat thanked the Government of India for their generous contribution to the ISA Corpus Fund and recurring expenditure of the ISA, thanked the Government of Australia for AUD 1 Million contribution to the ISA Corpus Fund, thanked the Government of France for EUR 1 Million earmarked grant commitment to the STARC project, thanked the Government of the Netherlands for contribution to the development of the roadmap for mobilization of USD 1 Trillion by 2030.
184. The ISA Secretariat, noting a hesitancy on the part of potential donors to make non-INR contributions to the ISA, confirmed that the ISA is fully equipped to receive both INR and non-INR contributions from sovereign member states and philanthropies as well as manage & deploy such contributions. It was further added that the ISA had successfully completed, with no material objection from external auditors, three financial audits, completed internal audits, established internal risk dashboards, and brought-in experts with vast experience in receiving, managing & deploying sizeable funding. The ISA Secretariat, thus, encouraged the ISA membership to provide resources to the ISA.
185. The ISA Secretariat explained that resource mobilization efforts are being directed at supporting the following broad interventions:
  - i. Inter-Governmental initiatives for the energy transition
  - ii. Solar-specific policy support
  - iii. Pre-implementation project support
  - iv. Solar-specific knowledge and data including ISA’s three flagship reports on solar investment, market & technology as well as the flagship report on Ease of Doing Solar
186. In continuation, the ISA Secretariat identified the following impacts:
  - i. Ramp up of capacity in 60 plus member countries with enhancing the capacity of more than 10,000 stakeholders from Bankers to technicians to master trainers.

- ii. Facilitate new pipeline of 10 GW of new solar energy projects in LDC/SIDS member countries, thus doubling the current cumulative capacity in all LDC/SIDS countries.
  - iii. Commitment to bring in the next five years, around 100 solid publications, articles, data analytics, and data banks to capture the latest advances in information on investments, markets and technology.
187. The President thanked the ISA Secretariat for the update. He congratulated the Commonwealth of Australia, the Republic of the Union of Myanmar, and the Union of Comoros, on behalf of the ISA Assembly, for their contributions to the Corpus Fund of the ISA. The President encouraged other member countries to contribute to the ISA, with ISA being the most potent vehicle to effect energy transition in developing countries.
188. The President invited the Assembly to take note of the proposal for the establishment of the Multi-Donor Trust Fund and invited comments from the Assembly. He clarified that the proposal offers a vehicle to mobilizing much need finance for solar energy projects and capacity building initiatives in developing countries and will continue to evolve based on learned experiences.
189. H.E. the Ambassador of France to India stressed that the Multi-Donor Trust Fund needs to have the option for earmarked project-based contribution as per the priorities of a potential donor. He added that there are a large number of competing structures to mobilize finance in the solar energy sector and the proposed Multi-Donor Trust Fund needs to clearly demonstrate added value along with a detailed work programme to be able to raise finance from potential donors. In addition, he noted the need for the Multi-Donor Trust Fund to clearly identify modalities to coordinate with other similar resource mobilization structures.
190. The President thanked France for the comments. He again invited all the developed countries to contribute not only to the Corpus Fund of the ISA but also contribute to the Multi-Donor Trust Fund and help the ISA to raise Green Climate Funds to facilitate universal energy access through solar energy.
191. The President invited the Assembly to approve the proposal for the establishment of a Multi-Donor Trust Fund, contained in the Working Document ISA/SC.05/WD.07.Rev01.
192. The Assembly approved the proposal for the establishment of a Multi-Donor Trust Fund, contained in the Working Document ISA/SC.05/WD.07.Rev01.

193. The President invited the representative from the World Resources Institute to briefly update the Assembly on the roadmap for mobilization of trillion dollars in solar investments by 2030.
194. The representative from the World Resources Institute updated the Assembly on the roadmap for mobilization of trillion dollars in solar investments by 2030, the solar investment action agenda, and expected outcomes thereof.
195. The President thanked the representative from the World Resources Institute and invited the Hon'ble Minister from Grenada for brief remarks.
196. The Hon'ble Minister thanked the President and commended the ISA Secretariat for the Strategic Plan of the ISA, of which, he noted, finance is a critical component along with capacity building and partnerships. Following up on the reference to the Strategic Plan being highly ambitious during the discussions under the agenda item, he contended that the global community, facing significant challenges, had no choice but to be ambitious.
197. The Hon'ble Minister added that the Strategic Plan of the ISA has significant benefits to all SIDS and is being implemented at an opportune time and called for even greater ambition. He further added that the ISA's plan has a significant role to play in moving the needle forward both from the climate perspective and economic perspective. He concluded with the assertion that the ISA presents an opportunity to obviate the pitfalls of large bureaucracy being faced by other institutions and extended Grenada's full support to the ISA.
198. The President thanked the Hon'ble Minister of Grenada and encouraged all the members of the Alliance to engage with the ISA Secretariat in the development of the roadmap for mobilization of trillion dollars in solar investments by 2030.

#### **Agenda Item 7. Blended Finance Risk Mitigation Facility**

199. The President invited the ISA Secretariat to present the proposal for the establishment of the Blended Finance Risk Mitigation Facility to the ISA Assembly.
200. Intellecap Advisory Services Limited, an expert consultancy firm engaged by the ISA Secretariat to develop the Blended Finance Risk Mitigation Facility, presented the rationale, objectives, key elements, expected impact, and value addition & complementarity of the proposed facility with existing risk mitigation structures.
201. The President thanked the presenter from Intellecap and noted that the proposed Blended Finance Risk Mitigation Facility will be a seminal initiative for increasing the capability of the ISA to support its member countries.

202. The President invited comments/suggestions on the proposal for the establishment of the Blended Finance Risk Mitigation Facility from the ISA Assembly and added that the members may also send their comments/suggestions in writing as well.
203. The President invited the Assembly to give in-principle approval to the proposed Blended Finance Risk Mitigation Facility and mandate the ISA Secretariat to engage further with global experts to develop the proposed facility.
204. The Assembly gave in-principle approval to the proposed Blended Finance Risk Mitigation Facility and mandated the ISA Secretariat to engage further with global experts to develop the proposed facility.

#### **Agenda Item 8. Viability Gap Financing for Solar Energy Projects in ISA Member countries**

205. The President invited the ISA Secretariat to provide a brief overview on the scheme for Viability Gap Financing for Solar Energy projects in ISA member countries.
206. The ISA Secretariat presented an overview and status update on the initiative for grant support of USD 50,000 to each of the 47 LDC/SIDS Member countries of the ISA for solar energy demonstration projects, approved by the Third Assembly of the ISA for solar energy demonstration projects.
207. The ISA Secretariat apprised the Assembly that eight grant agreements were signed before the Fourth Session of the ISA Assembly and additional eleven detailed project reports are in the final stages of preparation. The ISA Secretariat added that four more grant agreements are expected to be signed in the near future. The ISA Secretariat appreciated the efforts of the eligible member countries in developing proposals for availing the grant support under the initiative.
208. The ISA Secretariat apprised the Assembly of the experience of the ISA Secretariat of providing financial support for demonstration projects and the feedback from the member countries requesting larger sums for such technical & financial assistance and more in a leverage modality involving other financiers.
209. The ISA Secretariat briefed the Assembly on the key elements of the proposal for Viability Gap Financing for Solar Energy projects, as contained in the Working Document ISA/SC.05/WD.10.Rev01. The ISA Secretariat clarified that the scheme is open for all financing agencies from ISA member countries, with the condition that projects are implemented in LDC/SIDS member countries.

210. The President thanked the ISA Secretariat for the presentation and clarified to the Assembly that the only projects selected and taken up by the ISA may be eligible for availing viability gap financing. The President further clarified that in the event of more applications for Viability Gap Financing than the funds allocated to the scheme, a transparent methodology will be instituted for prioritization of the funding. The President mandated the ISA Secretariat to develop such a transparent methodology, potentially based on the financial resource potential & access of the applicant countries.
211. The President congratulated the ISA Secretariat for the scheme and sought comments/suggestions from the Assembly.
212. The President invited the Assembly to approve the proposed Viability Gap Financing Scheme, contained in the Working Document ISA/SC.05/WD.10.Rev01, as well as approve re-allocation of the budget surplus from CY 2021 to the scheme.
213. The Assembly approved the proposed Viability Gap Financing Scheme, contained in the Working Document ISA/SC.05/WD.10.Rev01, and re-allocation of the budget surplus from CY 2021 to the scheme.

#### **Agenda Item 9. Launch of ISA Programmes**

214. The President invited the ISA Secretariat to present an overview of the proposed two new programmes of the ISA, namely -
  - i. Eighth Programme on Solar and Battery waste management and Circular economy
  - ii. Ninth Programme on Solar for Green Hydrogen
215. The ISA Secretariat presented to the ISA Assembly the rationale, key objectives, and elements of the proposed two new programmes.
216. The President thanked the ISA Secretariat for the presentations on the two programmes and sought comments/suggestions from the Assembly on the two programmes.
217. The President noted that the supply of green hydrogen is limited, at present, at the international level by the established capacity for manufacturing electrolyzers. He informed the Assembly that the Government of India is considering expanding the manufacturing capacity of the electrolyzers to about 9-10 GW under a production linked incentive scheme, currently under development.

218. The President added further that the Government of India is also considering promoting end-use of green hydrogen in green & ammonia fertilizer manufacturing as well as blending green hydrogen with piped natural gas supply. He also noted the potential for green hydrogen in the heavy mobility sector.
219. The President declared both the programmes, as futuristic and important.
220. The representative of the Republic of France extended support to the proposed eighth programme on Solar and Battery Waste Management and called for greater consultation with industry stakeholders. Noting that Hydrogen is an expensive source of energy at present, she looked forward to the implementation plan for the ninth programme of the ISA on Solar for Green Hydrogen.
221. The representative of the Republic of Italy expressed enthusiasm for the two proposed programmes and extend support for both the programmes, particularly for the ninth programme on Solar for Green Hydrogen. He apprised the Assembly of a Green Hydrogen compact launched by Italy to fast-track development of Green Hydrogen and expressed confidence that solar energy has the potential to fast track the development of Green Hydrogen.
222. The President invited the Assembly to approve the Eighth Programme of the ISA on Solar and Battery waste management and the Ninth Programme of the ISA on Solar for Green Hydrogen.
223. The Assembly approved the Eighth Programme of the ISA on Solar and Battery waste management, the concept note on which is contained in the Working Document ISA/SC.05/WD.18, and the Ninth programme of the ISA on Solar for Green Hydrogen, contained in the Working Document ISA/SC.05/WD.19.

#### **Agenda Item 10. Release of ISA Publications**

224. The President invited the Assembly to adopt the Annual Report of the ISA for CY 2021, contained in the Working Document ISA/A.04/WD.11.
225. The Assembly adopted the Annual Report of the ISA for CY 2021, contained in the Working Document ISA/A.04/WD.11.
226. The Second Assembly of the ISA was presented with the Annual Global Solar Investment Report and the Pilot Ease of Doing Solar Report. The Assembly mandated the ISA Secretariat to develop annual flagship reports including the Ease of Doing Solar Report providing

- analytics on the solar energy sector in ISA Member countries encompassing policy & regulatory frameworks, investments, and technology & market trends.
227. The President apprised the Assembly that the ISA Secretariat has partnered with the Children’s Investment Fund Foundation to commission three Annual Flagship Reports of the ISA:
- i. Global Solar Investment Report
  - ii. Global Solar Market Trends Report
  - iii. Global Solar Technology Report
228. The President added that the three proposed flagship reports along with the familiar flagship knowledge product of the ISA – the Ease of Doing Solar Framework – are envisaged as ISA’s flagship knowledge products to provide the member countries and investors alike with a repository of information on potential opportunities, challenges, and roadmaps for the growth in the solar energy sector across ISA membership.
229. The President invited the Assembly to provide feedback on the consultation draft of the Ease of Doing Solar Report 2021, circulated to the ISA members through the Working Document ISA/A.04/WD.12.
230. The President invited the Assembly to approve the consultation draft of the Ease of Doing Solar Report 2021.
231. The Assembly approved the consultation draft of the Ease of Doing Solar Report 2021, contained in the Working Document ISA/A.04/WD.12.
232. The President invited the Assembly to congratulate and thank the CIFF for its support to the ISA in developing authoritative analytics of the solar energy sector.
233. The Assembly thanked the CIFF for its support.

#### **Agenda Item 11. Update on ‘One Sun One World One Grid’ Initiative**

234. The President proclaimed the ‘One Sun One World One Grid’ (OSOWOG) initiative as a seminal initiative with the potential to accelerate the deployment of renewable energy across the world. He reminded the Assembly that the vision for the initiative was laid down by the Hon’ble Prime Minister of India at the First Assembly of the ISA in October 2018. The initiative, the President added, was born from the fact that ‘Sun never sets’, implying that the sun is always shining in one part of the world or the other thus enabling inter-regional transmission of solar energy to demand centres.

235. The President apprised the Assembly that consultative group was established by the Government of India, with the support of the ISA and the World Bank, to translate the vision of the Hon'ble Prime Minister into reality by building upon existing technologies and infrastructure. The initiative will connect the existing regional grid to develop inter-regional grid infrastructure. He also apprised the Assembly that an inception workshop was held for the initiative and the Government of India is engaging with the ISA and the World Bank group to further improve the roadmap identified at the inception workshop.
236. The President invited the ISA Secretariat to present an update on the OSOWOG initiative.
237. The ISA Secretariat presented an update on the OSOWOG encompassing the chronological development of the initiative and the roadmap to institutionalize & implement the initiative.
238. The ISA Secretariat apprised the Assembly that a consortium has been constituted to conduct a technical study on the OSOWOG initiative, being undertaken in three phases encompassing broad techno-commercial viability of the vision, pre-feasibility studies for two or three pilot projects, and develop a long-term institutional plan.
239. The ISA Secretariat added that regional consultations are underway with member states and organizations at the helm of such initiatives within different regions. The ISA Secretariat apprised the Assembly that an important milestone was reached with the Governments of the UK and India agreed to join hands in terms of the Green Grids Initiative and the 'One Sun One World One Grid' initiative joining together, given the synergies between the initiatives and their overlapping mandates, to be launched as a joint initiative at COP 26.
240. The ISA Secretariat informed the Assembly that it is conceived that a ministerial steering group to be chaired by the Presidency of the ISA, the Republic of India, and the Presidency of COP 26, the United Kingdom, with representation from the member states of the ISA and regional organizations to drive the initiative at a political level supported by a joint secretariat.
241. The ISA Secretariat summarized the objective of the joint initiative as:
- i. Mobilizing greater political engagement
  - ii. Institutional engagement
  - iii. Research & Knowledge sharing
242. The ISA Secretariat requested the Assembly's endorsement and approval of the joint initiative GGI-OSOWOG along with a 'One Sun' declaration at COP 26.

243. The ISA Secretariat requested the approval of the Assembly to the ISA Secretariat to offer Secretariat services to the joint initiative along with the UK government. The ISA Secretariat, it was added, would be accelerating the fund-raising support, identifying key opportunities for accelerating wider priority geographically and thematic projects, and facilitating broader institutional collaboration at the global level.
244. The President thanked the ISA Secretariat. The President clarified to the Assembly that regional grids are existent in different regions – Africa, Southeast Asia, South Asia, Middle East, and Europe. He, however, added the regional grids require strengthening in some of the regions. Thus, there is a need to connect the regional grids to create a global green grid. He acknowledged that plans for connecting Australia to Southeast Asia are already existing.
245. The President suggested a competitive bidding process as a viable option for financing the regional grid interconnections. He, however, called for an overarching regulatory framework to enable inter-regional grid interconnection.
246. The President noted that the ISA Assembly has already endorsed the OSOWOG initiative at the Third Assembly and expressed the need to root the GGI-OSOWOG initiative in the ISA. He assured that the Framework Agreement for the GGI-OSOWOG initiative will be developed through a consultative process.
247. H.E. the Ambassador of the Republic of France to India congratulated the joint GGI-OSOWOG initiative and extended France’s support to it. He noted that the initiative is relevant to the needs, and it is vital to boost public & private investment in green grid networks. He exuded enthusiasm at the contribution of the French organization, EDF, along with the Indian organization, TERI, and AETS in developing the technical study for the OSOWOG initiative. He concurred with the President that significant experience may be shared on the basis of existing grid interconnections and extended France’s support in sharing the experience from the EU.
248. The President requested the ISA Secretariat to play back the video message of the Hon’ble Minister for Science, Research and Innovation from the UK for the ISA Assembly.
249. The Hon’ble Minister thanked the ISA for convening the crucial assembly and declared accelerating the global clean energy transition a top priority for the UK for its COP 26 presidency. He informed that the UK is engaging with various stakeholders to address the momentous challenge of meeting the climate targets. He added that the global community faces the challenge of building and operating the electricity grids with an ever-larger share

of variable renewable energy while also meeting rapidly growing global power needs securely, affordably, and reliably.

250. The Hon'ble Minister acknowledged that new transmission lines crossing frontiers and time zones integrated into regional, national, and local grids, coordinated with rapid scale up of mini-grid and off-grid energy access solutions to meet this challenge. Referencing IEA's analysis calling for rapid scaling up of green grid infrastructure, he called for global collaboration under the GGI-OSOWOG initiative. He noted the potential of the GGI-OSOWOG initiative to mobilise the global technical, financial and research cooperation needed to address the challenge. He concluded with a call for global collaboration to deliver the scale and pace of the clean power transition required to realize the vision of a planet powered by clean energy.

251. The President thanked the Hon'ble Minister from the United Kingdom for his brief remarks.

#### **Agenda Item 12. Update on Solar Technology Applications and Resource Centres (STAR C) Project**

252. The President invited the ISA Secretariat to present an update on the STAR C project.

253. The ISA Secretariat presented the update on the STAR C project to the ISA Assembly encompassing existing capacity building initiatives with the support of the Government of India, collaboration with the network of centres for renewable energy and energy efficiency, support of UNIDO to the project, and the support of the Government of France with a contribution of EUR 1 Million for development of training packages focusing on Africa & SIDS member states as well as the support of the French National Institute of Solar energy in developing training programmes.

254. The ISA Secretariat apprised the Assembly of the support of the EU to the STAR C project with EUR 1 million contribution for sharing of European best practices, case studies, and training programmes responsive to the needs of the ISA Member countries. The ISA Secretariat thanked Germany and GiZ for support in establishing a virtual training academy for ISA members.

255. H.E. the High Commissioner of the Commonwealth of Australia thanked the French government for its support to the STAR C project, an important capacity building initiative.

256. The President thanked the European Union and the Government of France for their assistance to the STAR C project.

**Agenda Item 13. High-Level Segment – Address by the Members of the ISA, Signatory & Prospective Countries, and ISA Partner Organizations**

257. The President invited Hon'ble Ministers from the ISA member countries, in alphabetical order, to deliver their country statements.
258. Hon'ble Ministers from following member countries delivered their respective country statements:  
Burundi, Fiji, Germany, Guyana, Germany, Maldives, Mali, Sweden, UAE, Venezuela
259. The President invited Hon'ble Ministers from the Signatory Countries of the ISA, in alphabetical order, to deliver their country statements.
260. Hon'ble Ministers from following Signatory Countries delivered their respective country statements:  
Guinea, Morocco, Italy
261. The President invited other delegates from ISA member countries followed by delegates from ISA signatory countries, both in alphabetical order, to deliver their country statements.
262. The President thanked the Hon'ble Ministers and other delegates for their country statements.

**Agenda Item 14. Arrangements for the Fifth Assembly of the ISA**

263. The President invited the Director General to brief the Assembly on the proposed arrangements for the Fifth Assembly of the ISA.
264. The Director General suggested for the consideration and approval of the member countries of the ISA that the Fifth Assembly be held from October 18<sup>th</sup> to 20<sup>th</sup> 2022, with the ministerial plenary proposed to be held on October 19<sup>th</sup>, 2022.
265. The President sought comments from the member countries of the ISA on the proposed arrangements for the Fifth Assembly of the ISA.
266. The representative of the Republic of France requested the ISA Secretariat to avoid convening of the Fifth Assembly of the ISA on Wednesday the October 19<sup>th</sup>, 2022, due to a standing engagement of the Hon'ble Co-President. France suggested that the Assembly may be held on October 17<sup>th</sup> or October 18<sup>th</sup>, 2022.
267. The President mandated the ISA Secretariat to take the suggestions of the Republic of France into consideration.

**Agenda Item 15. Any other Business**

- 268. The President invited the members to raise any other urgent business.
- 269. No urgent business was raised by the members.

**Agenda Item 16. Closing**

- 270. The President noted that the Fourth Session of the ISA Assembly has been productive and mandated the ISA Secretariat to follow-up on all the suggestions made at the session to take the agenda items forward.
- 271. The President closed the Fourth Session of the ISA Assembly.

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**Participant List in the ISA Fourth Assembly<sup>1</sup>**

**Participants from ISA Member Countries**

Sr. No.	Country	Name of Delegation Member	Designation
1.	People's Democratic Republic of Algeria	H.E. Mr. Benattou Ziane	Hon'ble Minister of Energy Transition and Renewable Energies
		H.E. Mr. Hamza Yahia-Cherif	Ambassador of the People's Democratic Republic of Algeria to India
		Mr. Fawzi Benzaid	Director of Renewable Energies connected to the Electricity Grid at the Ministry of Energy Transition and Renewable Energies
		Mr. Abdelmalek Rokai	Deputy Director a.i, of the Promotion of Electricity Production from Renewable Sources at the Ministry of Energy Transition and Renewable Energies
		Mr. Fayçal Ayad	Head of Office of Sustainable Development Goals follow-up at the Ministry of Foreign Affairs and National community Abroad

<sup>1</sup> Not strictly as per Seniority. The Participant list has been prepared from the registration details and credential forms of the member countries available with the ISA Secretariat. The list may be updated upon confirmation from the Member countries.

		Mr. Adel Bouda	Counsellor at the Embassy of Algeria in India
		Mrs. Nehal Mensouri	Expert at the Ministry of Energy Transition and Renewable Energies
2.	Republic of Argentina	H.E. Mr. Hugo Javier Gobbi	Argentine Ambassador to India
		Mr. Santiago López Osornio	Undersecretary of Strategic Planning, Secretary of Energy
		Mr. Guillermo Usandivaras	Undersecretary of Institutional Coordination of Energy
		Mr. Renato Morales	Political Attaché
		Mr. Martin Amodio	Advisor, International Cooperation Coordination
3.	Commonwealth of Australia	<b>H.E. Mr. Barry O'Farrell AO</b>	<b>Australian High Commissioner to India</b>
		Mr. Ian Biggs	Deputy High Commissioner, Australian High Commission
		Ms. Belinda Costin	First Secretary, Australian High Commission
		Mr. Sanjiva de Silva	Industry Counsellor, Australian High Commission
		Ms. Radhika Tomar	Senior Adviser Energy and Resources Australian High Commission

		Mr. Martin Squire	General Manager, Energy Security and International Branch, Department of Industry, Science, Energy and Resources
		Ms. Sarah Sheridan	Director, Energy International Team, Energy Security and International Branch, Department of Industry, Science, Energy and Resources
		Ms. Caroline Rugero	Senior Policy Officer, Energy International Team, Energy Security and International Branch, Department of Industry, Science, Energy and Resources
4.	People's Republic of Bangladesh	<b>H.E. Mr. Nasrul Hamid</b>	<b>Hon'ble State Minister, Ministry of Power, Energy and Mineral Resources</b>
		<b>H.E. Mr. Md. Habibur Rahman</b>	<b>Secretary, Power Division, Ministry of Power, Energy and Mineral Resources</b>
		H.E. Mr. Muhammad Imran	High Commissioner of the People's Republic of Bangladesh to India
		Mr. A.T.M. Mostafa Kamal	Additional Secretary (Renewable Energy), Power Division, Ministry of Power, Energy and Mineral Resources
		Mr. Mohammad Alauddin	Chairman, Sustainable and Renewable Development Authority
		Mr. Nirod Chandra Mondal	Deputy Secretary (Renewable Energy), Power Division,

			Ministry of Power, Energy and Mineral Resources
5.	Belize	<b>H.E. Mr. Rodwell Ferguson</b>	<b>Hon'ble Minister of Public Utilities, Energy and Logistics</b>
		Mr. Marconi Leal	Chief Executive Officer, Ministry of Public Utilities, Energy and Logistics
		Mr. Ryan Cobb	Director, Energy Unit, Ministry of Public Utilities, Energy and Logistics
6.	Republic of Benin	<b>H.E. Mr. Dona Jean-Claude Houssou</b>	<b>Hon'ble Minister of Energy</b>
		H.E. Mr. Todeman Flinso Assan	General Director of Energy Resources and National Focal Point of ISA
		Mr. Oyedekpo Oscar Chabi	Director of Renewable Energies, Energy Management and Energy Efficiency
7.	Republic of Botswana	Mr. Midas Sekgabo	Director
		Ms. Chenesani Asa	Counselor III
		Mr. Atang Masilomangwe	Energy Engineer
		Mr. James Molenga	Principal Energy Engineer
8.	Burkina Faso	<b>H.E. Dr. Bachir Ismaël Ouédraogo.</b>	<b>Hon'ble Minister of Energy</b>
		Mr. Ilboudo Wend Dolean Arsène	Director General

9.	Republic of Burundi	<b>H.E Mr. Selemani Khamissi</b>	<b>Permanent Secretary, Ministry of Hydraulics, Energy and Mines</b>
		H.E. Ms. Stella Budiriganya	Ambassador of the Republic of Burundi to India
		Mr. Gaethan Nicayenzi	Technical Advisor - Energy Sector, Cabinet of the Minister
10.	Kingdom of Cambodia	<b>H.E. Mr. Say Sam Al</b>	<b>Hon'ble Minister of Environment</b>
		H.E. Mr. Prak Thaveak Amida	Deputy Secretary-General and National Focal Point of ISA
		Mr. Theam Vuth	Counsellor
11.	St. Vincent and Grenadines	H.E. Mr Chetan Seth	Honorary Consul of St. Vincent and Grenadines in India
12.	Republic of Cameroon	Ms. Valerie Nkue	National Focal Point of the ISA and Engineer-Researcher, Ministry of Energy and Water
13.	Union Des Comoros	<b>H.E. Mr. Aly Ibouroi</b>	<b>Hon'ble Minister of Energy, Water and Hydrocarbons</b>
		H.E. Mr. K.L. Ganju	Honorary Consul General of the Union Des Comoros in India
		Mr. Omar Mssoma	Deputy Director of Renewable Energies
		Mr. Ali Saandi Mmadi	Advisor of Energy

		Mr. Ahmed Youssouf Mohamed	Technical Advisor of the Minister
14.	Democratic Republic of Congo	<b>H.E. Mr. Olivier Mwenze</b>	<b>Hon'ble Minister of Water Resources and Electricity</b>
		<b>H.E. Mr. Jean Pierre</b>	<b>Permanent Secretary of Ministry of Energy and Hydraulic Resources</b>
15.	Republic of Côte d'Ivoire	Mr. Theodore Dah	Minister Counsellor
16.	Republic of Cuba	<b>H.E. Nicolas Livan Arronte Cruz</b>	<b>Hon'ble Minister of Energy and Mines</b>
		H.E Mr. Alejandro Simancas Marin	Ambassador Designate of the Republic of Cuba to India
		Ms. Eneida Rodriguez Chapman	Director of Renewable Energies, MINEM
17.	Kingdom of Denmark	H.E. Mr. Freddy Svane	Ambassador of the Kingdom of Denmark to India
		Mr. Martin Strandgaard	Deputy Head of Mission, Ministry of Foreign Affairs
		Mr. Asser Rasmussen Berling	Chief Consultant, Ministry of Foreign Affairs
		Ms. Mia Sulsbruck	Special Consultant, Ministry of Climate Energy and Utilities
		Ms. Aishwarya Joshi	Programme Officer, Energy, Embassy of Denmark in India
18.	Republic of Djibouti	<b>H.E. Mr. Yonis Ali Guedi</b>	<b>Hon'ble Minister of Energy and Natural Resources</b>

		<b>H.E Mr. Mohamed Kileh Wais</b>	<b>Permanent Secretary, Ministry of Energy and Natural Resources</b>
		Mr. Nagache Gaas	Chief of Renewable Energy Department
		Mr. Abdourahman Daher Idriss	Engineer, MERN
19.	Commonwealth of Dominica	Mr. Michael A Fadelle	Coordinator, Renewable Energy Programme
		Mr. Ahmed Mohamed Moheina	First Undersecretary of State for Research, Planning and follow-up Authorities
		Dr. Mohamed Mustafa El Khayat	Executive Chairman of New and Renewable Energy Authority
		Eng. Ehab Ismail Amin	Deputy Chairman for Studies and Research and Technical Affairs of New and Renewable Energy Authority
20.	Arab Republic of Egypt	Mr. Mohamed Osama Essa	Undersecretary for Research, Planning and international cooperation
		Ms. Nahla Fawzy El Dramaly	Director of External Affairs & agreement of New & Renewable Energy Authority
		Ms. Sanaa Hassan Abdel Aal	Director of External affairs & agreements of New and Renewable Energy Authority
		Eng. Ahmed Hussein Abdallah	Head of International Cooperation Department Sector

		Mr. Hazem Ahmed Abdel Haleem	General Manager of International Cooperation department
		Acc. Ahmed Mostafa El Nhas	General Manager of External Affairs & agreements of New & Renewable Energy authority
		Mr. Mohamed Samir Salem	Second Secretary, Embassy of the Arab Republic of Egypt to India
21.	Republic of El Salvador	H.E. Mr. Guillermo Rubio Funes	Ambassador of the Republic of El Salvador to India
		Mr. Josue Palacois	Renewable Energy Director of the National Energy Council
		Ms. Aida Antonieta Flores Acosta	International Cooperation Focal Point
		Mr Herberth Josue Palacios Arana	Renewable Energy Director
		Mr. Salvador Candray	Executive Secretary
22.	Republic of Equatorial Guinea	H.E. Mr. Manuel Mbela Bama Ndong	Ambassador of Equatorial Guinea to India
		Mr. Leonardo Mola Laplata Mum	Counselor
23.	Federal Democratic Republic of Ethiopia	<b>H.E. Dr. Frehiwot Woldehanna</b>	<b>Hon'ble State Minister of Water, Irrigation and Electricity</b>
		H.E. Dr. Tizita Mulugeta Yiman	Ambassador of Ethiopia to India

24.	Republic of Fiji	<b>H.E. Mr. Jone Usamate</b>	<b>Hon'ble Minister for Infrastructure and Meteorological Services</b>
		<b>H.E. Taitusi Vakadravuyaca</b>	<b>Permanent Secretary for Infrastructure and Meteorological Services</b>
		H.E. Mikaele Belena	Director of Energy and National Focal Point of ISA
		H.E. Mr. Kamlesh Sashi Prakash	High Commissioner of the Republic of Fiji to India
		Mr. Deepak Chand	Assistant Director of Energy
		Mr. Nilesh Kumar	Counsellor
		Mr. Elia Sevutia	Second Secretary
25.	Republic of France	<b>H.E. Ms. Barbara Pompili</b>	<b>Hon'ble Minister for Ecological Transition and Hon'ble Co-President of the ISA Assembly</b>
		H.E. Mr. Emmanuel Lenain	Ambassador of the Republic of France to India
		Ms. Dana Purcarescu	Deputy Head of Mission, Embassy of Republic of France to India
		Ms. Luisa Terranova	Political Counsellor, Embassy of Republic of France to India

		Mr. Stéphane Pailler	Head, Climate and Environment Division, Ministry for Europe and Foreign Affairs
		Mr. Paul Salvaire	Deputy Head, Climate and Environment Division, Ministry for Europe and Foreign Affairs
		Ms. Amélie Lougsami	Policy Advisor on Energy Transition, Ministry of Ecological Transition
		Mr. Quentin Perret	Project Officer, Climate Unit, Ministry of Ecological Transition
		Mr. Bruno Bosle	AFD France
		Ms. Alisée Pornet	AFD France
		Mr. Augustin Delisle	AFD France
		Mr. Hervé Druon	Director FPE
		Ms. Solenn Anquetin	International Programme Manager, INES
		Ms. Immaculada Miracle	International Program Manager, INES
		Mr. Thomas Mieusset	Counsellor, Embassy of the Republic of France to India
26.	Republic of The Gambia	<b>H.E. Mr. Fafa Sanyang</b>	<b>Hon'ble Minister for Petroleum and Energy</b>

		Mr. Musab Ismail	Deputy Charge d'Affaires
		Ms. Adama Gassama-Jallow	National Focal Point
27.	Federal Republic of Germany	<b>H.E. Mr. Peter Altmaier</b>	<b>Hon'ble Federal Minister of Economic Affairs and Energy</b>
		H.E. Mr. Walter J Lindner	Ambassador of the Federal Republic of Germany to India
		Dr. Heike Henn	Deputy Director General, German Federal Ministry for Economic Cooperation and Development (BMZ)
		Mr. Michael Hackethal	Head of Division, German Federal Ministry for Economic Affairs and Energy (BMWi)
		Mr. Philipp Knill	Head of Division, German Federal Ministry for Economic Cooperation and Development (BMZ)
		H.E. Dr. Jan Weidner	Desk Officer, General issues of international energy cooperation, multilateral energy cooperation, German Federal Ministry for Economic Affairs and Energy (BMWi) and National Focal Point of ISA
		Ms. Lars Becker	Senior Policy Officer, Policy issues of cooperation with Asia, South Asia, German Federal Ministry for Economic Cooperation and Development (BMZ)
		Ms. Mandy Hupfer	Senior Policy Officer, German Federal Ministry for Economic

			Cooperation and Development (BMZ)
		Ms. Likki Pitzen	German Federal Foreign Office
		Mr. Elias Spiekermann	German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety
		Ms. Christiane Hieronymus	Minister, Head of Division, Economic Cooperation & Development, German Embassy New Delhi
		Dr. Stephan Hesselmann	Deputy Head of Economic Section, German Embassy New Delhi
		Dr. Antje Berger	Counsellor, Climate and Environment, German Embassy New Delhi
		Ms. Geetanjali Subhedar Shastri	Adviser, Economic Cooperation and Development
28.	Republic of Ghana	Mr. Ernest Nana Adjei	Minister Counsellor
29.	Republic of Gabon	Mr. Ambourouet Akita Jacques Olivier	Director of New and Renewable Energy
30.	Grenada	<b>H.E. Mr. Simon Stiel</b>	<b>Hon'ble Minister Climate Resilience, the Environment, Forestry, Fisheries, Disaster Management, Information</b>

		<b>H.E. Mr. Gregory Bowen</b>	<b>Hon'ble Minister of of Finance, Economic Development, Physical Development, Public Utilities &amp; Energy</b>
		Mr. Lawrence Samuel	Co-ordinator
31.	Republic of Guinea	<b>H.E. Mr. Sekou Sanfina Diakite</b>	<b>Secretary General, Ministry of Energy</b>
		H.E. Mr. Karim Camara	National Focal Point
		Mr. Albert Saa Dembadouno	Assistant Focal Point
32.	Cooperative Republic of Guyana	<b>H.E. Mr. Deodat Indar</b>	<b>Hon'ble Minister within the Ministry of Public Works</b>
		H.E. Mr. Charrandass Persaud	High Commissioner of the Cooperative Republic of Guyana to India
		Ms. Esther Gittens	Counsellor
		Mr. Mahender Sharma	Chief Executive Officer
33.	Republic of Haiti	Ms. Gerty Pierre	Director of the National Observatory of Environment and Vulnerability
34.	Republic of India	<b>H.E. Mr. R.K. Singh</b>	<b>Hon'ble Minister of Power and New &amp; Renewable Energy and Hon'ble President of the ISA Assembly</b>

		<b>H.E. Mr. Bhagwanth Khuba</b>	<b>Hon'ble Minister of State for New &amp; Renewable Energy and Chemicals &amp; Fertilizers</b>
		<b>H.E Mr. Indu Shekhar Chaturvedi</b>	<b>Secretary, Ministry of New and Renewable Energy</b>
		<b>H.E. Mr. Dhammu Ravi</b>	<b>Secretary (Economic Relations), Ministry of External Affairs</b>
		Mr. P. Harish	Additional Secretary (Economic Relations), Ministry of External Affairs
		Mr. Dinesh Dayanand Jagdale	Joint Secretary, Ministry of New & Renewable Energy
		Mr. Md. Noor Rahman Sheikh	JS (ED), Ministry of External Affairs
		Mr. Ruchin Gupta	Director, Ministry of New & Renewable Energy
		Mr. PNBV Chalapathi Rao	Scientist D (IR)
35.	Jamaica	H.E. Mr. Jason Hall	High Commissioner of Jamaica to India
		Mr. John Clarke	Minister-Counsellor
36.	Japan	H.E. Mr. Satoshi Suzuki	Ambassador Extraordinary and Plenipotentiary of Japan to India
		Mr. Shingo Miyamoto	Minister, Embassy of Japan in India

		Mr. Satoshi Takagi	First Secretary, Embassy of Japan in India
		Mr. Masato Handa	Deputy Director, Resource Security Division, Economic Affairs Bureau, Ministry of Foreign Affairs
		Mr. Takashi Shimokiyoda	Deputy Director, International Affairs Division, Commissioner's Secretariat, Agency for Natural Resources and Energy
		Ms. Mai Araki	Assistant Director, International Affairs Division, Commissioner's Secretariat, Agency for Natural Resources and Energy
37.	Republic of Kiribati	Mr. Albert Brechtefeld	Deputy Secretary for Infrastructure and Sustainable Energy
		Mr. Kireua Kaiea	Energy Planner for Infrastructure and Sustainable Energy
		Mrs. Miriam Iakobwa	Energy Economist for Infrastructure and Sustainable Energy
		H.E. Mr. Anwar Khurshid Arshi	Officer Consul for Honorary Consulate of the Republic of Kiribati in India and National Focal Point of Contact to ISA
38.	Republic of Madagascar	<b>H.E. Mr. Tojonirina Andrisoa Andriatongarivo</b>	<b>Secretary General of the Ministry of Energy and Hydrocarbons</b>

		Ms. Tahina Rasamoelina	Chargee d'Affaires of the Embassy of Madagascar to India
		Ms. Dina Anjaraniaina Razafimahatratra	Director of Energy Generation
		Ms. Virgiana Dalia Soatsara Dieudonne	Director of Cooperation and Partnerships
39.	Republic of Malawi	<b>H.E. Mr. George Mkondiwa</b>	<b>Malawi High Commissioner to India</b>
		<b>H.E. Mr. Patrick C. R. Matanda</b>	<b>Secretary for Energy</b>
		Mr. Cassius Chiwambo	Director of Energy Affairs
		Mr. Joseph Kalowekamo	National Focal Point for ISA
		Mr. Saidi Banda	Alternate National Focal Point for the ISA
		Mr. Patrick Mphepo	Malawi Deputy High Commissioner to India
40.	Republic of Maldives	<b>H.E. Ms. Aminath Shauna</b>	<b>Hon'ble Minister for Environment, Climate Change, and Technology</b>
		<b>Mr. Ajwad Musthafa</b>	<b>Permanent Secretary, Ministry of Environment, Climate Change, and Technology</b>
		<b>H.E. Mr. Ahmed Ali</b>	<b>Director General, Ministry of Environment and National Focal Point of ISA</b>

		Ms. Rizna Rasheed	Assistant Engineer, Ministry of Environment
41.	Republic of Mali	<b>H.E. Mr. Lamine Seydou Traore</b>	<b>Hon'ble Minister of Mines, Energy and Water</b>
		<b>H.E. Mr. Sousourou Dembele</b>	<b>Secretary General of Ministry of Mines, Energy and Water</b>
		H.E. Mr. Sékou Kasse	Ambassador of the Republic of Mali to India
		Mr. Souleymane Kone	Minister Counsellor, Embassy of Republic of Mali to India
		Dr. Famakan Kamissoko	Technical Counsellor, Ministry of Mines, Energy and Water
		Mr. Moussa Ombotimbe	Technical Counsellor, Ministry of Mines, Energy and Water
		H.E Mr. Souleymane Berthe	Director General, AER and National Focal Point of ISA
		Mr. Amadou Sidibe	President Director General, AMADER
		Mr. Oumar Barou Diarra	Director General, EDM-SA
42.	Republic of Mauritius	<b>H.E. Mr. Georges Pierre Lesjongard</b>	<b>Hon'ble Minister of Energy and Public Utilities</b>
		<b>H.E. Mrs. Zeenat Guness Goolbar</b>	<b>Permanent Secretary, Ministry of Energy and Public Utilities</b>

		Mr. Pradeep Mahess Soonarane	Director, Technical Services
		Mr. Madhumattee Ramkhelawon	Deputy Permanent Secretary
43.	Republic of Mozambique	H.E. Mr. Ermindo Augusto Ferreira	High Commissioner of the Republic of Mozambique to India
		Mr. Izidio Rafael Assamundine	First Secretary of the High Commission of the Republic of Mozambique to India
44.	Republic of Union of Myanmar	Mr. Mi Mi Khaing	Director General, Department of Electric Power Planning, Ministry of Electricity and Energy
		Mr. Win Myint	Chief Engineer, Electric Power Generation Enterprise, Ministry of Electricity and Energy
		Mr. Tint Lwin Oo	Director, Department of Electric Power Planning, Ministry of Electricity and Energy
45.	Republic of Nauru	<b>H.E. Hon. Rennier Gadabu, M.P.</b>	<b>Hon'ble Minister for Climate Change and National Resilience</b>
		<b>H.E. Mr. Reagan Moses</b>	<b>Secretary of Climate Change and Resilience</b>
		Mr. Charan Kamal Singh Bhalla	Honorary Consul General of the Republic of Nauru to India
		Mr. Midhun Ajaykumar	Director of Energy
		Ms. Evalyne Detenamo	Director of Climate Action

46.	Republic of Namibia	H.E. Mr. Gabriel Sinimbo	High Commissioner of Namibia to India
		Mr. Nico Snyders	Deputy Director, Renewable Energy Division of the Energy Directorate
47.	Kingdom of Netherlands	Mr. Jozef Geijer	Economic Counsellor
		Ms. Djuke Stammeshaus	Policy Officer
48.	Republic of Nicaragua	Mr. Santiago Bermudez	Director General of Electricity and Renewable Resources
49.	Republic of Niger	<b>H.E. Mr. Ado Leko</b>	<b>Ambassador Extraordinary and Plenipotentiary of the Republic of Niger to India</b>
		Mr. Balla Mahaman Rabiou	Secretary General of the Ministry of Energy
		Mr. Maman Monsour Schitou	Director, Promotion of Renewable Energy in the Ministry of Petrol, Energy and Renewable Energies
		Mr. Zakari Abdou	ISA Focal Point, Chief of Division, Renewable Energy Connections for Electricity
		Mr. Mai Moussa Mourima	Director of Engineering, Nigerien Agency for the Promotion of Rural Electrification

		Mr. Souleymane Boureima	Counsellor at the Embassy of Niger in India
		Mr. Aboubacar Moustapha Diori	First Secretary at the Embassy of Niger in India
		Mr. Chayaou Amadou	National Energy for Solar Agency
50.	Federal Republic of Nigeria	<b>H.E. Engr. Abubakar D. Aliyu, FNSE</b>	<b>Hon'ble Minister of Power</b>
		Engr. Faruk Y. Yusuf	National Focal Point of ISA
		Engr. Ali-Dapshima Abubakar	Deputy Director
		Engr. O.T. Dina	Chief Electrical Engineer
		Eng. Yisa Peter	Senior Electrical Engineer
51.	Sultanate of Oman	<b>H.E. Eng. Salem Nasser Al-Awfi</b>	<b>Undersecretary of the Ministry of Energy and Minerals</b>
		Mr. Abdul Rahim Badr Al-Baram	Senior Renewable Energy Engineer, Ministry of Energy and Minerals
		Ms. Maryam Mohammed Al Hashimiyah	Energy Studies Expert, general Directorate of Electricity and Renewable Energy
		Eng. Zainab Saeed Al-Azri	Second Secretary, Environment and Energy Office Director, Foreign Ministry
52.	Independent State of Papua New Guinea	H.E. Mr. Paulias Kornii	High Commissioner of the Independent State of Papua New Guinea

		Mr. Stenneth Numol	First Secretary
		Mr. Oroqkor Inerehu	Acting Director, Development Cooperation Branch, Multilateral and Development Cooperation Division
		Mr. Justin Ale	Foreign Service Officer
53.	Republic of Peru	<b>H.E. Mr. Carlos Rafael Polo Castañeda</b>	<b>Ambassador Extraordinary and Plenipotentiary of Peru to India</b>
		Ms. Mónica Cecilia Campos Fernández	Counsellor at the Embassy of Peru in India
		Mr. Fabio Subia Díaz	First Secretary at the Embassy of Peru in India
54.	Republic of Rwanda	Mr. Emile Mwepesi	Second Counsellor
55.	Independent State of Samoa	H.E. Dr. Rajesh J Aeren	Honorary Consul of Samoa to India
		Ms. Fefiloi Kerstin	Principal Renewable Energy Officer
56.	Kingdom of Saudi Arabia	Mr. Faisal Abdullah Alyemni	Ministry of Energy
		Mr. Abdullah Alshehri	Business Development Affairs Head
		Mr. Aljohara Mequbel Alfadliah	Ministry of Energy
		Mr. Faisal Al-Yemni	Renewable Energy Director

		Mr. Mohammed Al-Kharashi	Manager of International Organizations Dep.
57.	Republic of Senegal	<b>H.E. Ms. Aissatou Sophie Gladima</b>	<b>Hon'ble Minister of Petrol and Energy</b>
		H.E. Mr. Abdoul Wahab Haidara	Ambassador of Senegal to India
		Mr. Adama Diallo	Secretary General of the Ministry of Petrol and Energy
		Mr. Issa Dione	Director of the Cabinet of the Ministry of Petrol and Energy
		Mr. Amadou Ndene Ndoeye	Minister-Counsellor at the Embassy of Senegal in India
		Mr. Djiby Ndiaye	Director General, National Agency for Renewable Energy
		Mr. Ibrahima Niane	Director of Electricity, MPE
		Mr. Adja Gueye	Director of Promotion of Cooperation, National Agency for Renewable Energy
		Mr. Papa Assane Mbengue	Second Counsellor at the Embassy of Senegal in India
		Ms. Aissatou Sonko	Chief of Division, Cooperation, National Agency for Renewable Energy
		Mr. Abdou Diene Tabane	Chancellor of Foreign Affairs, Department of International Organisations and Globalisation, Ministry of Foreign Affairs and Senegalese Abroad

		Ms. Fatima Dia	Permanent Secretary of the Employers' Council for Renewable Energies
58.	Republic of Seychelles	<b>H.E. Mr. Flavien Joubert</b>	<b>Hon'ble Minister for Agriculture, Climate Change and Environment</b>
		Ms. Rebecca Loustau Lalanne	Principal Secretary for Climate Change and Energy
		Mr. Wills Agricole	Technical Advisor for Climate Change and Energy
		Mr. Tony Imaduwa	Chief Executive Officer of the Seychelles Energy Commission
		Ms. Cynthia Alexander	Principal Officer, Renewable Energy for the Seychelles Energy Commission
59.	Federal Republic of Somalia	H.E. Ms. Faduma Abdullahi Mohamud	Ambassador of the Federal Republic of Somalia to India
		Mr. Abdirizack Mohamed Mohamed	Director General
		Mr. Salim Abdullahi Elmi	Second Counselor
		H.E. Mr. Abdifatah Abshir Ibrahim	National Focal Point of ISA
60.	Democratic Socialist Republic of Sri Lanka	<b>H.E. Mr. Duminda Dissanayake</b>	<b>Hon'ble State Ministry of Solar, Wind and Hydro Power Generation Projects Development, Ministry of Power</b>

		<b>H.E. Mr. Hemantha Samarakoon</b>	<b>Secretary to the Ministry of Solar, Wind and Hydro Power Generation Projects Development</b>
		H.E. Mr. J.G.L Sulakshana Jayawardena	National Focal Point of the ISA
61.	Republic of the Sudan	H.E. Ms. Zeinab Mohamed	National Focal Point of ISA
		Mr. Musab Ismail	Deputy Charge d'Affaires
62.	Republic of Suriname	H.E. Mr. René Pika	National Focal Point of ISA
63.	Kingdom of Sweden	H.E. Mr. Klas Molin	Ambassador of the Kingdom of Sweden to India, Embassy of Kingdom of Sweden to India
		Mr. Gautam Bhattacharyya	Deputy Head of Mission,
		Ms. Fanny Radstrom	Second Secretary, Embassy of Kingdom of Sweden to India
		Ms. Moa Forstorp	Desk Officer, Ministry of Infrastructure
64.	Republic of Togo	<b>H.E. Mr. Flavien Joubert</b>	<b>Hon'ble Minister for Agriculture, Climate Change and Environment</b>
		Ms. Rebecca Loustau Lalanne	Principal Secretary for Climate Change and Energy
		Mr. Wills Agricole	Technical Advisor for Climate Change and Energy
		Mr. Tony Imaduwa	Chief Executive Officer of the Seychelles Energy Commission

		Ms. Cynthia Alexander	Principal Officer, Renewable Energy for the Seychelles Energy Commission
65.	Kingdom of Tonga	<b>H.E. Hon. Poasi Mataele Tei</b>	<b>Hon'ble Minister for Meteorology, Energy, Information, Disaster Management, Environment, Climate Change and Communication</b>
		H.E. Mr. Paula Ma'u	CEO, Ministry for Meteorology, Energy, Information, Disaster Management, Environment, Climate Change and Communication and National Focal Point of ISA
		H.E. Mr. Desh B Sahae	Honorary Consul of the Kingdom of Tonga to India
		Mr. Ofa Sefana	Acting Director of Energy, Ministry for Meteorology, Energy, Information, Disaster Management, Environment, Climate Change and Communication
		Ms. Emeline Veikosi Laumanu	Energy Efficiency Specialist, Ministry for Meteorology, Energy, Information, Disaster Management, Environment, Climate Change and Communication
66.	Tuvalu	<b>Honourable Nielu Meisake</b>	<b>Hon'ble Minister of Transport, Energy and Tourism</b>

		<b>H.E. Mr. Vavau Faatuga</b>	<b>Permanent Secretary for Transport, Energy and Tourism</b>
		H.E. Mr. Simona Kilei	Director of Energy and National Focal Point of ISA
67.	Republic of Trinidad and Tobago	Mr. Kishan Kumarsingh	Head, Multilateral Environmental Agreements Unit, Ministry of Planning and Development
		Ms. Sindy Singh	Climate Change Specialist Multilateral Environmental Agreements Unit, Ministry of Planning and Development
68.	United Republic of Tanzania	Mr. Emilian Nyanda	Alternate National Focal Point
69.	Republic of Uganda	<b>H.E. Ms. Ruth Nankabirwa</b>	<b>Hon'ble Minister of Energy and Mineral Development</b>
70.	United Arab Emirates	<b>H.E. Dr. Nawal Khalefa Al-Hosany</b>	<b>Permanent Representative of the UAE to IRENA</b>
		Ms. Beatrix Schmuelling	Senior Adviser for Renewable Energy and Climate Change - UAE Mission to IRENA
		Mr. Khaled Al Khatib	Communications Consultant
71.	United Kingdom of Great Britain and Northern Ireland	Mr. Towfick Sufian	Technical Advisor to the Hon'ble Minister
		Ms. Adritha Subbiah	Energy and Climate Programme Manager
		Mr. Udit Mathur	Energy Advisor

72.	Bolivarian Republic of Venezuela	<b>H.E. Tania Linares</b>	<b>Hon'ble Vice Minister for New Sources and Rational Use of Electric Power of the Ministry of the People's Power for Electric Energy (MPPEE)</b>
		H.E. Mr. Renzo Silva	General Director of Alternative Energies of the MPPEE and the National Focal Point of ISA
		H.E. Ms. Coromoto Godoy Calderon	Ambassador of the Bolivarian Republic of Venezuela to India
		Mr. Juan Vázquez	Deputy Focal Point of ISA
		Mr. Ramón Quintero	Coordinator of the General Directorate of Alternative Energies of the MPPEE
		Mr. Darwin Planes	Assistant to the General Directorate of Alternative Energies of the MPPEE
		Mr. Ricardo Salas	Minister-Counsellor in the Office of the Vice Minister for Multilateral Affairs of the Ministry of the People's Power for Foreign Relations
73.	Republic of Zimbabwe	<b>H. E. Mr. Zhemu Soda</b>	<b>Hon'ble Minister of Energy and Power Development</b>

### Participants of Observer Countries

S.No.	Signatory Country
1.	Federative Republic of Brazil
2.	Republic of Cabo Verde
3.	Republic of Chile
4.	Republic of Costa Rica
5.	Dominican Republic
6.	Hellenic Republic (Greece)
7.	Republic of Guinea-Bissau
8.	Republic of Italy
9.	Republic of Liberia
10.	Kingdom of Morocco
11.	Republic of Paraguay
12.	Republic of Yemen
13.	Republic of Zambia

Sr. No.	Prospective Member Country
1.	Republic of Angola
2.	Republic of Azerbaijan
3.	Kingdom of Bhutan
4.	Canada
5.	Central Africa Republic
6.	Cyprus
7.	Republic of Finland

8.	Hungary
9.	Republic of Kazakhstan
10.	Republic of Kenya
11.	Lao People's Democratic Republic
12.	Libya
13.	Mongolia
14.	Republic of Philippines
15.	Romania
16.	Republic of Singapore
17.	Slovak Republic
18.	Kingdom of Spain
19.	Switzerland
20.	Kingdom of Thailand
21.	Republic of Tunisia
22.	Turkmenistan
23.	United States of America

### Participants from ISA Partner Organisations

S.No.	Name of Organisation
1.	World Bank
2.	Asian Development Bank (ADB)
3.	European Bank for Reconstruction and Development (EBRD)
4.	European Investment Bank (EIB)
5.	World Resources Institute (WRI)
6.	European Union (EU)
7.	International Energy Agency (IEA)
8.	International Renewable Energy Agency (IRENA)
9.	United Nations Development Programme (UNDP)
10.	United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP)
11.	United Nations International Development Organization (UNIDO)

**Participants from Corporate Partners of the ISA**

<b>S.No.</b>	<b>Name of Organisation</b>
1.	National Hydropower Corporation Limited (NHPC), India
2.	NTPC Limited, India
3.	Coal India Limited (CIL), India
4.	National Aluminium Company Limited (NALCO), India
5.	Airports Authority of India
6.	Power Grid Corporation of India Limited, India
7.	REC Limited, India

### Participants from Special Invitee (Organisations)

S.No.	Name of Organisation
1	Rockefeller Foundation
2	French Development Agency (AFD)
3	Latin American Energy Organisation (OLADE)
4	SAARC Development Fund
5	GIZ, Germany
6	EXIM Bank of India
7	Council on Energy, Environment and Water (CEEW)
8	KPMG India
9	EY India
10	Indian Institute of Technology Delhi
11	REMC Limited
12	African Asian Rural Development Organisation (AARDO)
13	Pacific Centre for Renewable Energy and Energy Efficiency (PCREEE)
14	MEDEF France
15	India Smart Grid Forum
16	IEEE Electron Devices Society
17	Bloomberg News
18	Press Trust of India

19	PHD Chamber of Commerce and Industry (PHDCCI)
20	Syndicatum Renewables
21	International Solar Energy Society
22	Total Energies, India
23	Rotomag Motors and Control Private Limited
24	RMI India
25	India Smart Grid Forum
26	CLASP USA
27	The Economic Times, India
28	The Business Standard, India
29	The Livemint, India