

## AGENDA

### DAY 1: 13 JUNE 2022

VENUE: CINETEATRO BARRAGEIRO - BRAZILIAN SIDE, ITAIPU

\* ALL INFORMATION IN DAY ONE REGARDS CURRENT LOCAL TIME IN BRAZIL – BRASÍLIA TIME (UTV/GMT -3 HOURS)

8:00 – 9:00	<b>Registration</b>
9:00 – 9:40	<b>SESSION 1: OPENING SESSION</b> <b>Introductions: Master of Ceremony</b> <ul style="list-style-type: none"> <li>Video Presentation: "ITAIPU Binacional, the energy of two Nations" – <i>Sustainable Water and Energy Solutions Partnership and Network. (4 minutes)</i></li> <li>Mr. Liu Zhenmin, <i>Under-Secretary-General, UN DESA (Video)</i></li> <li>Ms. Paloma Martín Martín, <i>President, Canal de Isabel II, Comunidad de Madrid, Spain</i></li> <li>Ms. Helena Felip, <i>Ambassador, General Director of Multilateral Policy and Coordinator of the SDG Commission, Ministry of External Affairs, Paraguay</i></li> <li>Mr. André Pepitone da Nóbrega, <i>Director of Finance Brazil, ITAIPU Binacional</i></li> <li>Mr. Manuel María Cáceres, <i>Director General Paraguay, ITAIPU Binacional</i></li> </ul>
9:40 – 10:00	<b>Coffee Break</b>
10:00 – 13:00	<b>SESSION 2: SUSTAINABLE WATER AND ENERGY SOLUTIONS &amp; ENERGY CASE STUDIES</b> <b>Moderator: Mr. Minoru Takada, Team Leader, Sustainable Energy, UNDESA</b> <p>This session addresses the water-energy nexus from the perspective of energy solutions. The session starts with presentations by global and regional organizations describing energy-water nexus issues, challenges and the need for sustainable solutions based on renewable energy at the global and regional levels. Case studies will then be presented by national/regional organizations and country representatives.</p> <ul style="list-style-type: none"> <li>Mr. Eddie Rich, <i>CEO, IHA (virtual)</i></li> <li>Mr. Ricardo Gorini, <i>Senior Programme Officer, IRENA (virtual)</i></li> <li>Mr. Guillermo Koutodjian, <i>Acting Director of Integration, Access and Energy Security, Latin American Energy Organization (OLADE)</i></li> <li>Mr. David Krug, <i>Technical Director, ITAIPU Binacional</i></li> </ul>
11:00 – 11:15	<b>Coffee Break</b>
11:15 – 13:00	<ul style="list-style-type: none"> <li>Mr. Igor Souza Ribeiro, <i>General Coordinator of Electrical System Performance Monitoring, Ministry of Mines and Energy, Brazil (virtual)</i></li> <li>Mr. Gustavo Casal, <i>Director of Alternative Energies, Vice-Minister of Mines and Energy, Paraguay</i></li> <li>Mr. Paulo Emilio Valadao de Miranda, <i>President, Brazilian Hydrogen Association, Brazil (virtual)</i></li> <li>Mr. Federico Valles Figueras, <i>Electric Energy Manager, Canal de Isabel II, Comunidad de Madrid, Spain</i></li> <li>Ms. Doris Edem Valles Figueras, <i>Energy Analyst, Energy Commission, Ghana.</i></li> <li>Mr. Ricardo Narvaez, <i>Technical Sub-Director, Geological &amp; Energy Research Institute (IIGE), Ecuador</i></li> <li>Mr. Satish Gautam, <i>Thematic Advisor, Alternative Energy Promotion Centre, AEP, Nepal</i></li> <li>Ms. Syham Bentouati, <i>Managing Director, NAFAS International, Oman</i></li> <li>Ms. Hazir Farouk Abdelraheem Elhaj, <i>Sudan University of Science and Technology, SUSTECH, Sudan</i></li> <li>Mr. Sohel Ahmed, <i>Managing Director, Grameen Shakti, Bangladesh</i></li> </ul>
13:00 – 15:00	<b>Lunch &amp; Side Events</b>
15:00 – 17:45	<b>SESSION 3: SUSTAINABLE WATER AND ENERGY SOLUTIONS &amp; WATER CASE STUDIES</b> <b>Moderator: Ms. María del Carmen Tejera Gimeno, General Secretary, CANAL de Isabel II, Comunidad de Madrid, Spain</b> <p>This session addresses the water energy nexus from the perspective of water solutions. The session starts with presentations by global and regional organizations describing energy-water nexus issues, challenges and the need for sustainable solutions based on modelling and integrated approaches and systems at the global and regional levels. Case studies will then be presented by national/regional organizations and country representatives.</p> <ul style="list-style-type: none"> <li>Ms. Rayen Quiroga, <i>Chief Water and Energy Unit, ECLAC (virtual)</i></li> <li>Ms. Radia Sedaoui, <i>Chief Energy Section, ESCWA</i></li> <li>Mr. Peter Burek, <i>Research Scholar, IIASA</i></li> <li>Mr. Miguel Doria, <i>Intergovernmental Hydrological Programme, UNESCO Office of Science for Latin America and the Caribbean (virtual)</i></li> <li>Ms. Paloma Martín Martín, <i>President, Canal de Isabel II, Comunidad de Madrid, Spain</i></li> <li>Mr. Mauricio Abijaodi, <i>Director, Water and Sanitation Agency (ANA), Brazil</i></li> <li>Mr. Mohamed Thameur Chaibi, <i>Research Director, National Research Institute for Rural Engineering, Water and Forestry (INRGREF), Tunisia</i></li> </ul>
16:30 – 16:45	<b>Coffee Break</b>
16:45 – 17:45	<ul style="list-style-type: none"> <li>Mr. Sanoj Boyzoda, <i>Representative of Tajikistan to the Executive Committee of the International Fund for Saving the Aral Sea (EC IFAS)</i></li> <li>Mr. Mohamed Hosni Ghedira, <i>Director, Masdar Institute, UAE</i></li> <li>Mr. Anshuman, <i>Associate Director, TERI, India</i></li> <li>Mr. Hugo Ruiz, <i>Director of Drinking Water and Sanitation, Public Works and Communications Ministry, Paraguay</i></li> <li>Mr. Claudio Stabile, <i>CEO, Paraná Sanitation Company (SANEPAR) (virtual)</i></li> <li>Mr. Ariel Scheffer, <i>Head of Environmental Management, ITAIPU Binacional, Brazil</i></li> <li>Mr. Carlos Flores, <i>Head of Environmental Management, ITAIPU Binacional, Paraguay</i></li> </ul>

### DAY 2: 14 JUNE 2022

VENUE: ITAIPU BINACIONAL VISITOR RECEPTION CENTER - PARAGUAYAN SIDE, ITAIPU

\* ALL INFORMATION IN DAY TWO REGARDS CURRENT LOCAL TIME IN PARAGUAY – ASUNCION (UTV/GMT -4 HOURS)

7:30 – 9:00	<b>Side Events</b>
9:00 – 10:30	<b>SESSION 4: SUSTAINABLE WATER AND ENERGY SOLUTIONS – ENVIRONMENTAL INTERLINKAGES CLIMATE CHANGE</b> <b>Moderator: Ms. Edmilce Ugarte, UN Environment – Paraguay</b> <p>This session addresses the interlinkage of water and energy with climate change and the policies and measures being implemented on climate change mitigation and adaptation. The session includes presentations by international organizations and national/regional organizations and country representatives.</p> <ul style="list-style-type: none"> <li>Mr. Gajanana Hegde, <i>Team Leader, Energy, Regulatory Framework Implementation Unit Mitigation Programme, UNFCCC</i></li> <li>Mr. Julián Báez, <i>Director, Regional Office for the Americas, World Meteorological Organization (WMO) (virtual)</i></li> <li>Mr. Peter Burek, <i>Research Scholar, IIASA</i></li> <li>Mr. Pascual Fernández, <i>CEO, Canal de Isabel II, Comunidad de Madrid, Spain</i></li> <li>Ms. Nora Paéz, <i>Head of the Adaptation Department, Direction of Climate Change, Ministry of Environment and Sustainable Development, Paraguay (virtual)</i></li> <li>Mrs. Maria de Lourdes Nunes, <i>Boticario Group Foundation, Brazil (virtual)</i></li> <li>Mr. Alex Guerra, <i>Director of the Climate Change Research Institute, ICC, Guatemala.</i></li> <li>Mr. Nadjib Drouiche, <i>General Director, l'Agence Nationale de Valorisation des Résultats de la Recherche et du Développement Technologique (ANVREDET), Algeria (virtual)</i></li> </ul>
10:30 – 10:45	<b>Coffee Break</b>
10:45 – 13:00	<b>SESSION 5: SUSTAINABLE WATER AND ENERGY SOLUTIONS – WATER AND ENERGY TRANSBOUNDARY COOPERATION AND ENVIRONMENTAL INTERLINKAGES</b> <b>Moderator: Ms. María Antonia Gwynn, Itaipu Binacional</b> <p>This session addresses water and energy transboundary cooperation, biodiversity and terrestrial and water ecosystems. The session includes presentations by international organizations and by regional/national organizations and country representatives.</p> <ul style="list-style-type: none"> <li>Mr. Carlos Zaldivar, <i>Deputy Minister of Mines and Energy, Paraguay (virtual)</i></li> <li>Mr. Tom Howes, <i>Head of Energy and Environmental Division, International Energy Agency (IEA) (virtual)</i></li> <li>Mr. Jose Toron, <i>Regional Programme Officer, Latin America and Caribbean, IRENA (virtual)</i></li> <li>Mr. Massamba Thiolye, <i>Manager Regulatory Framework Implementation. Project Executive UN Climate Change Global Innovation Hub, UNFCCC (virtual)</i></li> <li>Ms. Lucia de Strasser, <i>Environmental Affairs Officer, UNECE</i></li> <li>Mr. Luis Carlos Garcia, <i>Director for La Plata Basin and Navigation. Ministry of Foreign Affairs, Paraguay</i></li> <li>Ms. Mara Tignino, <i>Lead legal specialist, Geneva Water Hub - Faculty of Law and Institute for Environmental Sciences, University of Geneva, Switzerland (virtual)</i></li> <li>Mr. Gabriel Eckstein, <i>Director Energy, Environmental and Natural Resources System Law Program, Texas A&amp;M University, USA (virtual)</i></li> <li>Mr. Clayton Lino, <i>Biosphere Reserves and Transboundary Issues. Biodiversity – MAB program, UNESCO (virtual)</i></li> <li>Ms. Bianca Brasil, <i>Convention on Biological Diversity (CBD) (virtual)</i></li> <li>Mr. Diego Jara, <i>International Union for Conservation of Nature (IUCN) (virtual)</i></li> <li>Ms. Cristina Cano, <i>Executive Director, United Nations Global Compact, Paraguay</i></li> </ul>
13:00 – 15:00	<b>Lunch &amp; Side Events</b>
15:00 – 16:15	<b>SESSION 6: SUSTAINABLE WATER AND ENERGY SOLUTIONS – SOCIAL INTERLINKAGES</b> <b>Moderator: Mr. Izael Pereira Da Silva, Strathmore University, Kenya</b> <p>This session addresses the interlinkage of water and energy with social issues including poverty, food security, health, education, gender, inclusiveness, equity, peace, etc. The session includes presentations by international and by national/regional organizations and country representatives.</p> <ul style="list-style-type: none"> <li>Mr. Jippe Hoogeveen, <i>Senior Land and Water Officer, Food and Agriculture Organization (FAO) (virtual)</i></li> <li>Ms. María Haydeé Jiménez, <i>Senior Regional Manager Latin America and the Caribbean, World Energy Council (WEC) (virtual)</i></li> <li>Ms. Radia Sedaoui, <i>Chief Energy Section, ESCWA</i></li> <li>Mr. Wilson Nobre, <i>Getulio Vargas Foundation (FGV), Brazil</i></li> <li>Ms. Joyce Najm Mendez, <i>Latin American and Caribbean Regional Focal Point of the SDG7 Youth Constituency.</i></li> <li>Mr. Samson Tsegaye, <i>Director, Solar Energy Foundation, Ethiopia</i></li> <li>Mr. Miguel Fernandez, <i>Executive Director, ENERGETICA, Bolivia</i></li> </ul>
16:15 – 16:30	<b>Coffee Break</b>
16:30 – 18:15	<b>SESSION 7: SUSTAINABLE WATER AND ENERGY SOLUTIONS – ECONOMIC INTERLINKAGES</b> <b>Moderator: Ms. Helena Felip, Ambassador, General Director of Multilateral Policy and Coordinator of the SDG Commission, Paraguay</b> <p>This session addresses the interlinkage of water and energy with economic development including infrastructure, jobs, regional sustainable development, etc. The session includes the presentations by international organizations and by national/regional organizations and country representatives.</p> <ul style="list-style-type: none"> <li>Mr. Ricardo Gorini, <i>Senior Programme Officer, IRENA (virtual)</i></li> <li>Ms. Rayen Quiroga, <i>Chief Water and Energy Unit, ECLAC (virtual)</i></li> <li>Ms. Betina Barbosa, <i>UNDP Brazil (virtual)</i></li> <li>Mr. Izael Pereira Da Silva, <i>Deputy Vice-Chancellor, Strathmore University, Kenya</i></li> <li>Mr. Gustavo Paredes, <i>International Adviser, ASAZGUA, Guatemala</i></li> <li>Mr. Sherzad Ali Khan, <i>Regional Coordinator, Aga Khan Development Network (AKDN), Pakistan</i></li> <li>Ms. Jade Anggalao, <i>Energy Access Specialist, Hydro Empowerment Network (HPNET), the Philippines</i></li> <li>Ms. Renata Camargo, <i>Legal and Sustainability Advisor, UNICWA, Brazil</i></li> <li>Mr. Eduardo Allende, <i>Governance Officer, United Nations Development Programme (UNDP), Paraguay.</i></li> </ul>
18:15 – 18:45	<b>SESSION 8: WAY FORWARD AND CLOSING</b> <b>Moderator: Mr. Minoru Takada, Team Leader, Sustainable Energy, UNDESA</b> <p>This session presents the conference summary emphasizing the way forward in terms of recommendations and priority actions for the future. Representatives from the host countries will provide closing remarks.</p> <ul style="list-style-type: none"> <li><b>SYMPOSIUM SUMMARY AND WAY FORWARD</b> <ul style="list-style-type: none"> <li>Mr. Martin Niemetz, <i>Sustainable Development Expert, UNDESA</i></li> </ul> </li> <li><b>CLOSING</b> <ul style="list-style-type: none"> <li>Mr. Luiz Felipe Carbonell, <i>Brazilian Coordination Director, ITAIPU Binacional</i></li> <li>Mr. Gustavo Ovelar, <i>Paraguayan Coordination Director, ITAIPU Binacional</i></li> <li>Mr. Minoru Takada, <i>Team Leader, Sustainable Energy, UNDESA</i></li> </ul> </li> </ul>
19:00 – 20:30	<b>Closing Ceremony</b>

### DAY 3: 15 JUNE 2022

FIELD TRIPS (ITAIPU, BRAZIL/PARAGUAY)

Field Trips will be organized by Itaipu and may include the following:

#### BRAZIL

- ITAIPU Hydroelectric Power Plant (Binational tour)
- RBV e Nurseries and medicinal plants
- Renewable Energy/Biogas Unit

#### PARAGUAY

- ITAIPU Hydroelectric Power Plant (Binational tour)
- Itabo Natural Reserve
- Renewable Energy Projects/Itabo