



## RE-Building Better: Strengthening the Role of Renewable Energy in Recovery and Development

### PROGRAMME

#### PLENARY

18 December 2020

TIME	TOPICS	SPEAKERS
1.00-1.05pm	<i>Welcome</i>	<i>Atty. Cecilia Dalupan, CentRE/WeGen</i>
1.05-1.10pm	<i>Opening Remarks</i>	<i>Dr. Johannes Kadura, FES Philippines</i>
<b>SESSION 1</b>	<p><b>RE Situation in the Philippines</b> This session will discuss on the key policy issues and developments related to RE deployment in the Philippines. As the RE share declines in the past years, we will hear also from the keynote speakers how can the Philippines get back on track in meeting the RE goals especially with key RE programs will take in place such as Renewable Portfolio Standard, Green Energy Option Program and RE Market. <b>Moderator: Grace Yeneza, PEI</b></p>	
1.10-1.30	<i>Keynote on the Philippine Energy Plan/RE situation</i>	<i>Atty. Monalisa Dimalanta, National Renewable Energy Board</i>
1.30-1.45	<i>Urgent policy concerns to accelerate RE deployment (tentative title)</i>	<i>Engr. Jose Logarta Jr., ICSC</i>
1.45-2.00	<i>Q&amp;A / Summary</i>	<i>Moderator</i>
<b>2.00-2.05</b>	<b>BREAK</b> (videos: <a href="#">humans of Reboot</a> , <a href="#">RE initiatives</a> , <a href="#">sponsors</a> )	
<b>SESSION 2</b>	<p><b>RE for COVID, Disasters and Economic Recovery</b> As the country faced with pressing and unprecedented challenges brought by the COVID-19 pandemic and frequent natural disasters, this session will show how RE can help in empowering local government units in their recovery and providing jobs to the people. <b>Moderator: Jenina Joy Chavez, AER</b></p>	
2.05-2.20	<i>Economic Recovery through Powering Agriculture with Renewable Energy</i>	<i>Sec. Emmanuel Pinol, Mindanao Development Authority</i>
2.20-2.35	<i>Realizing Green Jobs</i>	<i>Wilson Fortaleza, Center for Power Issues and Initiatives/ NAGKAISA</i>
2.35-2.50	<i>Involving and supporting IPs for watershed environmental protection</i>	<i>Dr. Lourdes Simpol, Tropical Institute for Climate Studies, ADDU</i>
2.50-3.00	<i>Q&amp;A / Summary</i>	<i>Moderator</i>
<b>3.00-3.05</b>	<b>BREAK</b> (videos: <a href="#">humans of Reboot</a> , <a href="#">RE initiatives</a> , <a href="#">sponsors</a> )	
<b>SESSION 3</b>	<p><b>Getting theRE: Adaptive and inclusive RE technologies and programs</b> Inclusiveness of policies and programs being implemented is important, especially amid health, economic and climate crises. Are the energy policies and programs addressing the concerns of women and other vulnerable communities? What energy technologies and systems are appropriate to the times and location, especially with climate change? This session attempts to address these concerns. <b>Moderator: Riedo Panaligan</b></p>	
3.05-3.20	<i>Ensuring gender dimension in energy policies and programs</i>	<i>Ma. Teresa Diokno, CPII</i>
3.20-3.35	<i>REinventing the cooperatives beyond missionary electrification</i>	<i>Engr. Rene Fajilagutan. Association of Isolated Electric Cooperatives</i>

3.35-3.50	<i>REconnecting marginalized communities through DER/microgrid</i>	<i>Engr. Nelson Enano, CREATE-ADDU/MREC</i>
3.50-4.05	<i>Q&amp;A / Summary</i>	<i>Moderator</i>
<b>4.05-4.10</b>	<b>BREAK (videos: humans of Reboot, RE initiatives, sponsors)</b>	
<b>SESSION 4</b>	<p><b>Investing in RE for people's lives and the environment</b></p> <p>Transitioning to renewable energy sources of power requires investment opportunities. This session will discuss the available investment practices and opportunities offered by financial institutions, Start-up opportunities that will boost RE, and the initiative of CentRE to launch the RE Academy to encourage people to invest in knowledge regarding RE, its related policies and technologies.</p> <p><b>Moderator: Jay Lacsamana</b></p>	
4.10-4.25	<i>Banks' financing set-up/facilities for RE</i>	<i>Vic Abainza, ADFIAP (tbc)</i>
4.25-4.35	<i>Supporting Startups/Technopreneurs</i>	<i>New Energy Nexus</i>
4.35-4.45	<i>Enabling stakeholders through RE Academy</i>	<i>Dr. Ginno Andres/Engr. Jeriel Militar (CentRE)</i>
4.45-4.55	<i>Q&amp;A / Summary</i>	<i>Moderator</i>
<b>4.55-5.00</b>	<b>Closing Remarks</b>	<i>Fr. Joel Tabora, SJ, Ateneo de Davao University</i>

## RE DEEP DIVE SESSIONS x 1<sup>st</sup> iCREATE x RE EXHIBIT

DECEMBER 11 & 14, 2020

TIME	TOPICS	SPEAKERS
12.30-1pm	<i>RE Exhibit Slot (videos,...)</i>	
<b>11 DEC</b> 1-3.30pm	<b>RE-energizing the Marginalized: Inclusive Recovery with Renewable Energy</b> (Co-organizers: CREST (lead), WeGen-Laudatu Si, Galing Pook Foundation)	<b>Moderator: Francis dela Cruz</b>
	This session will present how renewable energy plays a role in making energy accessible for all, regardless of status quo. It will also look into how RE empowers the communities, especially the disadvantaged or vulnerable ones, while enabling recovery, sustainable development, and growth. The iCREATE will also present four research papers about technological advancements in RE, particularly on batteries, solar and biomass.	
<b>SESSION 1</b>	<b>Inclusive and adaptive recovery with renewable energy</b>	
1.00-1.15	<i>RE for forest protection - the Sierra Madre (SMMR) case</i>	<i>Engr. Riedo Panaligan, CREST</i>
1.15-1.30	<i>RE for sustainable livelihood: the case of Aquaculture SANACOR</i>	<i>Charlie Ayco, WeGen</i>
1.30-1.40	Q&A	
1.40-1.55	<i>Integrating RE in local energy planning</i>	<i>Atty. Gia Ibay, WWF (tbc)</i>
1.55-2.10	<i>Solar-powered mills and irrigation for farmers</i>	<i>Erel Narida, OREEI</i>
2:10-2:20	Q&A	<i>Moderator:</i>
2.25-2.30	<i>RE Exhibit Slot (videos,...)</i>	
<b>SESSION 2</b>	<b>iCREATE Paper Presentations</b>	
2.30-2.45	<i>Hybrid Solar Thermal</i>	<i>Prof Dr Hussain H. Al-Kayiem UTP Malaysia</i>
2:45-3:00	<i>Critical raw materials for energy storage</i>	<i>Dr Lawrence Limjuco Myongji University</i>
3:00-3:15	<i>Micro hyro</i>	<i>Engr. Isidro Marfori De La Salle University</i>
3:15-3:30	<i>Additive Manufacturing in RE</i>	<i>Engr Alejandro Espera Virginia Tech University</i>
3:30-4:00	Q&A / Summary	<i>Moderator:</i>
<b>14 DEC</b> 1-3.40pm	<b>RE projects in poor, typhoon-belt, and off-grid areas</b> (Co-organizers: Galing Pook Foundation, Sorsogon PENRO, SENTRO-POWER,...)	
	This session will discuss how distributed energy resources are utilized in Romblon and being developed in Sorsogon. Ongoing renewable energy initiatives in these two areas, most hit by recent typhoons, and emerging RE projects for transportation and livelihood shall be presented – how they lead to maximizing renewable energy resources’ potential to increase energy access and could stimulate economic recovery and growth. The iCREATE will also present four research papers about technological advancements on renewable energy particularly on tidal, ocean thermal, hydrogen fuel, and solar PV charging facility.	
<b>SESSION 1</b>	<b>Developing DER in Sorsogon</b>	<b>Moderator: Engr. Maribeth Fruto</b>
1.00-1.15	<i>RE-eco tourism educational park water impoundment with RE generation</i>	<i>Lorenzo Ubalde, LGU Irosin</i>
1.15-1.30	<i>Solar power sharing</i>	<i>Engr. Melvin Romano, EASI</i>
1.30-1.45	<i>Thermal Solution</i>	<i>Dr. Menandro Berana, UP Dil.</i>
1.45-1.55	<i>Micro Wind Turbine / Solar Thermal Dryer</i>	<i>CentRE Associates</i>
1.55-2.15	Q&A / Summary	
2.15-2.20	<i>RE exhibit slot (videos...)</i>	
<b>SESSION 2</b>	<b>REvolutionizing Romblon (RE-electrification of homes and transportation)</b>	<b>Moderator: Dr. Buenaventura Dargantes</b>
2.20-2.35	<i>The 90-10 vision of ROMELCO for Romblon</i>	<i>Engr. Rene Fajilagutan, ROMELCO</i>
2.35-2.50	<i>RE-energizing small fishing and passenger boats in Romblon</i>	<i>CentRE Associates</i>
2.50-3.05	Q&A / Summary	
3.05-3.10	<i>RE exhibit slot (videos...)</i>	
<b>SESSION 3</b>	<b>iCREATE PAPER PRESENTATIONS</b>	
3.10-3.25	<i>OTEC – State of the Art</i>	<i>Fr Daniel McNamara, SJ, Ateneo de Davao University</i>
3.25-3.40	<i>Advances on tidal turbine design</i>	<i>Engr Mark Anthony Rotor, State University New York- Korea</i>

3.40-3:55	<i>Green hydrogen transportation fuel from renewable energy</i>	<i>Engr Rapha Julysses Perez, Victoria University of Wellington</i>
3.55-4.10	<i>Solar PV charging facility for large-scale disaster relief</i>	<i>Dr Randell Espina Ateneo de Davao University</i>
4.10-4.30	<i>Q&amp;A / Summary</i>	