

*Workshop*

**Community Micro Hydro in Northeast India: Challenges and Opportunities**

Dimapur, Nagaland, May 8-9

**DETAILED PROGRAMME AGENDA**

Day	Programme Activity	Time
<b>DAY 1</b>	<b>May 8: Welcome, Presentations, Mapping of Contexts, and Field Visits</b>	
	----- BREAKFAST, REGISTRATION, ARRIVE AT VENUE -----	8 - 9:30A
	<ul style="list-style-type: none"> <li>• Welcome!               <ul style="list-style-type: none"> <li>○ Mr. Menukhol John, TL, Nagaland Empowerment of People thru Energy Development</li> </ul> </li> </ul>	9:30 - 9:40
	<ul style="list-style-type: none"> <li>• Participant Self Introductions</li> </ul>	9:40 - 9:50
	<ul style="list-style-type: none"> <li>• Workshop Purpose and Overview               <ul style="list-style-type: none"> <li>○ Samir Mehta, South Asia Program Director, International Rivers</li> <li>○ Dipti Vaghela, Energy Solutions Coordinator, International Rivers</li> </ul> </li> </ul>	9:50 - 10
	<ul style="list-style-type: none"> <li>• The Hydroger Story in the Nagaland Context               <ul style="list-style-type: none"> <li>○ Shri Alemtemshi Jamir, Retired Chief Secretary, Nagaland; Former TL NEPeD</li> </ul> </li> </ul>	10 - 10:15
	<ul style="list-style-type: none"> <li>• Overview from each State: Achievements, Challenges, Opportunities (5-min plus 2-3 min Q/A, each)</li> </ul>	10:15 - 11:15
	<p><b>Assam</b></p> <ul style="list-style-type: none"> <li>○ Mr. P.C. Sarma, Secretary, Assam Centre, NB Institute for Rural Technology</li> </ul>	
	<p><b>Arunachal Pradesh</b></p> <ul style="list-style-type: none"> <li>○ Mr. Kanot Perme, Project Officer, Arunachal Pradesh Energy Development Agency</li> <li>○ Mr. Sonilso Tayang, Civil Engineer, Hydro Power Department, Arunachal Pradesh</li> </ul>	
	<p><b>Manipur</b></p> <ul style="list-style-type: none"> <li>○ Mr. L Manglem Singh, Director, Manipur Renewable Energy Development Agency</li> </ul>	
<p><b>Meghalaya</b></p> <ul style="list-style-type: none"> <li>○ Shri. Augustus Suting, OSD, MBDA and Project Manager, MRDS</li> </ul>		
<p><b>Mizoram - "Innovation in Clean Technology - Scaling Impact"</b></p> <ul style="list-style-type: none"> <li>○ Ms. Feli Visco, Project Assistant, Lawma &amp; Visco</li> </ul>		
<p><b>Nagaland</b></p> <ul style="list-style-type: none"> <li>○ Mr. Kavito Chishi, Joint Director, Nagaland Department of New and Renewable Energy</li> </ul>		
<p><b>Sikkim</b></p> <ul style="list-style-type: none"> <li>○ Mr. Bhanu Nepal, Junior Engineer, Sikkim Renewable Energy Development Agency</li> </ul>		

<b>DAY 1</b>	----- SHORT BREAK -----	11:15 - 11:20
	<ul style="list-style-type: none"> <li>• South Asia Regional Case Studies: Best Practices for Success and Scaling (15-min plus 5 min Q/A, each)</li> </ul>	11:20 - Noon
	<p><b>Nepal</b></p> <ul style="list-style-type: none"> <li>○ Mr. Sanjay Sharma, Manager, Regional Centre of Excellence in Micro Hydro, Nepal</li> </ul>	
	<p><b>Sri Lanka</b></p> <ul style="list-style-type: none"> <li>○ Mr. Tony Kalupahana, Founder &amp; CEO, Renewable Energy Development Company, Ltd. (REDCO), Sri Lanka</li> </ul>	
	<ul style="list-style-type: none"> <li>• <b>Keynote Speaker</b> <ul style="list-style-type: none"> <li>○ Shri B.K. Bhatt, Director, Small Hydro Power, Micro Hydel, and Water Mills, Ministry of New and Renewable Energy (MNRE), India</li> </ul> </li> </ul>	Noon - 12:20
	<ul style="list-style-type: none"> <li>• Mapping and Summary of Key Points: State-wise, plus Nepal and Sri Lanka <ul style="list-style-type: none"> <li>○ Dipti Vaghela, Energy Solutions Coordinator, International Rivers</li> </ul> </li> </ul>	12:20 - 12:30
	----- LUNCH BREAK AT VENUE -----	12:30 - 1:30
<ul style="list-style-type: none"> <li>• Field Visits <ul style="list-style-type: none"> <li>○ NEPeD site, 3kW hydroger unit, electrifying roadside hotels, Tsiepama Village.</li> <li>○ Nagaland NRE site, 150kW, 2-phases, under construction, Noroi Village.</li> </ul> </li> </ul>	1:30 - 6P	
<ul style="list-style-type: none"> <li>• Tour of the Center of Excellence for Renewable Energy Studies (CERES) <ul style="list-style-type: none"> <li>○ Visit of fabrication unit for turgo turbine, alternator, and electronic load controller</li> <li>○ Interaction with designers and technicians</li> </ul> </li> </ul>	6 - 7P	
----- END OF DAY 1 AND GROUP DINNER AT HOTEL -----	7:30 - 9:30P	
<b>DAY 2</b>	<b>May 9: Challenges, Strengths/Needs, and Potential Action Plans</b>	
	----- BREAKFAST, REGISTRATION, ARRIVE AT VENUE -----	7.45 - 9A
	<ul style="list-style-type: none"> <li>• Opening of Day 2 Introduction to Breakout Sessions</li> </ul>	9 - 9:15
<ul style="list-style-type: none"> <li>• Facilitated Session 1: Challenges and Opportunities from Multi-Stakeholder Perspective <ul style="list-style-type: none"> <li>Group A - Policy Mechanisms for Scaling and Success</li> <li>Group B - Technology and Capacity Building</li> <li>Group C - Community, Environment, and Productive Use</li> </ul> </li> </ul>	9:15 - 10:15	

<b>DAY 2</b>	<ul style="list-style-type: none"> <li>• Presentations to Larger Group</li> </ul>	10:15 - 10:45
	----- SHORT BREAK -----	10:45 - 10:50
	<ul style="list-style-type: none"> <li>• Facilitated Session 2: State-wise Solutions Mandalas</li> </ul>	10:50 - 11:15
	<ul style="list-style-type: none"> <li>• Warm-Up to Session 3: Needs and Offers</li> </ul>	11:15 - 11:30
	<ul style="list-style-type: none"> <li>• Facilitated Session 3: Potential Action Plans for Scaling Pico and Micro Hydro in Northeast India</li> </ul>	11:30 - 12:30P
	<ul style="list-style-type: none"> <li>• Final Remarks <ul style="list-style-type: none"> <li>○ Shri B.K. Bhatt, Director, Small Hydro Power, Micro Hydel, and Water Mills, Ministry of New and Renewable Energy (MNRE), India</li> </ul> </li> </ul>	12:30 - 12:40
	<ul style="list-style-type: none"> <li>• Summary of Event <ul style="list-style-type: none"> <li>○ Bharat Seth, South Asia Program Coordinator, International Rivers</li> </ul> </li> </ul>	12:40 - 12:50
	<ul style="list-style-type: none"> <li>• Closing and Thanks <ul style="list-style-type: none"> <li>○ Mr. Menumkol John, TL, Nagaland Empowerment of People thru Energy Development</li> </ul> </li> </ul>	12:50 - 1
	----- LUNCH AT VENUE -----	1 - 2
	<ul style="list-style-type: none"> <li>• Optional Tours <ul style="list-style-type: none"> <li>○ Nagaland Bamboo Development Agency - Museum and Emporium</li> <li>○ Nagaland Bee and Honey Mission</li> <li>○ NRE Site</li> </ul> </li> </ul>	2 - 3P