

# NATIONAL WORKSHOP 2019

## CLEAN AND AFFORDABLE RENEWABLE ENERGY FOR SUSTAINABLE RURAL AND REMOTE AREAS THROUGH MICROGRIDS

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**ASHLEY HOTEL, JAKARTA | 5-6 DECEMBER 2019**

Dear National Workshop Colleagues,

RDI would like to thank you for participating and contributing in our National Workshop titled: "Clean and Affordable Renewable Energy for Sustainable Rural and Remote Areas through Microgrids". We are glad to announce that this workshop has succeeded to attract more than 150 participants from more than 50 entities concerning renewable energy development in Indonesia. This workshop has succeeded to facilitate substantial discussions in all 6 thematic panels which include topics focusing on renewable energy policies and strategies, technical discussions, socio-economic aspects, "Voice from Sumba" talk show, lessons learned, and knowledge sharing. In order to further know and understand the summarisation of this workshop, please refer to the following highlights.



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## Highlight of Day I



Day one of the national workshop was generally divided into three panel discussions namely "Policy Orientation and The Development of Renewable Energy in Indonesia", "Renewable Energy Technology Development in Indonesia and Africa", and "Renewable Energy and Social-Economic Issues in Sumba". Various stakeholders were involved in this workshop such as Directorate General of New Renewable Energy and Energy Conservation, Ministry of Energy and Mineral Resources of the Republic of Indonesia; Directorate of Energy, Telecommunication and Information Technology, Ministry of National Development Planning of the Republic of Indonesia; System Planning Division of PT. PLN; Center for Research in Energy and Energy Conservation (CREEC) Uganda; University of Leeds; Directorate General of Disadvantage Regions Development; Ministry of Villages, Development of Disadvantaged Regions, and Transmigration of the Republic of Indonesia; and Hivos South East Asia.



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Through these sessions, we could understand that renewable energy (RE) development is highly encouraged in Indonesia's planning and throughout the implementation which involves synergy of all stakeholders attempted through aligning strategies with the existing policy and regulations. Government of Indonesia (GoI) had actively engaged the private sectors, implementers, and the academics to develop renewable energy in Indonesia. As an example, "Creating Resilient and Sustainable Microgrids through Hybrid Renewable Energy Systems" (CRESUM-HYRES) research had supported RE development in remote and rural areas of Indonesia, especially in Sumba. The initial findings of this research were the design of PyEPlan Microgrids Planning Software, seaweed potential as bioenergy, and the analysis of Willingness to Pay (WTP) in Sumba.

## Highlight of Day II





Day two of the National Workshop dived deeper into the topic of renewable energy lessons learned in rural and remote areas, especially in the eastern part of Indonesia including Sumba Island. This workshop dedicated the first session to facilitate “Voices from Sumba” in which Head of Kamanggih, Dinojo, and Tebara Villages; Local Champion of Sumba (Biogas user); Regional Development Planning Agency; Wira Wacana Christian University; and Vice Regent of South West Sumba were participated. After this session, USAID Indonesia Clean Energy Development (ICED) II, GIZ Energising Development (EnDev), PT. Mikro Kisi Sumba, and Institute for Essential Services Reform (IESR) shared their experience and knowledge on rural and remote areas RE development with specific study cases per entities. The workshop was closed with the knowledge sharing sessions from Energy, Mineral and Mining Resources Directorate, The Ministry of National Development Planning of the Republic of Indonesia; World Resource Institute (WRI) Indonesia; and University of Leeds regarding the RE potential, business model, and how RE could envision the implementation of Sustainable Development Goals (SDGs) and COP 26.

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Once again, we would like to thank our funders, partners, and all participants for the support and contribution towards the national workshop.



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