



Alberto Dalusung III

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DIRECTOR

Alberto Dalusung III, Filipino. 27 years of extensive experience in the energy sector, from energy policy and planning to project execution, particularly, renewable energy projects. Former Director of Planning Services of the Department of Energy. He led in the country's initiatives to develop indigenous geothermal and hydropower resources. As Chief Country Co-ordinator of the Philippines for the EC-ASEAN Co-generation Program (Phase I-III), he led in the identification, project development and financing of the La Suerte Rice Husk Cogeneration Project, the first commercial rice husk cogeneration project in the Philippines. Mr. Dalusung is also a Director and founding member of Preferred Energy Inc. and co-authored the Philippine CDM Guide. He was an original member of the CDM Gold Standard Advisory Board. He acts as Adviser to power distribution utilities and industrial customers on power generation, energy efficiency and CDM.

Mr. Alberto Dalusung III has been involved in the Philippine power sector for the last 27 years: (i) as senior government the Ministry of Energy/Office of Energy Affairs (now the Department of Energy) respectively; and (ii) as leading private sector advocate and developer of renewable energy projects.

Together with Ms. Yeneza, Mr. Dalusung is a pillar of the Philippine renewable energy sector with direct participation in or lead implementor of the following renewable energy projects, considered milestones in the renewable energy sector:

BIOMASS. Conceived of and provided technical and financial support to the La Suerte Rice Husk Cogeneration Plant (1 MWe) in Isabela, which was funded by DBP. This is the first rice hull-fired cogeneration plant in the country. Mr. Dalusung initiated discussions with Mr. Richard Tan of La Suerte Rice Mill to introduce the project idea and followed through with technical and financial discussions that led to the investment decision of the Tan family to undertake the project. Ms. Yeneza and Mr. Dalusung co-wrote the feasibility study and provided full support to La Suerte Rice Mill during DBP's evaluation of the project prior to successful financing. Mr. Dalusung and Ms. Yeneza have also conducted biomass resource assessments studies for multinational corporations and directed their operations to specific biomass suppliers.

Mr. Dalusung steered the Philippine National team of the EC-ASEAN COGEN Programme's three (3) phases from 1991 to 2004. The Programme promoted the implementation of proven, clean & efficient biomass, coal, gas cogeneration projects. It is an economic co-operation initiated by the European Commission (EC) and the Association of South-East Asian Nations (ASEAN) focused on facilitating business partnerships between ASEAN industries and European suppliers. COGEN 3 acted as a business facilitator serving the cogeneration market in South East Asia, in defining and matchmaking appropriate technology supplied by European Equipment Suppliers to ASEAN end-users. In addition



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assistance was provided throughout the process to ensure smooth implementation of the projects.

MINI and MICRO HYDRO. As Directors of a local company, Preferred Energy Inc. (PEI), Ms. Yeneza and Mr. Dalusung were directly involved in the Bubunawan Mini-Hydro Power Plant (7 MWe) in Northern Mindanao where PEI had a minority equity participation. The Bubunawan Mini-Hydro Power Plant is one of the only two, and the biggest project implemented under the Philippine Mini-Hydro Law. It was the first time that Bubunawan's investors, which were primarily involved in electric power distribution ventured into renewable energy project development. Mr. Dalusung and Ms. Yeneza have also taken lead in the preparation of feasibility studies for micro and mini-hydro projects for AMORE and Winrock International.

SOLAR. As key partners of CEPALCO, Ms. Yeneza and Mr. Dalusung also were part of the development of the CEPALCO Solar Photovoltaic Power Plant (1 MWe) in Northern Mindanao. Mr. Dalusung was one of the speakers in the inauguration of the Solar Photovoltaic Power Plant. Ms. Yeneza also served as Programme Manager of the GTZ-NEA Special Energy Programme, and developed the Solar PV Electrification Programme with the electric cooperatives. The implementation of this program was the first time that cooperatives implemented solar PV as part of their off-grid electrification solution. Both Mr. Dalusung and Ms. Yeneza also served as advisors to AMORE in the implementation of their solar.

WIND. Mr. Dalusung conceived of and initiated the Philippine Wind Atlas by securing the services of the National Renewable Energy Laboratory of the United States and matching the funding provided by the United States Department of Energy with local funds from the Philippine National Oil Company and the Department of Science and Technology. The Philippine Wind Energy Atlas has identified over 70,000 MWe of wind power potential nationwide and was the basis of the 33-MW Northwind Bangui Bay Wind Farm.

BIOGAS. Ms. Yeneza and Mr. Dalusung were the founding directors of Philippine Bio-Sciences Company, Inc. (Philbio), now a leading development company in biogas power generation and CDM project development. At the time of Philbio's founding, PEI had majority share in the company and provided its key technical capability.

GEOTHERMAL. Mr. Dalusung, as Energy Planning staff of the former Ministry of Energy, was directly involved in formulating the geothermal steam pricing policy and methodology that enabled the development of PNOC-EDC's geothermal fields in Tongonan, Palinpinon and Bacon-Manito. Tongonan is now the largest "wet" geothermal steam field in the world. PNOC-EDC led the ascent of the Philippines as the second-largest geothermal power producer in the world.



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CDM. Ms. Yeneza and Mr. Dalusung were co-authors of the CDM Country Guide for the Philippines, which was published by the Institute of Global Environment Strategies of Japan (IGES) and the Department of Environment and Natural Resources (DENR) and had been tapped as CDM and Renewable Energy Trainers by IGES and DENR in its Integrated Capacity Strengthening for CDM (ICS-CDM).

Alberto Dalusung is a registered mechanical engineer with over 25 years of extensive experience in the energy sector, from energy policy and planning to project execution, particularly, renewable energy projects. His biomass energy experience includes the identification, project development and financing of the La Suerte Rice Husk Cogeneration Project, the first commercial biomass cogeneration project in the Philippines. He has worked on ASEAN project development initiatives, having been the chief country coordinator for the Philippines for the EC ASEAN COGEN Programme since 1995 to 2005. Mr. Dalusung was former Planning Director of the Philippines Office of Energy Affairs (now Department of Energy) and has led in country's initiatives to develop indigenous geothermal and hydropower resources. He has held various positions in the private sector where he participated in energy pricing, technical analysis and business development work. At the Resource Management International, Philippines, he participated in analysing the power development plan of the National Power Corporation and as Executive Director of the Energy Development and Utilization Foundation, Inc, assisted the private sector to prepare energy projects using biomass, such as rice husk for energy generation, advised and assisted the DOE to conduct their power conservation program and assisted in conduct energy audits.

He was engaged by Winrock International as Program Manager of REPSO Philippines and led the initiative toward the development of the Wind Energy Atlas of the Philippines, engaging the US National Renewable Laboratory as the technical experts for the project. He is currently a Director of Preferred Energy, Inc. (PEI) where he also performs various functions covering policy, technical analysis and evaluation as well as project/business development. He is also PEI's lead CDM expert and trainer. Mr. Dalusung's experience in CDM started in 1999 when he participated as a consultant to the Department of Environment and Natural Resources in the country's first CDM Capacity building project funded by the UNDP. Since then, he has followed the developments in CDM as an original member of the CDM Gold Standard Advisory Board. He leads PEI's CDM initiatives and is active in the identification of potential CDM projects in all project categories, renewable energy, energy efficiency, fuel switching, methane gas mitigation, as well as forestry. He is also PEI's lead trainer and serves as lead resource speaker in PEI's capacity-building activities on CDM. In 2004, Mr. Dalusung co-authored with the Philippine DNA, the CDM Country Guide for the Philippines.