

COMPANY PROFILE

Yayasan Bina Usaha Lingkungan (YBUL) IS a not-for-profit organization established in 1993, in Jakarta, works to provide business solutions in addressing environmental and social-economic challenges through accelerating the role of private sector and community. YBUL works throughout Indonesia in promoting sustainable development, advocating the use of renewable energy as well as assisting small and medium enterprises and link them to technology, market and financial access.

To ensure the achievement of its mission, YBUL strives to interlink and mainstream its programs and activities with existing initiatives that are already conducted by various parties such as Government, financial institutions, private sector, NGOs and local communities.

In its early years, YBUL worked together with **Environmental Enterprises Assistance Fund (EEAF)**, a non-profit organization based in Arlington, USA to support environmentally friendly Small and Medium Enterprises (SME) under six targeted sectors - ecotourism, sustainable forestry, sustainable farming, waste management and minimization, renewable energy and energy efficiency. The program successfully identified and provided financing for 5 (five) business entities with the total amount approximately USD 700,000.

From 1995 to 2004, YBUL engaged in partnership with **Winrock International, USA** to implement a program dedicated to promote the utilization of renewable energy funded by USAID.

Since 1996 until the present, YBUL has been trusted to host a UNDP global funding facility called **Global Environment Facility Small Grants Program (GEF/SGP)** which aims to support the achievement of goals set by Global Conventions to Sustainable Development, Convention on Biodiversity and Convention of Climate Change through local community activities in the field. Since 1993 till now, GEF/SGP has channeled more than USD 2,85 million to 185 local initiatives, located throughout Indonesia.

In 2005, YBUL, in collaboration with **World Resource Institute (WRI)**, established New Venture Indonesia (NVI), a global program that has been implemented in several countries including Brazil, Mexico, India and China. NVI identifies and assesses potential environmentally sustainable and socially responsible small and medium enterprises (SMEs), seeks potential investors and links up the supported sustainable SME with banks and financiers, assists in developing business plan and develops partnership with various institutions to support program implementation.

At the moment, YBUL, in collaboration with **European Partners for the Environment, Belgium**, is working under a project supported by EU Asia Invest to conduct study and assessment of existing financial mechanism for poverty alleviation purpose. In conducting this program, YBUL seek collaboration and supports from various parties such as financiers and donors, private entities through their Corporate Social Responsibility Program, NGOs, and Governments institutions.

Recently, YBUL has been assigned by **The Regional Office of Mining and Energy, Province of Nanggroe Aceh Darussalam**, that is responsible in channeling funds from **BRR, The Aceh and Nias Reconstruction Board**, to conduct feasibility study and community development program to support the development of Micro Hydro Power Generation Plant to electrify rural areas in 5 sub districts in Aceh.

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EXPERIENCE AND QUALIFICATIONS

After more than 10 years of experience, YBUL has successfully developed broad range of expertise both through the In-house trainings as well as its Associates in the fields of technology promotion, capacity building, access to financial supports, community development, business development, policy analysis, partnership and network development and public education. Through its integrated approach, YBUL is known for its leadership in the field of rural/renewable energy development.

The followings are YBUL's field of expertise:

- Renewable Energy (RE)
- Rural Energy Development (RED)
- Clean Development Mechanism (CDM)

YBUL's Services:

- **Renewable Energy (RE)**
 - Technical Assistant (TA)
 - Policy Advocacy
- **Rural Energy Development (RED)**
 - Technical Assistant (TA)
 - Community Development (Comdev)
 - Financing Facilitator
- **Clean Development Mechanism (CDM)**
 - Capacity Building
 - PIN and PDD Development
 - CER buyer-project developer facilitator

RELEVANT AND VERIFIABLE YBUL RENEWABLE ENERGY & CDM PROJECT REFERENCE

1. Project name: Biomass Energy Systems & Technology (BEST) Project
 - Name and address of client (indicate if joint venture): Winrock International Institute for Agriculture Development, 1611 North Kent Street, Suite 600 Arlington, VA 22209-2134.
 - Period of contract: 1 December 1996 to 31 July 1997
 - Source of financing: USAID Global Bureau
 - Description of services provided: The project aimed to place renewable energy policy through bottom up approach, which is by demonstrating the viability of renewable energy projects. The tasks included reconstituting and managing Winrock's biomass energy program in Indonesia, as well as identifying potential biomass energy projects for pre-Investment and conduct pre-feasibility study.
 - Output: Pre-Feasibility Study on 2 (two) Biomass Palm Oil Power Generation in North Sumatra, Indonesia.

2. Project name: NGO Renewable Energy Initiatives Project
 - Name and address of client (indicate if joint venture): Winrock International Institute for Agriculture Development, 1611 North Kent Street, Suite 600 Arlington, VA 22209-2134
 - Period of contract: 5 Sept 1997 to 31 Aug 1999
 - Source of financing: USAID, Global Bureau, Washington DC, USA
 - Description of services provided: With the absent of renewable energy policy in Indonesia, the project tried to promote the enactment of renewable energy policy through bottom up approach, that is by demonstrating the viability of renewable energy projects. Additionally, in promoting the commercialization of renewable energy projects in Indonesia, the project identify and develop small hydropower projects for rural communities, and facilitate financing for renewable energy projects.
 - Output:
 - Provided financing and developed 2x120 KW capacity Micro-Hydro Project for Dewata Tea Plantation in Ciwidey, West Java. It is aimed to cater energy need of the captive industry (tea plantation) to reduce the use of fossil fuel while increasing cost efficiency from energy uses.
 - Provided financing to solar energy company to develop Balance of System (BoS) at Jakarta.
 - Provided financing and developed 15 KW capacity Pico-Hydro Project in Garung for community in Garung, West Java. This community-based energy service is integrated to productive uses that aim to improve their livelihood.

3. Project name: Leader with Associate (LWA)
 - Name and address of client (indicate if joint venture): Winrock International Institute for Agriculture Development, 1611 North Kent Street, Suite 600 Arlington, VA 22209-2134
 - Period of contract: 24 February 2000 to 30 September 2004
 - Source of financing: USAID, Global Bureau, Washington DC, USA

- Description of services provided: Enhancing the commercialization of renewable energy utilization and rural electrification projects implementation through integrated approach.
 - Output:
 - Pilot projects of renewable energy utilization, including deployment of 2 unit solar drier for 2 coffee growers cooperatives, 16 unit of solar cooker in 5 coastal villages, 2 units of solar satellite phone.
 - Regional Energy Planning for 8 local governments in various regions (Kabupaten Tapanuli Utara, Province of North Sumatera; Kabupaten Bengkulu Utara, Province of Bengkulu; Kabupaten Pasir Utara, Province of East Kalimantan; Kabupaten Penajam, Province of East Kalimantan; Kabupaten Palu, Province of Central Sulawesi; Kabupaten Kupang, Province of East Nusa Tenggara; Kabupaten Ende, Province of East Nusa Tenggara; Kabupaten Mimika, Province of West Papua)
- .4. Installed a 25 KW Micro-Hydro located in Seloliman, East Java for households use, cotton blower and paper recycling
- Name and of client : UNDP
 - Installation in the year 2002 electricity is use by the community and sold to PLN
5. Development of Rural Electrification Strategy for Indonesia
- Name of client : World Bank
 - Periode of contract 2005
6. Installed community-based energy services 15 kW Pico-Hydro in Garung, West Java for household use & agriculture production
- Name of client : Winrock International-USAID
 - Installed in the years 2002
8. Installed community-based energy services 5 kW Pico-Hydro in Caringin, West Java for household use funded by YBUL-ITB- Universitas Pakuan-TN Gde Pangrango –Gelimas- CEPS (PLN)-Concervation International
- Installed in the years 2009
9. Project name: Monitoring and Evaluating the South South North (SSN) Project in Indonesia.
- Name and address of client (indicate if joint venture): HELIO International, 56, rue de Passy, 75016 Paris, France.
 - Period of contract: March 2002 to December 2008
 - Source of financing: HELIO International
 - Description of services provided: Monitoring and evaluating SSN and the project owner of a mitigation or adaptation projects in Indonesia.
 - Output: Monitoring and Evaluation Report of the SSN Project
10. Project name: Promoting Foreign Investment in Indonesian Projects: Reducing Global GHG Emissions and Fostering Local Sustainable Development.
- Name and address of client (indicate if joint venture): USAID Jakarta, US Embassy, Jl. Merdeka Selatan no.3-5, Jakarta 10110.

- Period of contract: 8 May 2002 to 6 November 2006
 - Description of services provided: The objective of the project is to promote the application of renewable energy technology through CDM mechanism. The tasks included organizing capacity building workshops for Indonesian project proponents and developing an emission reduction projects preparation hand book.
 - Output:
 - Capacity building workshops in various areas in Indonesia.
 - Indonesian emission reduction case study, that outline of the GHG market investment environment, process, challenges and outstanding issues of developing GHG emission reduction projects in Indonesia.
11. Project name: Preparation Draft Policy on the Utilization of Renewable Energy and Energy Conservation
- Name and address of client (indicate if joint venture): Directorate General Electricity and Energy Utilization, Jl. H.R. Rasuna Said Blok X 2 Kav. 7-8, Kuningan, Jakarta 12950.
 - Period of contract: 1 August 2003 to 31 Desember 2003
 - Description of services provided: Analyzing tax system in Indonesia related to activities that utilizes renewable energy and energy conservation and drafting policy on renewable energy and energy conservation utilization, as part of top-down approach for placement of renewable energy policy in Indonesia.
 - Output:
 - Report on financing system and tax incentives for renewable energy and energy conservation utilization.
 - Draft concept policy on renewable energy and energy conservation utilization
12. Project name: Capacity Building for the Clean Development Mechanism in Indonesia
- Name and address of client (indicate if joint venture): Institute for Global Environmental Strategies (IGES), 2108-11 Kameyamaguchi, Hayama, Kanagawa, 240-0115, Japan.
 - Period of contract: 10 October 2003 to 31 March 2008
 - Description of services provided: Organizing capacity building on Clean Development Mechanism to increase the awareness and capacity of businesses on CDM scheme and procedures. Additionally, assisting IGES in the effective implementation of CDM in Indonesia by identifying CDM project ideas in preparation for Project Design Documents (PDDs).
 - Output:
 - Organized 16 capacity building sessions on Clean Development Mechanism in various regions in Indonesia.
 - Developed 25 Project Identification Note (PIN) and 3 Project Design Documents (PDDs).
13. Project name: CDM Feasibility Study on Municipal Solid Waste Power Plant Project in Indonesia
- Name and address of client (indicate if joint venture): Pacific Consultants International, 7-5, Sekido 1 Chome, Tama-shi, Tokyo 206-8550 – Japan.

- Period of contract: 9 August 2004 to 31 October 2004
 - Description of services provided: Conducting CDM feasibility study on municipal solid waste power plant project in Sidoarjo, East Java.
 - Output: A Feasibility Study on Municipal Solid Waste Power Plant Project in Sidoarjo, East Java.
14. Project name: The Feasibility Study on High Quality Fuelisation of Waste Biomass and Its Advanced Utilization Project in Indonesia.
- Name and address of client (indicate if joint venture): Ishikawajima-Harima Heavy Industries Co., Ltd., 2-1, Ohtemachi 2-Chome, Tokyo 100-8731, Japan.
 - Period of contract: 1 August 2005 to 28 February 2006
 - Description of services provided: Conducting stakeholder meeting as part of the feasibility study on high quality fuelisation of waste biomass and its advanced utilization project at palm oil plantation and cement industry in West Sumatra.
 - Output:
 - Stakeholder Meeting of AMP Plantation Padang in Padang, West Sumatra.
 - Stakeholder Meeting of PT. Semen Padang in Padang, West Sumatra.
15. Project name: Development of a Rural Electrification Strategy for Indonesia.
- Name and address of client (indicate if joint venture): The World Bank, Jakarta Stock Exchange Building, Tower 2, 12th Floor, Sudirman Central Business District (SCBD), Jl. Jendral Sudirman Kav. 52-53, Jakarta 12190, Indonesia.
 - Period of contract: 15 November 2004 to 30 January 2005
 - Description of services provided: Assessing general economic data for different regions especially as it pertains to living standard, current energy utilization, and potential future demand and income generating activities.
 - Output: Report study on Rural Energy Access for Remote Area.
16. Project name: Indonesia Focal Point to Assist the Development of Global Village Energy Partnership Asia (GVEP Asia)
- Name and address of client (indicate if joint venture): The World Bank, 1818 H Street, N.W., Washing D.C., USA
 - Period of contract: 3 February 2005 to 30 June 2005
 - Description of services provided: Facilitate policy dialogue with local government officials and GVEP partners with the purpose of integrating energy services in poverty reduction strategies and other instruments of economic development planning. Mobilize private and public sector financing and multi stakeholders who can participate in the implementation of the investment program and delivery of energy services.
 - Output:
 - Report on the Structure, Character and Quantity of Demand for Energy Services in Villages in Indonesia.
 - Project concept notes of the Indonesian Delegation to the Regional Village Energy Workshop.
17. Project name: Research on CDM Implementation in Indonesia
- Name and address of client (indicate if joint venture): Pacific Consultants Co. Ltd., Shinjuku Dai-ichi Seimei Bldg., 2-7-1, Shinjuku-ku, Tokyo, Japan.

- Period of contract: 25 December 2005 to 28 February 2006
- Description of services provided: Conducting research on CDM Implementation in Indonesia with the objective to identify the CDM decision making process and key players within and outside the government.
- Output: List of CDM related institutions in Indonesia

18. Project name: CDM Capacity Building for Financial Institutions

- Name and address of client (indicate if joint venture): World Bank, Jakarta Stock Exchange Building, Tower 2, 12th Floor, Sudirman Central Business District (SCBD), Jl. Jendral Sudirman Kav. 52-53, Jakarta 12190, Indonesia.
- Period of contract: 4 June 2006 to 30 June 2006
- Description of services provided: Conducting CDM Capacity Building for Financial Institutions.
- Output: A session of CDM Capacity Building for Financial Institutions.

19. Project name: CDM-related Information Collection in Indonesia.
- Name and address of client (indicate if joint venture): Pacific Consultants Co. Ltd., Shinjuku Dai-ichi Seimei Bldg., 2-7-1, Shinjuku-ku, Tokyo, Japan.
 - Period of contract: 7 November 2006 to 16 February 2007
 - Description of services provided: Identification of Industrial Associations and Main Companies in the high potential sectors in Indonesia and the awareness to undertake CDM projects.
 - Output:
 - List of industrial associations and main companies in the high potential sectors in Indonesia.
 - List of CDM consultancies in Indonesia.
20. Project name: Alternative Energy and Environment Projects
- Name and address of client (indicate if joint venture): PT. Cabot Indonesia, Jl. Amerika I - Kav. A5, Kawasan Industri Estate Cilegon, Cilegon 42443, Banten.
 - Period of contract: 10 July 2007 to 31 January 2008
 - Description of services provided: Conducting preparation for and develop Project Design Documents (PDD) for PT. Cabot Indonesia.
 - Output: Project Design Documents (PDD) of PT. Cabot Indonesia.
21. Project name: Preparing Clean Energy Projects for Clean Development Mechanism
- Name and address of client (indicate if joint venture): Asean Development Bank (ADB), 6 ADB Avenue, Mandaluyong City, 1550 Metro Manila, Philippines.
 - Period of contract: 1 Aug 2007 to 30 Apr 2008
 - Description of services provided: Providing overall assistance to the Indonesian Government in the preparation for the 13th Meeting of Conference of Parties (COP 13) to the UNFCCC and the 3rd Meeting of Parties (MOP 3) to the Kyoto Protocol in Bali on 3-14 Dec 2007. Provide technical support in the development of potential CDM projects from ADBs portfolio of projects in Indonesia.
 - Output:
 - Report on Study of Energy and Infrastructure Sectoral Policies of Government of Indonesia.
 - Report on Assessments and Suggestions on encouragement of implementation of GHG emission reduction projects for business and financial institutions.
 - Report on Assessment of CDM projects feasibility and recommendations in Indonesia.
22. Project name: Project Design Documents (PDD) Preparation for CDM of PT. Master Steel Mfg. Jakarta
- Name and address of client (indicate if joint venture): JP Steel Plantech Co., Tsurumi Heart Building, 4-32-23, Tsurumi Chuo, Tsurumi-ku Yokohama 230-0051, Japan.
 - Period of contract: 22 August 2007 to 15 January 2008
 - Description of services provided: Preparation of Project Design Documents for CDM concerning the Biomass Energy Utilization Plan of PT. Master Steel Mfg. Jakarta

- Output: Project Design Documents (PDD) of PT. Master Steel Mfg. Jakarta
23. Project name: Reinforcing Provision of Sustainable Energy Services in Indonesia for Poverty Alleviation and Sustainable Development
- Name and address of client (indicate if joint venture): IT Power Limited ,Grove House, Lutyens Close, Chinehan, Hampshire, RG24 8AG, UK.
 - Period of contract: 1 September 2007 to 31 December 2009
 - Source of financing: European Union
 - Description of services provided: Conducting an overview of policies documents concerning Energy, Rural Development, Rural Financing and SME sectors. Developing Solar PV Design and Installation Tool Kit, as well as An End User Operation and Maintenance Manual. Conducting local pilot training courses in solar Energy basics and capacity building in solar system, maintenance, and performance.
 - Output:
 - Overview of policies documents concerning Energy, Rural Development, Rural Financing, and SME sectors.
 - Solar PV Design and Installation Tool Kit
 - Manual of End User Operation and Maintenance.
 - Pilot training courses in solar Energy basics and capacity building in solar system, maintenance, and performance.
24. Project name: Renewable Energy Development Project in Indonesia (RENDEV)
- Name and address of client (indicate if joint venture): Transénergie, 3D Allée Debussy, 69130 Ecully, France.
 - Period of contract: 1 July 2007 to 31 December 2009
 - Source of financing: European Union
 - Description of services provided: Conducting national conference workshop on Solar PV development in Indonesia and quantification of the regional development potentials. Preparing market feasibility for Indonesia in order to improve widely solar equipment applications and financial model design solar PV development.
 - Output:
 - National conference workshop on Solar PV development in Indonesia.
 - Report on regional development potentials.
 - Report Study on market feasibility for Indonesia.
 - Financial model design solar PV development.
25. Project name: Feasibility Study on Biogas Ovens for Fair Trade Producers of Wisnu as a CO₂ Compensation Project in the Hivos Climate Fund.
- Name and address of client (indicate if joint venture): HIVOS, Raamweg 16, 2596 HL Den Haag, P.O. Box 85565, 2508 CG Den Haag, The Netherlands.
 - Period of contract: 16 April 2008 to 5 May 2008
 - Source of financing: HIVOS
 - Description of services provided: Conducting feasibility study of substitution of existing fuel (fire wood and natural gas) with biogas on the oven/furnace of Fair Trade Producers of WISNU in three ceramic/earth ware industries located in Yogyakarta, as a CO₂ compensation project in The Hivos Climate Fund, referring to rules of CDM.

- Output:
 - Feasibility study report and recommendation for biogas reactor installation for the three industries

26. Project name: IGES CDM Capacity Building in Indonesia

- Name and address of client (indicate if joint venture): Institute for Global Environmental Strategies (IGES), 2108-11 Kameyamaguchi, Hayama, Kanagawa, 240-0115, Japan.
- Period of contract: 4 July 2008 to 31 March 2009
- Source of financing: Institute for Global Environmental Strategies (IGES)
- Description of services provided: Organizing capacity building on Clean Development Mechanism to increase the capacity of the private sector in designing CDM projects pertinent to their line of businesses. The workshops will be structured to promote identification of concrete project ideas and project proponents. Additionally, providing a consultation service to companies requiring CDM information from Ministry of Environment. As a follow up, YBUL will support development of Project Design Documents (PDDs).
- Output:
 - Organize two capacity building sessions and two consultation meetings on Clean Development Mechanism in two cities in Indonesia.
 - Develop Project Identification Note (PIN) and 2 complete Project Design Documents (PDDs).

27. Project name: Technical Assistance to BAPPENAS and UNDP on Climate Change Policy and Programming

- Name and address of client (indicate if joint venture): GRM International Pty Ltd, Lennons Commercial Tower, Level 29, 76 Brisbane, Queensland 4000, Australia.
- Period of contract: 3 November 2008 to 31 December 2008
- Source of financing: GRM International Pty Ltd, Australia.
- Description of services provided: Providing key technical input for the publication of “Moving forwards towards pro-poor renewable energy” by facilitating focus group discussion of key stakeholders on future of renewable energy development.
- Output:
 - Final draft of Pro-poor renewable energy strategy report.

28. Project Name: Service agreement For CC Program Loan Advisory and Monitoring Team

- Name & address of Client: Japan International Cooperation Agency (JICA), Indonesia Office, Sentral Senayan II, 14th floor, Jl. Asia Afrika No. 8, Jakarta 10270, Indonesia.
- Period of Contract: 17 December 2008 to 20 March 2009
- Source of financing: Japan International Cooperation Agency (JICA), Indonesia Office.
- Description of Service Provided: Monitor and report on related indicators (actions and targets) for the energy sector programs specified under the policy matrix of the Climate Change Program Loan with collection of relevant documents.

- Output:
 - Final draft Report of Monitoring on the policy matrix of Climate Change Program Loan with collection of any relevant documents.

29. Project name: Project Design Document (PDD) Preparation for CDM of PT..Arthanimas, Bandung

- Name and address of client : PT..Arthanimas, Jl. Babakan Jeruk II No. 11, Bandung , West Java, 40163.
- Period of contract : 4 February 2009 to 31 March 2010
- Source of financing: PT. Arthanimas
- Description of Service Provided : Preparation of Project Design Documents for CDM concerning the composting product of PT. Arthanimas
- Output: Project Design Document (PDD) of PT. Arthanimas

30. Project name: Biofuels Sustainability Data and Analysis

- Name and address of client : Winrock International Institute for Agriculture,
- Period of contract : 30 April 2009 to 31 May 2009
- Source of financing: Packard Foundation
- Description of Service Provided: Provide and comment on relevant data required for Indonesia case study on biofuels.
- Output: A compilation of biofuels related information in Indonesia.