



COMPANY PROFILE

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We, working with clients from both the public and private sectors, provide a wide range of services in the energy, climate and environment fields.

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ABOUT US

We are a value-driven, multi-disciplinary engineering consultancy fundamentally committed to sustainable progress and service delivery.

RCEE, a premier Vietnam-based consulting firm focused on Energy, Climate and Environment since its founding in 2006, is headquartered in Hanoi with a team of about 20 permanent staff members.

RCEE offers professional services encompassing a broad spectrum of expertise in energy and emission mitigation issues in Vietnam.

We take pride in our highly qualified consultants and have established a vast network of national and international researchers, experts, and specialists from diverse professional backgrounds.

The experts at RCEE demonstrate proficiency in operating effectively in multicultural, empowering, and participatory environments.

For the past 20 years, RCEE has delivered technical services for various donor-funded and government projects focused on energy and environmental issues, particularly in climate change mitigation, green growth, energy efficiency, energy management, and renewable energy. Our primary clients include international development agencies such as the United Nations (UN), World Bank (WB), Asian Development Bank (ADB), Danish Energy Agency (DEA), French Development Agency (AFD), and the United States Agency for International Development (USAID), GEAPP, as well as ministries like the Ministry of Industry and Trade (MOIT), Ministry of Agriculture and Environment (MAE), Ministry of Construction (MOC), Ministry of Finance (MOF), and various SOEs along with the private sector. Our consulting services are organized into five main areas: Renewable Energy, Energy Efficiency, Climate, Green Growth, and Sustainable Development Goals (SDG).

We assist our clients in bolstering their capacity for climate initiatives and energy transition across different industries in Vietnam. Our technical assistance aids in improving the ability to analyze and formulate clean energy strategies, as well as evaluate emission mitigation options to inform decision-making.



ENERGY TRANSITION

RCEE collaborates with clients to accelerate the transition and decarbonization of the energy system and create new investment opportunities to support the shift towards a net zero future.

Our expertise, stemming from both our in-house staffs and a network of insightful consultants, enables us to offer comprehensive advisory services and specialized training programs. From clean energy technologies to energy management strategies and the adoption of low carbon development practices, we tailor our offerings to meet the diverse needs of public and private entities across various industrial sectors.

Our client base ranges from small and medium-sized enterprises in the garment and textile sector to major corporations in power, oil and gas, iron and steel, and cement. This diversity enables us to tackle sector-specific challenges and opportunities, ensuring our solutions are effective and impactful.

As part of our contribution to the Energy Transition, we provide detailed technical findings and analysis to identify investment requirements and opportunities. These include scaling up wind and solar power generation, upgrading transmission grid infrastructure, promoting energy efficiency, facilitating battery storage solutions, and advancing the adoption of electric vehicles (EV).

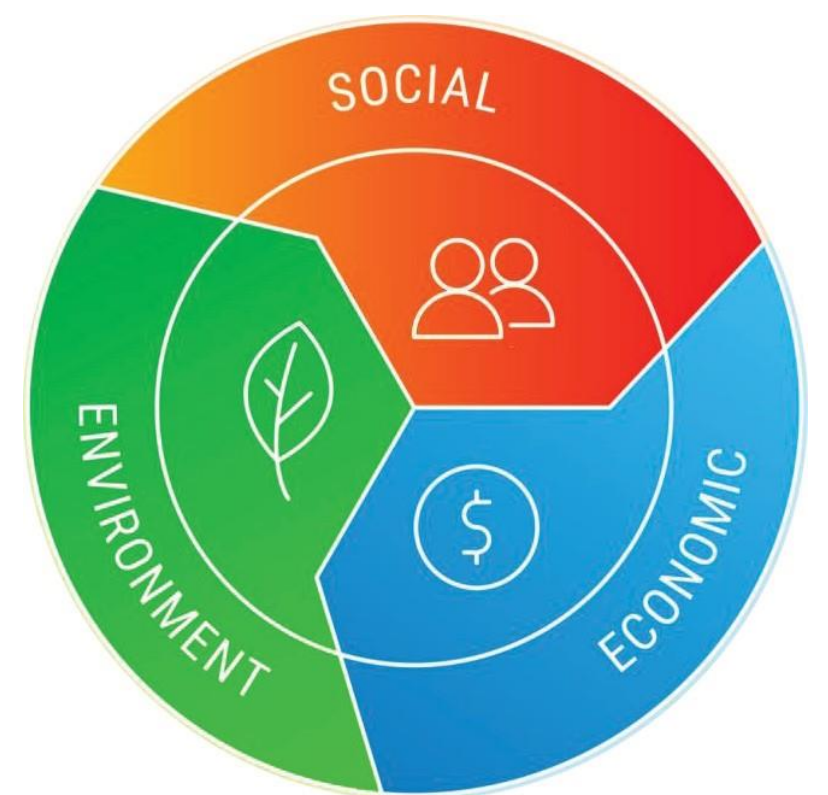
RCEE partners with technology providers to promote renewable energy solutions across economic sectors including industry, agriculture, transport and service. We have supported Da Nang City in deploying EVs and EV charging/swapping stations, and assisted a global apparel company in adopting E-scooters in their factories.

GREEN FINANCING

RCEE advises authorities and investors on financing green investments. Our consulting suite for financial institutions encompasses portfolio development, E&S and climate due diligence, carbon accounting, climate risk assessments, and the formulation of strategic mitigation frameworks.

We have participated in a study aimed at conducting preparatory work for a Multisectoral Green Program, which involves establishing green credit lines to be provided by AFD to a number of public banks in Vietnam. Our involvement included conducting a comprehensive review of the green finance market in Vietnam, illustrating how AFD's green multisectoral credit line could enhance green finance and support emerging sectors through concessional loans to designated banks, technical assistance initiatives, and investment grants for relevant stakeholders.

Collaborating with our international partners, we contributed to the design of the credit line. This involved tailoring eligibility criteria to align with the Green Credit line objectives, assessing the existing portfolio and pipeline of selected banks, and developing a customized roadmap to outline actionable steps for the feasible implementation of the program in Vietnam.



RCEE's experts have been selected to build awareness and understanding of staff from Vietnamese financial institutions and other stakeholders in Green Bonds through a series of training sessions on Regulatory/legal requirements for placing a bond in Vietnam, Green Bond issuance from different perspectives, and the Green bond review and appraisal process.





RENEWABLE ENERGY

RCEE works in the renewable energy sector by providing advice and promoting its use for electricity generation. The goal of this initiative is to enhance the supply of electricity from renewable sources in a commercially viable, environmentally friendly, and socially sustainable manner.

RCEE has participated in the Vietnam Low Emission Energy Program to assist the Government of Vietnam (GVN) in establishing an effective policy, regulatory framework to incentivize sustainable growth in the energy sector toward low-emission goal, while simultaneously attracting public- and private-sector investments in renewable energy development, power system stabilization and industrial energy efficiency.

Particularly, RCEE has conducted various modelling activities to inform policy makers to timely respond to rapidly higher penetration of variable renewable energy in Vietnam power system. We also provided technical analysis and assessment for policy makers to consider the adoption of Direct Power Purchase Agreement (DPPA) in order to facilitate renewable energy procurement by allowing large electricity consumers to directly purchase electricity from renewable energy generators.

RCEE has worked as a local partner for the Vietnam Urban Energy Security (VUES) Project, aiming to provide guidance and advisory support to local departments and the private sector in order to enhance their adoption of renewable energy and energy efficiency measures.

ENERGY EFFICIENCY

RCEE has been actively supporting the Government of Vietnam (GVN) to promote the development of energy policies, particularly in energy efficiency and sustainable energy. We work with relevant Departments within the Ministry of Industry and Trade (MOIT), which governs the energy sector, including the Electricity Authority of Vietnam (EAV - merging from EREA and ERAV), and the Agency for Innovation, Green Transition and Industry Promotion (IGIP – merging from EESD, DOST and AIP), in many clean energy and energy efficiency programs to review and to provide inputs for policy makers to improve the existing regulatory frameworks.

RCEE has supported the ministries to increase Energy Efficiency Adoption and Compliance through various technical assistance on energy benchmarking figures for industrial sectors in Vietnam including cement, iron and steel, pulp and paper, food processing, and textile. Particularly, RCEE has conducted an assessment on current status and identify technical and economic potential of energy efficiency solutions, to provide inputs to establish Minimum Energy Performance Standards (MEPS) for the steel sector.

Energy management consultancy is our core business. RCEE provides expertise through energy auditing services, consulting on developing a sustainable energy management system, and training courses in energy audit, energy service model, energy performance measurement, Measurement, Reporting and Verification (MRV), energy management system and energy saving. Our energy auditors, licensed by Ministry of Industry and Trade (MOIT), have conducted approximately 200 energy audits for enterprises, covering various industries: power generation, cement, iron and steel, food processing, pulp and paper, textile, chemical, buildings, etc. Through energy audit service, we support companies to design energy management systems and identify potential low emission opportunities and energy efficiency investment projects.



Greenhouse Gas Emission Mitigation

RCEE consistently bolsters Vietnam's pursuit of low-emission and climate-resilient development by conducting technical policy research, engaging stakeholders, and implementing capacity-building initiatives.

RCEE has provided technical assistance to assess national institutional capacity and conduct gap analyses for the operationalization of carbon markets under Article 6.2 in Vietnam, as part of studies funded by both the Asian Development Bank (ADB) and the Government of Singapore.

Under Vietnam Low Emission Energy Program, a USAID-funded program, the RCEE team collaborated with the former Department of Energy Efficiency and Sustainable Development (EESD) under the Ministry of Industry and Trade (MOIT) to develop a tailored data management and calculation tool. This tool was designed to facilitate Monitoring, Measurement, and Verification (MRV) of greenhouse gas emissions across various sub-sectors.

RCEE collaborated with an international consortium comprising the World Bank, MOIT, and MONRE to initiate the design of Vietnam's national and energy sector Greenhouse Gas (GHG) Monitoring, Reporting, and Verification (MRV) system. Concurrently, we provided support to Vietnam's private sector in formulating climate strategies, conducting due diligence to access climate finance, and ensuring compliance with international standards and domestic obligations such as ESG, CBAM, Decree 119 and its original Decree 6, and the Environmental Protection Law concerning climate and GHG reporting.

Under the USAID-funded INVEST program, RCEE partners with private companies in various industries, aiding in carbon footprint assessments and advising on reduction strategies. We also manage climate-related projects and develop GHG inventory reports for clients including VNSteel and PetroVietnam.

RCEE also provided services including technical assistance and capacity building to development banks to enhance capacity to conduct due diligence for projects sponsored by climate finance or green finance.

OUR TEAM

RCEE is organized into four specialized units, complemented by a wide network of national and international experts, delivering targeted expertise in energy, climate and environmental consulting.



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Technical Expert
EXPERTS TEAM



NGUYEN T. NGHIA
Managing Director

SELECTED PROJECTS

RCEE provides high-quality services through a team of highly committed and experienced permanent staffs in collaboration with a network of external senior specialists.

2023 - 2025	Technical assistance programme to assist (BIDV) in its trajectory towards a green bank model	AFD
	Technical Support for the Design and Pilot of the Voluntary Carbon Labelling Scheme in Vietnam	UNOPS
	Technical Assistance to Support JETP Secretariat and GEAPP	GEAPP
	Vietnam Low Emission Energy Program	USAID/Deloitte LLP
	Vietnam Urban Energy Security	USAID/DAI Global
	Singapore - Vietnam: Article 6.2 Collaboration	The Government of Republic of Singapore
	FS for Multi-sectorial green credit line in Vietnam	AFD
	Danish-Vietnamese Energy Partnership Programme	DANIDA
	Evaluation of Feed-in-tariff for Biomass power projects development in Vietnam	GIZ
	Local consultancy for supporting performance management of the KOICA project	KOICA/KDS
2022	Carbon footprint calculation for PVN's main products	PetroVietnam
	E&S Due diligence for Rooftop Solar Project	Private client
	Baseline study for Energy Efficiency Technologies	Global Climate Partnership Fund
	Research and Advisory Support to Strengthen the Institutional Infrastructure for Carbon Labeling in Vietnam	USAID INVEST/DAI Global
	NDC Indicator for cement factor	OECC
2021	GHG Inventory for moisture proof products manufacture	Private client
	GHG Inventory and Capacity Building for electronics manufacturing company	Private client
	Consultancy services for follow-up advisory support on the development of the energy sector MRV framework and system	World Bank
	Implementation Design of Demand Response program for Vietnam	GIZ
	Technical assistance on EE Incentive Scheme for energy intensive industries	DANIDA
2020	Air Quality and Climate Change Policy Assessment and Scenario Development	World Bank
	Establishing a Support Facility for Article 6 of the Paris Agreement	ADB
	Analysis and Assessment of the Existing Landscape and Opportunities for Building Energy Efficiency in Selected Countries in Asia	Asia Clean Energy Partners
2015 - 2019	Congestion Management Solutions for Reducing Renewable Energy Curtailment	GIZ
	Local consultant support for Renewable Energy integration into the Power system	DANIDA
	Emission factor development for thermal fired power plants of Vietnam	World Bank
	Climate Action Planning Programme	C40 Cities

2015 - 2019	Clean Energy Investment Accelerator	World Resource Institute
	Development of Provincial Green Growth Action plan for Ha Tinh, Ninh Thuan, Binh Thuan Provinces	Belgian Technical cooperation
	Nordic Partnership Initiative Pilot Programme for Supporting up-scaled Climate Change Mitigation Action in Vietnam's cement sector	Nordic Development Fund
	Jatropha Market Survey in Vietnam	Private client
	Technical service provider for the LCEE EE financing mechanism	DANIDA
	Benchmarking exercise to capture the sector specific baseline energy intensity value for the cement sector during the period of 2014-2016	World Bank
	Capacity building on Energy Management and ESCO model	EVN
2010 - 2014	Financial mechanisms for Demand Response programs	GIZ
	Support to the Vietnamese National Energy Efficiency and Conservation Program	Embassy of Denmark
	Mainstreaming Energy Efficiency through Business Innovation Support - Vietnam	European Commission
	Technical assistance regarding the implementation of the support program to respond to climate change in Vietnam	AFD
	Implementation of the Technical Support Facility (TSF) under Carbon Market Initiative (CMI)	ADB
	Integrated Renewable Energy Solutions for Seafood Processing	European Commission
	Pilot Program on Solar Water Heaters	World Bank
Project Monitoring and Evaluation, including GHG Reduction for the Distribution Efficiency Project	World Bank	

GET IN TOUCH

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