



V-LEEP II Support to Oil, Gas, and Coal Department (OGCD)

May 26, 2022

USAID Vietnam Low Emissions Energy Project (V-LEEP) II
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About V-LEEP II

Transitioning from original V-LEEP (2015 – 2020), V-LEEP II started off with:

- Continued to support EREA with PDP-8 preparation
- Continued to support ERAV with DPPA
- Started supporting EESD with RECs
- Started supporting OGCD with standards/regulation for LNG infrastructure

V-LEEP II has recently received ODA approval (March 7, 2022), so we have organized a workplan review session (May 4-6, 2022) to update MOIT's priorities and adjust our co-created workplan.



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USAID VIETNAM LOW EMISSION ENERGY PROGRAM (V-LEEP II)

2020 – 2025 | IMPLEMENTER: DELOITTE CONSULTING LLP | BUDGET: \$36,251,254

USAID will help Vietnam continue its transition to a clean, secure and market-based energy sector by increasing the deployment of advanced energy systems, improving energy sector performance, and increasing competition in the energy sector.

INCREASE DEPLOYMENT OF ADVANCED ENERGY SYSTEMS

USAID V-LEEP II works with the Government of Vietnam (GVN) to mobilize private sector investment to increase the deployment of advanced energy systems and will support project design for clean energy developers and provide technical assistance to lenders for clean energy investment.

IMPROVE ENERGY SECTOR PERFORMANCE

USAID and GVN work together to improve energy planning and operations practices to enhance energy sector performance. As Vietnam prepares to launch its Eighth National Power Development Plan, USAID V-LEEP II will provide technical assistance for implementation of the plan, as well as support for grid integration and dispatch of variable renewable energy.

INCREASE COMPETITION IN ENERGY SECTOR

In pursuit of a sustainable and market-based energy sector, USAID V-LEEP II will promote transparency in procurement, monitoring, and evaluation of the Direct Power Purchase Agreement Pilot Program and engage in workforce and provincial government capacity building and other similar competitive procurement mechanisms.

PROMOTE INNOVATION, INCUBATION, AND INCLUSION

Recognizing the power of the private sector, USAID V-LEEP II provides grants to support innovative approaches to mobilize private investment in advanced energy systems, facilitate incubation and acceleration programs, and support empowerment for women energy professionals.

EXPECTED RESULTS

USAID will contribute to the design, financing, construction and operation of new clean energy resources including 2,000 megawatts (MW) of renewable energy and 1,000 MW of combined-cycle, gas-fired power plants.

OCTOBER 2020

FOR MORE INFORMATION: <http://www.usaid.gov/vietnam>

USAID V-LEEP II Objectives



Increase deployment of advanced energy systems*

- Improving enabling policies, laws, and regulations
- Mobilizing private sector investment



Improve energy sector performance

- Technical assistance for implementation of PDP-8
- Supporting power markets, grid integration and dispatch of variable renewable energy.



Increase competition in energy sector

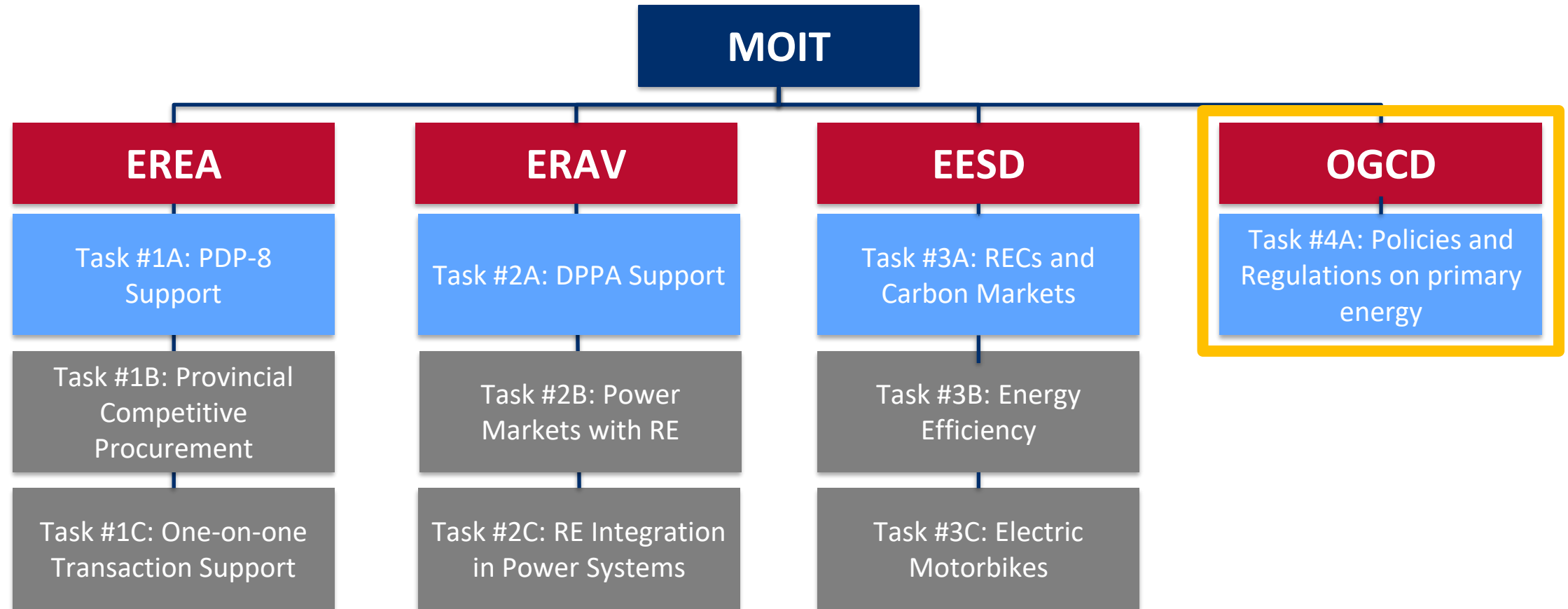
- Promoting transparency in procurement practices
- Increasing the availability of advanced energy skilled workforce, products, and services

*Advanced energy systems include:

New Technologies | Renewable Energy | Energy Efficiency | Demand-Side Management | Distributed Energy | Smart Grid Applications | Efficient Thermal Generation | Liquefied Natural Gas (LNG) | Electric Vehicle infrastructure | Battery Storage | Energy Management | Data Storage | Protection Solutions

V-LEEP II Support to MOIT

V-LEEP II supports four departments within MOIT: EREA, ERAV, EESD, and OGCD.



Cross-Cutting Tasks

Task #CX1: Energy Entrepreneurs Support

Task #CX2: Gender Inclusion and Leadership

V-LEEP II Support to OGCD (Year 2 Work Plan)



Activity Summary of Task 4A (Y2 Work Plan)

Activity 4A.1. Strengthen the legal framework to enable LNG imports

Activity 4A.2. Support development of Annual Implementation Plans (AIP) for Energy Master Plan (EMP)

Activity 4A.3. Capacity building program on LNG

Activity 4A.4. Tolling Fee and business model for LNG terminal projects

Activity 4A.5. Integrated gas and power modeling

Activity 4A.1. Strengthen the legal framework to enable LNG imports

Goal

Improve the legal framework (e.g., standard, regulation) for LNG terminals and associated equipment

Activities

Support development of 6 National Technical Standards for LNG and associated equipment, National Technical Regulation for LSRU, National Technical Standard for FSRU	On-going
Support on implementation of Energy competitive market roadmap	Start by end of 2022
Support establishment of Gas Regulator	Start by end of 2022
Support legalization of Third Party Access right	Start by end of 2022

Activity 4A.2. Support development of annual implementation plans (AIP) for Energy Master Plan (EMP)

Goal

Development and implementation of the AIP for EMP

Activities

Conduct legal and institutional assessment for AIP	Start in June 2022
Conduct harmonization assessment between EMP and PDP	Start in June 2022
Design Monitoring & Evaluation framework for AIP	Start in June 2022
Support data collection for AIP	Start after AIP is issued
Other technical supports	Per request

Activity 4A.3. Capacity building program on LNG

Goal

Design and implement a capacity building program on LNG

Activities

Capacity building need assessment	On-going
Capacity building program design	Finish by September 2022
Capacity building program implementation	Start when approved

Activity 4A.4. Tolling Fee and business model for LNG terminal projects

Goal

Recommendations on selection of business model for LNG terminal
Support preparation of a guidance to calculate tolling fee

Activities

Study and provide recommendations on business model selection for LNG terminal in Vietnam	Start in July 2022
Study and research methodologies to calculate tolling fee for LNG terminal in Vietnam	Start in July 2022
Organize consultation activities to assess level of appropriateness of the recommendations and the guidance to calculate tolling fee	Start in July 2022

Activity 4A.5. Integrated gas and power modeling

Goal

To develop an integrated gas and power modeling that can be applied for policy development

Activities

Report on “International leading practices on application of Integrated gas and power modelling for policy research”	Finish by September 2022
Procure hardware and software	Start in October 2022
Organize trainings for relevant stakeholders	TBD
Identify data requirement and conduct data collection	TBD
Develop Vietnam integrated gas and power model	TBD
Develop results in the model for policy recommendations	TBD

Thank you!

USAID Vietnam Low Emission Energy Program II

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