

## Viet Nam Energy Partnership Group

### Technical Working Group 5 – Energy Data and Statistics

### Report of the 5<sup>th</sup> Meeting

**Date:** 30 September 2020  
**Location:** MOIT meeting room 101, 25 Ngo Quyen, Hanoi  
**Time:** 15:00 – 17:00

**Key agenda points:**

1. **Viet Nam Energy Information System (VEIS) implementation** update
2. **Power Development Plan VIII (PDP 8)** update in the context of other sector planning including the **Energy Master Plan**

**Chair and Co-Chair:**

- **Mr. Nguyễn Tuấn Anh**, Deputy Director General Electricity and Renewable Energy Authority (EREA/MOIT)
- **Ms. Trần Hồng Việt**, Interim Co-chair, Senior Programme Manager, Embassy of Denmark

**Agreed Conclusions and Actions:** (See next page)

**Agenda:** See Annex 1  
**Participants:** See Annex 2  
**Minutes:** See Annex 3  
**Inputs:** See Annex 4 - Presentations

### Agreed Conclusions and Actions:

Conclusion / Decision	Action
<ul style="list-style-type: none"> <li>• <u>The Chair and Co-Chair</u> thanked all members of TWG 5 participants for joining and for the very active and constructive participation in the meeting.</li> <li>• <u>The Chair and Co-Chair</u> thanked the VEPG Secretariat for successfully organizing the first hybrid meeting to feature both Vietnamese and English channels for online participants.</li> </ul>	<p>Chair and Co-chair of the TWG</p>
<ul style="list-style-type: none"> <li>• <u>Ms. Amber Sharick, the International Coordinator and Technical Advisor of the VEPG Secretariat</u> highlighted that this is the first meeting of the VEPG to feature both English and Vietnamese channels for online participants, allowing wider participation from all over Viet Nam and around the World.</li> <li>• <u>Ms. Amber Sharick</u> also informed the members of the TWG that after discussions with stakeholders, it was decided that the High-level Meeting in 2020 will not take place. The VEPG Secretariat will use the budget and resources to support other high-level, content-based interventions including to support MoIT during the ASEAN Ministers on Energy Meeting 38 and planned VEPG cross-cutting networking events. The VEPG will also conduct the annual partners' project survey before the end of 2020 and will reach out to all partners for their inputs.</li> </ul>	
<p><b><u>VEIS implementation</u></b></p> <ul style="list-style-type: none"> <li>• The legal framework for the VEIS has been established. The next steps include the introduction of the Circular on the VEIS, the Development of the VEIS Operational Manual, and the Management of the Viet Nam Energy Information Center (VEIC).</li> <li>• EREA recognized the support for the VEIS from international partners and encourages continued support for the VEIS and the VEIC in the future.</li> </ul>	<p>VEPG Secretariat Members of the TWG</p>
<p><b><u>Update on the Technology Catalogue for Power Generation</u></b></p> <ul style="list-style-type: none"> <li>• The Technology Catalogue is in the development phase with experts. All comments and data inputs are welcome. Such inputs can be sent to the expert team or to Ms. Trần Hồng Việt, Danish Embassy. The final draft of the Technology Catalogue will be shared before the publication</li> </ul>	<p>VEPG Secretariat Members of the TWG</p>
<p><b><u>PDP8 Development</u></b></p> <ul style="list-style-type: none"> <li>• 2<sup>nd</sup> Workshop on the PDP8 was organized on 28/09/2020. The PDP 8 will be submitted to the Prime Minister for approval in October 2020. The PDP8 is expected to be approved at the end of 2020/ beginning of 2021.</li> <li>• MOIT welcomed support for energy data and statistics as inputs for PDP8 and the Energy Master Plan</li> </ul>	<p>VEPG Secretariat Members of the TWG</p>

## ANNEX 1 - AGENDA

### 15.00-15.05 Log-In & Guidance for Webinar Users

### 15.00-15.15 Welcome Remarks & Secretariat Report

*Mr. Nguyễn Tuấn Anh / Ms. Trần Hồng Việt*

- Welcome and Meeting Agenda Introduction

*Ms. Amber Sharick, Viet Nam Energy Partnership Group (VEPG) International Coordinator*

- Report of the Secretariat on VEPG planning 2020

### 15.15-15.50 Update on VEIS implementation

- *EREA/MOIT*: Update on implementation of the Viet Nam Energy Information System and plans for the Viet Nam Energy Information Center
- *EVEF/GIZ/TWG partners*: Information System support activities
- *Roundtable Discussion*

### 15.50-16.00 Update of Technology Catalogue

- *Danish Energy Agency*: Update of Technology Catalogue (power generation) to get feedback/input from TWG 5 members
- *Roundtable Discussion*

### 16.00-16.55 PDP 8 Development

- *Institute of Energy*: Power Development Plan VIII (PDP8) data & input for scenarios and alignment with Energy Master Plan
- *WB/US VLEEP/DEN*: Support Activities in Energy Planning
- *Roundtable Discussion*

### 16.55-17.00 Closing of the meeting

*Mr. Nguyễn Tuấn Anh / Ms. Trần Hồng Việt*

## ANNEX 2 - PARTICIPANTS

### Co-Chairs

- **Mr. Nguyễn Tuấn Anh**, Director Planning Division, Electricity and Renewable Energy Authority (EREA/MOIT)
- **Mr. Jakob Stenby Lundsager**, Long Term Adviser, Danish Energy Partnership Programme, Denmark

### Participants

- **Mr. Nguyễn Hoàng Linh**, Ministry of Industry and Trade (MOIT)
- **Mr. Nguyễn Thanh Tùng**, Ministry of Natural Resources and Environment (MONRE)
- **Mr. Đinh Gia Nghiê**m, Ministry of Science and Technology (MOST)
- **Mr. Dương**, Institute of Energy (IoE)
- **Ms. Nguyễn Thị Loan**, General Statistics Office (GSO)
- **Ms. Margherita Tenedini**, Italian International Cooperation Agency (AICS)
- **Mr. Christopher Starling**, Asian Development Bank (ADB)
- **Mr. Ian Yao**, ADB/ Lantau Group
- **Ms. Vũ Thị Thu Hằng**, United Nations Development Programme (UNDP)
- **Mr. Robin Bednall**, Australia
- **Ms. Camila Holbech**, Denmark
- **Ms. Trần Thùy Dương**, Delegation of the European Union to Viet Nam (EUD)
- **Ms. Đỗ lan Anh**, GIZ
- **Ms. Phạm Lan Phương**, GIZ
- **Ms. Hà Thu Hương**, GIZ
- **Ms. Phạm Quang Anh**, GIZ
- **Ms. Võ Thanh Tùng**, GIZ
- **Mr. Henri Wasnich**, IoE
- **Mr. Hà Đăng Sơn**, USAID/Viet Nam Low Emission Energy Programme (VLEEP)
- **Mr. Nguyễn Hải Đức**, USAID/V-LEEP
- **Mr. Nguyễn Văn Hòa**, US Embassy
- **Ms. Cristina Blanco Munoz**, Spain
- **Mr. Juan Fernandez-Cuervo**, Spain
- **Mr. Phạm Minh Thành**, Wartsila
- **Mr. Bryan Tsang**, AES Corporation
- **Mr. Nguyễn Mỹ Linh**, AES Viet Nam
- **Ms. Nguyễn Thanh Hà**, AES Viet Nam
- **Ms. Lê Trà**, FinSEA
- **Mr. Joo Duk Vancoppenolle**, Elia Grid International
- **Mr. Rainer Bohm**, Independent Consultant

### VEPG Secretariat

- **Ms. Amber Sharick**, VEPG Secretariat
- **Ms. Nguyễn Phương Thảo**, VEPG Secretariat
- **Mr. Đỗ Quang Nhật**, VEPG Secretariat

### ANNEX 3 - SUMMARY MINUTES

Agenda item	Summary
<p><b>Opening remarks, overview of the agenda</b></p>	<p><u>Mr. Nguyen Tuan Anh, EREA/MOIT, Chair of the Technical Working Group (TWG)</u> on Energy Data and Statistics welcomed participants online and in-person to the 5<sup>th</sup> meeting of the group. The Chair summarized the outcome of the 4<sup>th</sup> meeting including the inputs of the members of the TWG on the draft Circular on the implementation of the Viet Nam Energy Information System (VEIS) and the Action Plan to establish the Viet Nam Energy information Center (VEIC). The Viet Nam Energy Outlook 2019 was also discussed as an input for the development of the Power Development Plan VIII (PDP8) as well as the updates on PDP8 in the previous meeting. On 28 September 2020, the EREA organized the 2<sup>nd</sup> workshop on the development of PDP8 with active participation and useful input from energy sector stakeholders. The Draft of the PDP8 will be submitted to the Prime Minister (PM) in October 2020.</p> <p><u>Ms. Tran Hong Viet, Danish Embassy/ Interim Co-chair of the TWG</u> welcomed all participants online and in person. The interim Co-chair also highlighted that the TWG has made significant progress as well as provide significant contributions to the energy sector planning since the establishment of the group.</p> <p><u>The Chair and Co-chair</u> introduced the focus topics of the meeting and encouraged the active discussions and participation from all participants.</p>
<p><b>Secretariat Report</b></p>	<p><u>Ms. Amber Sharick, International Coordinator and Technical Advisor of the VEPG Secretariat</u> introduced the agenda of the meeting and briefly presented the planning of the VEPG through 2020 (Annex 4).</p> <p><u>Ms. Amber</u> also highlighted that this is the first meeting of the VEPG to feature both English and Vietnamese channels for online participants, allowing wider participation from all over Viet Nam and around the World.</p> <p><u>Ms. Amber Sharick</u> also informed the members of the TWG that after discussions with stakeholders, it was decided that the High-level Meeting in 2020 will not take place. The VEPG Secretariat will use the budget and resources to support other high-level, content-based interventions including to support MoIT during the ASEAN Ministers on Energy Meeting 38 and planned VEPG cross-cutting networking events. The VEPG will also conduct the annual partners' project survey before the end of 2020 and will reach out to all partners for their inputs.</p>
<p><b>Update on VEIS implementation</b></p>	<p><u>Mr. Nguyễn Hoàng Linh, EREA/MOIT</u> updated the members of the TWG on the development of the legal framework for the VEIS (Annex 4). the highlights of the presentation include:</p> <ul style="list-style-type: none"> <li>- <u>Workshop to introduce the Circular on the VEIS</u>: the workshops are expected to be held in Q4/2020 in Hanoi, Da Nang, and Ho Chi Minh City.</li> </ul>

	<ul style="list-style-type: none"> <li>- <u>The VEIS Operation Manual</u>: the Manual will outline the roles and responsibilities of the member of the VEIS as well as methods of implementation. The manual is expected to be completed in Q1/2021</li> <li>- <u>Management model for the VEIC</u>: the management models will set a clear distribution of responsibilities and ensure the effective operation of the Center as well as setting strategic goals for the VEIC. The Model is expected to be completed in Q2/2021.</li> </ul> <p><u>Mr. Nguyễn Tuấn Anh, EREA/MOIT Chair of the TWG</u> recognized the support from GIZ/EVEF for the development of the VEIS.</p> <p><u>The EU</u> reaffirms the commitment to support the VEIS/VEIC through the next phase of the Budget Support.</p> <p>The members of the TWG reflected and discussed the agenda item. The highlight of the discussion is highlighted below:</p> <ul style="list-style-type: none"> <li>- <u>The establishment of the VEIS</u>: With the Circular 34/TT-BCT stipulating the Viet Nam Energy Information System came into effect on 01/04/2020 and the pilot activities are implemented, EREA has submitted the proposal on the investment for the VEIS to the Ministry of Planning and Investment (MPI) for comments. Once the proposal is approved, EREA will conduct steps to establish the VEIC based on the feasibility study. The PM will then approve the feasibility study to create the legal framework to establish the structure of the VEIC.</li> </ul> <p>The MOIT has already issued a Decision for the establishment of the VEIC since the proposal is approved.</p> <p>EREA is also developing the instruction manual to operate the systems and budget to straining to set up the VIEC.</p>
<p><b>Update of Technology Catalogue</b></p>	<p>Ms. Trần Hồng Việt, Danish Embassy, Interim Co-chair presented the Technology Catalogue for Electricity Generation (technology catalogue) (Annex 4)</p> <p>The members of the TWG reflected and discussed on the presentation on the Technology Catalogue. The highlights of the discussion are summarized below:</p> <ul style="list-style-type: none"> <li>- <u>Change in thermal power plants</u>: the data show a 10% drop in the price for solar and wind technology, however, the data collection for the thermal power plant is not present.</li> <li>- <u>Additional information on new technology</u>: EREA and Denmark called for support from stakeholders to provide inputs to update the Technology Catalogue. The stakeholders can contact the Interim Co-chair and colleagues at the Danish Embassy for inputs.</li> <li>- <u>Connection between TC and PDP8</u>: only selected technologies will be included and presented in the PDP8 and the EOR 21. The EOR 21 will provide more information on the development of the power sector and provide inputs for the policies for the development of the power</li> </ul>

	sector. EOR will also provide support for the calculation for the CO2 emission reduction for PDP8.
<b>PDP 8 Development</b>	<p>The Institute of Energy as the consultant for the PDP8 presented the updates on the development of the PDP8 (Annex 4)</p> <p>The members of the TWG reflected and discussed on the presentation on the update on the development of the PDP8. The highlights of the discussion are summarized below:</p> <ul style="list-style-type: none"> <li>- <u>Next steps for PDP8</u>: The second workshop for the PDP8 was organized on 28/09/2020. The next workshop will focus on the Energy Master Plan. EREA will submit the draft PDP8 in October 2020 to the Prime Minister for approval. It is expected the approval of the PDP8 at the end of 2020 or in the first month of 2021.</li> <li>- <u>Offshore wind projects in PDP8</u>: Offshore wind power has been included in the PDP8 including 3.1 GW included in the baseline. By 2040-2045, there will be 14GW of offshore wind.</li> </ul> <p>Offshore win technology is relatively new in Viet Nam. With support from Denmark and the World Bank, the MOIT is developing the roadmap for offshore wind development with a 20-year vision. In addition, there is a need for a pilot project for offshore wind. For this, a road map, a feasibility study will be conducted to propose an auctioning mechanism and choose a suitable project for the offshore wind. The PDP8 will also submit a proposal for the development of technology.</p> <ul style="list-style-type: none"> <li>- <u>High-voltage direct current (HVDC) in PDP8</u>: PDP8 does include HVDC. Since the capacity increased in the North while that decreased in the South, IOE has developed a scenario with HVDC from the South to the North. However, HVDC is not mentioned in the baseline scenario.</li> </ul>
<b>Closing of the meeting</b>	<p><u>Mr. Nguyễn Tuấn Anh, EREA/MOIT, Chair of the TWG</u> closed the meeting and thanked all participants for their active discussion and contribution to the development of the VEIS and the PDP8. The Chair also noted that the meeting was organized at a good time since the legal framework of the VEIS has been approved. In addition, international support for energy data and statistics such as the EOR 2019 has provided important input for the PDP8 and the Energy Master Plan.</p> <p><u>Ms. Trần Hồng Việt, Danish Embassy, Interim Co-chair of the TWG</u> also thanked all participants online and in-person for their active participants. The Interim Co-Chair also thanked the Secretariat of the VEPG for its successful organization of the first hybrid meeting to feature both English and Vietnamese for online participants.</p>



## **ANNEX 4 - PRESENTATIONS**