



Viet Nam Energy Partnership Group (VEPG)

Technical Working Group 3 on Grid Integration and Grid Infrastructure

2nd Meeting in 2023

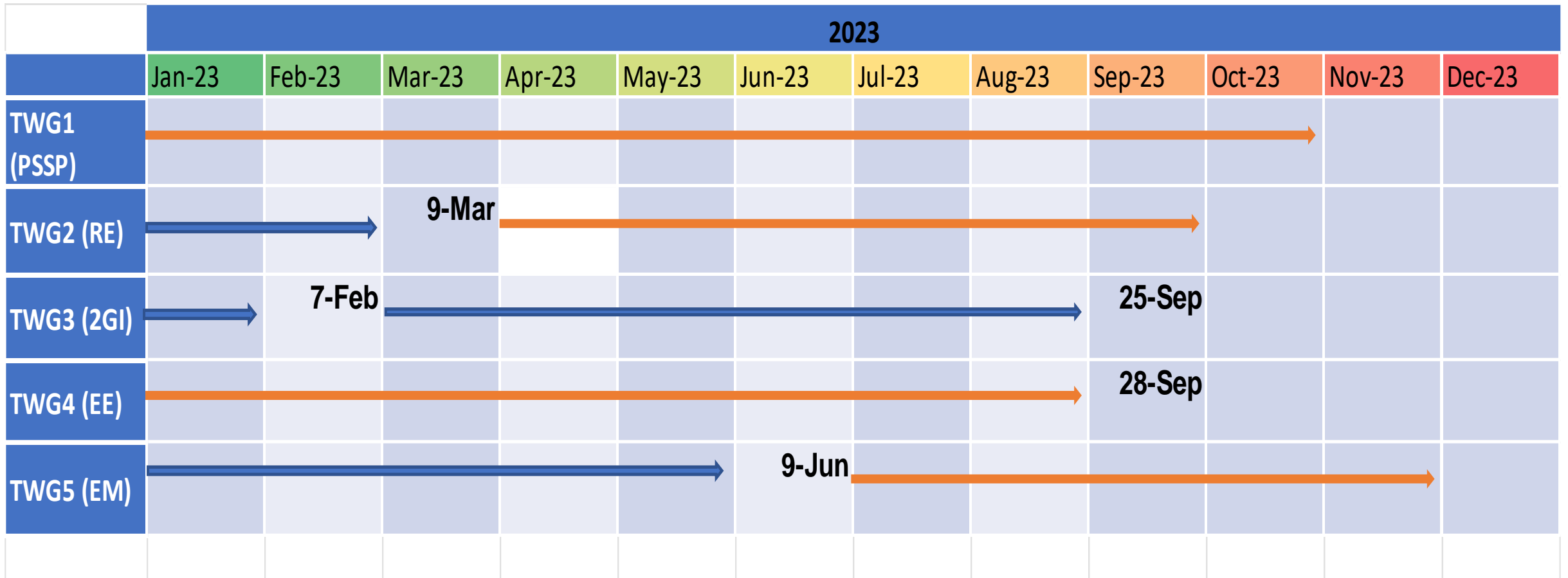
Hanoi, 25 September 2023

Report of the VEPG Secretariat

- ***Updates of the TWGs in 2023***
- *VEPG DPs Projects Mapping*
- *DPs/MOIT Coordination Meetings*
- *Inputs for the VEPG High-level Meeting*
- *Proposed TWG3 Workplan in 2024*

Updates of the TWGs in 2023:

TWG Meetings and Task Forces Status (1)



TWGs Meetings and Task Forces Status in 2023

	TWG	Meetings in 2023 and priority topics	Task Force
	Power Sector Strategic Planning	The first meeting of the TWG1 will be tentatively scheduled in November 2023	None
	Renewable Energy	<p>1st meeting on 09 March 2023:</p> <ul style="list-style-type: none"> Review the legal framework for auction mechanism for RE Technical standards for energy storage, forecasting, dispatch, smart grid, etc. Assessment of coal plants and roadmap on the coal phase-out <p>2nd meeting will be scheduled in October 2023</p>	<p>On-going Task Force:</p> <ul style="list-style-type: none"> Offshore Wind Task Force Development (led by GIZ)
	Grid Integration and Grid Infrastructure	<p>1st meeting on 08 February 2023:</p> <ul style="list-style-type: none"> Smart Grid, Grid modernization Financing grid modernization <p>2nd meeting on 25 September 2023:</p> <ul style="list-style-type: none"> Technical issues of BESS Opportunities for Electric Vehicles 	<p>Proposed topic for Task Forces:</p> <ul style="list-style-type: none"> Impact of EVs on power system (led by ADB) BESS (led by GEAPP)
	Energy Efficiency	<p>1st meeting will be scheduled in early October 2023:</p> <ul style="list-style-type: none"> EE policies for enterprises and compliance of enterprises 	<p>On-going Task Force:</p> <ul style="list-style-type: none"> Energy Efficiency in Buildings (led by UNDP)
	Energy Market	<p>1st meeting on 09 June 2023:</p> <ul style="list-style-type: none"> Gas competitive market LNG market development <p>2nd meeting will be scheduled in December 2023</p>	<p>Closed Task Force:</p> <ul style="list-style-type: none"> Competitive Electricity Market and DPPA <p>On-going Task Force:</p> <ul style="list-style-type: none"> LNG market development (led by PV Gas)

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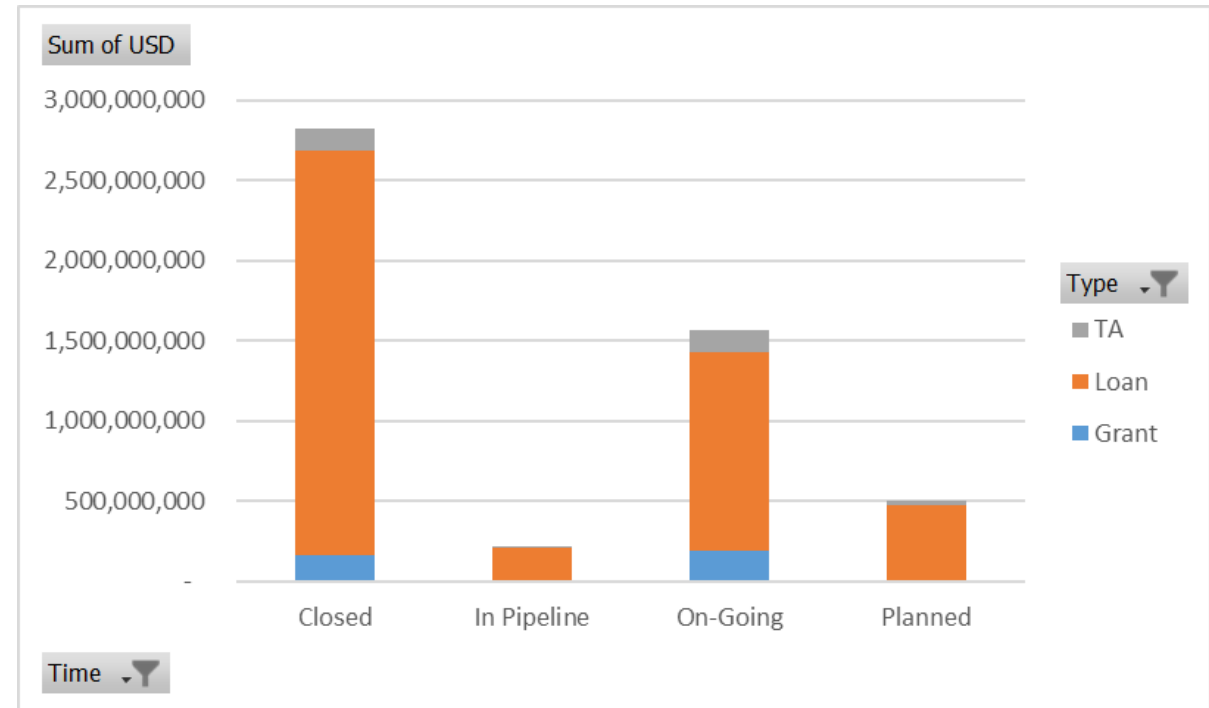
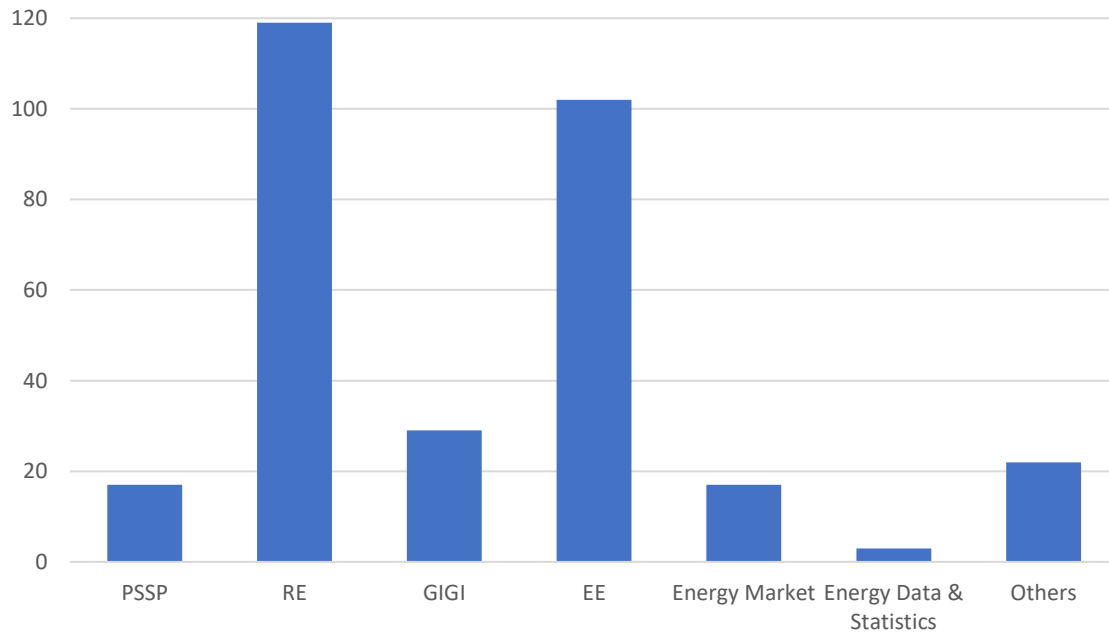
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VEPG DPs/Donor's Project Mapping

- The VEPG Secretariat has received updated information on 192 projects from 23 Development Partners and stakeholders in 2023, in which there are 80 ongoing projects, 77 closed projects and 34 in-pipeline and planned projects.
- There are DP updates still pending and details missing. The total reported budget of these 80 ongoing projects is 1,58 billion dollars in various forms of funding such as loans, grants and technical assistance.
- The main development partners (DPs) currently supporting Vietnam's energy sector are World Bank (WB), Asian Development Bank (ADB), German Development Bank (KfW), French Development Agency (Afd), European Union (EU), German Agency for Technical Cooperation (GIZ), and Danish Embassy. Also supporting are Australia, UK, USAID, and ETP/UNOPS.
- These large DPs provide mainly loans, except the EU, which provides grants and Technical Assistance. Most of the other DPs provide technical assistance only.
- The VEPG DPs/Donor's projects mapping for 2023 has been uploaded on the VEPG Website: <https://vepg.vn/resources/vepg-documents/>
- Please contact us to share/update your project information!

VEPG DPs/Donor's Project Mapping – Preliminary analysis

Number of projects by thematic
(Note: Many projects are multi-thematic)



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The need for Coordination Meetings

- Following the PDP8 approval and its Implementation Plan under preparation by MOIT, the various VEPG TWGs will soon need to redefine some of their priority topics and activities and request the DPs/Donors to support the GoV for the PDP8's implementation;
- Exchange of information only (e.g., through the regular TWG Meetings and the yearly VEPG DPs'/Donors' Projects Mapping) is not enough (Regular TWG Meetings are too short in time to allow in-depth discussions). So, each TWG could organise “*DPs/MOIT Coordination Meetings*”, allowing in-depth discussion on the way **to share MOIT requested/needed activities and avoid overlaps** to meet national energy targets;
- In addition, to improve the visibility of VEPG as the leading energy exchange platform in Viet Nam, there is a clear need to strengthen the interaction and information sharing between MOIT, DPs, and other Stakeholders;
- And to achieve the national target of net-zero emissions and JETP, it will also be necessary to strengthen the involvement of:
 - Other Ministries (e.g., MONRE, MOF, MPI, etc.); and
 - To give more opportunities for non-state actors, especially the private sector, to participate and contribute to VEPG actively;

Recommendations

- “ **DPs/MOIT Coordination Meetings**” (Additional to TWG Regular Meetings):
 - **Objective:** to effectively allocate the resources and support from DPs to the Government, understand the needs of the GoV and the willingness of international organisations to coordinate their support to the GoV needs;
 - **Participants:** Representative(s) from MOIT, Development Partners;
 - **Budget:** Co-funded/Fully-funded by Development Partners;
 - **Coordination** support from the VEPG Secretariat.

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Inputs for the VEPG High-level Meeting

➤ Report to the VEPG Steering Committee:

- Report on 05 TWGs:
 - Activities in 2023, highlighting Task Force's progress, outcomes and recommendations (if any);
 - Workplan for 2024;
 - Priority topics and potential Task Force(s) for 2024;
- Outcomes of DPs/MOIT Coordination Meetings and Cooperation proposals (if any);
- DPs/Donors Mapping Survey and the Gap/Overlap Analysis of International Cooperation & Support to Viet Nam Energy sector;

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Proposed priority topics of the TWG3 in 2024

- Optimisation for Power Grids Integrated with RE;
- Grid technology trends when integrating large amounts of Variable Renewable Energy (VRE);
- Assess the current status and recommend priority orientations for grid infrastructure development;
- The role of the distribution grid in integrating Distributed Energy Resources (DER);
- Assess the inter-regional and cross-country transmission grid strategy;
- The role of High Voltage Direct Current (HVDC) Transmission for large VRE penetration and grid stability;
- Offshore-Wind Farms (OWF) grid connection options (potential cooperation with TWG2 TF on OSW).

Proposed Workplan for the TWG3 in 2024

Activity schedules	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	June 2024	July 2024	Aug 2024	Sept 2024	Oct 2024	Nov 2024	Dec 2024
<i>TWG 3 meeting on Grid Integration and Grid Infrastructure and DP/MOIT coordination meeting</i>			M	M					M	M		
<i>Support the establishment and operation of New Task Forces</i>												
<i>VEPG SC Meeting</i>						M						M
<i>VEPG High-Level Meeting</i>	M											
<i>Sustainability of the VEPG</i>												

On-going Activities	
Tet Holidays	
Meeting	M
Interim Report	IR
Final Report	FR

Join the VEPG dialogue!

And get in contact with:

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Thank you!

Thank you for your attention!

