

Vietnam Energy Partnership Group

Report of Meeting

Event: First meeting of TWG 5 on Data & Statistics

Date: 13 June 2018

Location: Meeting room EREA, Hanoi

Time: 14:00 – 16:30

Chair: Mr. Nguyen Tuan Anh, Head of Planning Division, Electricity and Renewable Energy Authority, Ministry of Industry and Trade (MOIT)

Co-Chair: Mr. Jakob Stenby Lundsager, Long Term Adviser, Danish Energy Partnership Programme, Embassy of Denmark in Vietnam

Minutes: see Annex 1

Participants: see attached lists of participants and invitees

Presentation: attached separately

Agreed actions of TWG 5 on Data & Statistics

Action	Responsibility	Tentative deadline
1. Approve Minutes of Meeting	Chair & Co-Chair	Early-July
2. Send Minutes of Meeting to all TWG5 members (invited plus those who attended)	Secretariat	Mid-July
3. Suggest names of organisations and persons who should be invited as member of TWG5	Members	End- July
4. Update list of (core and non-core) Members	Secretariat with direction from Chair & Co-Chair	July
5. Follow up on the work plan tasks of the TWG5 <ul style="list-style-type: none"> a. for each task consider who could be involved and if persons/organisations can identified b. Engage various persons/organisations in initiating the work of the task 	Secretariat with direction from Chair & Co-Chair	July to mid-August
6. Second TWG 5 meeting in mid-September	Secretariat	Mid-Sep
7. Report status of the work plan tasks to the SC meeting	Secretariat	End-Sep

Annex 1 - Meeting minutes:

Agenda item	Summary
Opening remarks	<ul style="list-style-type: none"> The Chair, co-Chair introduced themselves Chair explained the overall background of the VEPG, and his primary expectation, which establishment of a data centre that needs the assistance of TWG5, The Viet Nam Energy Information centre (VEIC)
TOR of TWGs	<p>The Secretariat shared the updated generic TOR of TWGs No comments were given by members</p>
<p>Presentations (a) the Chair on targets and strategies to establish the energy data and statistics system in Viet Nam; and (b) co-Chair on proposed focus themes and workplan 2018 (challenges and topic focus)</p>	<p><u>Chair:</u></p> <ul style="list-style-type: none"> The roadmap towards the Viet Nam Energy Information System (VEIS) supported by the EU is not yet finalised; it will be finalised soon and is then to be approved by the minister <p><u>US</u></p> <ul style="list-style-type: none"> Congratulates on progress with the VEPG. We have a portfolio with our main support through USAID. We are happy to receive requests for support. Are there already proposals in a certain format available? <p><u>Cho-chair</u></p> <ul style="list-style-type: none"> We hope that TWG members would formulate that <p><u>EUD</u></p> <ul style="list-style-type: none"> On priorities and costing, we are developing a roadmap, also an action plan including cost estimates to understand the costs of actions but that will only be tentative. Need to see commitment of the Government that can be demonstrated by Government budget already allocated. If there is training by a DP then there also has to be staff to be trained. So as the roadmap and action plan are ready it must be shared with partners. MOIT must make the action plan fit the national priorities. Energy facility will also be able to provide some assistance. But EREA must indicate when assistance is required. <p><u>MOC</u></p> <ul style="list-style-type: none"> Good to develop VEIS. In 2012 under VN Clean energy programme we looked at the institutional aspects. You will review legal frame but I do not see the institutional context and governance aspects. We have the law that allows the MOC to develop indicators for that sector. So we need analysis of the legal system. The VEIS under MOIT would be good; it must be decided to be under the ministry or EREA. We need to look at both supply and demand, and the latter is many sector ministries. Energy not only electricity, is also fossil fuels for example. <p><u>Chair</u></p> <ul style="list-style-type: none"> Agree that we also need the institutional mechanism. We have a suggestion to develop the VEIS, which is a long-term plan. Now we have the statistics law, Law on energy efficiency and saving, etc. But not a good mechanism to collaborate and a leading body to be the focal point to collaborate. The VEIS should have all the legal framework and solve the energy data and statistics problems.

USA

- Good to have a reliable database.
- I cannot commit today, but if you have a specific ask then will contact officers. We are rolling out VLEEP and are putting energy behind that. Sometimes we can add programmes and as that becomes available.

Chair

- MOIT will have to prepare some legal documents. A Prime Minister Decision or Decree to establish the VEIS, to determine the mechanism for VEIS operation. Also a legal document to establish a VEIC located in EREA. We should approve the roadmap and action plan currently being developed with EU Support. These are our priorities.

EU

- As we will complete the roadmap and action plan we assume that MOIT will want to share with all stakeholders.

Denmark

- One task is energy data for modelling but the DP side with that interest is not here today, unfortunately. We support preparations in EREA on PDP8 and the chair is heading that planning effort. This requires a database.

Secretariat

- Will check who was invited and should be invited

Italy

- Will finance GSO, start very soon, in which we have an energy component, also env and change. We also work on collection as well as dissemination of data. E.g. user friendly website. Also institutional aspects will be addressed. Action plan to be signed soon.
- We need people from more Vietnamese ministries with a stake, and GSO.

Chair

- We invited some other ministries / agencies but a weakness of the system is that we have organisations that collect energy data and they keep them as their own data. The VEIS would need to have a (formal) working group made up of the main stakeholders, also GSO who establish the energy balance. We can then invite all the members of the working group.

Finland

- I am user of data and also sometimes develop data. Companies find a challenge in data in different data formats. Data must be open so there is no need to ask.

MOC

- We appreciate data sharing by MARD – they have a good website with information centre. MOIT is good on trade data, but not energy or industry. GSO is also working professionally and line ministries must supply them with data, by Law. That is required so no need to ask because it is available. Under the VEEP the PM said that by February every year users must submit data, also legally required so you have it. On energy audit we

need USD1000 per building to get the data. With law we could have the data in real time. Now in EREA no staff, no floor space, no server

Chair

- Before, all had to send data on energy to MOIT but we have no staff to compile the data.

UNFPA and UN

- We are working on data management group working with the GSO and some LMs to localise MDG indicators, developing the SDG indicator system by the end of this year. See Goal 7 with many indicators. MOIT with GSO should develop the indicators and then share as Viet Nam has to report each SDG. MOIT must work with GSO on this, following the global framework.

MOC

- In MOC the dept on planning and finance works on the SDGs, in coordination by MPI. Not sure how that works in MOIT.
- Under EVN they have a data centre, energy modelling, so pls invite them.
- Also the industrial strategy information centre, and GSO experts
- Ask other countries how they do it, including the USA and EU countries, Japan. VN does not have energy system so are behind but we have data management systems on other sectors.

Chair

- We are waiting for the roadmap by EU and then get it approved by the Minister
- Under MOIT we have EE and sustainable dev department, and also EREA. We also have an information centre and that should become the VEIC. We know there are strong information centres in other ministries and we should cooperate with those.

GSO

- We cannot imagine a national info centre under EREA, or is it MOIT? The scope is different, also if it is a national data centre. In law only 4 databases in VN: population, national database enterprises (MPI) on household registration (GSO is developing) and on Land. Now add one on energy? cannot be nationwide. You cannot cover a national scale. In some industries no information available. On coal MOIT is only in charge of some groups. Oil and gas data is centralised. Electricity production data from EVN. But all other areas MOIT cannot monitor. E.g. 7 staff cannot do that. This centre on energy statistics would have to cover all that is managed by MOIT and could be connected to other national databases for policy making. In the law on statistics are many indicators and that is GSO responsibility to monitor.
- GSO collects on some indicators and some are done by line ministries and submitted to GSO, according to Law. Eg by MARD or MOC etc. some parts have to be managed by GSO, also re the energy balances. We have all the supply (MOIT can know much) and conversion data also from the economic groups (SoEs) eg VINACOMIN. But you have not enough resources and budget and staff to do all of this. GSO are collecting data on

	<p>missing gaps, including consumption of ministries e.g. transport has statistics on roads, airways etc – MOIT cannot get that. On buildings, according to the Law there are no administrative agreements that businesses must supply data. So therefore we need special surveys but ministries have no resources to run surveys. We need state budget to collect missing data. Energy balances were done by IoE; the Law is silent on this, but MOIT needs the balances for strategy formulation. But GSO is in charge of mapping of supply and conversion. Line Ministries supply balances, consumption to GSO, but how can we collect data from enterprises. Energy statistics is part of Decision 43, is new to GSO. Task should be completed in 2015. The 2016 energy balance data will likely be published in July.</p> <ul style="list-style-type: none"> • Every year we call for donor support to stats and we have many priorities. We receive some Italian support and worked with them this week and they will support an energy statistics component with experts improving our capacity we will also include this in an ongoing enterprise survey – include energy data in the questionnaire but we are struggling. This is not a financial project, and we need budget for the design of the questionnaire. • GSO received a message from MOIT re this first meeting and also participated in EU meetings on energy data and statistics. We want to know the role and responsibility of GSO in this, how far we can contribute. We must prevent duplication and must benefit from support by different consultants and get databases that can be shared.
<p>Conclusions, agreements, closing remarks</p>	<p><u>Chair :</u></p> <ul style="list-style-type: none"> • We will share draft roadmap and action plan TWG 5. <p><u>Co-Chair:</u></p> <ul style="list-style-type: none"> • We can communicate by email. • Good comments, thanks, that were noted • Please look at the proposed tasks. Without further comments, what we suggested will be the work programme on which we will follow up in the next TWG. We will also contact you specifically for your participation. • We can decide later on whether TWG meets before the SC meeting • We will bring the comments forward and initiate the tasks.

List of of participants and invitees - TWG5 on "Energy Data and Statistics"

No.	Organization	Name	Title (English)
	Chair and Co-chair		
1	MOIT/EREA	Mr. Nguyễn Tuấn Anh	Head of Planning Division
2	Denmark Embassy	Jakob Stenby Lundsager	Long Term Adviser Danish Energy Partnership Programme in Viet Nam (DEPP)
	Members		
3	DENMARK	Tran Hong Viet	Senior Programme Manager, Climate Change & Energy Efficiency, Green Growth, Joint Declaration on Climate Change
4			
5	GERMANY	Mr Martin Hoppe	First Counsellor, Economic Cooperation and Development
6	Australia	Nguyen Hoai Nam	Senior Program Manager Economic and Development Cooperation
7		Justin Baguley	Counsellor (Economic and Development Cooperation)
8	United Nations, UN	Mr. Kamal Malhotra	Resident Coordinator
		Nguyen Bui Linh	
9	United Nations Development Programme, UNDP	Đào Xuân Lai	UN Coordination and Planning Specialist
10		Vu Thi Thu Hang	Climate change & energy Programme officer
10		Cengiz Cihan	Programme Analyst – Climate Change Mitigation and Green Growth
11	EU DEL	Antoine Vander Elst	Attaché - Cooperation Officer - Budget Support and Blending Operations
12		TRAN THUY Duong	Program Officer - Energy
12	US Embassy	Nguyen Hoa	
		Goode Lyle S (Hanoi) <GoodeLS@state.gov>	
13	USAID	Christopher Abrams	
14		Do Tuong	Project Officer
15	FINLAND	Mr. Marko Saarinen	Head of Development Cooperation
16		Asko Ojaniemi	
17	ITALY	Mr. Martino Melli	Head of our Development Cooperation office

No.	Organization	Name	Title (English)
18	ITALI	Mr. Nicolo Cora	Project manager, Italian Agency for Development Cooperation Vietnam
19	AFD	Nguyen Thi Thanh An	Project Officer
20	WB	Tran Hong Ky	Energy Specialist
	DPs' confirmed - Observer TWG#5		
21	Norway	Tone Slenes	First Secretary
22	Switzerland	Marcel Raymond	Head of Cooperation
23	SECO Switzerland	Do Quang Huy	National Programme Officer
24	GIZ	Mr. Ingmar Stelter	Programme Director Vietnam Energy Support Programme
		Mr. Vo Thanh Tung	
25	German Development Bank, KfW	Mr Daniel Plankermann	
26		Do Thi Bich Ngoc	Project coordinator for the energy sector
	GOV		
27	MOIT/DEESD	Ms. Nguyễn Thị Lâm Giang	Manager of DEESD
28	MOIT/DEESD	Mr. Trịnh Quốc Vũ	Deputy Director
		Mr. Nguyen Hai Dung	Official
29	MOIT/EREA	Nguyễn Hoàng Linh	Senior official
30	MOIT/EREA	Duong Manh Cuong	Senior official
31	MOC/Department of Science, Technology and Environment	Nguyen Cong Thinh	Deputy Director General
	Project "Energy Efficiency Improvement in Commercial and High-Rise Residential Buildings in Viet Nam", UNDP - MOC	Pham Thi Hai Ha	Consultant
		Nguyen Duc Luong, Assoc. Prof. Ph.D	Consultant
32	Department of Environment, MOT	Vu Hai Luu	Official
33	International Cooperation Department, MONRE	Ngo Tuan Dzung	Director
34	Department of Meteorology, Hydrology and Climate change, MONRE	Mr. Nguyễn Khắc Hiếu	Deputy Director/Dept. of Meteorology and climate change)

No.	Organization	Name	Title (English)
35	MOT/DoE	Mr. Nguyen Huu Tien	Deputy Director General, Department of Environment
36	GSO/Department of Industrial Statistics	Mr. PHAM Dinh Thuy	Director
37		Nguyen Huy Minh	Deputy Director
38	Vietnam Custom	Mr. Nguyen Viet Hung	Deputy Director, Customs Information Technology and Statistics Department
39	Institute of Energy	Dr. Hoang Tien Dung	Director General, Institute of Energy
40		Mr. Nguyen Manh Hung	Manager
41		Dr. Nguyen Ngoc Hung	Heads the team in charge of the Energy Balance
42	MOT/Transport Development & Strategy Institute (TDSI)	Mrs. Nguyen Thi Phuong Hien	Deputy Director
43	ERAV	Mr. Vu Toan Thang	Power market department
44		Mr. Pham Quang Huy	Deputy Director

Viet Nam Energy Partnership Group

**DOCUMENTS SUPPORT FOR
THE 1ST MEETING OF TECHNICAL WORKING
GROUP ON ENERGY DATA AND STATISTICS**

Ha Noi – 13 June, 2018

Viet Nam Energy Partnership Group

TECHNICAL WORKING GROUP 5 –ENERGY DATA AND STATISTICS INITIATION MEETING

Date: Wednesday, 13 June 2018, 14.00-16.30

Venue: Meeting room 101, 23 Ngo Quyen, Hanoi

Objectives:

1. To exchange views on challenges for energy data and statistics in Viet Nam
2. To agree the 2018 workplan of TWG 5

Co-Chairs

- Mr. Nguyen Tuan Anh, Head of Planning Division, Electricity and Renewable Energy Authority, Ministry of Industry and Trade (MOIT)
- Mr. Jakob Stenby Lundsager, Long Term Adviser, Danish Energy Partnership Programme, Embassy of Denmark in Vietnam

Participants invited

- Officials / experts from MOIT and other Ministries
- Experts of Development Partners (VEPG members)
- Experts of businesses
- Researchers on energy data and statistics
- Experts of NGOs working on energy data and statistics

Provisional Agenda

Time	Subject
14:00-14:30	Registration
14:30-14:45	Opening remarks, overview of the agenda <ul style="list-style-type: none">• Mr. Nguyen Tuan Anh• Mr. Jakob Stenby Lundsager
14:45-15:00	Terms of Reference of the TWGs <ul style="list-style-type: none">• Secretariat: Presentation• Q&A
15:00-15:10	Targets and Strategies to establish the Energy Data and Statistics System in Vietnam <ul style="list-style-type: none">• Chair: Presentation• Q&A
15:10-15:20	Barriers and themes for work in the TWG5
15:20-15:45	Break
15:45-16:00	Proposed focus themes and workplan 2018 (challenges and topic focus) <ul style="list-style-type: none">• Co-Chairs: presentation• Key agencies share priorities & “what they can bring to the table”• Prioritisation 2018 in plenary discussions
16:00-16:30	Conclusions, agreements, closing remarks <ul style="list-style-type: none">• Mr. Nguyen Tuan Anh• Mr. Jakob Stenby Lundsager

Viet Nam Energy Partnership Group

TERMS OF REFERENCE FOR TECHNICAL WORKING GROUPS

1. Objectives of Technical Working Groups

Technical Working Groups (TWGs) will contribute to the overall and specific objectives of the Viet Nam Energy Partnership Group (VEPG): prepare inputs into High Level Meetings (HLMs) which will focus on policy dialogue. TWGs will address specific topics within the VEPG thematic areas and must complement dialogues on related matters in other partnerships or TWGs under the VEPG. TWGs study and discuss specific issues to deepen the policy and technical discourse.

2. Thematic Areas

Thematic focus areas of the VEPG include, but are not limited to the following:

- 1) Renewable energy;
- 2) Energy efficiency;
- 3) Structural energy sector development and reform, including power market reform;
- 4) Access to energy;
- 5) Energy data & statistics.

The actual initiation of each TWG will be flexible, with some TWGs set up and functioning earlier than the others, depending on availability of chairs and co-chairs and (immediate) interest of VEPG participants.

As the VEPG is operating, the thematic focus of TWGs may be updated and revised in accordance with the needs and developments in the energy sector as assessed jointly by the Ministry of Industry and Trade and Development Partners (DPs).

3. Structure, Leadership and Membership

TWGs will be chaired by senior representatives from the Ministry of Industry and Trade (MOIT) who are managers at the department level or equivalent.

Each TWG is co-chaired by a senior manager of one of the DPs. The co-chair will be rotated based on agreement between participating DPs, with the rotation coinciding with a plenary HLM of the VEPG.

The TWG chairs and co-chairs' responsibilities include: (i) agreeing on the TWG's annual workplan, subgroups, modes of operation and membership of the TWG; (ii) agreeing the agenda of (e.g. 6-monthly) TWG meetings; (iii) monitoring implementation of TWG workplans; (iv) providing inputs into the overall VEPG annual workplan.

TWG chairs and co-chairs will be assisted by the VEPG Secretariat.

TWGs consist of core members from government agencies and DPs as well as non-core members from businesses, research organisations and NGOs. All members must have adequate technical and/or policy expertise to contribute to discussions and activities.

4. TWG Operations

TWGs will function over a set period with possibility of extension, and will be ended as their missions will be accomplished.

TWG initiation

TWGs will be initiated based on the Terms of Reference, draft inventory of thematic projects, draft gap analysis of issues in the thematic area, draft annual workplan, and a membership proposal, for discussion and approval at its first meeting that will be organised in December or January 2017.

TWG annual workplans

TWGs will design annual workplans that will indicate focal topics, concrete results and timing of activities in the year ahead. Activities could include thematic studies, research, technical / policy reviews and information exchanges, informal working sessions, and electronic exchanges.

The activities could be initiated by the VEPG secretariat, the Chair and Co-Chair or active members and their operational projects.

TWGs will organise subgroups working on specific issues and results, initiate technical reviews, etc., as appropriate.

The annual workplan preparation and coordination of implementation is supported by the VEPG secretariat with inputs provided by the Chair, Co-Chair and any other members.

The annual workplans will consider the outcomes and recommendations of the HLMS, and any request by the TWG members.

The annual workplans will be agreed by a plenary meeting of a TWG, the Chair and Co-Chair, and be made available to all group members.

TWG resources

The VEPG secretariat will assist TWGs with formulation of annual workplans; organisation of meetings including finalising the agenda for approval by the Chair and Co-Chair and sharing of materials with members; membership registration and communication; making logistical arrangements for meetings; disseminating results of the TWG activities; assisting in the development of Terms of Reference for expert inputs into TWG activities; monitoring and reporting of progress with TWG activities.

DPs are expected to provide financial or in-kind support to specific activities agreed by TWGs, such as reviews, research and sharing of findings in policy and technical dialogues of TWGs

and the HLMs. The Ministry of Industry and Trade (MOIT) and possibly other ministries will provide in-kind contributions such as venues for technical meetings, technical expertise and human resources for VEPG activities on an ad-hoc basis.

TWG meetings and coordination

TWGs will limit the number of (coordination) meetings to two or maximum three per year. Some TWG meetings will be held before a VEPG plenary HLM so the outcome of TWG activities could feed into VEPG policy dialogues.

Working sessions in small (sub)groups could be organised to address any special request or proposal made by members.

TWG meetings will focus on specific topics and draft meeting agendas will be circulated in advance with assistance from the VEPG Secretariat. The focal topics will match the annual workplan or ad hoc emerging issues as suggested by group members.

The VEPG Secretariat assists in sharing input materials / findings & recommendations to be presented and discussed at meetings.

TWG meetings will be attended by the VEPG Secretariat staff. The VEPG Secretariat may support a TWG member prior to a meeting where they would give a presentation.

Outcomes and reporting

TWGs will occasionally report summaries of policy and technical recommendations to the Steering Committee, with assistance from the VEPG Secretariat and approved by the Chair and Co-Chair.

TWGs will prepare annual reports, with assistance from the VEPG Secretariat and approved by the TWG Chair and Co-Chair. The reports will summarise:

- The TWG's activities undertaken over the year;
- Achievements, outcomes of TWG activities;
- Inputs and recommendations (to be) made to the VEPG plenary HLM;
- A tentative workplan for the following year.

VIETNAM ENERGY SYSTEM DATA AND STATISTICS

Dr. Nguyen Tuan Anh

Head of Planning Department
Electricity and Renewable Energy Authority

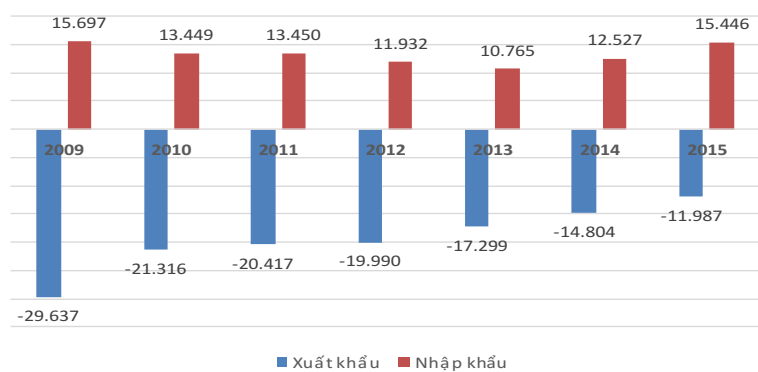
CONTENT

- Overview of Vietnam Energy System
- Vietnam Energy Data and Statistics (State of Play and Weakness)
- Vietnam Energy Information System

ENERGY CONSUMPTION IN VIETNAM

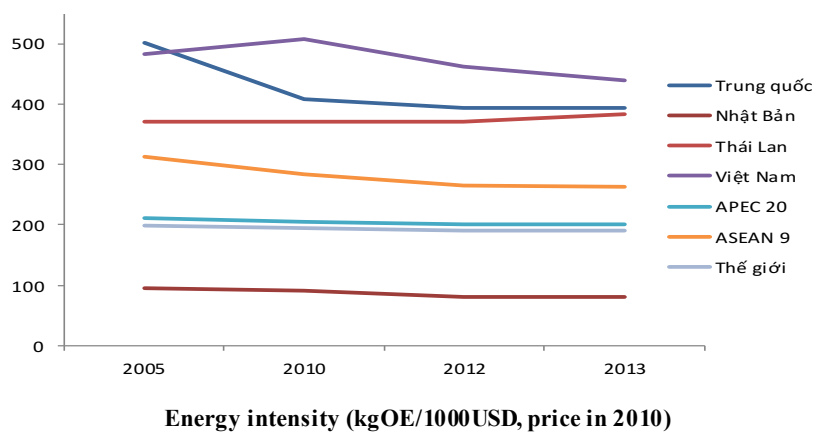
Content	Unit	2011	2012	2013	2014	2015
Total primary energy supplies	KTOE	57.073	57.855	59.203	64.797	70.588
Total energy end-users	KTOE	48.485	49.134	50.606	52.248	54.080
Final energy consumption/ person	kgOE/ person	551,8	553,2	563,8	575,9	589,7
Energy intensity	kgOE/ 1.000USD	423,6	406,2	411,1	423,6	410,8
Electricity consumption/ person	kWh/ person	1.077	1.187	1.294	1.416	1.564

ENERGY CONSUMPTION IN VIETNAM

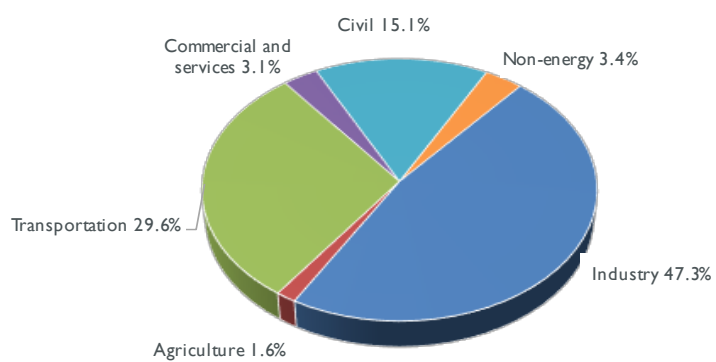


Energy Import-Export between 2009 and 2015, KTOE

ENERGY CONSUMPTION IN VIETNAM



ENERGY CONSUMPTION IN VIETNAM



Structure of energy consumption by sectors, 2015

STATE OF PLAY IN VIETNAM'S ENERGY STATISTICS

- **A fair amount of energy data is already collected by** Ministries, GSO, Customs, public energy companies (e.g EVN) and governmental agencies (e.g IE, DTSL, ...)
- The **supply side** (oil, gas and coal) and electricity are well covered but **consumption by end-use and renewables** less so (no disaggregation)
- **Good to excellent technical expertise** available at key organisations
- **Regular production of Energy Balances until 2015** by Institute of Energy
- **GSO is working on the 2016 Energy Balance**
- Energy Balance format mostly aligned with international standards (IEA / APERC)

MAIN WEAKNESSES

- **Fragmented legal framework and lack of integrated strategy for energy statistics**
- **Absence of a systematic data collection system** based on dedicated questionnaires and procedures
- Lack of clarity on **data sources and methodology**
- Ownership of **data still perceived as a source of power**
- **The dissemination** of energy statistics is not systematic or regular
- Lack of a comprehensive data quality assurance framework
- **No “official” international reporting** (APERC / IEA / JODI oil and Gas)
- **No IT system or database** to support and facilitate data collection, processing and dissemination

ACTIVITIES GOING ON

- WB support through REDP project: establish Integrated Renewable Energy Database System
- EU support a study on “Enhance Energy Data and Statistics of Vietnam in view of the Establishment of an Energy Information System in Vietnam”
- Denmark Embassy support to develop the “Vietnam Energy Outlook report 2017”
- ...

WHY DOES VIETNAM NEED TO ENHANCE ITS ENERGY DATA AND STATISTICS?

- National security depends on reliable data and information on fuel imports, fuel exports, energy stocks levels, and how energy is used in different parts of the economy;
- Socio-economic and technology developments such as decentralised electricity production makes the energy system more complex and more difficult to comprehend and plan without detailed data;
- Reliable and comprehensive energy data and statistics are required to structure and define energy policies as well as to assess their performance and propose changes as per necessary.

WHAT ARE THE EXPECTED RESULTS THREE YEARS FROM NOW?

- A National Energy Database is available. It allows the preparation of key energy data and statistics such as energy balances and time series on production, transformation, uses, stocks, and trade for all fuels in all sectors of the economy;
- The National Energy Database is informed by a comprehensive energy data acquisition and processing strategy aligned with international standards. Necessary new questionnaires and surveys are in place;
- A professional community of trained energy statisticians meets regularly within a format Energy Statistics Working Group. It is led by MOIT/EREA in collaboration with other VEIS agencies and ministries.

FURTHER DISCUSSION

- Legal provisions on Energy data and Statistic in Vietnam
- Source funding and budget to develop VEIS

Viet Nam Energy Partnership Group

Barriers and themes for work in the TWG5

ENERGY DATA & STATISTICS

Most energy data and statistics in Viet Nam are difficult to access, with ministries, agencies, research institutions, local authorities and State-owned Enterprises (SoEs) and keeping their own databases that cannot be accessed by others. Data are often stored on a personal computer, and detailed or even aggregated data are rarely shared on websites or even in print.

Several barriers affect data collection and sharing in Viet Nam, on both energy demand and supply:

- **Enabling legislation:** There is no enabling legislation to create a single entity for energy data and information. One major step in this direction is the Government decision for MOIT to develop and to implement Vietnam Statistics Strategy for the period of 2011-2020 and orientation to 2030.¹ This decision could reduce barriers to energy data accessibility but it has already been several years since it was taken.
- **Institutional:** The collection of energy data has evolved with different legislation that has required different agents to undertake the collection of data. This has resulted in a dispersed set of data which is not shared for the use of all decision-makers. Creating a single point of responsibility would facilitate better informed decision-making.
- **Methodologies:** raw estimation is frequently used without a comprehensive methodology, which leads to low reliability of data, especially in industrial sub-sectors.
- **Human resource capabilities and tools:** at both central and local level, an officer normally undertakes many tasks of which data collection is just one; and they may lack software or guidance. This requires improved management and capacity development.
- **Financial resources:** Lack of sufficient finance has led to inconsistent or limited collection processes that reduce accuracy and the usefulness of data, and only periodic issuance of reports.

In-depth analysis of collection and use of energy data and statistics has been done and is reasonably well documented, and proposals for improvement have been made and are under development. TWG 5 could do the following:

- a) Summarise available policy and technical reviews of annual energy statistics and balances; energy database (including re database); energy data management and legislation ...
- b) Document, summarise best international practices on improvement of energy data and energy data management
- c) Organise working sessions on specific topics to develop concrete policy, regulatory and technical recommendations, capacity building.
- d) Document and exchange information, update the VEPG e-library.

¹ Decision No: 2787/QĐ-BCT, MOIT, May 3, 2013

TWG#5: Proposed Themes and Workplan 2018

Viet Nam Energy Partnership Group
First meeting of the Technical Working Group 5
(TWG5) on Energy Data and Statistics
13 June 2018

Purpose

- The TWG#5 *cannot* itself conduct work
- The TWG#5 can support the VEPG objectives of **transparency**, **coordination** and **dialogue**
- This meeting supports this by
 - Work plan listing up relevant projects within energy data and statistics (**transparency**)
 - Giving you the opportunity to coordinate on-going and future work (**coordination**)
 - Giving you an opportunity to discuss new projects and opportunities (**dialogue**)



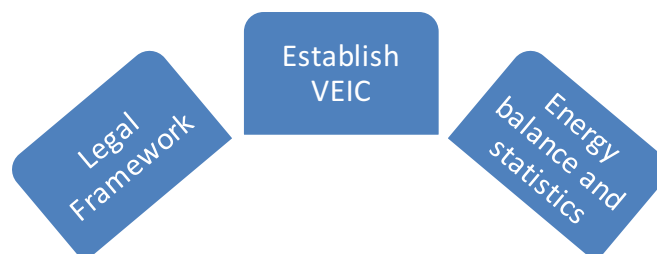
The short and the long perspective

- **Long:** Get legislation into place
- **Short:** Start up some activities now
- TWG#5 can support both



Proposed focus themes

- Legal framework
- Establish VEIC
- Energy balance and statistics



Legal framework

- | | |
|-----|--|
| 1.1 | Study and Draft decision on approval the Roadmap and Action plan to establish VEIC |
| 1.2 | Study and Draft decision on giving approval for scheme for establishment of National VEIS and Application of Information Technology to Implementation of Energy Information policies by 2025 with orientations by 2030 |
| 1.3 | Study and Draft Circular on Energy Balance Structure and mechanism to publish a Vietnam Energy Statistics Yearbook |
| 1.4 | Study and Draft Circular on Energy Statistics methodologies and procedures |

Establish VEIC

- | | |
|-----|---|
| 2.1 | International and local consultant support to improve the capacity of VEIC' staffs, "learning by doing" |
| 2.2 | Training courses focus on energy demand modelling and energy systems modelling |
| 2.3 | Support to build-up the infrastructure of VEIS |
| 2.4 | Design and develop VEIS system localized in MOIT
- Assist EREA, GSO and other VEIS agencies (2018-2019) to develop and implement a comprehensive and integrated energy statistics system aligned with international standards including:
* Data strategy and mapping of data requirements (needed to prepare Energy Balances and other key energy statistics)
* Design questionnaires
* Identify need for surveys and start their design
* Establish statistical and quality assurance |
| 2.5 | Enhance Energy Data and Statistics of Vietnam in view of the Establishment of an Energy Information System in Vietnam / VEIS-RoMAP (funded by EU) |

Energy statistics and balances (1)

3.1 Energy statistics yearbook

- Assist MOIT to translate and publish officially the 2015 Vietnam Energy Statistics Yearbook
- Assist MOIT to publish a Vietnam Energy Statistics Yearbook for year 2016, with at least as much content and quality as the year 2015 yearbook.
- Continues assist MOIT to realize Energy efficiency indicators

3.2 Energy Statistics methodologies and procedures

- Translate key international guidelines on energy statistics into Vietnamese: IRES, ESCM, Energy Statistics Manual, IEA/Eurostat/UNECE questionnaires, etc. (2018)

3.3 Energy balance Development

- Assist GSO to produce high quality Energy Balances for years 2016 and 2017.
- TAs on Energy Balance Methodology (2018-2019): Assistance for surveys on energy use in specific sectors, such as: (i) Residential; (ii) Industry; (iii) Transport; (iv) Services; (v) Agriculture; (vi) Forestry & fisheries

Energy statistics and balances (2)

3.4 Assist MOIT to realize an inventory and catalog of existing energy data in Vietnam

3.5 Development of database on energy data for modelling purposes

3.6 TAs & Capacity building supports to develop data system at the stakeholders (GSO, Custom, DOIT, P-GSO, etc.)

3.7 Integrated Renewable Energy Database *(funded by SECO/WB - Need updated data)*

Improved Data Foundation for modelling (Technology Catalogue for power

3.8 generation and fuel price projections) *(funded by Danish Energy Partnership Programme)*

Dialogue

- Comments on the work plan
- Support on the workplan tasks
- Proposal of new tasks
- Other comments on the TWG#5



