



# PRESENTATION

## INITIAL ASSESSMENT OF FACILITY-LEVEL GHG REPORTING SYSTEM IN VIETNAM

*Presented by: Mr. Hoang Hai*

*Managing Director – Vietnam Technology Solutions*

*Joint Stock Company (VETS)*

# 01

## COMPANY PROFILE

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**Vietnam Technology Solutions Joint Stock Company (VETS., JSC)** is a units with almost 15 years of experience in the energy sector as an active member of main national, international projects and programs on using energy providently and efficiently.



## GENERAL INFORMATION

- ❖ **Established year:** 2007
- ❖ **Address:**
  - ❑ **HO:** 1<sup>st</sup> floor, Song Da 9 Building, Nguyen Hoang Street, My Dinh 2 Ward, Nam Tu Liem District, Hanoi, Vietnam.
  - ❑ **RO:** No. 10, Street 4, Him Lam Urban Area, Tan Hung Ward, District 7, Ho Chi Minh City
- ❖ **Number of staff:** 70 staffs.
- ❖ **Key services:**
  - National and International cooperation in Energy, Carbon emission, Survey...
  - Consulting: Energy Audit, ISO 50001, Energy solutions, GHG
  - Training: energy managers, energy auditors, energy-saving;
  - 4.0 Solution for Building and Industry Sector.




# 02


## ONLINE ENERGY REPORTING SYSTEM: DATAENERGY.VN

## SYSTEM OVERVIEW

Cổng thông tin Bộ công thương [Liên hệ](#)

 **BỘ CÔNG THƯƠNG VIỆT NAM**  
HỆ THỐNG CƠ SỞ DỮ LIỆU NĂNG LƯỢNG TRỌNG ĐIỂM

[🏠](#) DANH SÁCH CSSDNLTT [VĂN BẢN LUẬT](#) [TIN TỨC](#) [DANH BẠ](#) [HỖ TRỢ](#)







### Đăng nhập


[Đăng nhập](#)

Nhớ mật khẩu [Quên mật khẩu](#)

[Sở SCT, Bộ CT truy cập](#) [Đăng ký](#)

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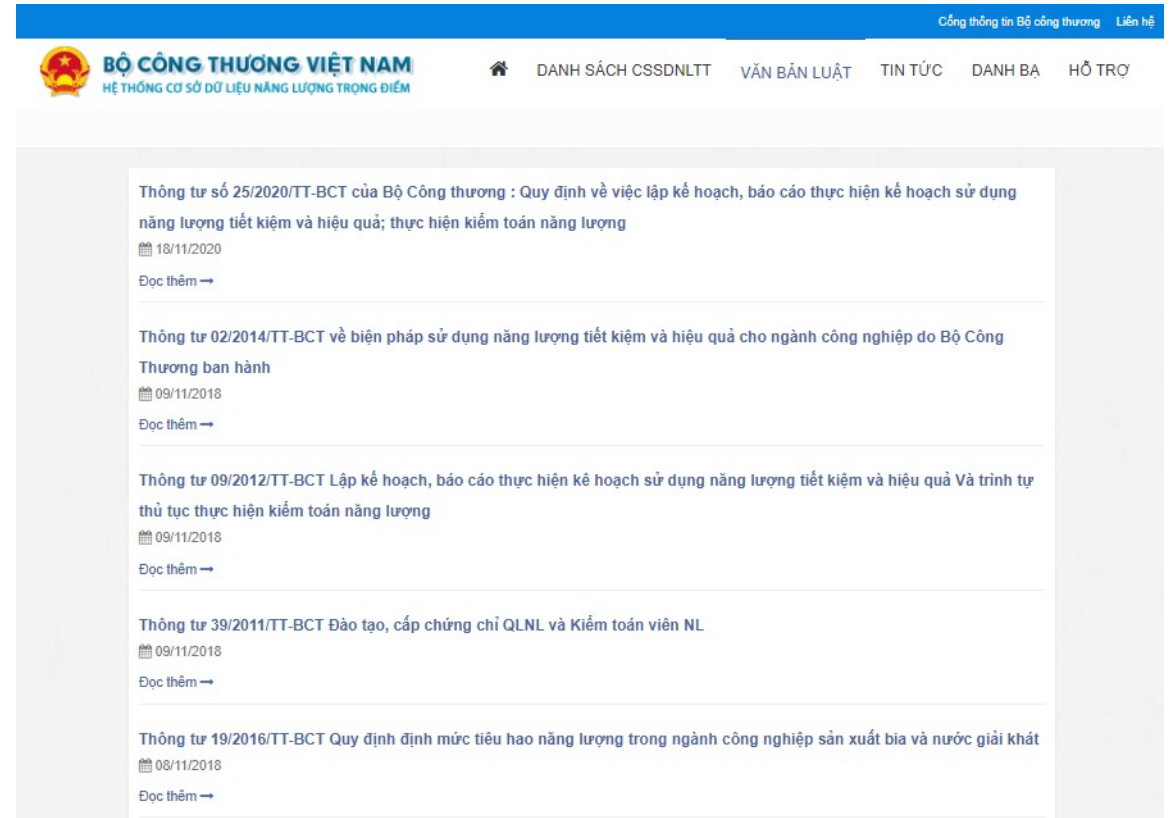
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Văn bản pháp luật
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Danh sách cơ sở SDNL  
trọng điểm
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Danh bạ liên hệ
-   
Hỗ trợ



## 02. ONLINE ENERGY REPORTING SYSTEM

### LEGAL BASIS

- Law on Energy Efficiency and Conservation No.50/2010/QH12;
- Decree No. 21/2011/NĐ-CP;
- Circular No. 25/2020/TT-BCT;
- Issued Benchmarking Circulars of:
  - Plastic industry;
  - Beer and beverage production industry;
  - Steel industry;
  - Paper industry;
  - Seafood processing industry (for catfish and shrimp);
  - Sugar industry;
  - Etc.

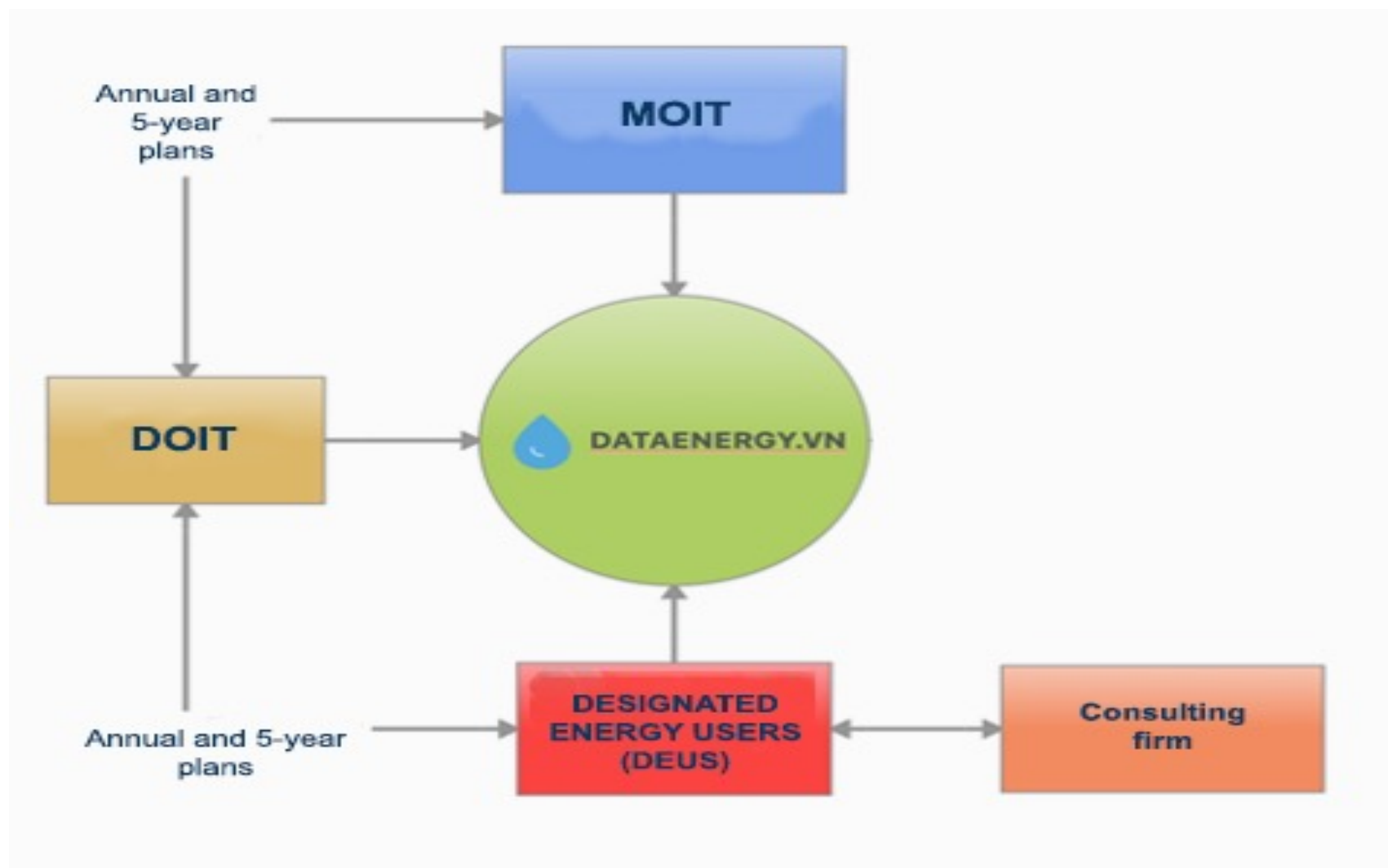


The screenshot displays the official website of the Ministry of Commerce of Vietnam. The header includes the ministry's name in Vietnamese, its logo, and navigation links such as 'Cổng thông tin Bộ công thương' and 'Liên hệ'. Below the header, a list of circulars is presented, each with a title, date, and a 'Đọc thêm' (Read more) link. The circulars listed are:

- Thông tư số 25/2020/TT-BCT của Bộ Công thương : Quy định về việc lập kế hoạch, báo cáo thực hiện kế hoạch sử dụng năng lượng tiết kiệm và hiệu quả; thực hiện kiểm toán năng lượng (18/11/2020)
- Thông tư 02/2014/TT-BCT về biện pháp sử dụng năng lượng tiết kiệm và hiệu quả cho ngành công nghiệp do Bộ Công Thương ban hành (09/11/2018)
- Thông tư 09/2012/TT-BCT Lập kế hoạch, báo cáo thực hiện kế hoạch sử dụng năng lượng tiết kiệm và hiệu quả Và trình tự thủ tục thực hiện kiểm toán năng lượng (09/11/2018)
- Thông tư 39/2011/TT-BCT Đào tạo, cấp chứng chỉ QLNL và Kiểm toán viên NL (09/11/2018)
- Thông tư 19/2016/TT-BCT Quy định định mức tiêu hao năng lượng trong ngành công nghiệp sản xuất bia và nước giải khát (08/11/2018)

## 02. ONLINE ENERGY REPORTING SYSTEM

### REPORTING PROCEDURE – GENERAL MODEL



## 02. ONLINE ENERGY REPORTING SYSTEM

### KEY FUNCTIONS

#### ❖ Functions for enterprise users:

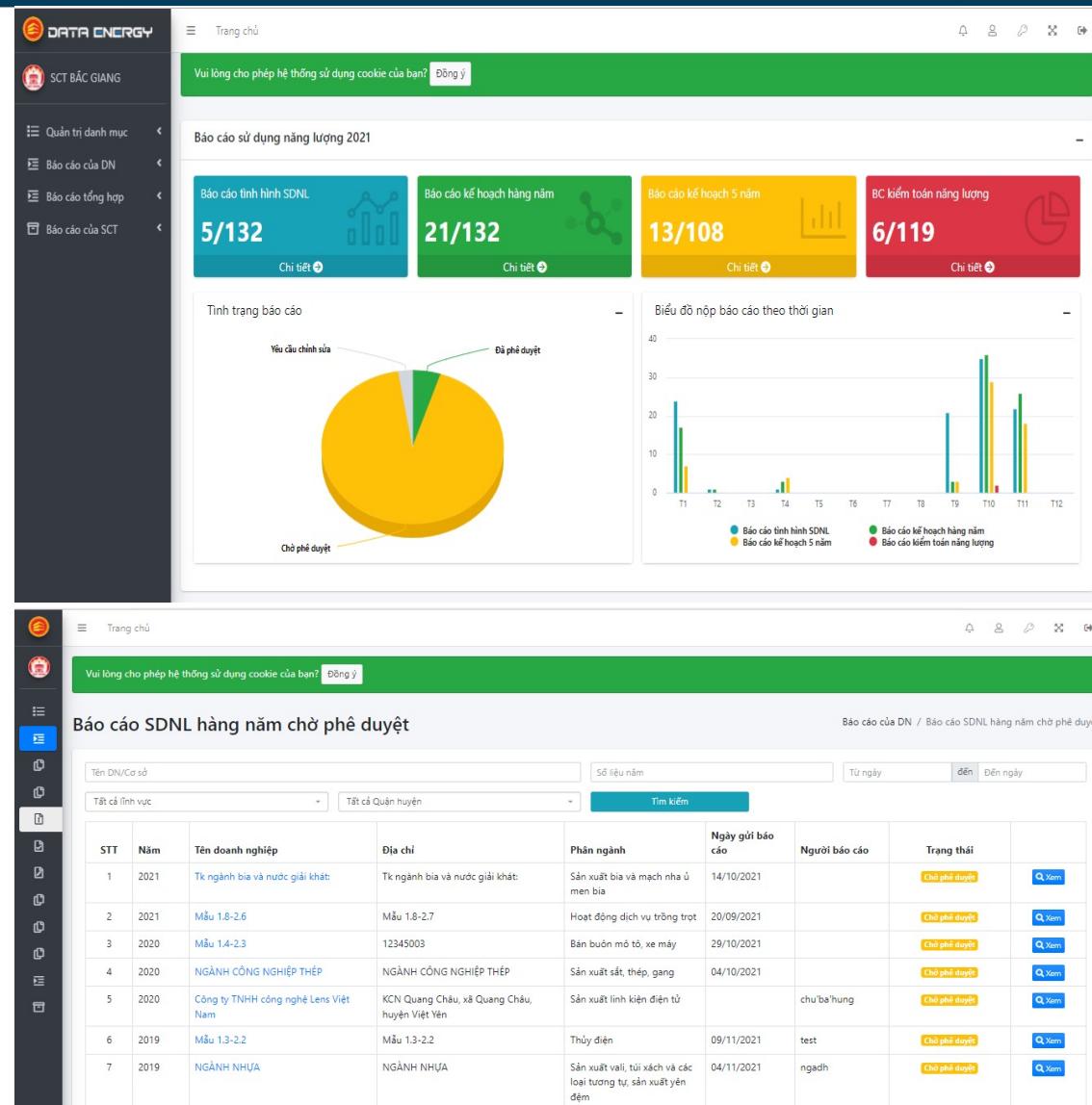
- Create and submit reports according to regulations,...;

#### ❖ Functions for DOIT users :

- Receive and approve DEU's reports,
- Create and submit reports to the MOIT according to regulations;
- Manage DEU accounts, etc.;

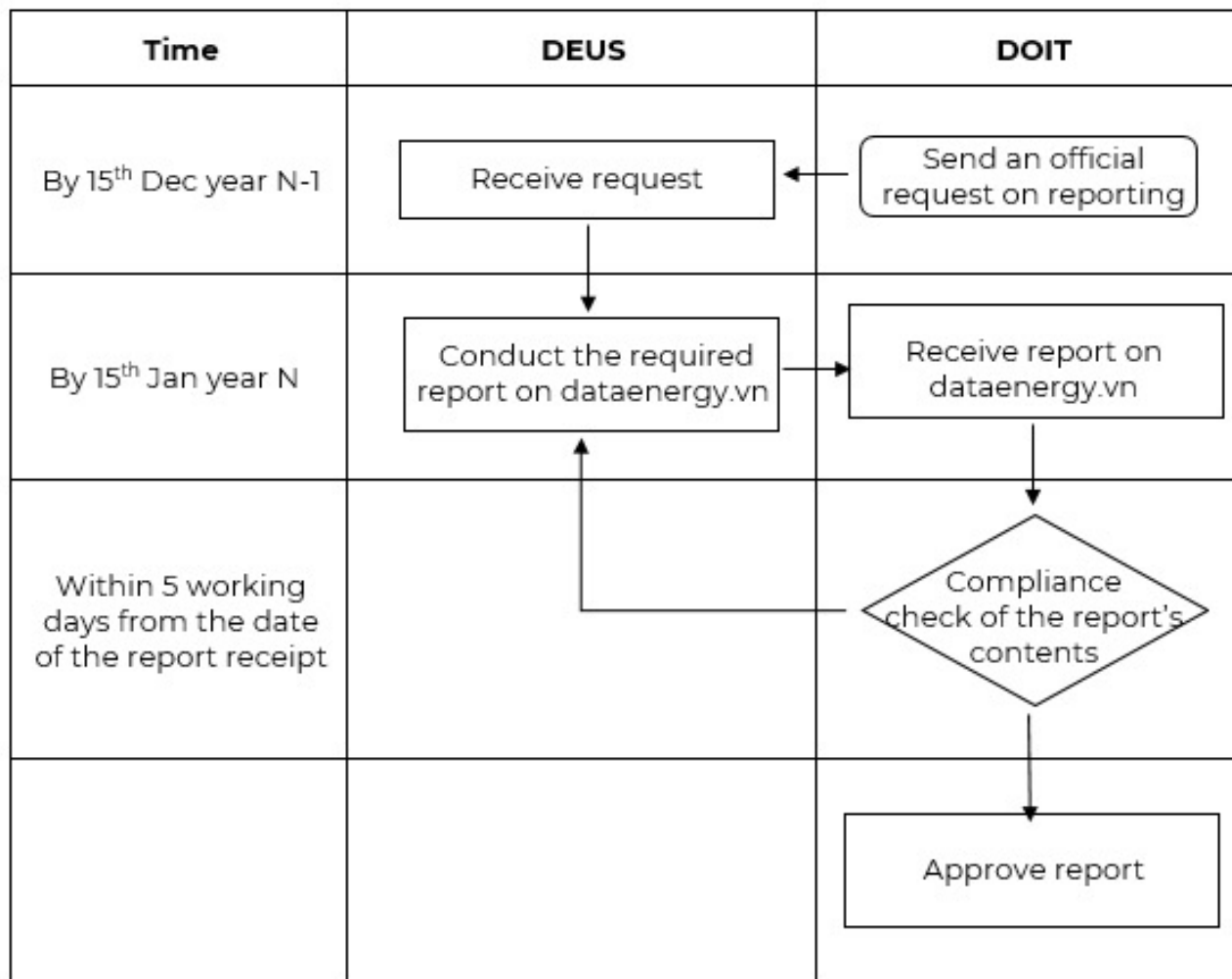
#### ❖ Functions for MOIT users :

- Receive and approve DOIT's report,
- Aggregate national energy data, etc.



## 02. ONLINE ENERGY REPORTING SYSTEM

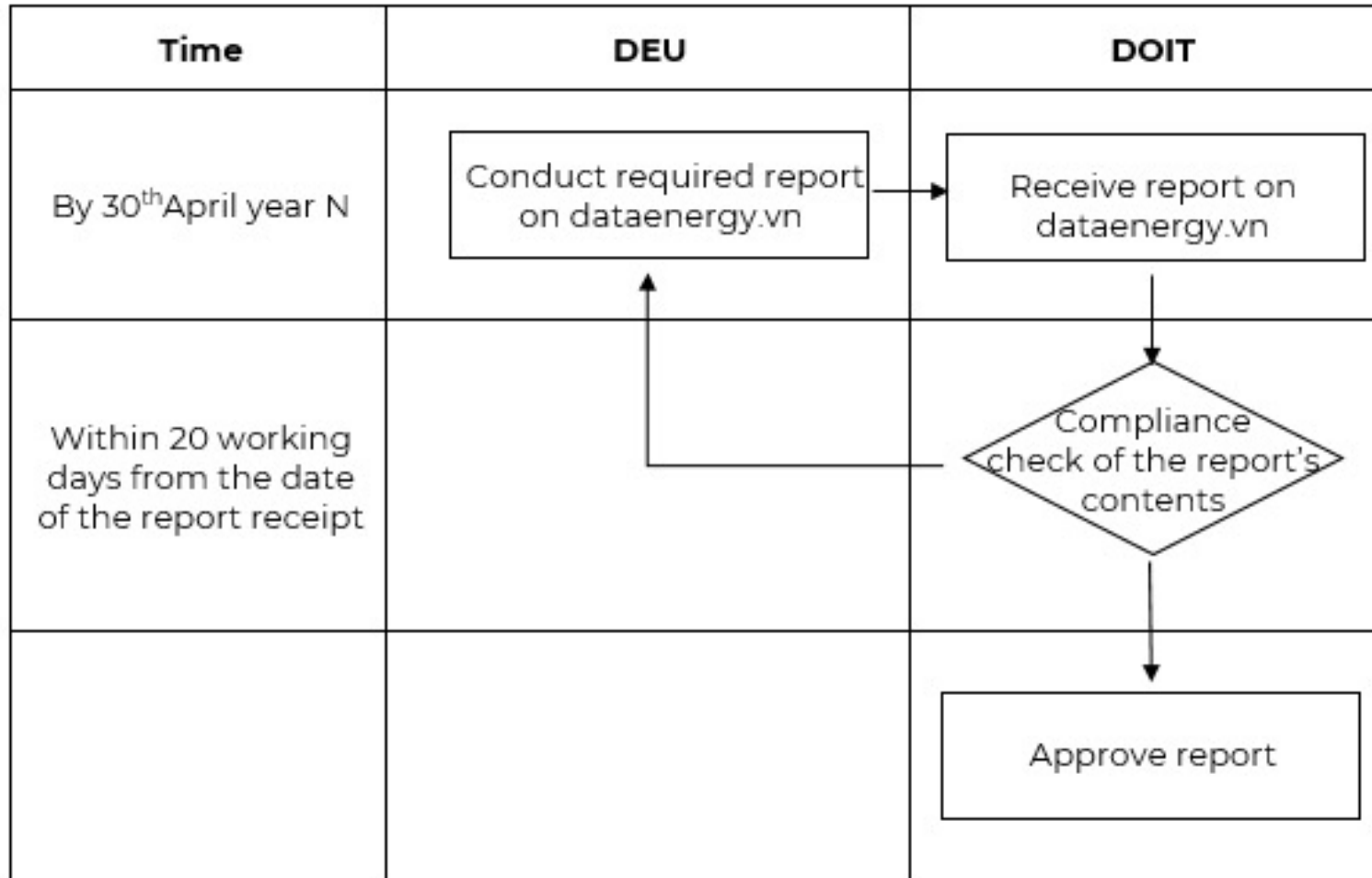
### REPORTING PROCEDURES ON THE ANNUAL ENERGY CONSUMPTION STATUS





## 02. ONLINE ENERGY REPORTING SYSTEM

### REPORTING PROCEDURES ON THE ANNUAL/5-YEAR PLANS



# 03

## CURRENT CONSULTANCY WORK

### INITIAL ASSESSMENT OF FACILITY-LEVEL GHG REPORTING SYSTEM IN VIETNAM

Under Project “Support for planning and implementation of nationally determined contributions in Vietnam (SPI-NDC), a new climate change technical cooperation of JICA, in collaboration with the Ministry of Natural Resources and Environment (MONRE) from June 2021 to implement the objectives in the updated NDC.



## 03. CURRENT CONSULTANCY WORK

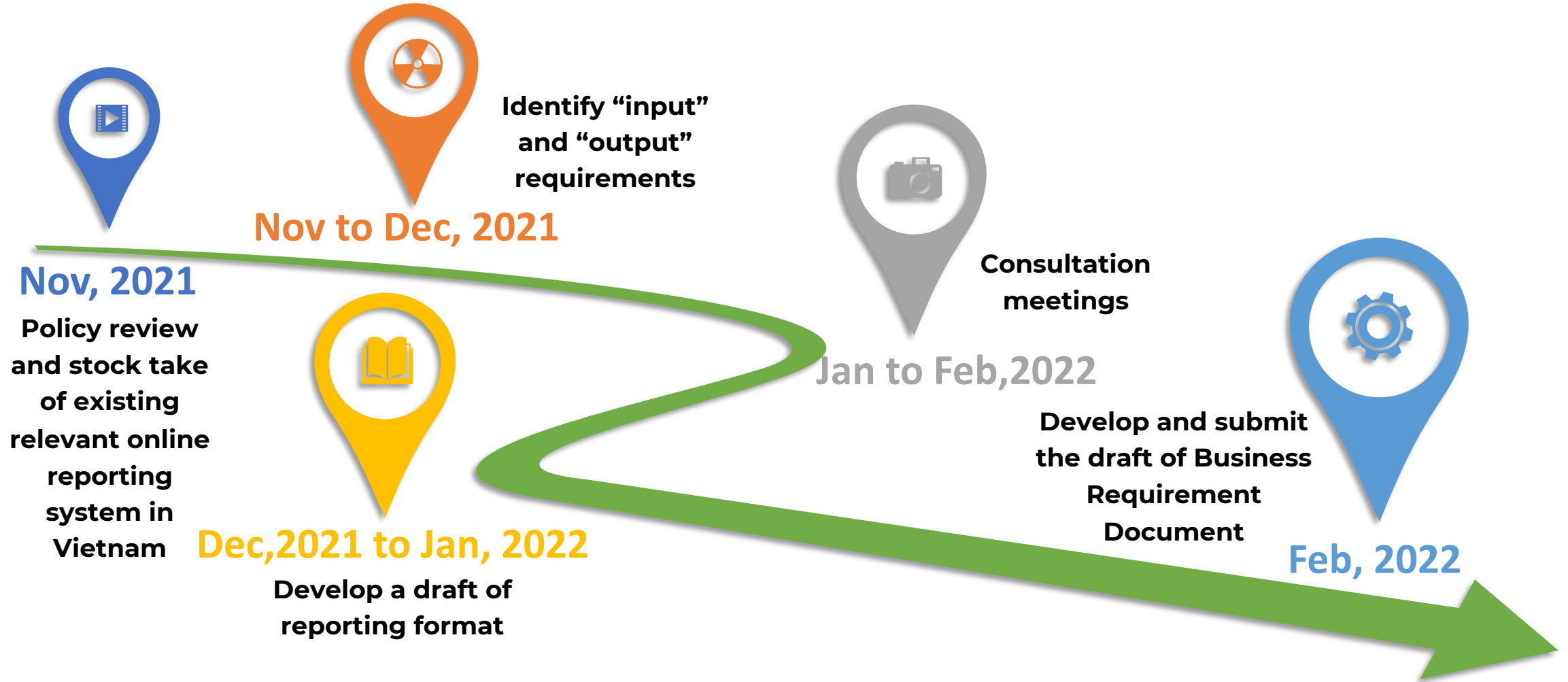
### SCOPE OF CONSULTANCY WORK

- Review and develop an initial assessment of the facility-level GHG reporting system envisaged under LEP of Vietnam by exploring similar systems in Vietnam and Japan.
- Identify feasible development process of the system including digitalized reporting system and development of reporting format.
- Propose a draft Business Requirement Document (BRD) to construct online GHG reporting system for facility level under LEP.

➤ ***The tasks are conducted by exploring existing document (policy, reports, previous study including academic paper and report from donor agencies) and data as well as interviews/conduction survey if necessary, from related stakeholders .***

# 03. CURRENT CONSULTANCY WORK

## EXPECTED TIMELINE



# 04

## LESSONS LEARNT AND RECOMMENDATIONS

## ON DEVELOPMENT OF FACILITY-LEVEL GHG ONLINE REPORTING SYSTEM IN VIETNAM



## 04. LESSONS LEARNT AND RECOMMENDATIONS

### LESSONS LEARNT AND RECOMMENDATIONS ON POLICY FRAMEWORK

- Develop a training mechanism for consultants in conducting GHG inventory for enterprises;
- Develop specific sanctions to require and encourage enterprises to conduct GHG inventory reports periodically;
- Unify on using only one form of reporting, which is online report;
- Develop a specific procedure for compliance check and approving reports.

## 04. LESSONS LEARNT AND RECOMMENDATIONS

### LESSONS LEARNT AND RECOMMENDATIONS ON SYSTEM OPERATION

- Conduct interviews with enterprises to identify the conditions needed for a feasible reporting system.
- Build and maintain a team of software maintenance and technical support as soon as the system is in use;
- Organize annual training programs for enterprises and local state management agencies on the use of the system and new updates;

*Thank you!*

