

# INTRODUCTION TO ENERGY UTILIZATION MANUAL (EUM) REVIEW



# Many Ws & Hs on EUM

Q1

**What is EUM Review?**

Q4

**What are contents of EUM?**

Q2

**Why EUM Review?**

Q5

**When EUM be effective?**

Q3

**Whom is EUM Review for?**

Q6

**What are the benefits of EUM Review?**



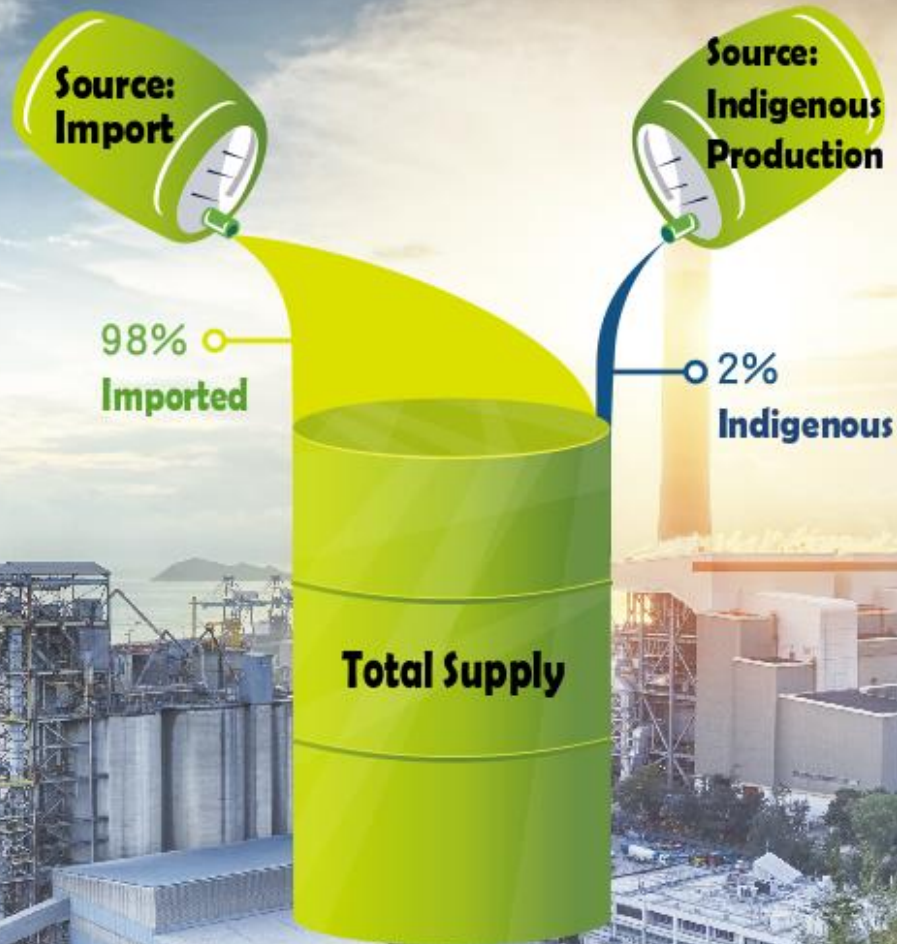
## Q1 : What is EUM Review?

While an investment on a new plant project or a plant-expansion project, an energy-using capacity and its energy efficiency should be assessed during the project's design phase, And an EUM application should be submitted to the Central Competent Authority, BOE of MOEA for reviewing and approval. It should be noted that the construction works can only begin after the EUM finalized and approved. The purpose is mainly for the enhancement of energy efficiency of these invested projects.

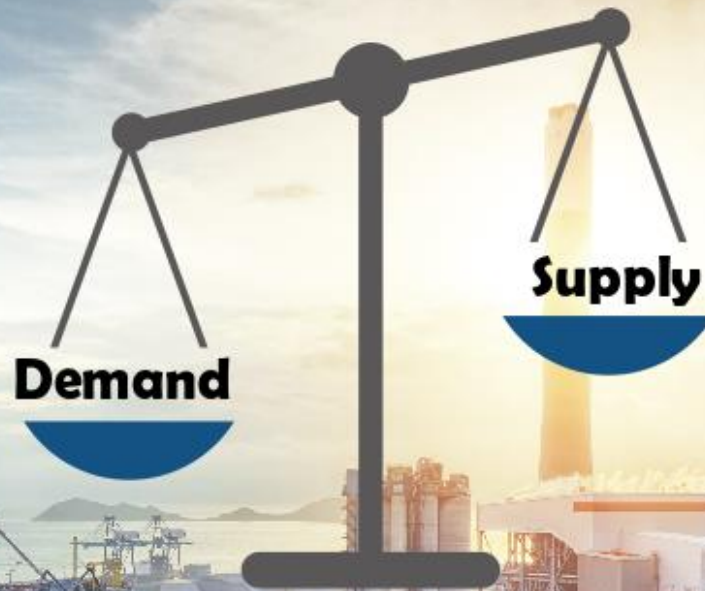


## Q2 : Why EUM Review?

### 1. Ensuring Steady Energy Supply and Demand



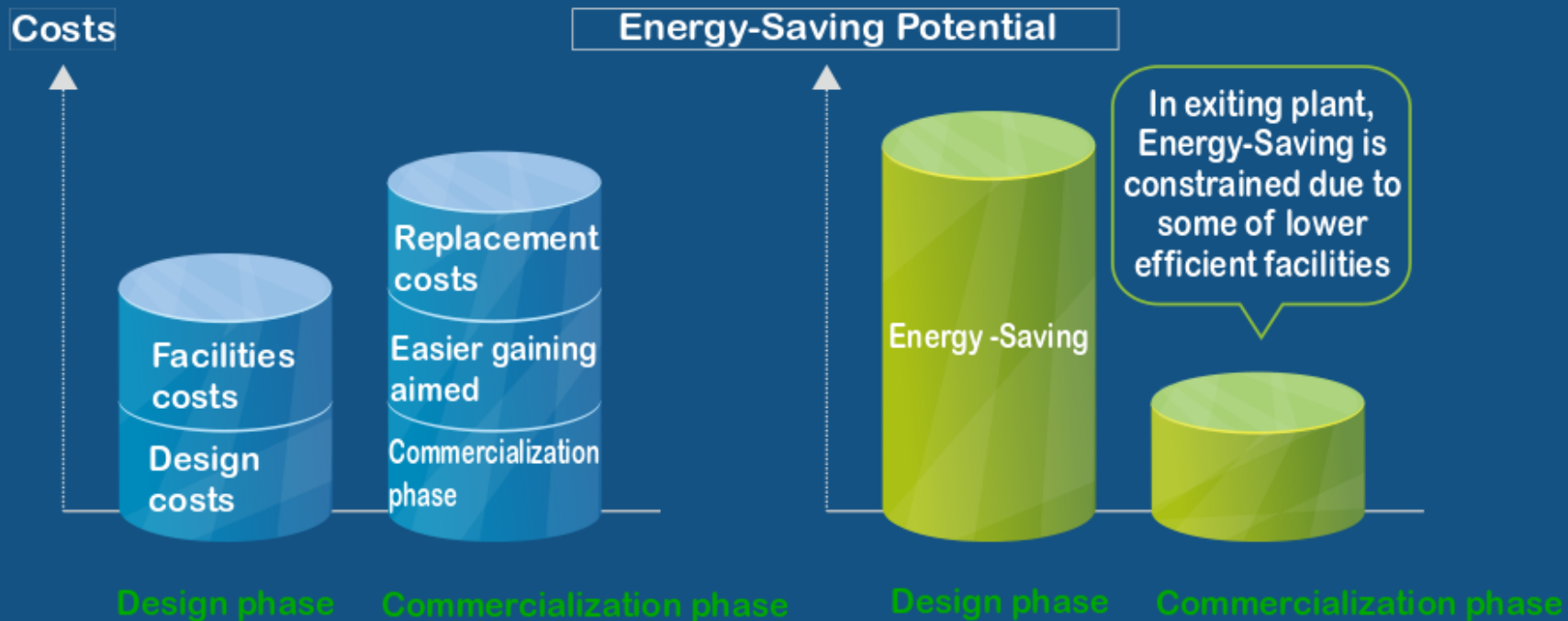
# If Energy Demand > Supply...



**Imbalanced Supply and Demand of Energy  
impacting S/D stability, especially  $D > S$  situations**

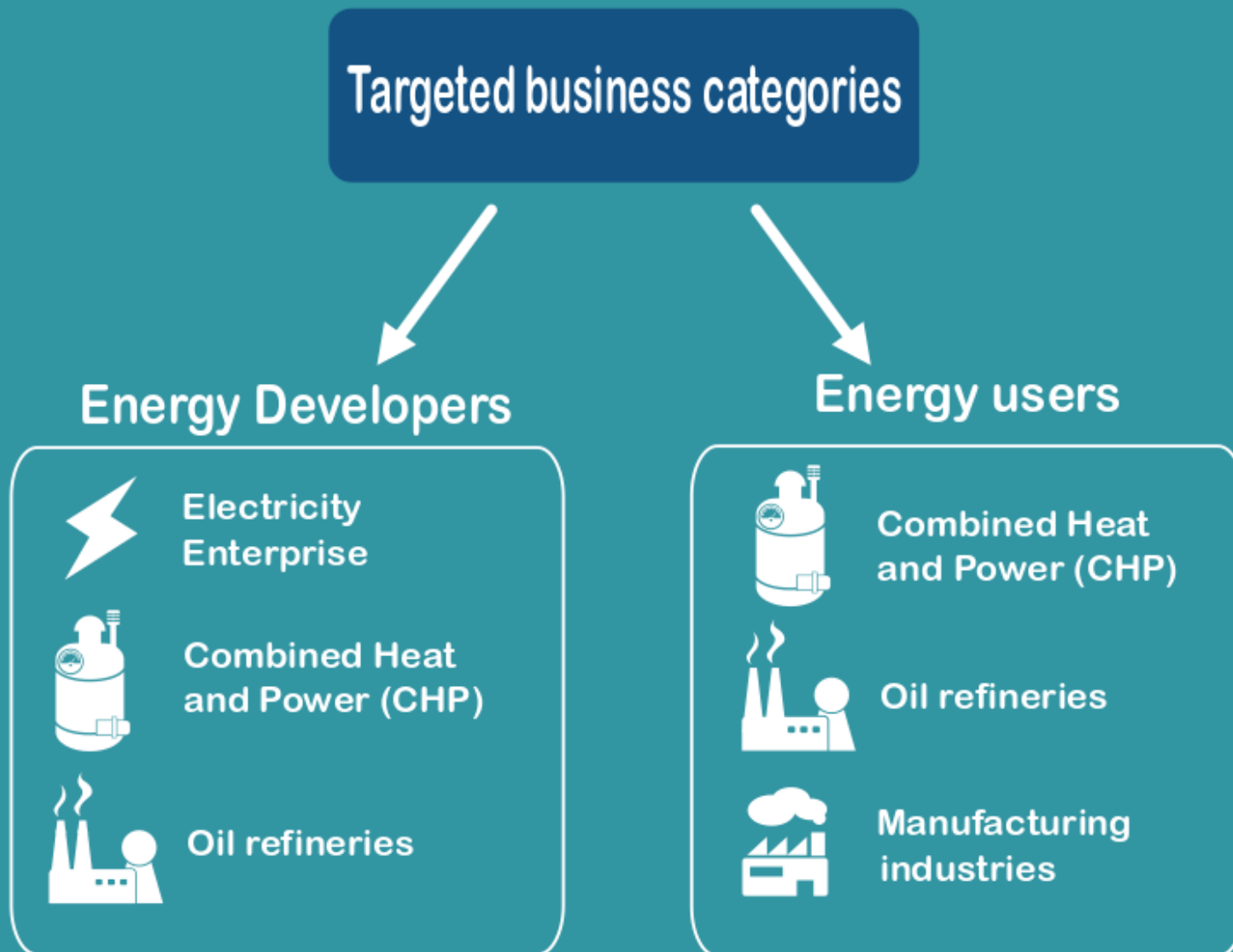
## 2. Energy Efficiency upwardly

For example, comparing a new plant with an existing plant



Compared to Commercialization phase, Design phase is Lower Costs with high potential of energy saving!

## Q3 : Whom is EUM Review for?



## Who would be exempted from EUM review?



Energy consumption facilities that have been completed construction work and in operation already



Industries not listed on the Government's manufacturing industry categories, such as agricultural produces, Fishery, Poultry, Service sectors, Education sectors ...etc.



Small-Scale Investment and Production Plan



## Q4 : What are contents of EUM?

EUM Review system is 2-phase implementation, at the first phase, objects relating energy efficiency be reviewed.



## Q5 : When EUM be effective?

**EUM Review  
system Launched  
in Two Phases**

**Promulgation on November 24, 2015**

**Been effective on November 26, 2015**

**Energy efficiency to be reviewed  
in the first phase**

## To our Nation:



**Supervising  
Energy  
Supply-Demand  
Flow**



**Securing Energy  
Supply stability  
and Security**

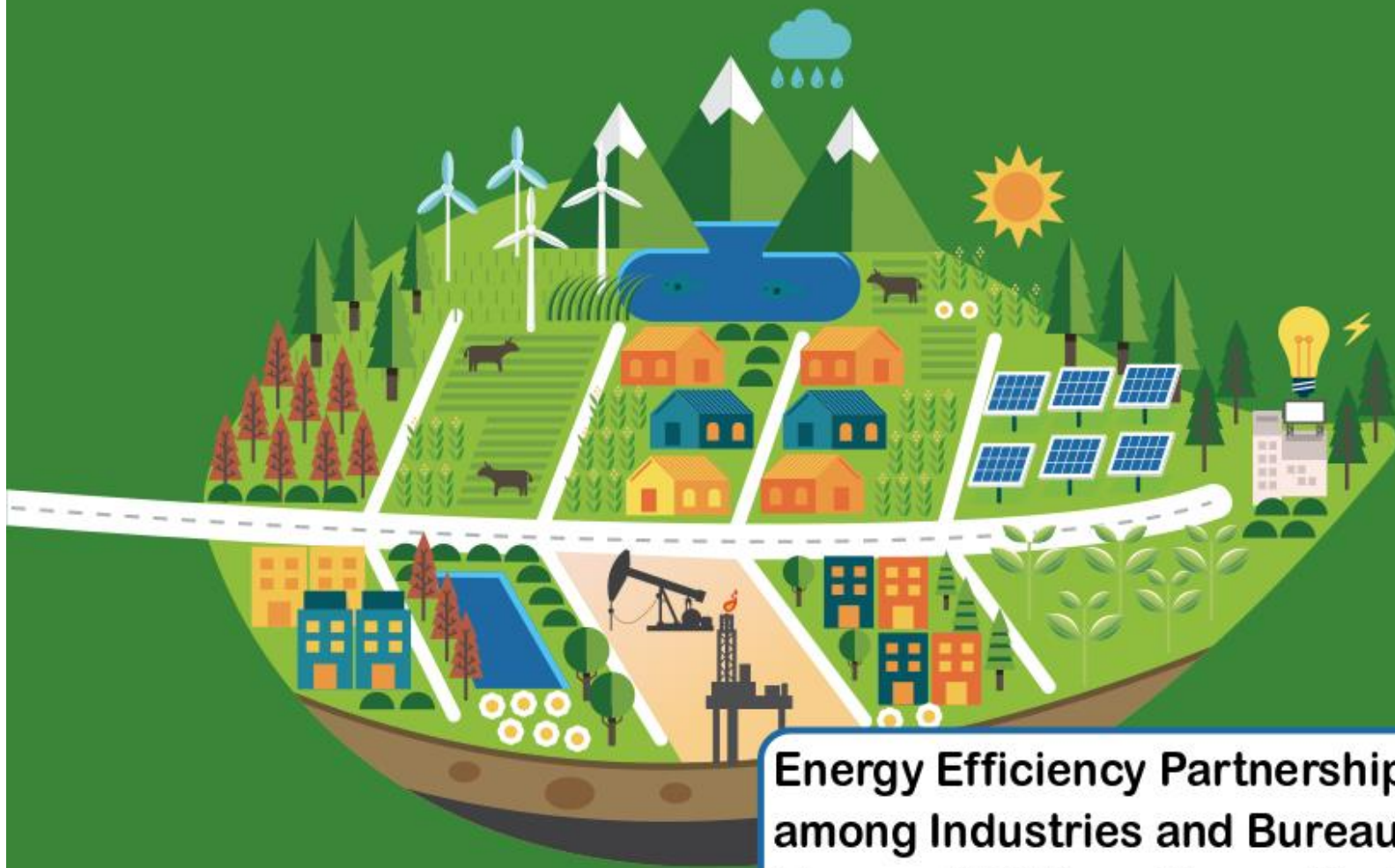


**Enhance Industries'  
Energy Efficiency**



**Balance Regional  
Energy Supply and  
Demand**

**Energy, Environmental  
Protection, Economy  
Objectives of Policy**



**Energy Efficiency Partnership  
among Industries and Bureau of  
Energy, MOEA. Do our Best!**



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