



KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA

MALAYSIA IN COMPILING PHYSICAL SUPPLY AND USE TABLE (PSUT) 2015 SEEA

16th – 20th June 2026
Chiba, Japan





JOURNEY OF SEEA MALAYSIA

2010

Parliamentary question related to Green GDP

2012*

Study the Handbook of SEEA 2003¹ & NAMEA²

23 – 27 Sept 2013

The 1st Sub-Regional Course on SEEA

- Collaboration with UNESCAP/UNSIAP/UNSD

30 Sept – 1 Oct 2013

Assessment Mission on SEEA by UNESCAP/UNSIAP/UNSD

2014

Parliamentary question related to Green GDP

3 April 2014

SEEA Awareness Workshop with agencies

9 July 2014

Proposed to Main User Committee (MUC)

i. PSUT Energy (2014-2015)

ii. PSUT Water (2015-2016)

2015 – 2016

Compilation of MySEEA PSUT-Energy

- Set up Technical Working Group (inter DOSM & inter agency)

19 – 23 Sept 2016

Assessment Mission on SEEA by UNSD and UNESCAP

March - Nov 2017

Present MySEEA PSUT-Energy

- Executive Talk to Statisticians in DOSM, March 2017
- 2nd APES Week Bangkok Thailand, May 2017
- Inter-regional Workshop on Strengthening Statistical Capacities for Building Macroeconomic and Sustainable Development Indicators in Latin America, the Caribbean & Asia-Pacific Countries, July 2017, Santiago, Chile
- Research Colloquium INTAN, Sept. 2017, Malaysia
- Statistics Colloquium DOSM, Sept. 2017
- MyStats Conference, Nov. 2017
- Regional Closing Workshop on SEEA, Nov. 2017

August 2017

Released of Report on MySEEA PSUT-Energy 2010

22 Feb 2017

Present findings of MySEEA-Energy to MUC

24 – 27 Jan 2017

Technical Assistance from UNSD & Statistics Denmark

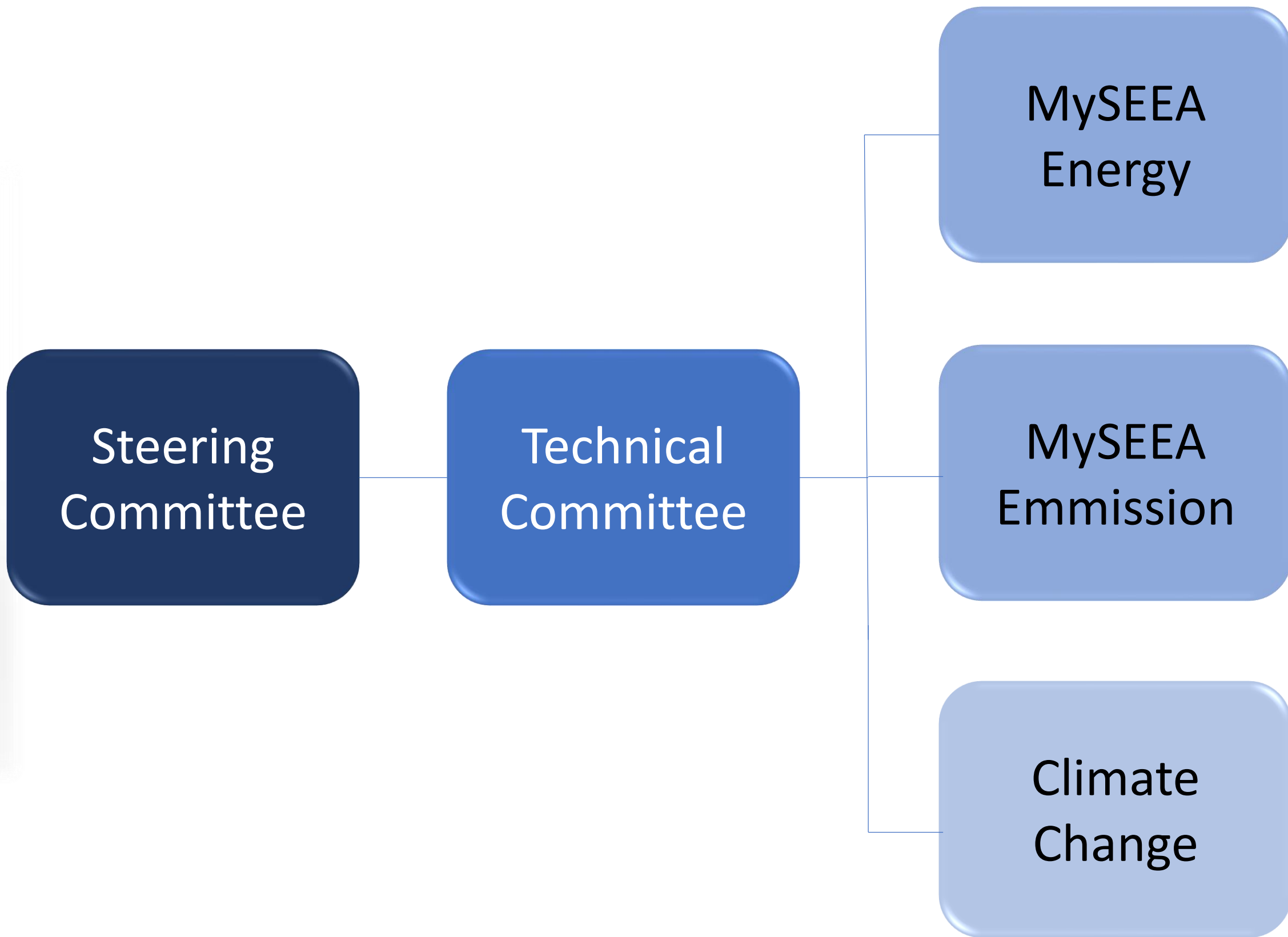
- Evaluation on MySEEA PSUT-Energy

26 – 30 Sept 2016

Regional Course on SEEA Water by UNSD/ UNESCAP



COMMITTEE BOARD



ROADMAP



Roadmap for System of Environmental – Economic Accounting (SEEA), 2016-2020

1

Is a dynamic document that outlined policies/ programmes/ initiatives related to environment in Malaysia, governance structure, data requirements, proposed accounts and implementation strategies for SEEA implementation.

2

The purpose of this roadmap is to link the current Malaysia environmental-economic accounting initiatives and policy requirements with the SEEA and other international framework.

3

To support the development of environment-economic accounting

- 2015-2017 – SEEA Water and Energy
- 2018-2020 – SEEA Air Emission and Land

4

Coordination of the implementation of the roadmap SEEA with a 3-level structures consist of Steering committee, Technical Committee and Technical Working Group.

**Roadmap for
System of Environmental-Economic
Accounting
2016-2020**

MALAYSIA



PUBLICATION





MySEEA PSUT PUBLICATION



1st published in 2010
– limited circulation



MySEEA PSUT Water,
2015 is the 1st
publication released in
general



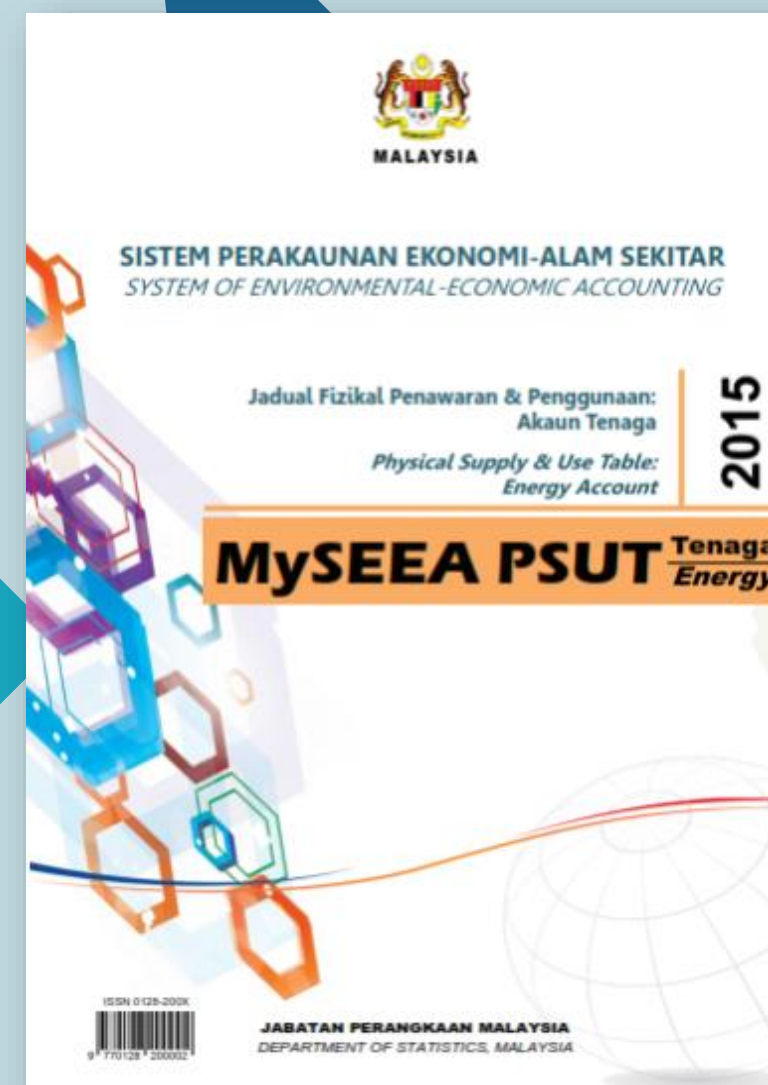
The Supply & Use Table covers sector:

- Agriculture
- Mining & quarrying
- Manufacturing
- Construction
- Services
- Households
- Export and Import

MySEEA PSUT WATER



MySEEA PSUT ENERGY



Components of MySEEA PSUT Energy:

- Source of natural inputs
 - Non-renewable
 - Renewable
- Product of Non-renewable energy
 - Natural gas
 - Crude oil
 - Coal and coke
- Type of Renewable energy
 - Hydro power
 - Solar
 - Biomass
 - Biogas
 - Biodiesel
- Use of energy product
 - Transformation
 - Final use



MySEEA PSUT AIR EMISSION PUBLICATION

MySEEA PSUT AIR EMISSIONS



1st published in 2019 – limited circulation

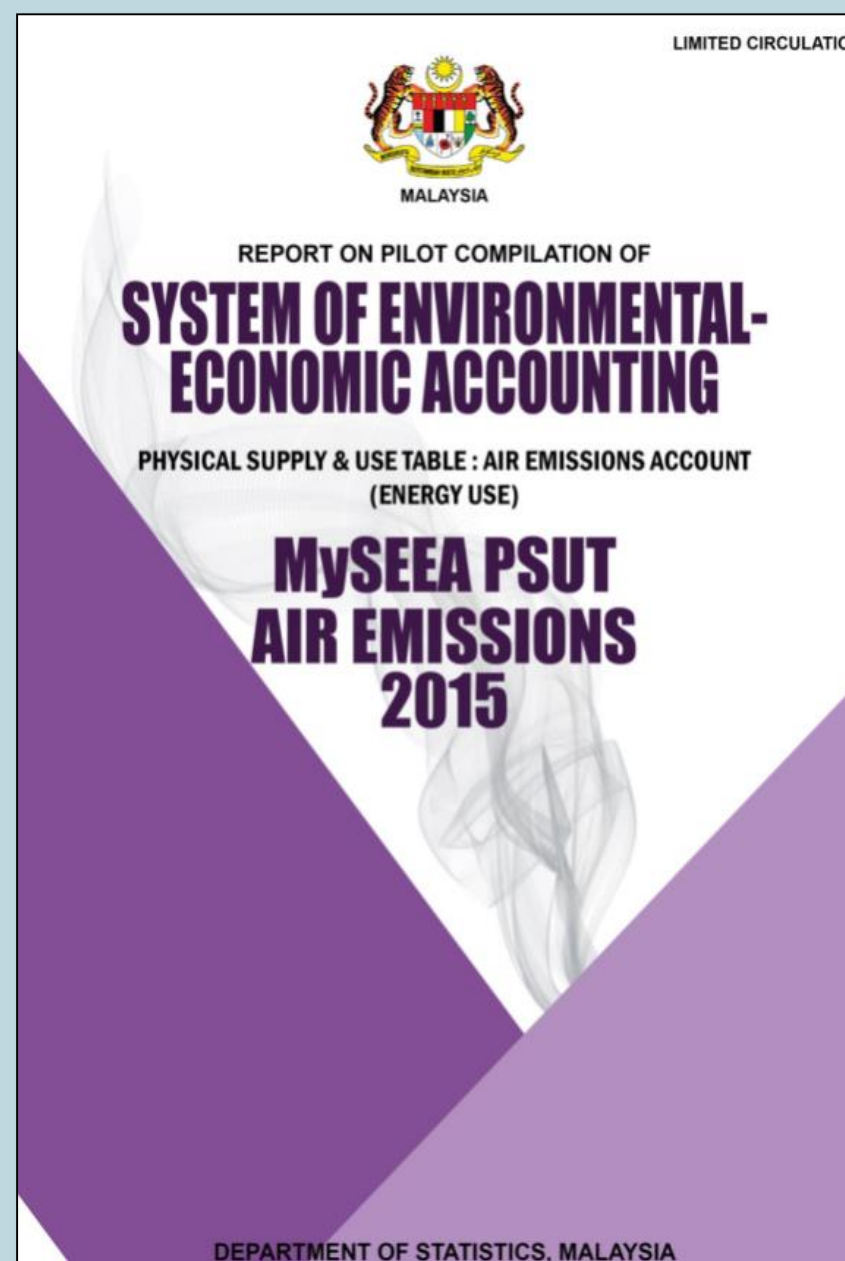


MySEEA PSUT Air Emission only covered energy use



The Supply & Use Table covers sector:

- Agriculture
- Mining & quarrying
- Manufacturing
- Construction
- Services
- Households



Components of MySEEA PSUT Air Emissions:

i) Coverage of energy products

- Natural gas
- Coal and coke
- Liquefied Natural Gas (LNG)
- Petrol
- Diesel
- Fuel oil
- Liquefied Petroleum Gas (LPG)
- Kerosene

ii) **Types of green house gas (GHG)**

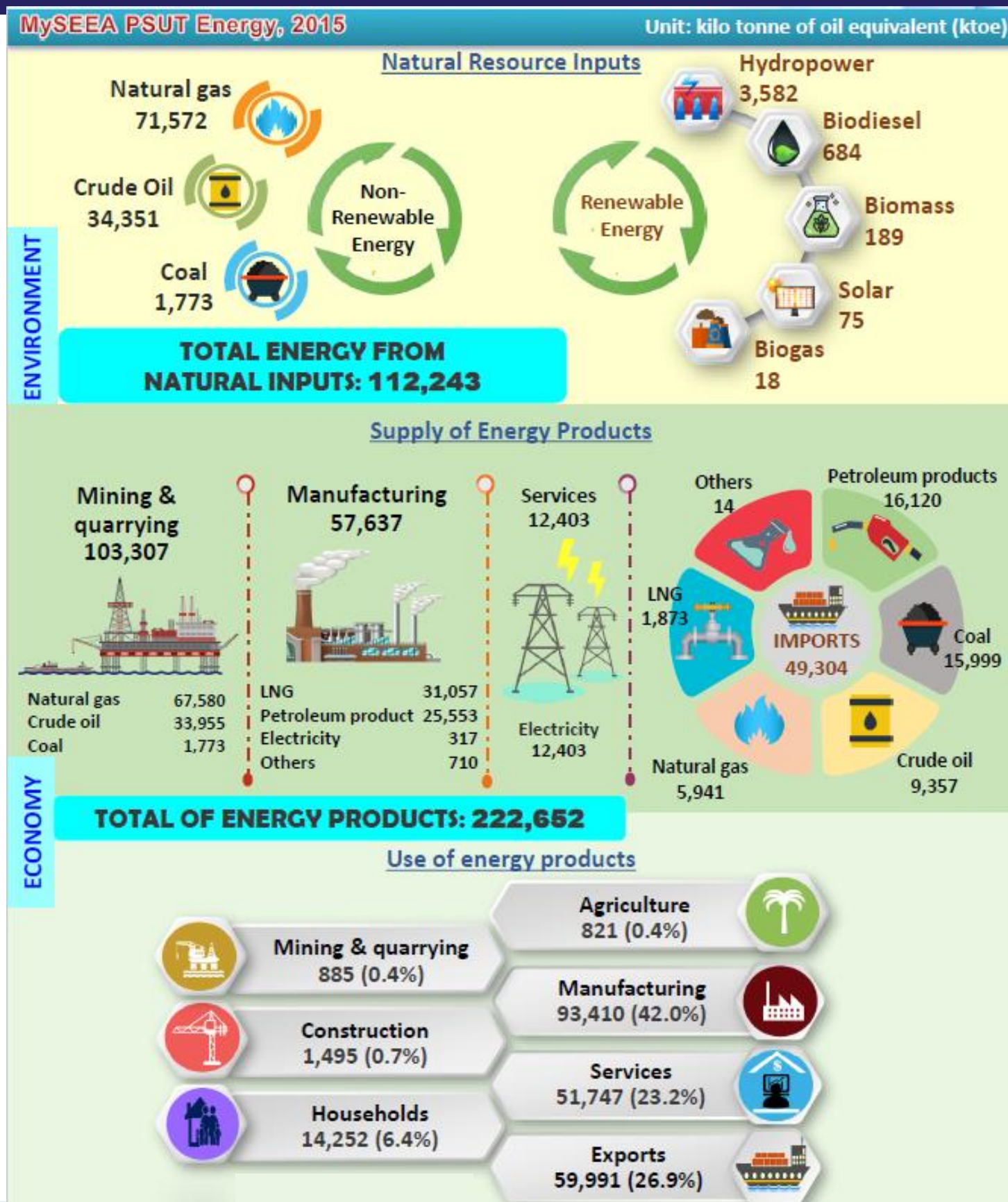
- Carbon dioxide
- Methane
- Nitrous oxides

PSUT ENERGY 2015





MySEEA PSUT-ENERGY ACCOUNT 2015



Energy Resources

NATURAL
RESOURCES

Natural
gas

Crude oil

Coal &
coke

RENEWABLE
RESOURCES

Hydro

Solar

Biomass

Biogas

Biodiesel

TRANSFORMATION
OF ENERGY
PRODUCTS

LNG

Petroleum
products

Electricity

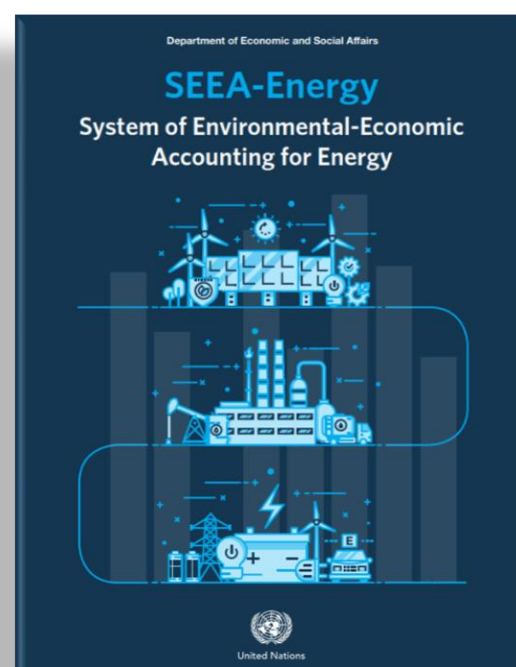


REFERENCES & DATA SOURCES

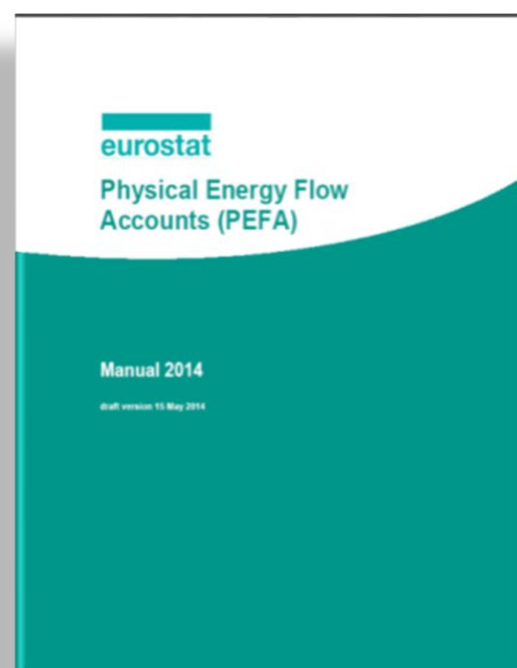
SEEA CENTRAL FRAMEWORK



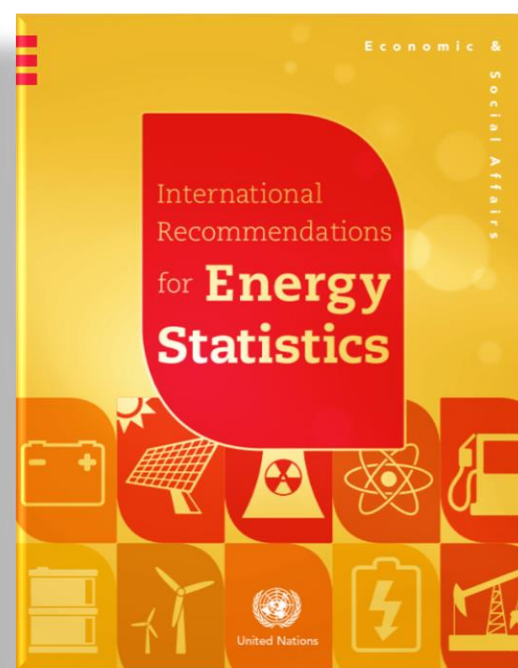
SEEA ENERGY



PEFA MANUAL



IRES



DATA SOURCES

Primary Data

*Input-Output
Tables, Malaysia*

Trade Data

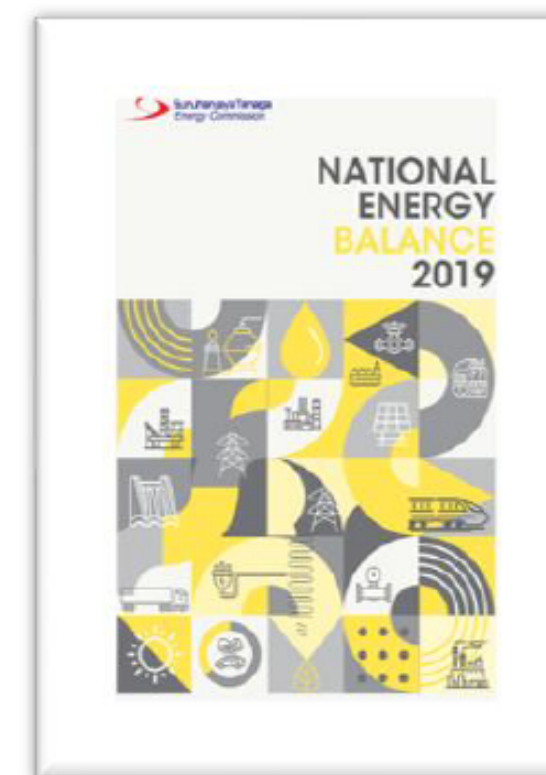
*Petroleum &
Natural Gas
Statistics*

Economic Census

*Household
Expenditure Survey*

*Census of
Distributive Trade*

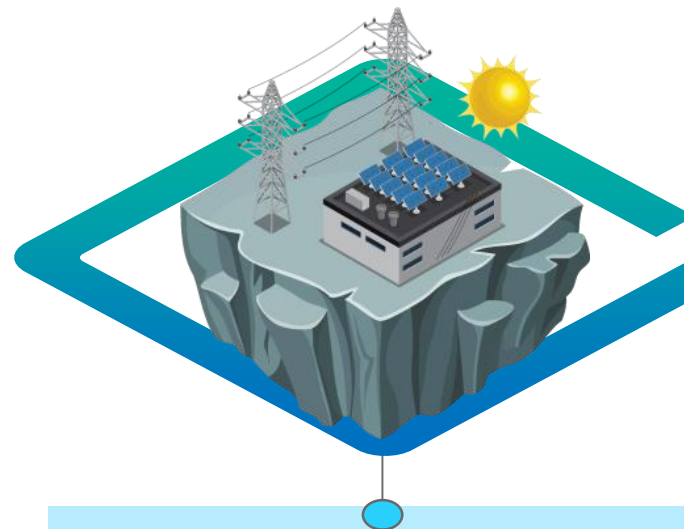
Secondary Data



National Energy Balance
Time lag : 2 years
Energy Commission

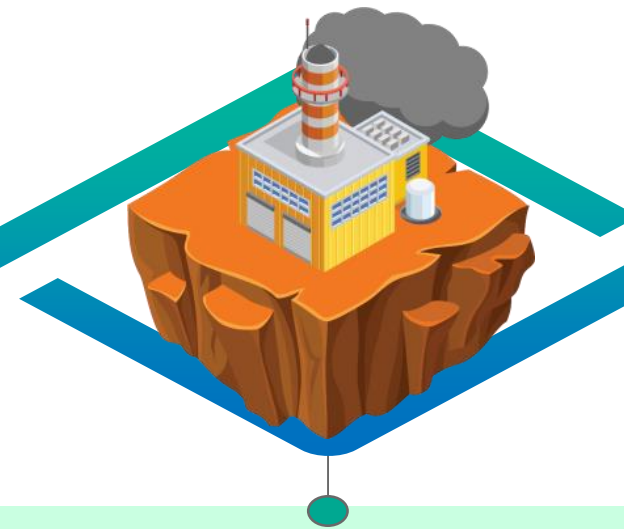


MySEEA *Extension* 2021-2025



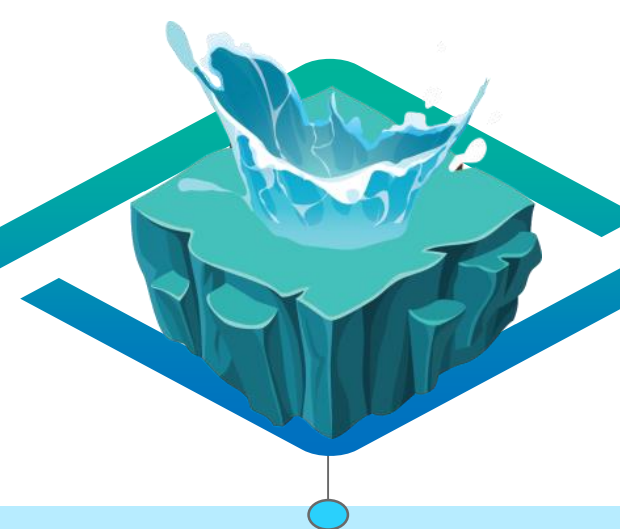
Energy

- MySEEA PSUT Energy
- Energy expanded to
124 sub –sectors
- MySEEA MSUT
Energy



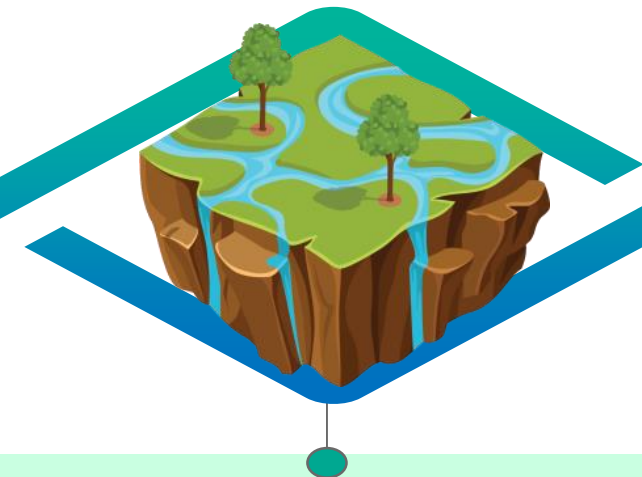
Air Emission

- MySEEA PSUT Air
Emission for Energy
Use



Water

- MySEEA PSUT
Water
- MySEEA Physical
Water Asset
Account
- MySEEA MSUT
Water



Land

- MySEEA Physical
Asset Account Land
(Land Use)
- Matrix MySEEA
Physical Asset Land
Account – Land
Cover and Use

ISSUES AND CHALLENGES



ISSUES AND CHALLENGES

- Insufficient of availability of data to support the SEEA accounts;
- Shortage of manpower and high staff turnover resulting in knowledge and expertise gaps;
- Various agencies for similar sets of data using different methodologies and definition; and
- Lack of training/courses and need more technical assistance.

"STATISTICS BLOOM IN HARMONY"

Doesn't matter far or near
Strength in numbers
we don't live in fear

Birds of feather flock together
Statistics our form of adour
We, will always live it up

So let us live in solidarity
And in the world arena we'll
succeed

It is statistics that will come to be
The reason we will bloom in
harmony

Everybody undivided
Data's where our hearts reside in
There will always be a bind

Just like fire that ignites
That's how brightly lit our dreams are
We'll reach higher than the stars

Sending love to one another
Leaving no one in a slumber
We will stand with unity

Mustering our courage while
Embracing our disparities
We'll achieve our victory

One dream with unity
One love with harmony



" STATISTICS BLOOM
IN HARMONY"
VIDEO

<https://bit.ly/StatisticsBloomInHarmony>

THANK YOU



20 OKTOBER



2016 - 2030



@StatsMalaysia