



MINISTRY OF ECONOMY
DEPARTMENT OF STATISTICS MALAYSIA



MALAYSIA IN COMPILING MySEEA PHYSICAL SUPPLY AND USE TABLE (PSUT) ENERGY ACCOUNT 2015 AND CLIMATE CHANGE INDICATORS

BY
DEPARTMENT OF STATISTICS MALAYSIA (DOSM)
DATE: 11TH -14TH APRIL 2023





WORKING GROUP COMMITTEE



Steering Committee
Chaired by
Ministry of Economy

Technical Committee
Chaired by
Deputy Chief Statistician

MySEEA Energy
Director
Agriculture and Environment Division , DOSM

MySEEA Air Emmission
Director
Agriculture and Environment Division , DOSM

MySEEA Air Water
Director
Agriculture and Environment Division, DOSM

MySEEA Land
Director
Agriculture and Environment Division, DOSM

Climate Change
Director, Ministry of Natural Resources,
Energy and Climate Change, NRECC

Disaster-Related Statistics Framework
Director
Agriculture and Environment Division, DOSM



MySEEA PSUT ENERGY 2015





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

1

Is a dynamic document that outlined policies/ programs/ 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

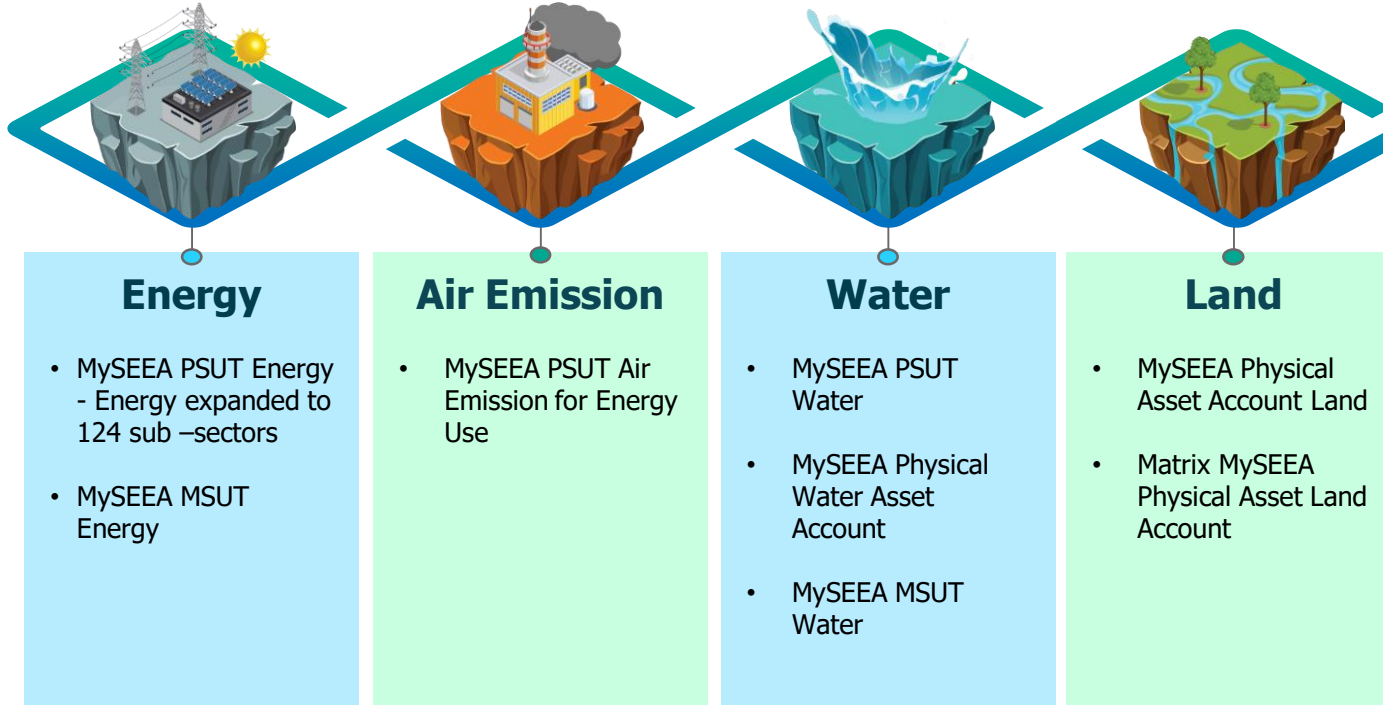
4

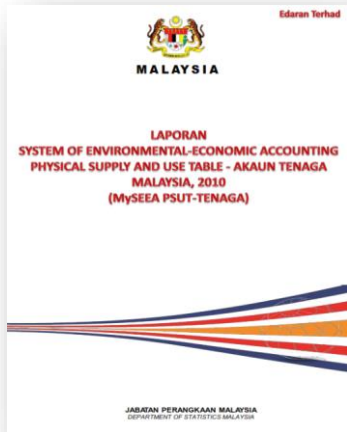
Coordination of the implementation of the roadmap SEEA with a 3-level structures consist of Steering committee, Technical Committee and Technical Working Group.

Roadmap for
System of Environmental-Economic
Accounting
2016-2020

MALAYSIA







Components of MySEEA PSUT Energy:

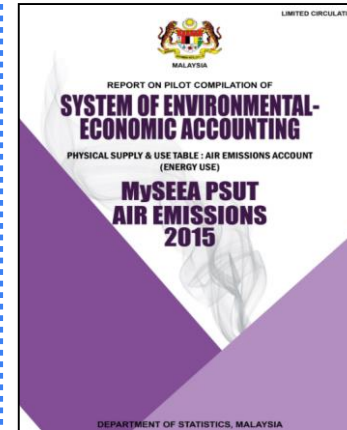
- i) Source of natural inputs
 - Non-renewable
 - Renewable
- ii) Product of Non-renewable energy
 - Natural gas
 - Crude oil
 - Coal and coke
- iii) Type of Renewable energy
 - Hydro power
 - Solar
 - Biomass
 - Biogas
 - Biodiesel
- iv) Use of energy product
 - Transformation
 - Final use

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



1st published in 2019 – limited circulation

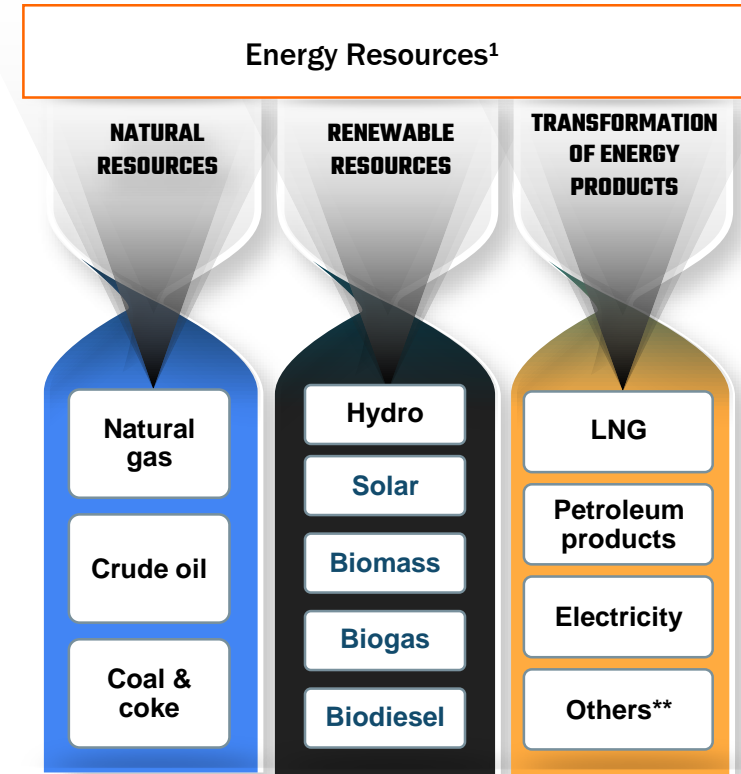
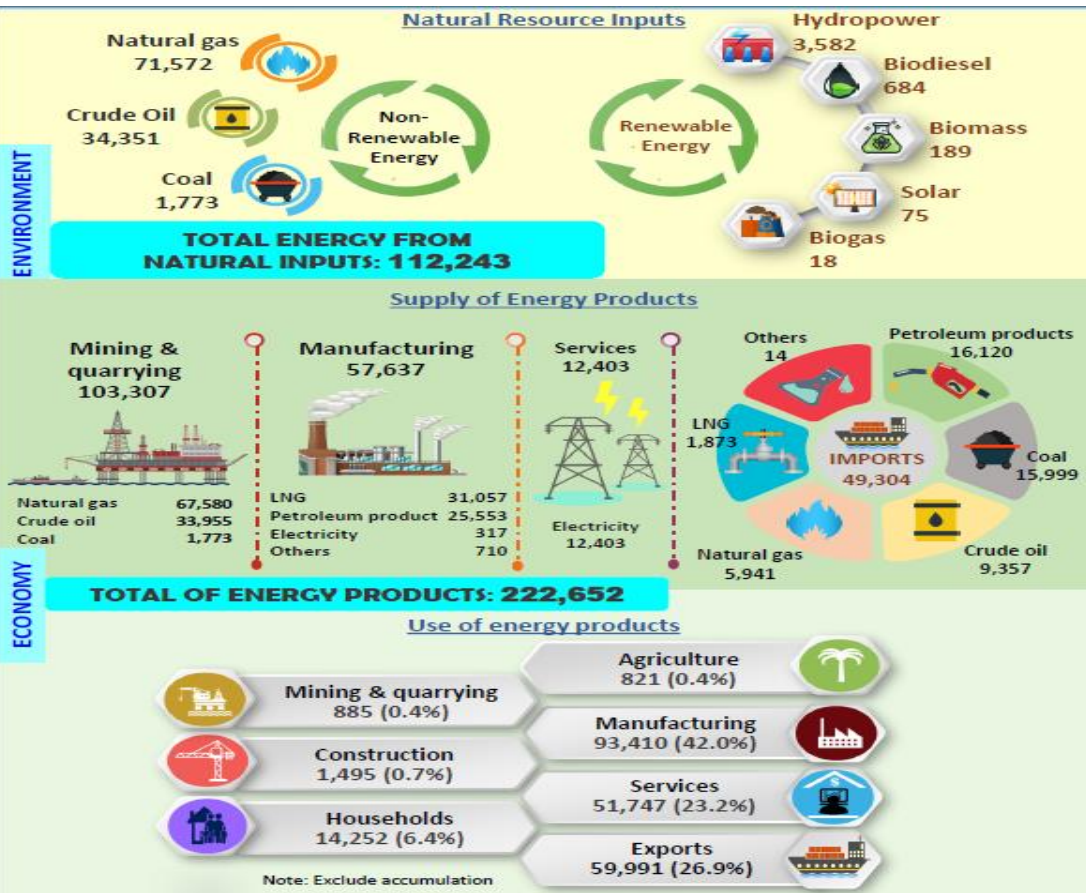
The Supply & Use Table covers sector:

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

MySEEA PSUT Air Emission only covered energy use

Components of MySEEA PSUT Air Emissions:

- i) Coverage of energy products
 - Natural gas
 - Coal and coke
 - LNG
 - Petrol
 - Diesel
 - Fuel oil
 - LPG
 - Kerosene
 - ATF & AV gas
- ii) Types of green house gas (GHG)
 - Carbon dioxide
 - Methane
 - Nitrous oxides



Note: ¹ Excluding reserve of energy resources

** Others refer to additive (which are used as refinery intake) e.g. imported Light Diesel, Crude Residuum & Middle East Residues.



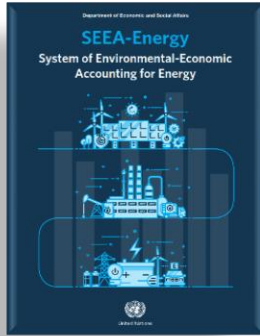
REFERENCES & DATA SOURCES



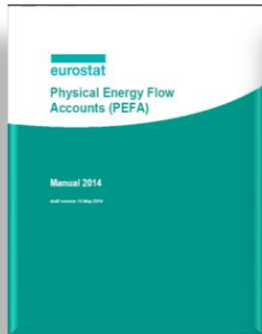
REFERENCES



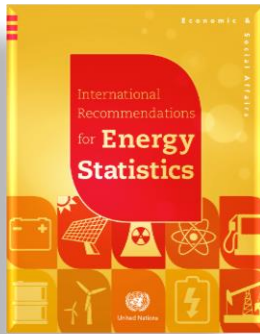
SEEA CENTRAL
FRAMEWORK



SEEA ENERGY



PEFA Manual



IRES

DATA SOURCES

Primary Data

*Input-Output
Tables, Malaysia*

Trade Data

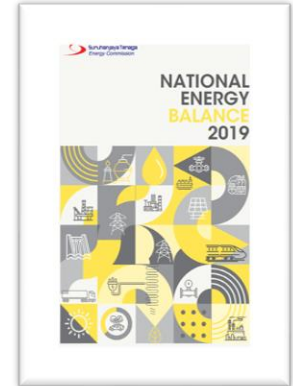
*Petroleum &
Natural Gas
Statistics*

Economic Census

*Household
Expenditure Survey*

*Census of
Distributive Trade*

Secondary Data



National Energy Balance
Time lag : 2 years
Energy Commission

IMPORTANCE OF MYSEEA ENERGY



To compile SDG Reporting

7 AFFORDABLE AND CLEAN ENERGY



Policy Making

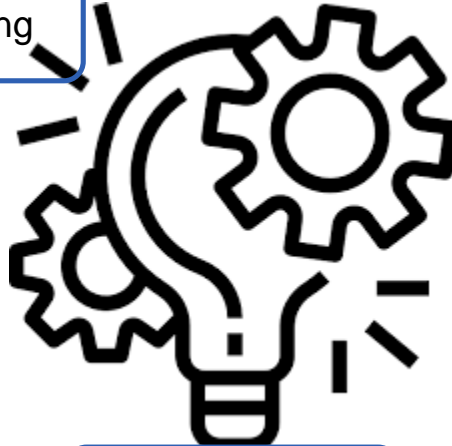


Pollution measurement



Disaster-Related Measurement

Climate Change Indicators



IMPORTANCE



Initiatives towards Green and Beyond GDP

IN COMPILING CLIMATE CHANGE INDICATORS





INTRODUCTION

9 June 2021 - The Department of Statistics Malaysia (DOSM) has been invited to submit input/feedback for the Draft Global Set of Climate Change Statistics and Indicators being developed by the United Nations Statistics Division (UNSD) following the acceptance of the mandate at the 47th UNSC session in 2016 for the use of various levels of the community

ORGANIZER



United Nations Statistics
Division (UNSD)



United Nations Framework
Convention on Climate
Change (UNFCCC)

OBJECTIVE

To develop a global set of climate change statistics and indicators tailored for all countries while ensuring that the needs of countries with less developed statistical systems are taken into account.

The Global Set will:

provide a comprehensive statistical framework with statistics, indicators and metadata, designed to support countries in preparing their own sets of climate change statistics and indicators according to their individual concerns, priorities and resources; and support the reporting requirements of countries under the Enhanced Transparency Framework and the Global Stocktake of the Paris Agreement, as well as climate-related SDG indicators.

RELATED SOURCES

FRAMEWORK DEVELOPMENT OF ENVIRONMENT STATISTICS – ENVIRONMENT
COMPENDIUM



134 INDICATOR / 47 THEMES

- GHG emissions
- GHG concentration
- Energy
- Fossil fuels
- Population
- Transport
- Forests
- Agriculture
- Urban areas
- Meteorology
- Water resources
- Biodiversity

- Temperature
- Precipitation
- Soil
- Species
- Ecosystems
- Fisheries
- Tourism
- Food
- Infrastructure
- Buildings
- Electricity
- Water

- Governance
- Expenditures
- Taxes
- Funding
- Prices
- Technology
- GHG removals
- Insurance
- Education
- Corporate reports
- Land
- Snow and ice

- Sea and coasts
- Water quality
- Disasters
- Health
- Air quality
- Waste
- Sanitation
- Poverty
- Indigenous population
- Disability
- Protected areas

"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 OCT

2016 -
2030

PSSN



StatsMalaysia

www.DOSM.gov.my

