STATISTICAL CAPACITY BUILDING (STATCAB) PROGRAMME
ONLINE TRAINING COURSE ON
‘SDG 7 (AFFORDABLE AND CLEAN ENERGY) INDICATORS

STATISTICAL FRAMEWORK OF SDG IN MALAYSIA AND
MOVING FORWARD TO SDG 2030

14 Mac 2023 (Tuesday)
Ms. Roslawati Yahya
Director
Manpower and Social Statistics Division
Department of Statistics Malaysia, DOSM
OUTLINE

01 IMPLEMENTATION OF SDG IN MALAYSIA

02 MALAYSIA SDG STATISTICAL FRAMEWORK

03 SDG INDICATORS, MALAYSIA REPORT

04 DOSM PARTICIPATION AT INTERNATIONAL LEVEL

05 EFFORTS TO REDUCE DATA GAPS

06 MOVING FORWARD
IMPLEMENTATION OF SDG IN MALAYSIA
IMPLEMENTATION OF SDG IN MALAYSIA

BACKGROUND OF MALAYSIA PLAN

Malaysia Plan (MP)

11MP, 2016-2020
MTR of the 11MP, 2018-2020
12 MP, 2021-2025
13 MP, 2026-2030

New priorities and emphases

National Transformation Policy, 2011-2020

New Economic Model (a high-income nation, inclusive and sustainable)

Restructuring the Development Priorities of Malaysia

Vision 2020

Shared Prosperity Vision, 2030

Holistic development (economically, politically, socially, spiritually, psychologically and culturally)

SDG Roadmap

PHASE 1 (2016-2020)

- Prioritising SDG according to 11MP
- National SDG Roadmap Phase I

PHASE 2 (2021-2025)

- Focus on post 2020 goals and targets
- Prioritising SDG according to 12MP
- National SDG Roadmap Phase II

PHASE 3 (2026-2030)

- Remaining goals and targets in line with Malaysia’s capacity and global role
- National SDG Roadmap Phase III
IMPLEMENTATION OF SDG IN MALAYSIA (cont’d)

REPORT OF SDG ROADMAP PHASE 1, VOLUNTARY NATIONAL REVIEW (VNR) AND VOLUNTARY LOCAL REVIEW (VLR)

2016 - 2020

- SDG Roadmap for Malaysia Phase 1: 2016 - 2020
- Malaysia Voluntary National Review (VNR) 2017
- Malaysia Voluntary National Review (VNR) 2021

2017

- Malaysia Voluntary National Review (VNR) 2021

2021

- Subang Jaya Voluntary Local Review 2021
- Shah Alam Voluntary Local Review 2021

https://www.urbanicemalaysia.com.my/publications
MALAYSIA SDG STATISTICAL FRAMEWORK
The current global indicator framework includes **248** SDG Indicators with **231** unique indicators.

**The global indicator framework** for Sustainable Development Goals was developed by the Inter-Agency and Expert Group on SDG Indicators (IAEG-SDGs) and agreed upon at the 48th session of the United Nations Statistical Commission held in March 2017.

- The indicator framework will be **refined annually and reviewed comprehensively by the Statistical Commission** at its fifty-first session in March 2020 and its fifty-sixth session, to be held in 2025.
- The global indicator framework will be complemented by indicators at the regional and national levels, which will be developed by Member States.
Set the direction of the implementation of the SDGs, set the national agenda and 'milestones' and report to the UN High Level Political Forum on Sustainable Development (Chief Minister Representative)

Monitor the progress of SDG implementation at the local level and report to the National SDG Council

Preparing the SDG Roadmap, monitoring the progress of SDG targets, identifying issues and reporting to the National SDG Council & SDG Steering Committee

Each Working Committee is represented by members from government ministries/ departments, state governments, UN agencies, the private sector, CSOs/ NGOs and academics.
DOSM SDG Task Force was established on 28th August 2017 which consists of five Working Committee Cluster by respective Division

**Goal 1**: No Poverty  
**Goal 10**: Reduced Inequalities

**Goal 3**: Good Health and Well-being  
**Goal 5**: Gender Equality  
**Goal 11**: Sustainable Cities and Communities

**Goal 4**: Quality Education  
**Goal 16**: Peace, Justice and Strong Institutions

**Goal 2**: Zero Hunger  
**Goal 6**: Clean Water and Sanitation  
**Goal 7**: Affordable and Clean Energy  
**Goal 12**: Responsible Consumption & Production  
**Goal 13**: Climate Action  
**Goal 14**: Life Below Water  
**Goal 15**: Life on Land

**Goal 8**: Decent Work and Economic Growth  
**Goal 9**: Industry, Innovation and Infrastructure  
**Goal 17**: Partnerships for the Goals

**Function of Task Force**

- Identify and establish a strategic technical framework between DOSM and other ministries / agencies involved in the development of SDG indicators.
- Review the development of SDG indicators for the purpose of research, planning and policy formulation by the government.

**Working Committee Cluster Inclusivity (Price Income & Expenditure Statistics Division)**
- Chairman  
  Chief Statistician

**Working Committee Cluster Well-being (Population & Demographic Statistics Division)**
- Working Committee Cluster Human Capital and Safety (Manpower & Social Statistics Division)

**Working Committee Cluster Environment & Natural Resources (Agriculture & Environment Statistics Division)**

**Working Committee Cluster Economic Growth (Industrial Production & Construction Statistics Division)**

**International Relationship**
- Director  
  Strategic Communication & International Division

**Information Management**
- Director  
  Information Management Division

**Training Management**
- Director  
  Institut Latihan Statistik Malaysia

- **Portal & Dashboard Development**
- **Capacity building**
- **Training**
ENGAGEMENT

ENGAGEMENT ROADMAP

- Main User Committee.
- The first & second collaboration session with ministries / agencies
- Internal meeting at DOSM

2015
- Collaboration session (one to one) with related agencies
- SDG Steering Committee No.1/2016

2016
- Workshop with Cluster Working Group
- Collaboration session (one to one) with related agencies
- DOSM SDG Task Force meeting

2017
- Workshop with Cluster Working Group
- Collaboration session (one to one) with related agencies
- DOSM SDG Task Force meeting

2018
- Collaboration session (one to one) with related agencies
- Develop SDG Task Force at DOSM
- Task Force SDG Workshop

2019
- Collaboration session (one to one) with related agencies
- DOSM SDG Task Force meeting

2020
- Collaboration session (one to one) with related agencies
- SDG M&E project
- SDG Indicators Development Workshop
- DOSM SDG Task Force meeting

2021
- Collaboration session (one to one) with related agencies
- Collaboration with IRDA, Urbanice dan APPGM in localizing SDG

2022
- Collaboration session (one to one) with related agencies
- DOSM SDG Task Force meeting
### Cluster 1
1. Ministry of Home Affairs
2. National Registration Department
3. Parliament of Malaysia

### Cluster 2
4. Ministry of Health Malaysia
5. PLANMalaysia

### Cluster 3
6. National Disaster Management Agency, Malaysia
7. Ministry of Education Malaysia
8. Royal Malaysia Police
9. Ministry of Housing and Local Government
10. Department of Veterinary Services
11. National Population and Family Development Board (NPFDB)
12. Ministry of Women, Family and Community Development
13. Ministry of Foreign Affairs
14. Public Service Department Malaysia
15. National Anti-drugs Agency
16. Department of Social Welfare Malaysia
17. Malaysian Prison Department
18. Public Complaints Bureau
19. Social Security Organisation
20. Malaysian Anti-Corruption Commission
21. Human Rights Commission of Malaysia
22. National Strategic Office Council for Anti-Trafficking In Persons and Anti-Smuggling of Migrants

### Cluster 4
23. Minister of Environment and Water of Malaysia
24. Department of Fisheries
25. Department of Environment Malaysia
26. Energy Commission
27. Ministry of Energy and Natural Resources
28. Ministry of Science, Technology and Innovation
29. Department of Wildlife and National Parks Peninsular Malaysia
30. National Water Services Commission
31. National Solid Waste Management Department
32. Ministry of Agriculture and Food Industries

### Cluster 5
33. Economic Planning Unit Prime Minister’s Department
34. Ministry of Finance Malaysia
35. Bank Negara Malaysia
36. Malaysian Communications and Multimedia Commission
37. Department of Occupational Safety & Health
38. Ministry of Transport Malaysia
39. Public Private Partnership Unit, Prime Minister’s Department

---

**39 Agencies + DOSM**
DATA COLLECTION PROCESS

START

Data application (email) (Mei – Jun)

Data acceptance (email) (July – October)

DATA CHECKING

Consistent?

Yes

40 Agencies

PUBLICATION

Data entry

QUALITY OF DATA:
✓ Consistency of the data
✓ Reliable
✓ Comparable
✓ Representative
✓ Structure of Metadata

40 Agencies

Approval:
✓ Inter Agency Planning Group (IAPG)
✓ Publication Committee

No

Inquiries to data provider agencies

MALAYSIA SDG STATISTICAL FRAMEWORK (cont’d)
SDG INDICATORS, MALAYSIA REPORT
<table>
<thead>
<tr>
<th>No.</th>
<th>Country/ NSO</th>
<th>No. of Indicators</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Malaysia : Jabatan Perangkaan Malaysia (DOSM)</td>
<td>2022: 175</td>
</tr>
<tr>
<td>2</td>
<td>Philippines: Philippine Statistics Authority</td>
<td>2022: 155</td>
</tr>
<tr>
<td>3</td>
<td>Singapore: Department of Statistics Singapore</td>
<td>2022: 121</td>
</tr>
<tr>
<td>4</td>
<td>Indonesia: Badan Pusat Statistik; dan Badan Perencanaan Pembangunan Nasional (BAPPENAS)</td>
<td>2021: 135</td>
</tr>
<tr>
<td>5</td>
<td>Mongolia National Statistics Office Of Mongolia</td>
<td>2021: 113</td>
</tr>
<tr>
<td>6</td>
<td>Australia : Australia Government</td>
<td>2021: 118</td>
</tr>
<tr>
<td>8</td>
<td>Canada: Statistics Canada</td>
<td>2021: 139</td>
</tr>
<tr>
<td>9</td>
<td>Netherlands: Statistics Netherlands</td>
<td>2020: 171</td>
</tr>
<tr>
<td>10</td>
<td>United Kingdom: The Office for National Statistics</td>
<td>2021: 204</td>
</tr>
<tr>
<td>11</td>
<td>Germany</td>
<td>2022: 204</td>
</tr>
</tbody>
</table>
SDG INDICATORS, MALAYSIA REPORT

AVAILABILITY STATUS

**2019**
- Available indicators: 99 (41%)
- Out of 244 Indicators

**2020**
- Available indicators: 128 (52%)
- Out of 247 Indicators

**2021**
- Available indicators: 146 (59%)
- Out of 247 Indicators

**2022**
- Available indicators: 175 (71%)
- Out of 248 Indicators
175 (71%) Available indicators
National Level
Out of 248 Indicators

20 Available indicators
Administrative District Level
Out of 248 Indicators

Executive Summary
People Focus Areas
Prosperity Focus Areas
Planet Focus Areas
Peace and Partnership Focus Areas

SDG Indicators, 2021:
1 Executive Summary Report; and
4 Report based on 5 Focus Area.

Published on 7 December 2022
AVAILABILITY STATUS OF SDG INDICATORS BASED ON PUBLICATION OF SDG INDICATORS, MALAYSIA 2020 AND 2021 BY GOALS
### SDG INDICATORS, MALAYSIA REPORT (cont’d)

<table>
<thead>
<tr>
<th>Goal</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>Total indicators</th>
</tr>
</thead>
<tbody>
<tr>
<td>1: No poverty</td>
<td>5</td>
<td>8</td>
<td>8</td>
<td>10</td>
<td>13</td>
</tr>
<tr>
<td>2: Zero Hunger</td>
<td>4</td>
<td>7</td>
<td>7</td>
<td>8</td>
<td>14</td>
</tr>
<tr>
<td>3: Good Health and Wellbeing</td>
<td>12</td>
<td>24</td>
<td>25</td>
<td>25</td>
<td>28</td>
</tr>
<tr>
<td>4: Quality Education</td>
<td>6</td>
<td>9</td>
<td>11</td>
<td>12</td>
<td>12</td>
</tr>
<tr>
<td>5: Gender Equality</td>
<td>6</td>
<td>6</td>
<td>7</td>
<td>10</td>
<td>14</td>
</tr>
<tr>
<td>6: Clean Water and Sanitation</td>
<td>3</td>
<td>4</td>
<td>4</td>
<td>5</td>
<td>11</td>
</tr>
<tr>
<td>7: Affordable and Clean Energy</td>
<td>2</td>
<td>3</td>
<td>3</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>8: Decent Work and Economic Growth</td>
<td>9</td>
<td>10</td>
<td>11</td>
<td>11</td>
<td>16</td>
</tr>
<tr>
<td>9: Industry, Innovation and Infrastructure</td>
<td>9</td>
<td>10</td>
<td>11</td>
<td>11</td>
<td>12</td>
</tr>
<tr>
<td>10: Reduce Inequalities</td>
<td>3</td>
<td>5</td>
<td>5</td>
<td>7</td>
<td>14</td>
</tr>
<tr>
<td>11: Sustainable Cities and Communities</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>12</td>
<td>15</td>
</tr>
<tr>
<td>12: Responsible Consumption and Production</td>
<td>4</td>
<td>4</td>
<td>8</td>
<td>8</td>
<td>13</td>
</tr>
<tr>
<td>13: Climate Action</td>
<td>4</td>
<td>4</td>
<td>6</td>
<td>6</td>
<td>8</td>
</tr>
<tr>
<td>14: Life Below Water</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>7</td>
<td>10</td>
</tr>
<tr>
<td>15: Life on Land</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>7</td>
<td>14</td>
</tr>
<tr>
<td>16: Peace, Justice and Strong Institutions</td>
<td>5</td>
<td>6</td>
<td>10</td>
<td>15</td>
<td>24</td>
</tr>
<tr>
<td>17: Partnership for The Goals</td>
<td>13</td>
<td>14</td>
<td>16</td>
<td>17</td>
<td>24</td>
</tr>
</tbody>
</table>

**Jumlah Indikator**

| 99 / 244 | 128 / 247 | 146 / 247 | 175 / 248 | 248 |
SDG INDICATORS, MALAYSIA REPORT (cont’d)

STATUS OF SDG INDICATORS, MALAYSIA, 2021

2021 (OUT OF 248 GLOBAL INDICATORS)

- 71% AVAILABLE INDICATORS (175 indicators)
- 29% NOT AVAILABLE INDICATORS (73 indicators)

- 46% Full Fledge indicators (113 indicators)
- 11% Partially Available indicators (27 indicators)
- 14% Proxy Available indicators (35 indicators)
- 7% Not Available indicators (17 indicators)
- 6% Not Relevant indicators (15 indicators)
Survey Data:

- SDG 9.1.1: Proportion of the rural population who live within 2 km of an all-season road.

Admin Data

- SDG 11.1.1: Proportion of urban population living in slums, informal settlements or inadequate housing.

- SDG 11.2.1: Proportion of population that has convenient access to public transport, by sex, age and persons with disabilities.

Geospatial Data

- SDG 11.7.1: Average share of the built-up area of cities that is open space for public use for all, by sex, age and persons with disabilities.
### SDG Report, Malaysia

<table>
<thead>
<tr>
<th>Available Indicators (National level)</th>
<th>Indicators with disaggregation</th>
<th>Available Indicators (District level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018 99/244 (40.6%)</td>
<td>49 (49.5%)</td>
<td>-</td>
</tr>
<tr>
<td>2019 128/247 (51.8%)</td>
<td>70 (54.7%)</td>
<td>18</td>
</tr>
<tr>
<td>2020 146/247 (59.1%)</td>
<td>73 (50.0%)</td>
<td>19</td>
</tr>
<tr>
<td>2021 175/248 (70.6%)</td>
<td>91 (52.0%)</td>
<td>20</td>
</tr>
</tbody>
</table>

### Data Disaggregation

<table>
<thead>
<tr>
<th>No.</th>
<th>Disaggregation</th>
<th>Total indicators, 2018</th>
<th>Total indicators, 2019</th>
<th>Total indicators, 2020</th>
<th>Total indicators, 2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>State</td>
<td>44</td>
<td>61</td>
<td>63</td>
<td>76</td>
</tr>
<tr>
<td>2</td>
<td>District</td>
<td>0</td>
<td>18</td>
<td>19</td>
<td>20</td>
</tr>
<tr>
<td>3</td>
<td>Strata</td>
<td>11</td>
<td>15</td>
<td>15</td>
<td>16</td>
</tr>
<tr>
<td>4</td>
<td>Sex</td>
<td>13</td>
<td>20</td>
<td>21</td>
<td>27</td>
</tr>
<tr>
<td>5</td>
<td>Age</td>
<td>3</td>
<td>5</td>
<td>6</td>
<td>8</td>
</tr>
<tr>
<td>6</td>
<td>Education</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>
DOSM PARTICIPATION AT INTERNATIONAL LEVEL
**DOSM PARTICIPATION AT INTERNATIONAL LEVEL**

- **Member of Inter-Agency Expert Group (IAEG) SDG at Asia Pacific Region (2019-2021, 2021-2023)**
  - Contributed to the review of ‘2020 Comprehensive Review Proposal’, UN.
  - Regularly review methodological developments and issues related to the indicators and their metadata.

- **Member of Working Group on Geospatial Information (WGGI) for IAEG SDG (2020-current)**
  - Provide expertise and advice to the IAEG-SDGs and the larger statistical community as to how geospatial information, Earth observations and other new data sources can reliably and consistently contribute to the indicators.

- **Metadata sub-group member of IAEG-SDG (2020-current)**
  - Contributed to metadata review for Goal 8,9 and 17.

- **Member of Task Team on Sustainable Tourism (2022-current)**
  - Contributed to develop a detailed proposal for sustainable tourism indicators to better monitor Target 8.9.

- **Member of Working Group on the Sustainable Development Goals Indicators (WGSDGI) (2018-current)**
  - Contributed to the development of ASEAN SDG Indicators.
  - Contributed input in ASEAN SDG Baseline Indicators 2020.
EFFORTS TO REDUCE DATA GAPS
### EFFORTS TO REDUCE DATA GAPS

#### EFFORTS TO INCREASE THE AVAILABILITY OF MALAYSIA’S SDG INDICATORS

<table>
<thead>
<tr>
<th>1</th>
<th>National Household Indicators Survey (NHIS) 2021</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• Comprises of 22 SDG indicators (Goal 2, 4, 5, 6, 7, 9, 10, 11, 12 and 16)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2</th>
<th>Coverage of SDG Indicators in the Population and housing census of Malaysia 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• Results from the Census 2020 will contribute to the increase of 15 SDG Indicators</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3</th>
<th>Coverage of SDG indicators in the 2023 Economic Census</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• Coverage of questions related to the 10 SDG indicators in the 2023 Economic Census</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>4</th>
<th>Coverage of SDG indicators in the 2024 Agriculture Census</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• Coverage of questions related to 20 SDG indicators in the 2024 Agricultural Census.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>5</th>
<th>FAO Technical Assistance</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• Engagement with the Food and Agriculture Organization (FAO) in the development of SDG SDG 2.1.2 Prevalence of moderate or severe food insecurity in the population, based on the Food Insecurity Experience Scale (FIES).</td>
</tr>
</tbody>
</table>
New Data Sources

- Generate four new indicators using spatial data: SDG 9.1.1, 11.1.1, 11.2.1 and 11.7.1.

SDG Monitoring & Evaluation Project

- Collaboration with UNCT and UNICEF in providing a mechanism for the development of 34 SDG indicators through the SDG Monitoring and Evaluation Project in 2022.
MOVING FORWARD
MOVING FORWARD

01. To increase the SDG indicators at local level
02. To review Not Relevant indicators
03. Development of Partially Available and Proxy indicators to full fledge indicators
04. Reduce the data gaps through census and survey
"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

Muster our courage while
Embracing our disparities
We’ll achieve our victory

One dream with unity
One love with harmony


THANK YOU

www.DOSM.gov.my