

## 5. Emerging issues

### Items for discussion and decision:

#### 5(b) Data governance in a changing world

#### Document ESCAP/CST/2022/6 – Data governance in a changing world

<b>Statement provided by:</b> <b>BPS – Statistics Indonesia</b>
<b>Statement:</b> <p>BPS-Statistics Indonesia supports the committee on making a global guideline of Data Governance. It will be very helpful for all NSOs around the world, especially in Asia-Pacific region, to enrichment their data collection system from many sources, as well as managing it to guide the NSOs in maintaining public trusts in the era of data revolution.</p> <p><b>Data Revolution</b></p> <ol style="list-style-type: none"><li>1. BPS-Statistics Indonesia has started the R&amp;D on how to utilize high-frequency data collection i.e. big data either to create official statistics or to support official statistics. For example:<ol style="list-style-type: none"><li>a. Mobile Positioning Data for Tourism Statistics,</li><li>b. Open dataset of Google Mobility Index to get the statistics about Indonesia mobility especially during pandemic</li><li>c. Web crawling: to get statistics about job vacancy availability</li><li>d. Nighttime Lights Imagery: to predict poverty levels</li><li>e. Satellite Imagery for Land Cover Mapping</li></ol>BPS-Statistics Indonesia also published some books regarding Big Data.</li><li>2. BPS-Statistics Indonesia utilizes community-based data collection (crowd sourcing) in Village Loves Statistics Programme (Desa Cantik), which is collecting data by collaborating with villagers' representatives.</li></ol> <p><b>Data Governance</b></p> <ol style="list-style-type: none"><li>1. Indonesia has Indonesia One Data policy, where BPS-Statistics Indonesia has a role as statistical data steward. BPS-Statistics Indonesia is responsible to make sure that every ministry or other government agencies that produce statistics follow 4 principles of One Data, such as:<ol style="list-style-type: none"><li>a. Data must meet data standards</li><li>b. Data must have metadata</li><li>c. Data must meet data interoperability principles</li><li>d. Data must use Reference Code</li></ol></li></ol>

Indonesia One Data Forum has discussion about which data should be prioritized

2. The initiative to build a national data center is strengthened by the National Statistical System regulation (drafted document still on progress) which will stipulate that all data produced by ministries and government agencies must be managed in a centralized data-lake/data warehouse and it can be utilized or shared among stakeholders for the benefit of country development program.
3. BPS also makes serious efforts to improve statistical literacy, especially for mass media and civil society through public relations activities and for academia through Statistics Corner (*Pojok Statistik*) activities at several universities in Indonesia. This effort hopefully can shed light for data users on how to use and interpret data effectively and efficiently.

**Submitted on:**

8/22/2022