Annex I

Yogyakarta Declaration

The Committee of Experts on Big Data and Data Science for Official Statistics,

Recalling the mandate of the Committee of Experts on Big Data and Data Science for Official Statistics[1] to provide strategic vision, direction and coordination for a global programme on big data and data science for official statistics, including for the compilation of the Sustainable Development Goal indicators, and to promote the practical use of big data sources while building on existing precedents and finding solutions for the many existing challenges,

Recalling also the adoption of the Cape Town Global Action Plan for Sustainable Development Data[2] by the Statistical Commission at its forty-eighth session, in March 2017, to support the implementation of the 2030 Agenda for Sustainable Development,[3] which requires the collection, processing, analysis and dissemination of an unprecedented amount of data and statistics at the local, national, regional and global levels and by multiple stakeholders, and which requires the global statistical community to take action on the strategic area of modernizing and strengthening national statistical systems with a focus on modernizing governance and institutional frameworks, applying statistical standards and new data architecture for data sharing, exchange and integration, and facilitating the use of new technologies and new data sources in statistical production processes,

Reaffirming the Bogota Declaration of November 2017,[4] in which the Committee of Experts recommended that the United Nations Global Platform lower the threshold of entry for all statistical offices to collaborate on big data projects; bring together trusted data, methods, services and applications to be shared within the statistical community; and develop transparent partnership agreements with private and public sector organizations,

Reiterating the Kigali Declaration of May 2019,[5] in which the Committee of Experts recommended that the statistical community should have multiple regional hubs for big data in various parts of the world to execute joint activities, which will build capacity in the use of big data and data science for official statistics, working under a well-defined governance framework,

Reiterating the Seoul Declaration of the of September 2020[6] to encourage all stakeholder communities, including the private sector, to share data, methods, technology and learning materials on the United Nations Global Platform for the social good; promote the use of the Platform for the compilation of fast indicators to inform policies on emerging issues and key priority agendas; encourage all statistical institutes to use the capabilities of the Platform; and call on the statistical community to increase in-kind and financial contributions to ensure the sustainability of the Platform for the longer term,

1.   *Congratulates* BPS-Statistics Indonesia for the excellent hosting of the seventh International Conference on Big Data and Data Science for Official Statistics in Yogyakarta from 7 to 11 November 2022;

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[1] E/CN.3/2015/4, annex I.

[2] See *Official Records of the Economic and Social Council, 2022, Supplement No. 4*, decision 48/102. See also https://unstats.un.org/sdgs/hlg/cape-town-global-action-plan/.

[3] General Assembly resolution 70/1.

[4] E/CN.3/2018/8, annex II.

[5] E/CN.3/2020/24, annex II.

[6] E/CN.3/2021/14, annex.

2.   *Emphasizes* the importance of relevant and timely data to inform policymakers in addressing emerging issues in the economy, society and the environment, and encourages access to, and exploration of the use of, new data sources in partnership with the private sector and other stakeholder communities;

3.   *Urges* all stakeholder communities to support the regional and sector hubs for big data and data science in conducting project and training activities;

4.   *Calls upon* the geospatial community to collaborate with the statistical community to implement the Global Statistical Geospatial Framework into the methodological developments on big data and data science for official statistics;

5.   *Encourages* all statistical institutes to join the Data Science Leaders Network to collectively discuss strategic issues regarding the position and responsibilities of data science centres within national statistical systems;

6.   *Urges* all stakeholder communities to support the United Nations Privacy-enhancing Technologies Lab in the practical use of privacy-enhancing technologies, in promoting the benefits of privacy-enhancing technologies for official statistics and in enabling statistical institutes to implement privacy-enhancing technologies for accessing and sharing sensitive data.