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Bogota Declaration

4th Global Conference on Big Data for Official Statistics in Bogota, Colombia, 8-10 November 2017

Taking into consideration the recommendations contained in the Secretary-General's report of the *Independent Expert Advisory Group on a Data Revolution for Sustainable Development, entitled "A world that counts: mobilizing the data revolution for sustainable development", including:*

(a) *technology, innovation and analysis to establish a network of data innovation networks for leveraging and sharing data and data research;*

(b) *capacity-building and resources related to capacity-building and technology transfer, data literacy and resource mobilization through innovative financing mechanisms in partnership with the private sector; and*

(c) *governance and leadership related to partnerships and coordination between governments, the private sector, non-governmental organizations, the media and academia to promote good practices and principles in data sharing, open data and data rights.*

Recalling the adoption of the Cape Town Global Action Plan for Sustainable Development Data (see E/CN.3/2017/3) and the related outcome documents of the regional conferences on the Transformative Agenda (see E/CN.3/2017/5) by the Statistical Commission at its 48th session in March 2017.

Highlighting that the Cape Town Global Action Plan for Sustainable Development Data calls upon the global statistics system to take action on the strategic area of modernizing and strengthening the national statistical systems with a focus on the modernizing the governance and institutional framework, applying statistical standards and new data and information architecture for data sharing, exchange and integration; and facilitating the use of new technology and new data sources in statistical production processes

The Global Working Group at the 4th Global Conference on Big Data for Official Statistics in Bogota

Proposes:

to provide a major thrust for this strategic area of the Cape Town Action Plan on innovation and modernization by advancing global data collaboratives, facilitated by a global platform for trusted data, services and applications. These partnerships will innovate and help modernize official statistics and their use, ensure that access to data is democratized for the common good and to enable data driven transformation for better decision making, by facilitating access to trusted data for use at local, national and global levels;

that the global collaborative for trusted data, services and applications are conducted under the auspices and guidance of the United Nations Statistical Commission, in support of the global

community of official statistics by putting the national statistical systems of developed and developing countries at their heart;

that building on the best practices of private and public big data initiatives, and offering technology infrastructure and a network for data innovation to the official statistical community, the global collaborative should address the need for interconnected networks to facilitate:

(a) The exchange of ideas and methods for processing, analyzing and visualizing big data between official statisticians, data scientists and domain experts from the public and private sectors;
(b) The storage, sharing and exchange of big data, related processing, analytical and visualization methodologies, and services and applications for continuous development and reuse;
(c) The development, jointly between the official statistical community and private sector technology companies, of a trusted data architecture so different types of data can be shared safely and securely;
(d) Capacity building via a library of training materials and other resources, also conduct workshops on big data and new analytical techniques.

Underlines:

that the implementation of the global data collaborative should place the community of official statistics at the heart of modern trusted data usage and information technology.

that it will offer both developed and developing countries opportunities to realize the benefits of multi-source data, including big data, administrative data and survey data, to better understand economic, environmental and societal changes without investment in expensive technologies.

that the global collaborative for trusted data, services and applications will benefit all parties involved via synergies in sharing methods and data, creating a global culture of best practice and capability sharing.

Recommends:

that the global data collaboratives facilitated by the global platform will accommodate many different types of trusted data, services and applications and that through those means, the global data collaborative should work towards:

• Making it easy for all nations to gain value by participating in the global network;
• Delivering a business model and a flexible, cloud based technology infrastructure to allow data, services and applications to be shared as a public good;
• Developing transparent partnership agreements with private and public sector organizations so that network partners contribute and derive value in a way which is individually sustainable for all stakeholders.

Global Working Group assembled for the 4th Global Conference on Big Data for Official Statistics, Bogota November 2017.