# Key messages from training needs assessment

1. The assessment was based on desk research, and the interviews with the following NSOs that are members of the GIST Stakeholder Advisory Group, and the NSOs who are founding members:

* Brazil
* Hungary
* India
* Japan
* Mexico
* Morocco
* State of Palestine
* United States

1. The main conclusions of the review:

*General overview for the trainings in NSOs*

* 1. The NSOs interviewed have a national training plan which generally is yearly prepared according to their national needs and priorities. There is a demand driven approach on their national trainings which they organize.
  2. They also participate in international statistical trainings provided by international and regional organizations as well as internal trainings, however, in most of the NSOs interviewed, the large part of their trainings composes of the national statistical trainings.

*Main challenges*

* 1. The limited resources are main challenge for the training in official statistics. Financial sourcesat the NSOs and NSSs entities for capacity development hinders effective provision of training. This is particularly true for sending NSO staff to international training courses.
  2. Another challenge is the language in which international trainings in official statistics are offered. This emphasizes the need for training that takes into account regional requirements.

*Suggestions for improvements*

* 1. Trainings from international training institutes need to have an innovative approach and include the new trends and stimulating topics in addition to traditional courses that are already offered.
  2. Some priority topics include: administrative registers, new data sources including big data, data mining, strategic and managerial issues, communication with users, Sustainable Development Goals (SDGs) related topics, environmental statistics, data visualization, data analysis, and small area estimation.
  3. There is an increased need for more online training courses, online training materials and open sources.
  4. There is a need for the development of an electronic platform/gateway for sharing training programs and training materials
  5. A collection of best practices in offering training can be helpful for countries to learn from. Bringing practices from a diversity of regions and countries can especially encourage learning.

*Role of Global Network and Cooperation*

* 1. The cooperation and coordination among the GIST members in coordinating training is crucial in this regard. Donor coordination will allow better planning of trainings in the field of statistics and to avoid overlaps.
  2. A central listing of training—preferably on the GIST website—can help improve visibility of training courses from all GIST members.