Project Presentation: Innovative Approaches to Examining Inequality by Integrating Different Data Sources in Latin America and the Caribbean

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Background

• The implementation of the SDGs emphasizes "leaving no one behind" to overcome the inequalities that characterize the region.

• Inequalities have worsened due to the enormous impact of the Covid-19 pandemic on the economy and the living conditions of the population.

• Knowledge about inequalities is limited by the availability of information:
  – Household surveys underestimate inequality in income distribution, as they do not adequately capture the richest households.
  – Limited ability to provide disaggregated information for specific population groups and geographic areas.
  – Insufficient use of satellite data and geographic information to quantify and make inequalities visible.
Possibilities of the combined use of information sources

• Recent methodological developments to combine information from different data sources, such as household surveys, population censuses, administrative records or National Accounts.

• Use of satellite data and geographic information to produce statistics and representation of information through maps. In accordance with the Declaration on the Integration of Statistical and Geospatial Information between SCA-ECLAC and UN-GGIM: Americas.

• The availability of more and better information on inequalities is a valuable input for public policies that aim to correct them.
Project components

- Measurement of income inequality with data from Household surveys, tax records and National Accounts
- Integration of statistical and geospatial information
- Disaggregation of information through methodologies of small area estimation
Expected results

A. Integration of information sources to measure income inequality

- Promote agreements between the producers of the National Statistical Systems for the access and use of the necessary data sources
- Methodological guides on the measurement of income inequality by integrating sources
- Application of methodologies and publication of results

Strengthen national capacities to integrate different sources of official information for the measurement of income inequality
Expected results

B. Integration of statistical and geospatial information

- Reports on the adoption of geocoding methodologies based on the use of fundamental geospatial information to geocode statistical units
- National agreements between NSOs and National Geospatial Agencies
- Roadmaps with actions to integrate information following the 5 principles of the GSGF
- Geospatial platform with pilot exercise to disaggregate information on COVID-19 management and vulnerability analysis

Strengthen national capacities to integrate geospatial and statistical information, through the adoption of regional and global frameworks, standards and methodologies for evidence-based policies, to address the 2030 Agenda and to support the management of COVID-19.
Expected results

C. Disaggregation of information through SAE

Data disaggregation for populations of interest

Courses and trainings in SAE methodologies

Action plans for the disaggregation of SDG indicators by population subgroups

Application of methodologies and publication of results

Strengthen national capacities to produce disaggregated statistics into population subgroups, to support public policies for recovery after the COVID-19 pandemic, using small area estimation techniques (SAE)
Activities (2021-2023)

• Technical assistance and training missions.
• Expert meetings to discuss methodologies.
• National workshops with multiple actors, to identify needs and generate roadmaps.
• Regional workshops to share experiences and best practices.
• Training and education materials, online courses and publication of results.
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