

10th IAEG-SDGs meeting

**Integrating Geospatial Information to
the production of statistics**

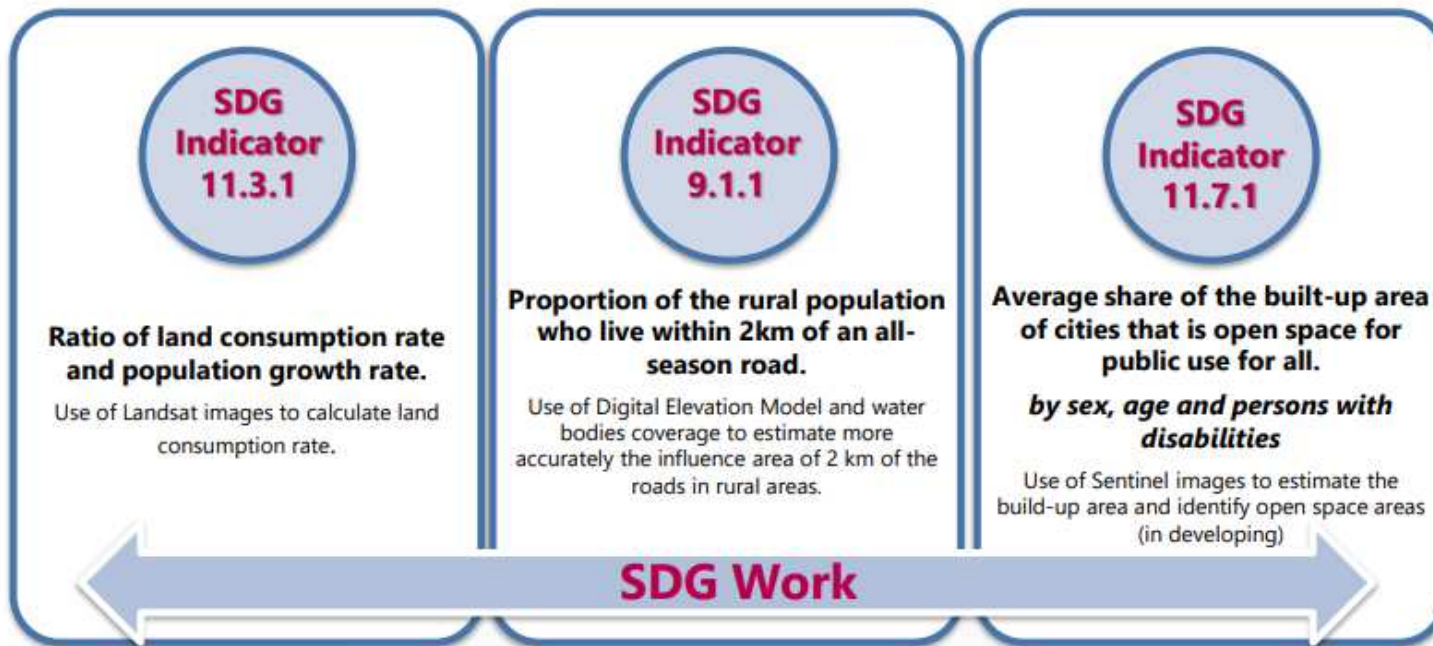
October 23th of 2019



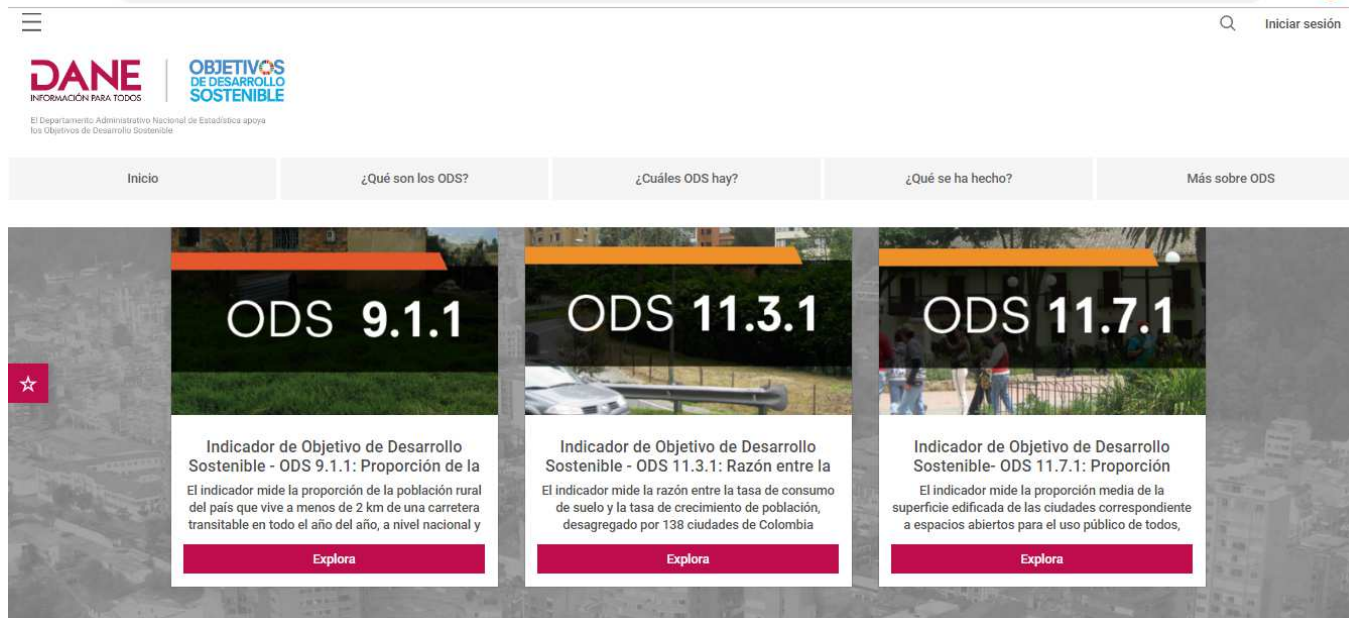
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**Gobierno
de Colombia**

Previous Work



Recent Work: GEOPORTAL - ODS



The screenshot shows the homepage of the DANE ODS portal. At the top, there is a navigation bar with a search icon and a 'Iniciar sesión' button. Below this, the DANE logo and the 'OBJETIVOS DE DESARROLLO SOSTENIBLE' logo are displayed. A horizontal menu contains five items: 'Inicio', '¿Qué son los ODS?', '¿Cuáles ODS hay?', '¿Qué se ha hecho?', and 'Más sobre ODS'. The main content area features three large cards for ODS 9.1.1, ODS 11.3.1, and ODS 11.7.1. Each card includes a title, a brief description of the indicator, and an 'Explora' button. A red star icon is visible on the left side of the ODS 9.1.1 card.

Inicio ¿Qué son los ODS? ¿Cuáles ODS hay? ¿Qué se ha hecho? Más sobre ODS

ODS 9.1.1
Indicador de Objetivo de Desarrollo Sostenible - ODS 9.1.1: Proporción de la población rural del país que vive a menos de 2 km de una carretera transitable en todo el año del año, a nivel nacional y

ODS 11.3.1
Indicador de Objetivo de Desarrollo Sostenible - ODS 11.3.1: Razón entre la tasa de consumo de suelo y la tasa de crecimiento de población, desagregado por 138 ciudades de Colombia

ODS 11.7.1
Indicador de Objetivo de Desarrollo Sostenible- ODS 11.7.1: Proporción media de la superficie edificada de las ciudades correspondiente a espacios abiertos para el uso público de todos,

[Explora](#) [Explora](#) [Explora](#)

<https://indexods-ec702-dane-ods.opendata.arcgis.com/>

Future Work: *Additional indicators*

At the moment, indicators 11.1.1 and 11.2.1 have already an internationally approved methodology.

For Colombia:

- Indicator 11.1.1: Until 2016, it had available data that could be found in the UNSD global SDG database. Currently we have identified part of information available but we still have some gaps to produce it.
- Indicator 11.2.1: No data availability and questions on concepts based on the metadata.

Metadata 11.1.1



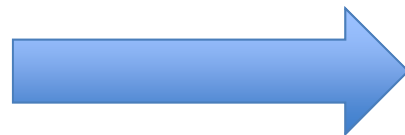
- Differences in the way criteria is applied (identification of neighborhoods / inadequate housing)
- Differences on 11.1.1, 6.1.1 and 6.2.1 concepts
- Which dataset and periodicity should be applied

Future Work: *Specify needs*

Metadata 11.2.1



- It does not specify the measurement of attributes related to: optimal frequency of service, sensitive to needs (inclusive), safe and comfortable stops
- It requires previously delimiting the transport stops. We do not possess such information for all urban zones.
- Not all cities in Colombia have integrated transportation systems. It could useful to acknowledge some native/local transport systems.



NEXT STEP ... work plan

... Beyond SDG indicators

Geospatial information as part of the statistical production



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DANE advances taking into account the guide of the UN NQAF

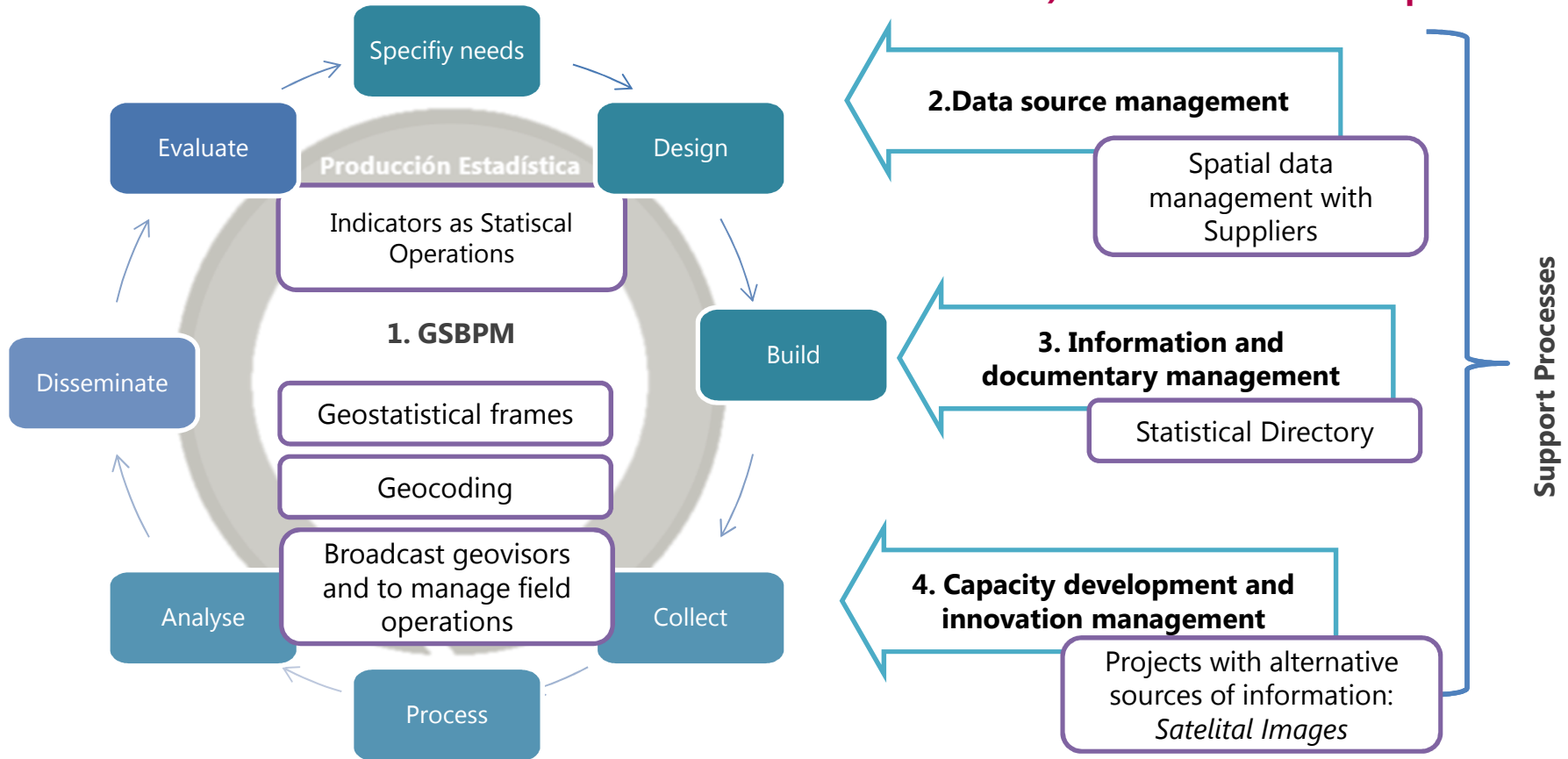


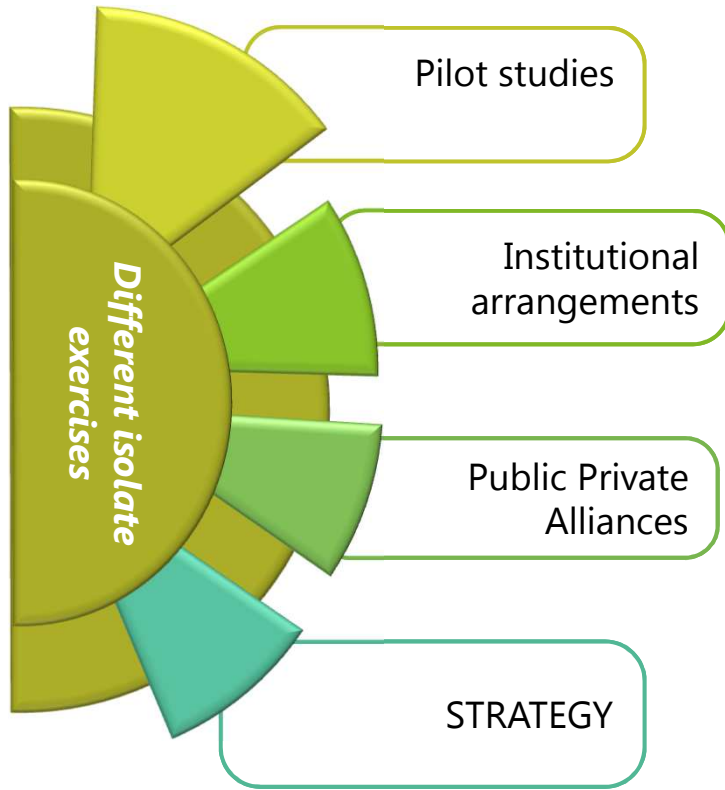
Quality of indicators

At national level

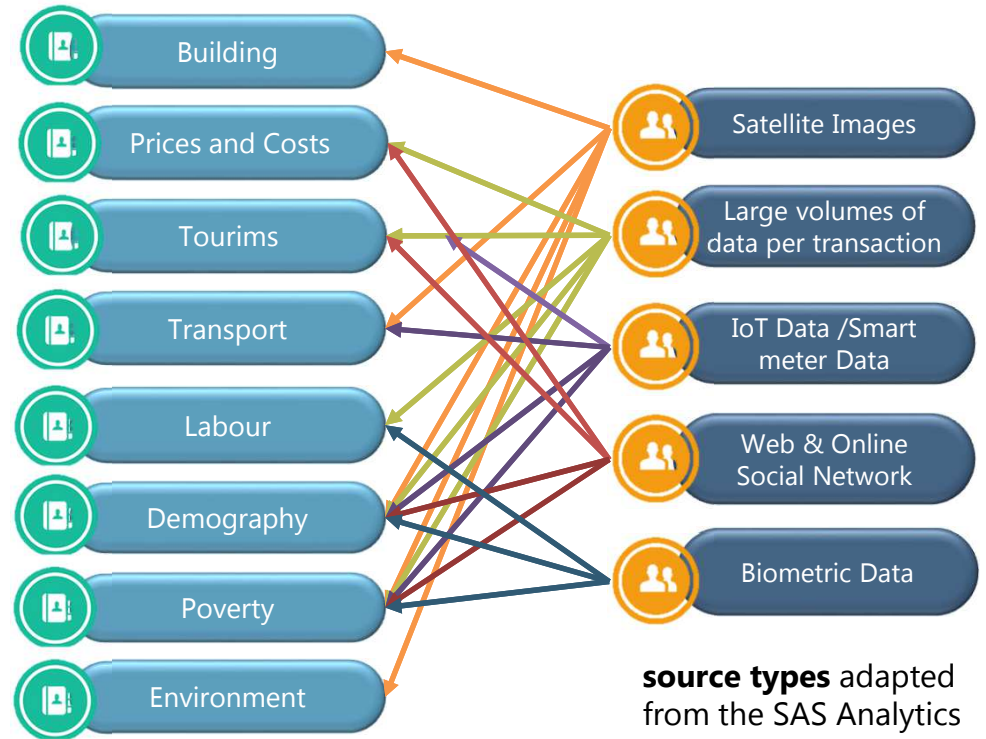
- The policy national policy document (CONPES 3918) states that DANE must evaluate the quality of statistical operations, source of the SDG indicators.
- NSS (v.2) was approved in the National Development Plan 2018-2022 states that:
 - National entities must implement improvement plans aligned with the NSO advice.
 - National statistical office as responsible for the collection of information from national indicators

Participation of DIG (Geostatistics Technical Direction in DANE) in characterization of processes





We take the general framework of UNECE to work with alternative data sources.



Alternative Sources of Information

source types adapted from the SAS Analytics classification

Additional work

- Geospatial information as a tool for having disaggregated data at subnational level.
- Integrate the analysis of disaggregations
 - Groups of population
 - Data at a subnational level

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THANK YOU!

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