



< **Use of innovative data sources, methods, and technologies in Colombia under Data4Now initiative** >

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**Abstract:**

<Colombia's National Administrative Department of Statistics (DANE) is leading the implementation of the Data4Now initiative in the country, which seeks to leverage innovative data sources, technologies and methods for the production and dissemination of better, more timely and disaggregated data for sustainable development. DANE is working to streamline the integrated use of administrative records, geospatial information, social media and other alternative sources alongside the traditional sources (population census and household survey) for producing information to support policy and decision making. Some thematic areas were prioritized, including indicators on poverty from SDG1, calculations on access to education services and indicators related to SDG4, as well as measures on perceptions of inclusion, discrimination and harassment related to SDG16. The initiative's innovative approach includes the use of a modern data lake infrastructure and the definition of new data flows and data protocols, which enable the multi-disciplinary teams from DANE to reinforce skills and to acquire new ones, in line with processes to strength the statistical capacity. It is expected that data availability on prioritized SDGs increase; since indicators with no previously available data have a workplan to be produced, while other indicators could be produced with less periodicity and greater granularity.>

**Keywords:**

<Education>; <Data for Development>; < Data Infrastructure>; <Colombia>; <D4N>