Where do Colombia and Peru stand on Sustainable Development Goals (SDGs)?

**Background**

World leaders committed to tackle multiple and complex challenges humankind is facing to ensure human well-being, economic prosperity and environmental protection by endorsing the Sustainable Development Goals (SDGs) to be achieved by 2030. The SDGs aim to leave no one behind. The seventeen SDGs consist of a combination of 169 social, economic and environmental targets in total, to be reached by 2030.

We identify the SDGs that require alternative pathways to be met by 2030. For this, our analysis focuses on finding out which of the SDGs will be feasible to reach by 2030 under a business as usual scenario. Further, we figure out the degree of compatibility of the SDG targets by conducting correlation analysis among pairs of SDG targets based on the available data.

Under a business as usual scenario, Colombia may reach seven SDGs whereas Peru may only reach four SDGs. In both countries, some indicators may develop in the opposite direction, moving away from the targets. Thus, Colombia and Peru require additional efforts and in some cases alternative pathways to meet the SDGs.

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**Fig. 1**

Top: Attainability of SDGs under a business as usual scenario for Colombia (left) and Peru (right) by 2030 in comparison to where the country stands now based on the recent data (2015) and in 2000. SDGs are denoted by “G” and “I” represents the used indicator. The red lines depict SDG targets which are represented by value 1 after normalization. A value greater than one for an indicator is obtained when it exceeds the target. The black bar represents 95% confidence interval to estimate uncertainty.

Bottom: Compatibility of different SDG targets estimated using correlation analysis using available historical data for the indicators. Missing values are represented by gray color. Positive values represent compatibility of the target pair and negative values shows that the target pair are incompatible based on historical data.

**Fig. 2**

Estimated development of SDG Index for Colombia and Peru. The SDG index is used to understand overall performance of the countries on achieving the SDGs. Overall Colombia may make progress towards attaining SDGs but not sufficient to meet all the targets. However, Peru’s overall performance may slightly go towards opposite direction rather than achieving the SDGs.