



# Green Growth Index

## Green Growth Performance Measurement (GGPM)

[greengrowthindex.gggi.org](http://greengrowthindex.gggi.org)

QUARTERLY  
INFOBRIEF no. 1

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“What is really interesting and important about GGGI’s Green Growth Index is that it gives countries a chance to easily track how well they are doing in becoming green... These kinds of performance measures are quite valuable as organizations like GGGI work to help countries strengthen their policies and investments in areas where they need the most help.”  
-Frank Rijsberman, GGGI Director-General



Panel discussion for the launch of the Green Growth Index during the Global Green Growth Week in Seoul, RO Korea, on 23 October 2019, (from left) with the GGPM Program Manager, Dr. Lilibeth Acosta, and leading international experts Mr. Fulai Sheng (UNEP), Ms. Kumi Kitamori (OECD), Mr. Gerald Esambe (AfDB), and Mr. Benjamin Simmons (GGKP).

### HIGHLIGHTS

In 2019, the Global Green Growth Institute (GGGI) launched its first benchmarked Green Growth Index to show how countries perform in using and protecting natural resources for a sustainable future and in creating economic opportunities for an inclusive society. The Index is framed on four closely interlinked dimensions – **efficient and sustainable resource use, natural capital protection, green economic opportunities, and social inclusion**. It is concept-driven, expert-guided, and policy relevant.

Twenty-one indicators of the Green Growth Index are from the Sustainable Development Goals (SDGs). The remaining 15, while not SDG indicators, contribute to achieving SDGs, Paris Climate Agreement, and Aichi Biodiversity Targets. GGGI’s Index is the first to benchmark green growth performance against the targets for these global agreements.

The Index is designed as a **useful policy tool to support green growth transition at multiple scales**: compare country performance on green growth worldwide, integrate enabling environment specific to the regions, and apply in development plans to guide policy and investment in countries.

In 2020, GGGI is developing a **simulation tool** to allow application of the Index in long-term climate planning such as a country’s NDC and LED. The GGPM is continuously looking for opportunities to build collaboration with other organizations to develop GGGI’s simulation tool for the Index.

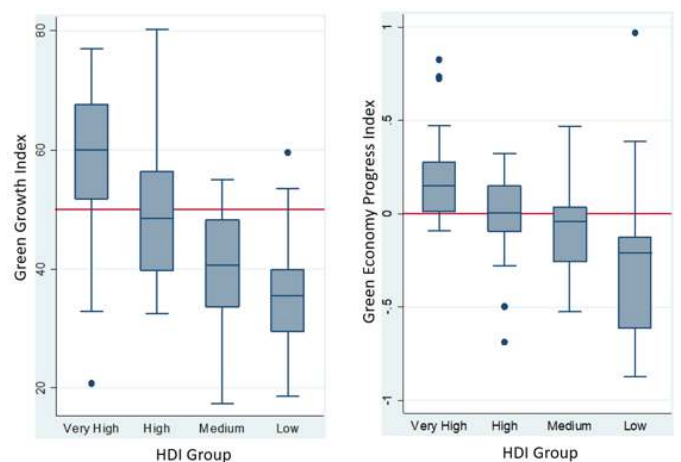
### Partners



### Featured publication

Acosta, L., Pineda, J., L. Galotto, P. Maharjan, and F. Sheng. (2019) Assessment of complementarities between GGGI’s Green Growth Index and UNEP’s Green Economy Progress Index, GGGI Technical Report No. 10, Green Growth Performance Measurement (GGPM) Program, Global Green Growth Institute, Seoul.

A study was conducted to systematically assess the concept and methods of the Green Growth and Green Economy Progress Indices. Its aim was to determine the indices’ complementarities and value added. The boxplots below reveal that distribution of country scores are consistent across HDI group. This implies that the two indices can be applied together to provide comprehensive analysis of current performance and expected progress in green growth across countries.



### FAQs

#### How were the countries ranked in the Index?

The countries were ranked by region to consider the differences in social, economic, and institutional contexts. The regional categories were based on the [UN Geoscheme](#).

#### How reliable are the ranks?

The ranks were based on the aggregated scores of four green growth dimensions. Statistical validation, incl. Monte Carlo Analysis, was conducted to check for robustness. Few indicators are proxy variables but will be replaced as data availability for the SDGs improves.

#### Why were some countries not ranked?

The Index framework considers all four green growth dimensions as equally important, i.e. one cannot substitute for the other. If score for one dimension is missing due to lack of data, the Index was not computed for this country. GGGI encourages countries to improve data for them to be ranked.

Do you have questions on the Green Growth Index?  
Contact us at [info.greengrowthindex@gggi.org](mailto:info.greengrowthindex@gggi.org)

## The Green Growth Index

Green Growth Index measures country performance in achieving sustainability targets including Sustainable Development Goals, Paris Climate Agreement, and Aichi Biodiversity Targets for four green growth dimensions – efficient and sustainable resource use, natural capital protection, green economic opportunities and social inclusion.

### Upcoming event (s)

- Sub-regional workshops to collect feedback on the African Green Growth Index in collaboration with the African Development Bank
- In-country consultations on the integration of the Green Growth Index in Uganda's National Development Plan

Breakout sessions during regional consultations with policymakers and other experts



Dubai



Mexico



Ethiopia

## Green Growth Index Publications

Downloadable at [greengrowthindex.gggi.org](https://greengrowthindex.gggi.org)

### 2020

1. Acosta, L.A., P. Maharjan, H. Peyriere, and R.J. Mamiit. (2020). Natural Capital Protection Indicators: Measuring performance in achieving Sustainable Development Goals, GGPM Working Paper No.1, Global Green Growth Institute, Seoul.

### 2019

1. Acosta, L.A., P. Maharjan, H. Peyriere, L. Galotto, R.J. Mamiit, C. Ho, B.H. Flores, and O. Anastasia. (2019). Green Growth Index: Concepts, Methods and Applications, GGGI Technical report No. 5, Green Growth Performance Measurement (GGPM) Program, Global Green Growth Institute, Seoul. [Contributors: A. Sharma, A. Jacob, B. Liu, C. Hopkins, C. Krug, F. Eboli, F. Tubiello, F. Sheng, G. Lafortune, G. Montt, J. Norville, J. Maughan, J.G. Pineda, L. Farnia, N. Beltchika, N. Cantore, R. Hogeboom, R. Hamwey, R. Cavatassi, R.G. Carmenates, S. Koissy-Kpein, S. Felix, S. Chonabayashi, U.A. Iftikhar, V. Todorov, Z. Zarnic, D. Eaton, E. Eugenio, J. Sales, M.V. Espaldon, A. Dewi, A. Haja, and N.M. Puyo]

2. Acosta, L. A. (2019). Metadata: Green Growth Index Concept, Methods and Applications. Green Growth Performance Measurement (GGPM) Program, Global Green Growth Institute, Seoul, Republic of Korea.

3. Acosta, L. A., K. Hartman, R. J. Mamiit, N.M. Puyo, and O. Anastasia. (2019). Summary Report: Green Growth Index: Concepts, Methods and Applications. Green Growth Performance Measurement (GGPM) Program, Global Green Growth Institute, Seoul, Republic of Korea.

4. Acosta, L.A., R.J. Mamiit, C. Ho, I. Gunderson, O. Anastasia, M. Angawi, C.O. Balmes, N. Desta, N. Krairiksh, H.W. Lakew, J.L.A. Loustaunau, P. Martinez, K. Ram-Indra, and C. Shrestha. 2019. Assessment of feedback from regional expert consultations on the Green Growth Index (Phase 2). Technical Report No. 6, Green Growth Performance Measurement, Global Green Growth Institute, Seoul, Korea.

5. Acosta, L.A., Pineda, J., L. Galotto, P. Maharjan, and F. Sheng. (2019). Assessment of complementarity between GGGI's Green Growth Index and UNEP's Green Economy Progress Index, GGGI Technical Report No. 10, Green Growth Performance Measurement (GGPM) Program, Global Green Growth Institute, Seoul.

6. Acosta, L.A., C.O. Balmes, R.J. Mamiit, P. Maharjan, K. Hartman, O. Anastasia, and N.M. Puyo. (2019). Assessment and main findings on Green Growth Index, Insight Brief, Green Growth Performance Measurement (GGPM) Program, Global Green Growth Institute, Seoul.

To learn more about our work, please contact us:

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