Sustainable Development Goals (SDG) Interlinkages Analysis and Visualisation

A practical tool supporting SDG integration and policy coherence

Dr. Xin Zhou
Principal Policy Researcher and Research Leader
Strategic and Quantitative Analysis Centre (QAC), IGES

Dr. Mustafa Moinuddin
Senior Policy Researcher and Research Manager
Strategic and Quantitative Analysis Centre (QAC), IGES

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Importance of SDG interlinkages analysis and existing knowledge gaps

- 17 SDGs and 169 targets inherently connect with each other forming an indivisible network for delivering sustainability from a systemic perspective.
- The existence of potential synergies and trade-offs between SDG targets requires integrated institutional arrangements and policy coherence.
- However, existing knowledge on SDG interlinkages remain limited.
  - Lacking of comprehensive interlinkages study covering all targets;
  - Quantification of the SDG interlinkages is limited;
  - SDG interlinkages study at the national level is lacking behand;
  - Analysis of SDG interlinkages, beyond the identification of the interlinkages, is limited.
IGES’ integrated approach on SDG interlinkages analysis and visualisation

**Identification of the interlinkages**
- Identification of the interlinkages between SDG targets based on:
  - knowledge obtained from international consultation processes on SDG indicators; and
  - literature review.

**Indicators and data collection**
- Identification of the indicators for SDG targets with trackable data;
- Collection of time series data (2001-2014) for the indicators for nine Asian countries.

**Quantification of the interlinkages**
- Statistical treatment of data;
- Quantification of the interlinkages between SDG targets based on the correlation analysis of the corresponding indicators using time-series data.

**Analysis and visualisation of the interlinkages**
- Creation of a quantified network of the interlinkages between SDG targets for each country;
- Use of the Social Network Analysis to analyse the structure of the interlinkages and identify strategic targets based on the measurements of centrality;
- Development of a web tool to view the indicator-level data and visualise the interlinkages between SDG targets.
Country-specific dashboards indicating potential reinforcing (green) and conflicting (red) interlinkages

Bangladesh
The **SDG Interlinkages and Data Visualisation Web Tool (Version 1)** is free to access online at:

https://sdginterlinkages.iges.jp
Thank you!

Contact: zhou@iges.or.jp