Sustainable Development Goals (SDG) Interlinkages Analysis and Visualisation

A practical tool supporting SDG integration and policy coherence

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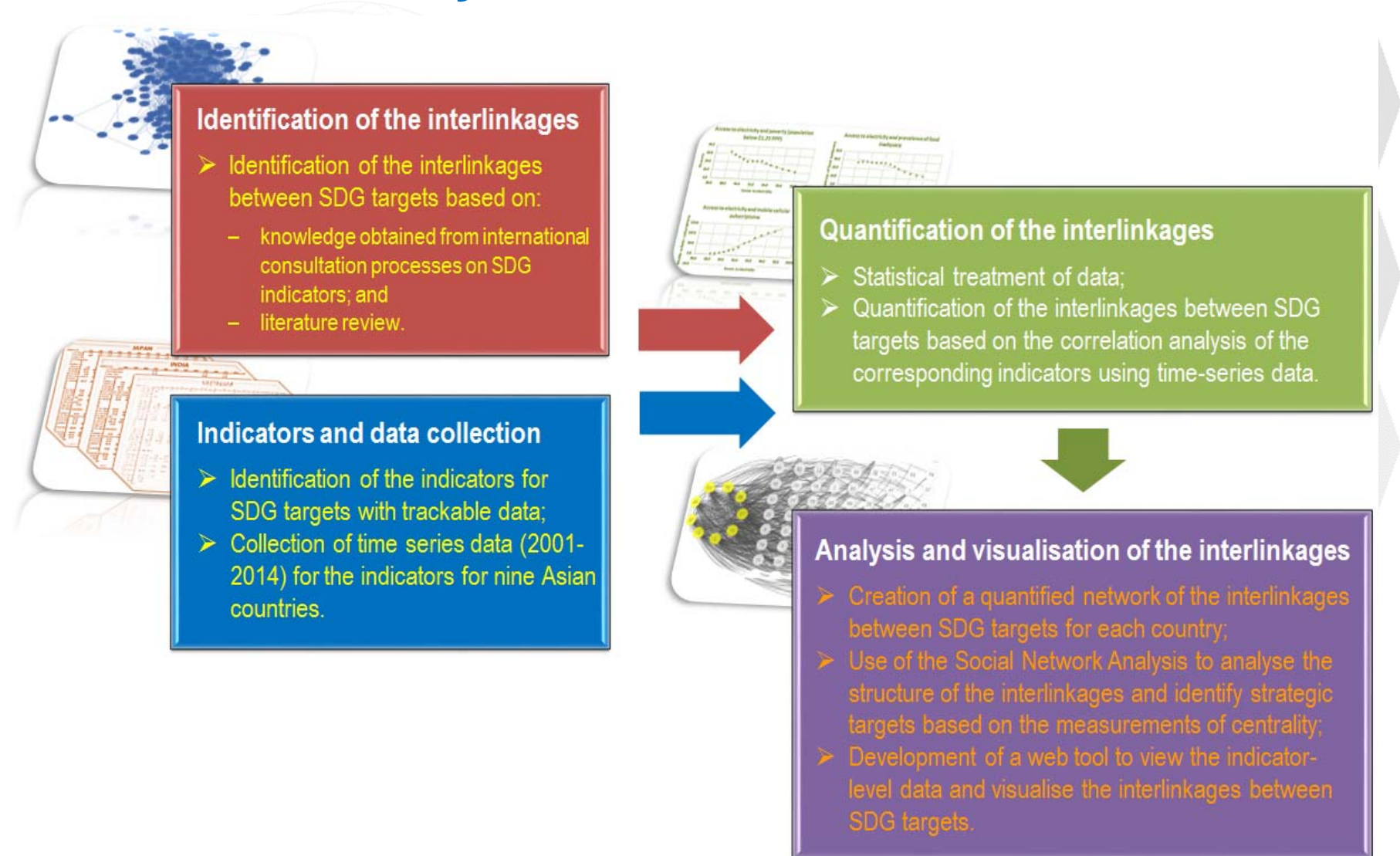Strategic and Quantitative Analysis Centre (QAC), IGES

Integrating SDGs in Asia: An Action Menu for Policymakers
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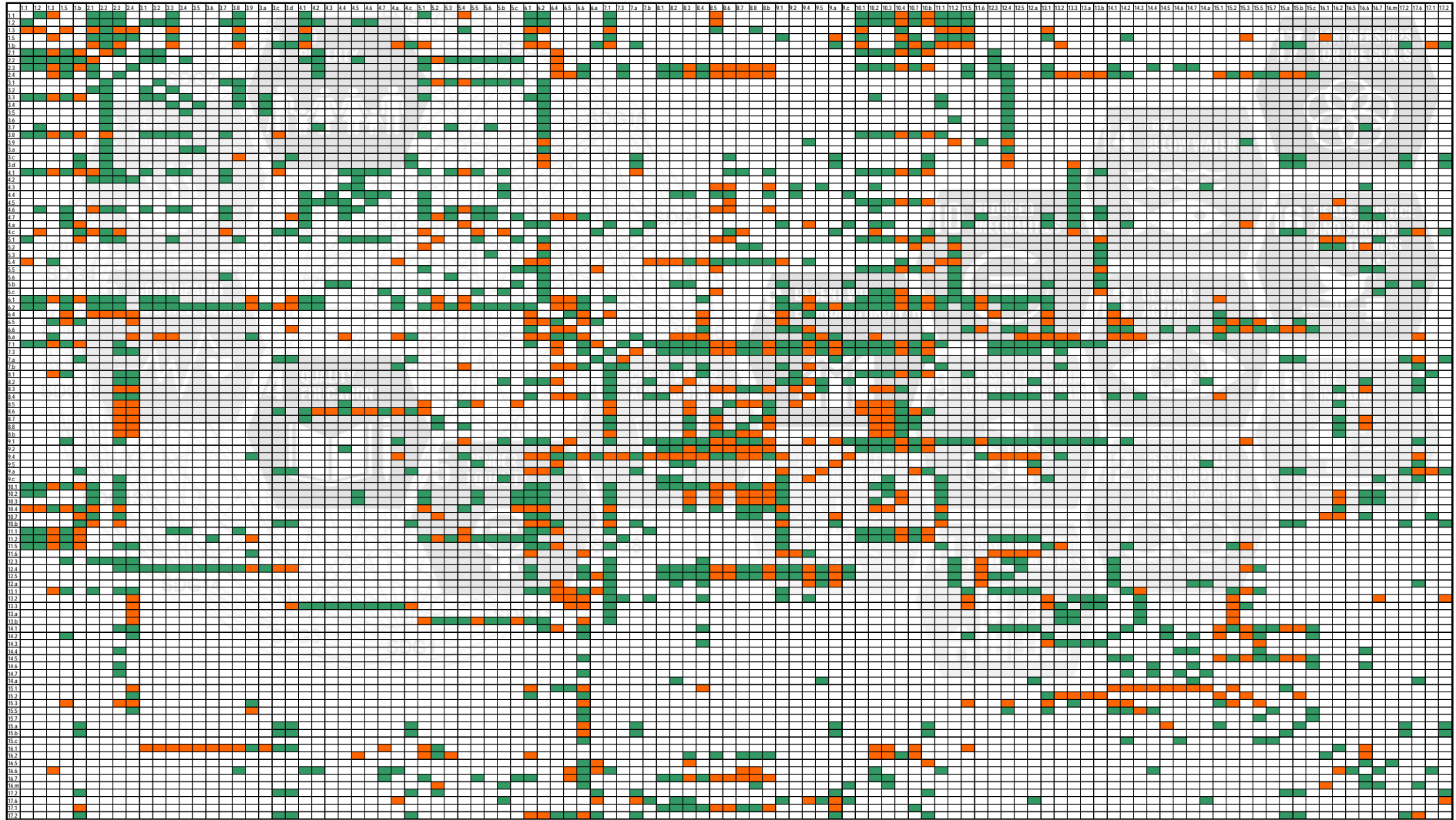Institute for Global
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Importance of SDG interlinkages analysis and existing knowledge gaps

➢ 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

IGES' SDG Interlinkages and Data Visualisation Web Tool (Version 1)

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

https://sdginterlinkages.iges.jp

Thank you!

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