

Synergies and interlinkages between the SDGs and NDCs

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ESCAP Methodology for Integration of the SDGs into National Planning



Achieving the SDGs require shifts in implementation strategies

The achievement of SDGs requires fundamental transformations at all levels

Beyond finance, a much more comprehensive means of implementation needs to be mobilized to enable implementation

Meaningful stakeholder engagement will be critical in achieving the SDGs

There is an urgent need for integrated policy approaches



CAUSALITY

To understand the feedback loops we need to gain perspective of causality: how one thing results in another thing in a dynamic and constantly evolving system.

The cause and effect concept in system thinking is about being able to understand the way things influence each other in a system (on agency, feedback loops, connections, and relationships)

System mapping



System Dynamics	Strategic Intervention
System is stagnant or stalled	<ul style="list-style-type: none">• Look for constraints
Vicious cycles	<ul style="list-style-type: none">• Identify “brakes”• Examine intervention points to return process to virtuous cycle
Reinforce virtuous feedback cycles	
Find the strongest feedback structure operating then review the implications and generic leverage points.	
Examine each link and consider the consequences of strengthening it or weakening it	



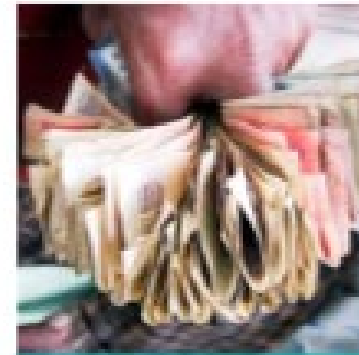
Policy Gap



Governance Gap



Information Gap



Valuation Gap



Time Gap

Reduce inertia in the policy-making cycle – rectify the lack of understanding of integrated approaches and tools (e.g. stakeholder engagement, integrated monitoring, etc.)

Strengthen institutional capacity for stakeholder engagement, set policy targets that acknowledge environmental limits, and establish social flows

Strengthen stakeholder involvement, transdisciplinary approaches, and science-policy interface

Internalize social and environmental values in decision-making - market interventions, financial and other incentives

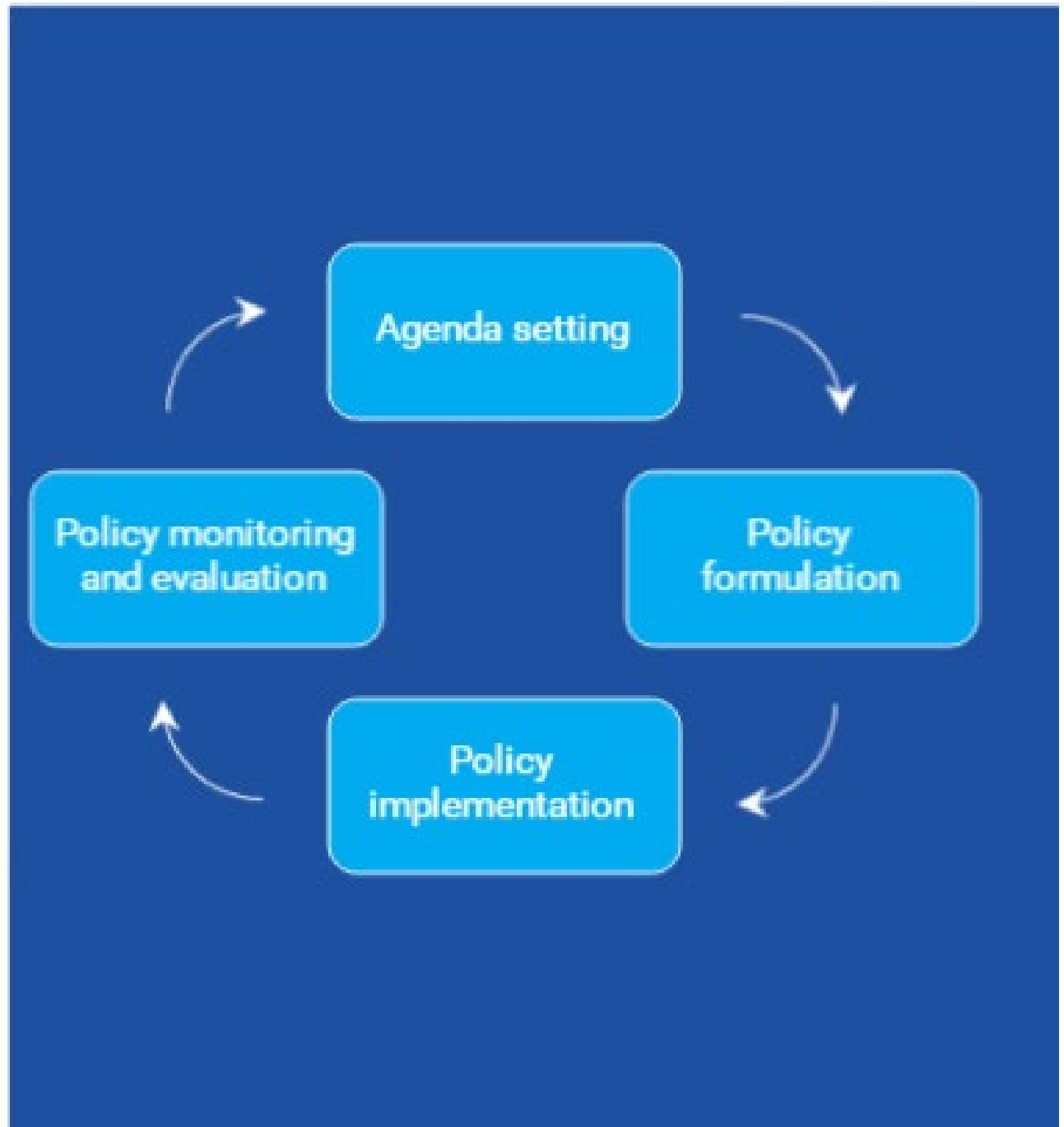
Lengthen stakeholder time horizons through policy and financing interventions

Addressing Trade-offs through Systems Thinking

Examples of Addressing the Trade-Offs

Tradeoff source/ Questions to be asked	Strategic intervention	Example
<p>1. Valuation Gap What are the values which are impacted positively and negatively but are not recognized?</p>	Internalize social and economic values in economic decision-making - market interventions, financial and other incentives	<ul style="list-style-type: none"> ▪ Tax/subsidy reform & recycling of savings/revenue ▪ Global carbon markets ▪ Payments for ecosystem services
<p>2. Time Gap What are the time horizons of stakeholders in the different dimensions – how do they differ? How can the short-term time horizons be lengthened?</p>	Change stakeholder time horizons - policy/financing interventions	<ul style="list-style-type: none"> ▪ Tax/subsidy reform & recycling of savings/revenue ▪ Green accounting
<p>3. Information Gap What types of information can influence consumer choices and preferences? What scientific uncertainties need to be addressed? What are the economic benefits of social and environmental investments?</p>	Strengthen integrated analysis, science-policy interface	<ul style="list-style-type: none"> ▪ Eco-labelling ▪ Green accounting
<p>4. Governance Gap Who are the stakeholders? Which are excluded from participation in decision-making? How can common interests be capitalized upon, or differences bridged through governance interventions? What relevant environmental, social and economic limits need to be defined and implemented in policy?</p>	Strengthen provisions related to social justice, environmental protection, set policy targets, standards and codes of conduct that acknowledge environmental limits, establish social protection floors	<ul style="list-style-type: none"> ▪ Viet Nam green growth strategy ▪ Central bank green finance initiative – Bangladesh ▪ Green accounting
<p>5. Policy Making Gap What are the reasons behind the inertia of policy-making?</p>	Strengthen technical and information capacity about integrated approaches	<ul style="list-style-type: none"> ▪ Systems-thinking applied to policy-making

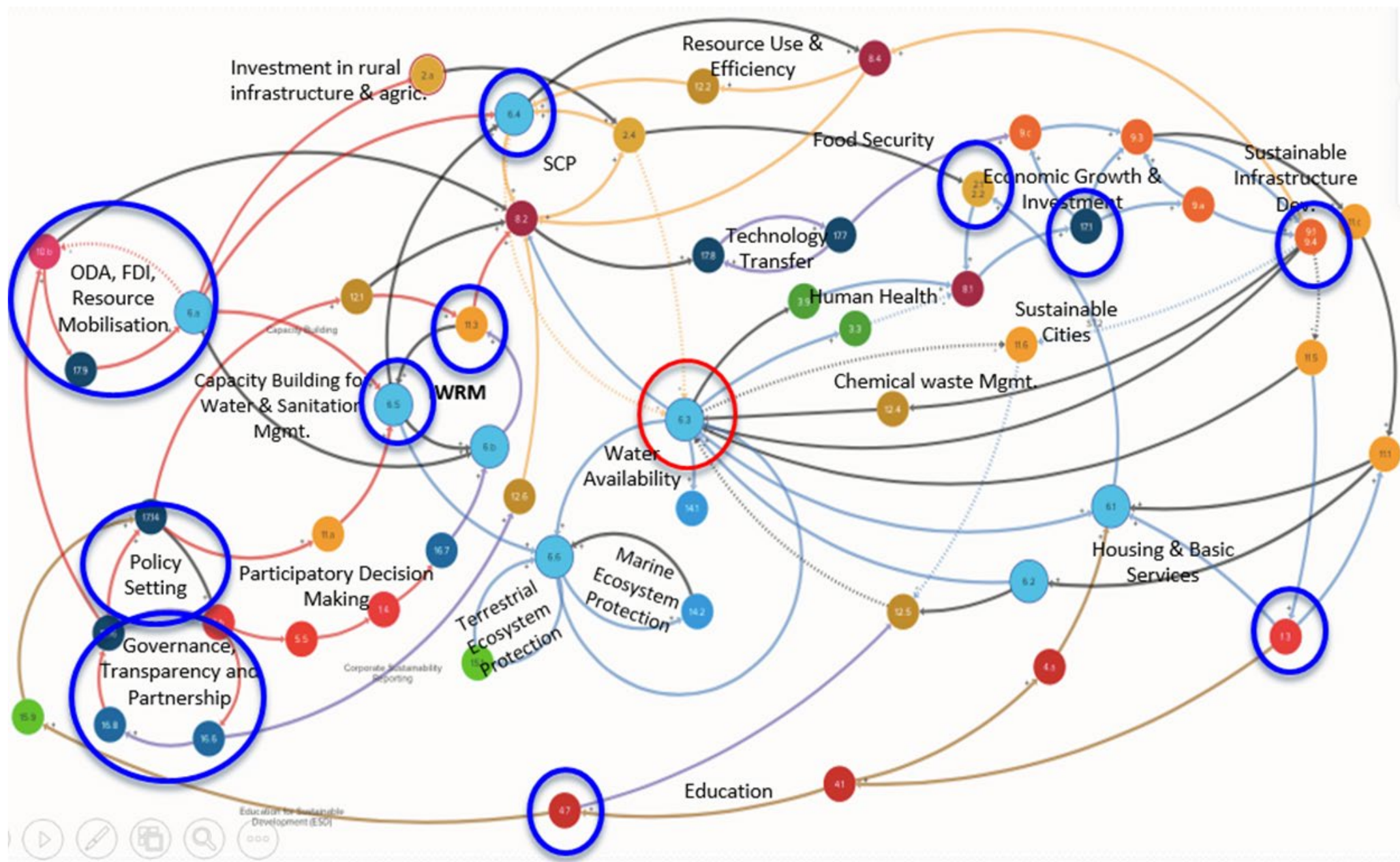
Creating Synergies during Public Policy Cycle



Aspirational Envisaging Policy Cycle



Developing causal Loop Diagram based focused on SDG 6 targets



Lessons learned from the quantitative modelling

Globally Agreed Indicators: These are linear and were created to measure the progress of individual targets or aspect of these. These do not support sufficiently analysis of inter-linkages. Since the SDGs are viewed as one indivisible whole, additional variables that reflect inter-linkages and integration may need to be identified.

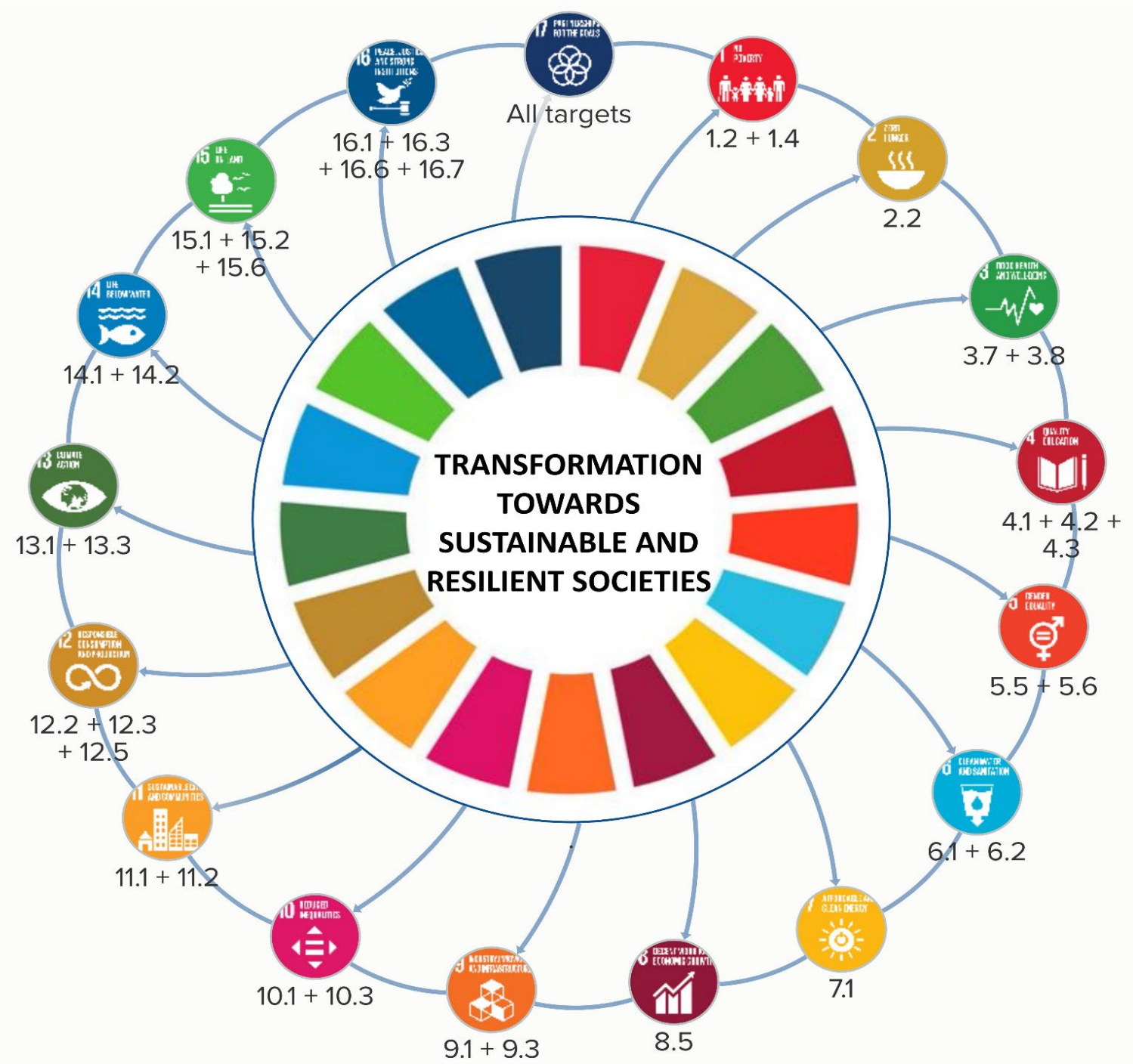
Availability of Data: While a substantive amount of data is available, there are some gaps within the data, which has cased inconclusive results. In order to improve upon our findings new data would need to be produced. (E.g. 6.3 Annual treatment of wastewater flows.)

Water Storyline: Unfortunately, several SDG indicators were not tailored for the water context and therefore, do not fit our storyline. Although secondary indicators (e.g. World Bank) were identified, which fit the storyline, they are not globally-agreed.

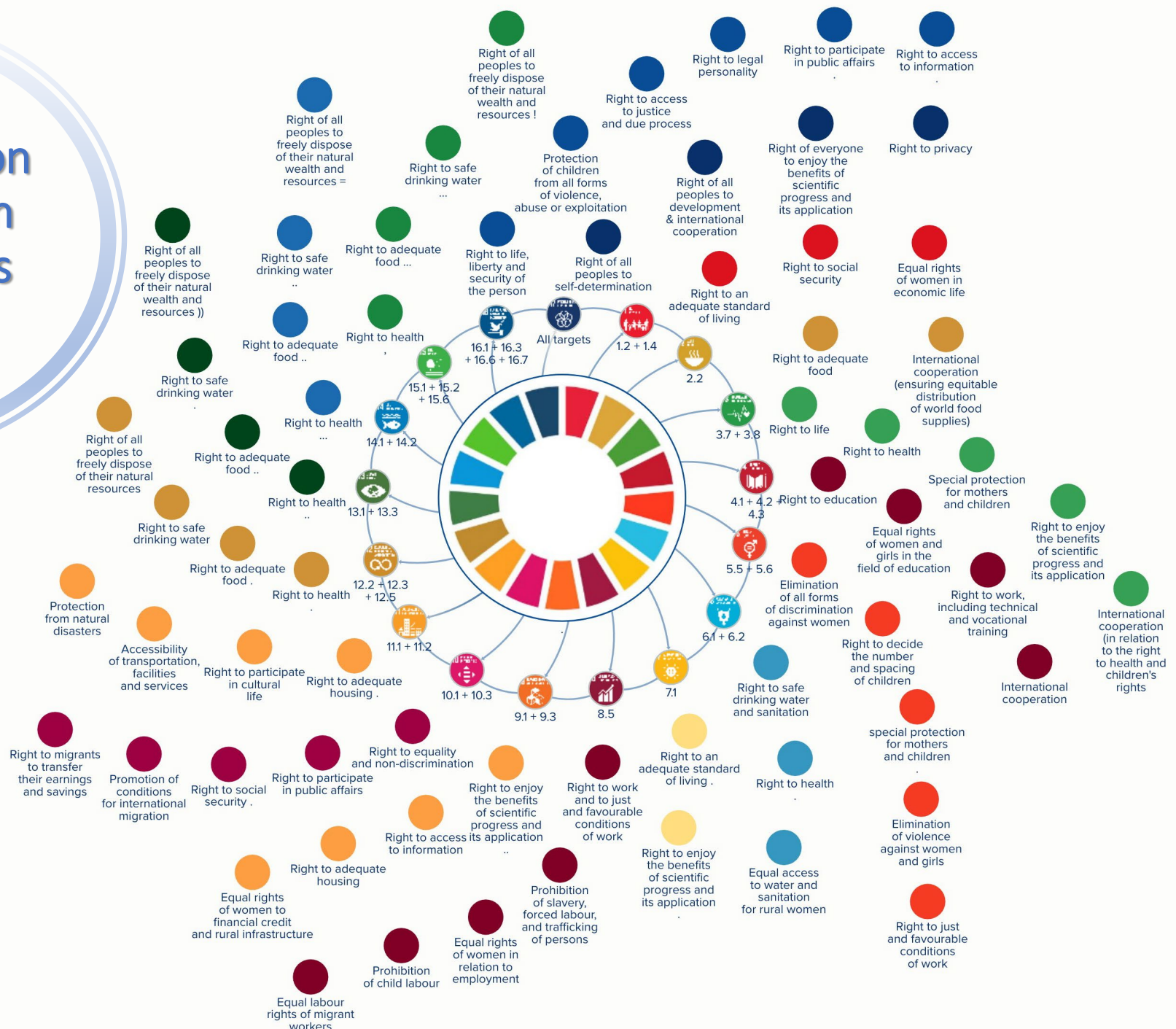
Systems-Thinking: The analytical framework is addressing inter-relationships based on causality and can be a valuable tool for policy makers to identify the leverage points for most effective interventions.



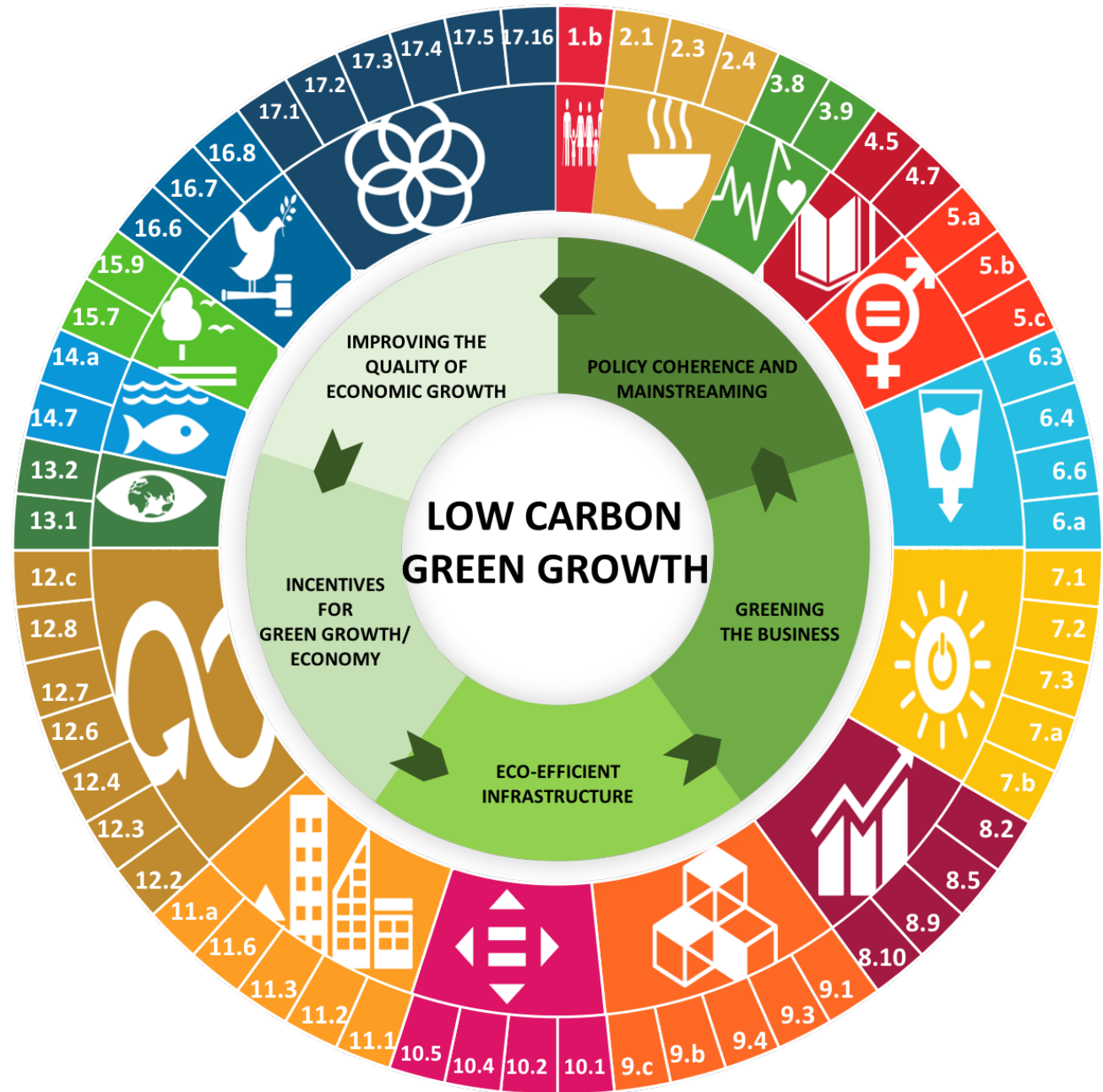
Transformation towards Sustainable and Resilient Societies

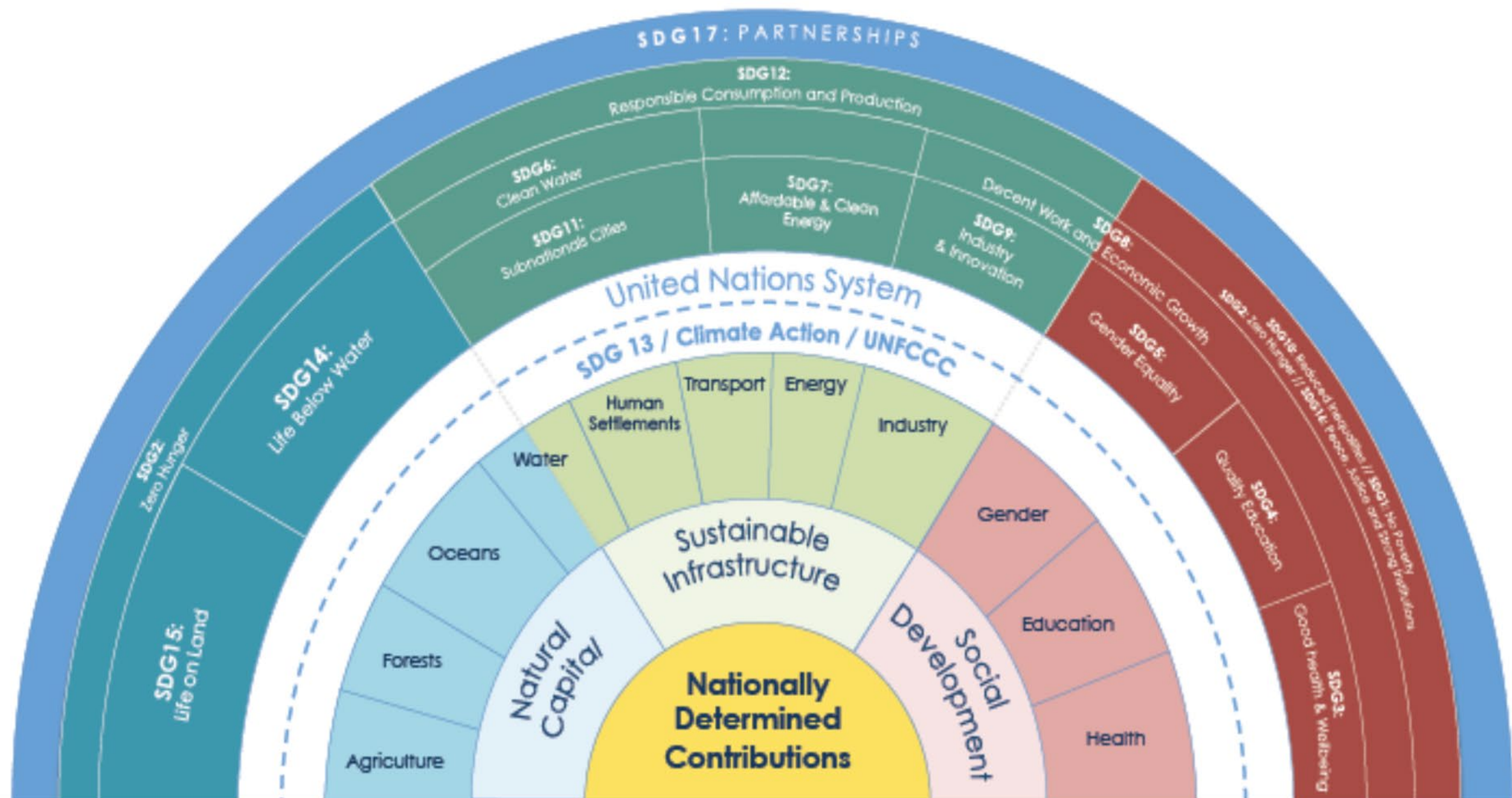


Transformation with focus on human rights



Low Carbon Green Growth- transformation to the New Climate Economy

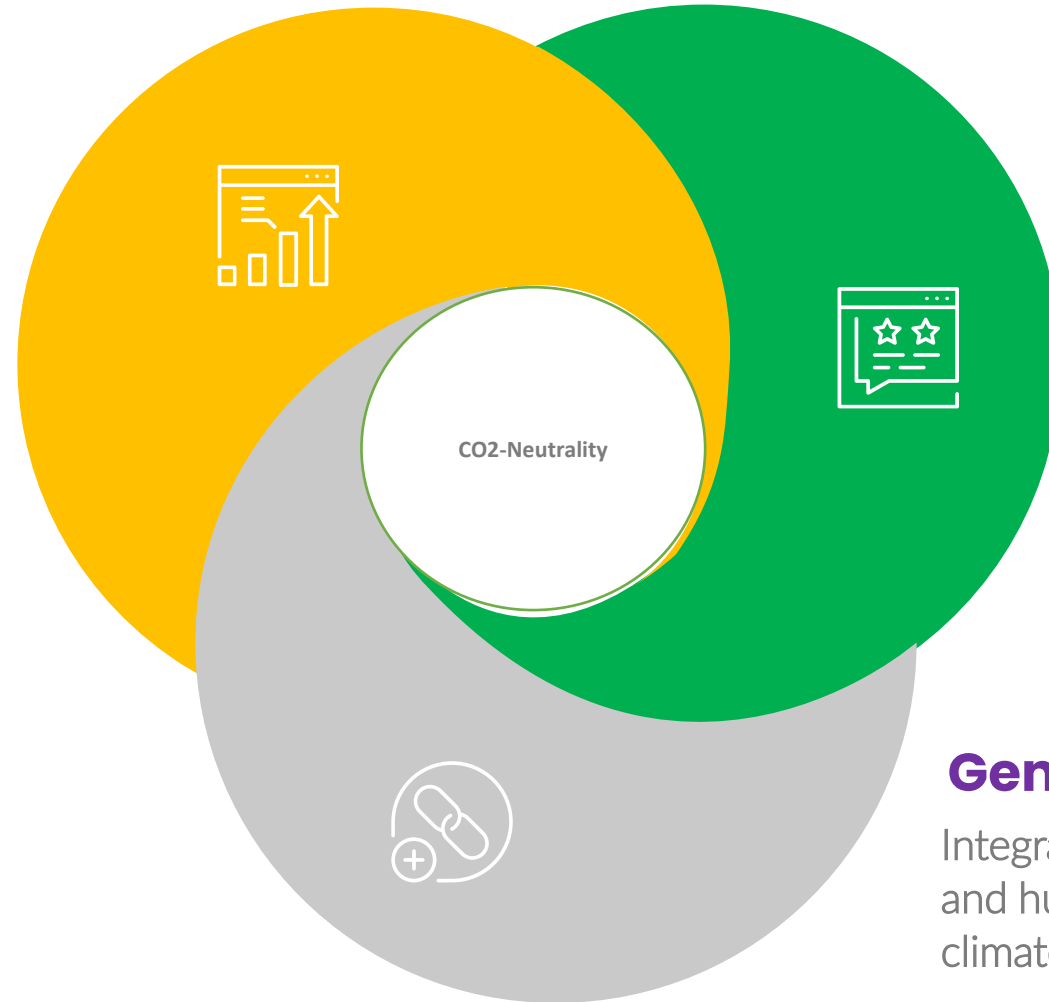




What is Needed: A Mutually Reinforcing Enabling Framework

Raising Ambition Factors

- Carbon Neutrality Pledges
- Peak Carbon Pledges
- National targets
- Sectoral decarbonization
- Carbon pricing
- Fossil fuel subsidy reforms



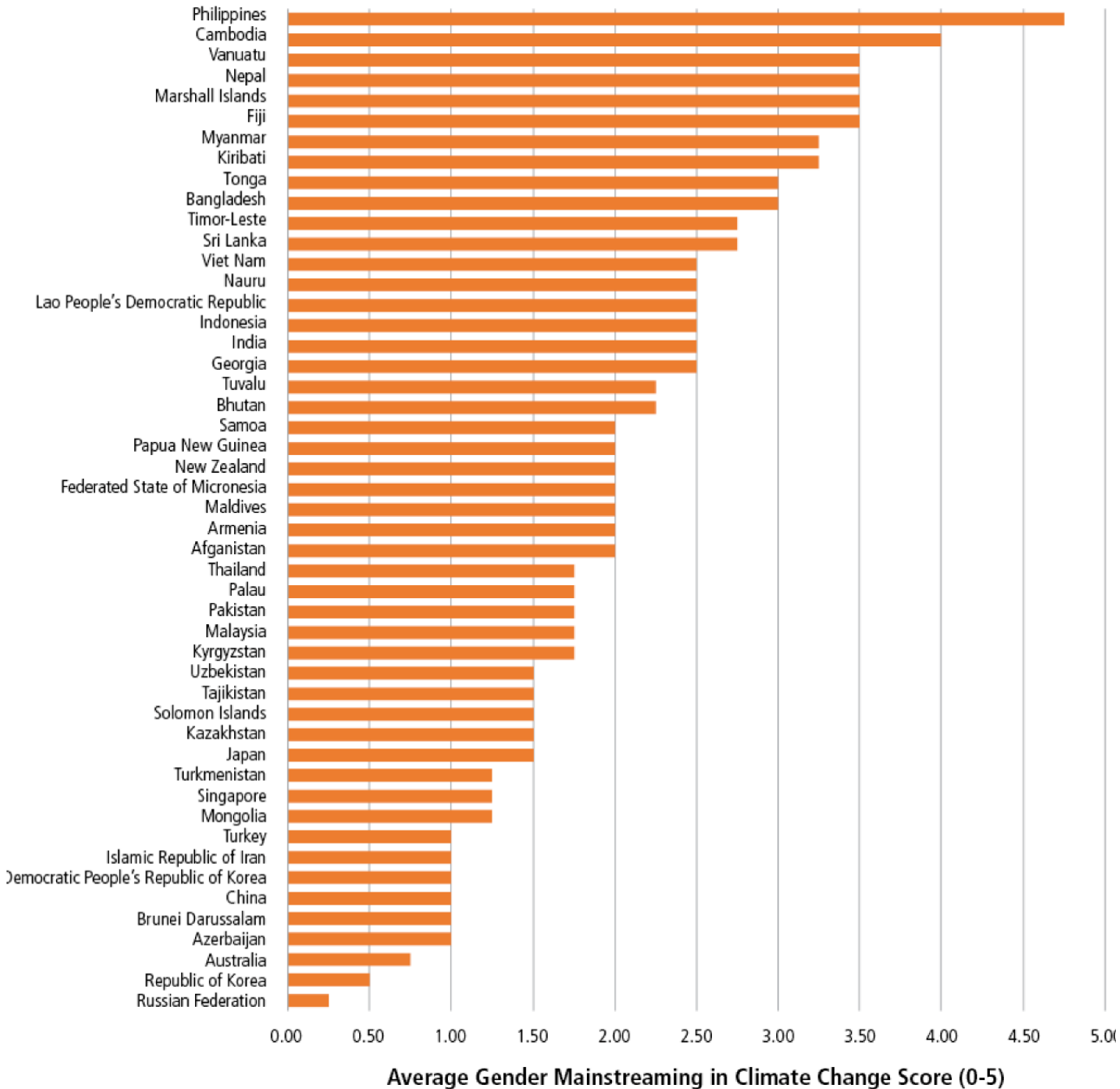
Enabling Factors

- Mainstreaming CC in policy and law
- Horizontal and vertical coordination
- Climate finance readiness
- MRV system and transparency

Gender Mainstreaming

Integration of gender equality and human rights-approaches in climate action

Comparison of countries in the Asia-Pacific region according to their Gender Mainstreaming Progress



Developing countries
in the region are
leading the way on
gender
mainstreaming

The Way Forward

Integrate SDG and NDC planning and processes – mapping the interlinkages at the target level

Integrated institutional mechanisms supported by transformative stakeholder engagement

Sustainable and integrated financing, including for climate resilient development and infrastructure

Integrated planning to optimize resources; scale up the use of nature-based solutions, including green and blue infrastructure in urban and peri-urban areas

Circular economy approaches to reduce waste and address pollution issues

Low carbon green growth/new climate economy for sustainable development

ESCAP Knowledge Products

Integrating the Three Dimensions of Sustainable Development: A Framework and Tools

<http://www.unescap.org/sites/default/files/Integrating%20the%20three%20dimensions%20of%20sustainable%20development%20A%20framework.pdf>

Analytical Framework for Integration of Water and Sanitation SDGs and Targets Using Systems Thinking Approach

<https://sdghelpdesk.unescap.org/sites/default/files/2018-02/integration%20sdg6.pdf>

Integrated Approaches for Sustainable Development Goals Planning: The Case of Goal 6 on Water and Sanitation

<http://www.unescap.org/publications/integrated-approaches-sustainable-development-goals-planning-case-goal-6-water-and>

Low Carbon Green Growth Roadmap for Asia and the Pacific

<http://www.unescap.org/resources/low-carbon-green-growth-roadmap-asia-and-pacific>

E-Learning Course: Low Carbon Green Growth Roadmap

<https://sdghelpdesk.unescap.org/e-learning/Low-Carbon-Green-Growth-Roadmap>

E-Learning Course: Integration of SDG Into National Planning

<https://sdghelpdesk.unescap.org/e-learning/Integration-SDGs-into-National-Planning-course>





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