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# ASSESSING THE LINKAGES BETWEEN GLOBAL INDICATORS, THE SEEA & THE SDGS

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# Objectives

## Work package under the NCA and ES Valuation Project*

- Which global and national indicators can be directly integrated into the SEEA to support reporting on progress towards SDG Targets?
- Which global and national indicators have the potential to be generated using accounting modules within the SEEA framework?
- What are the gaps in current indicator initiatives that could be filled using the SEEA and existing global (and national) data?
- Which global and national indicators supported by the SEEA and relevant to SDG Targets should be considered priorities for testing?

*https://seea.un.org/home/Natural%20Capital%20Accounting

# Global Indicator Initiatives

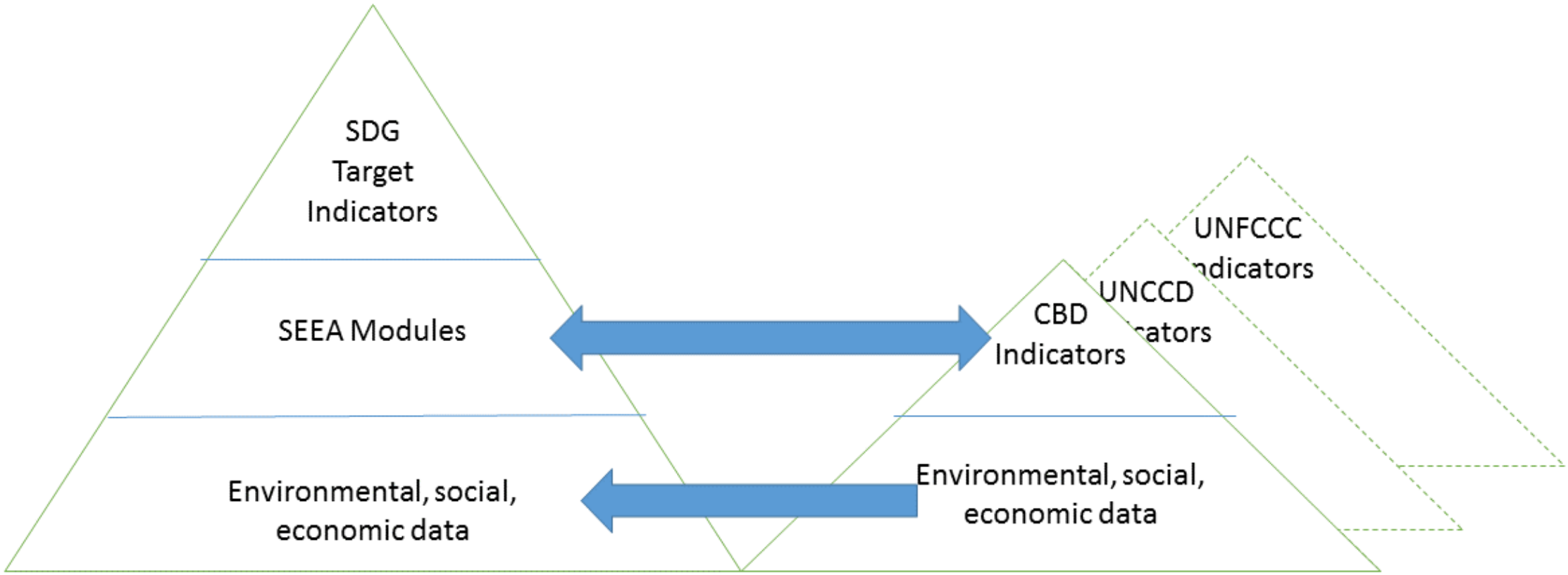
- Inter-Agency Expert Group on SDG Indicators (IAEG-SDG)
- United Nations Convention on Biological Diversity (UNCBD) Aichi Target Indicators
- United Nations Convention to Combat Desertification (UNCCD) Indicators
- United Nations Framework Convention on Climate Change (UNFCCC) Indicators
- Biodiversity Indicator Partnership (BIP) Indicators
- Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES) Indicators
- Sendai Framework for Disaster Risk Reduction (Sendai) indicators
- Ramsar Convention on wetlands (Ramsar) Indicators

# Rapid ‘Expert’ Assessment of Sets of Individual indicators

## Relevant SEEA modules

- Land accounts – Physical measures
- Ecosystem extent accounts - Physical
- Ecosystem condition accounts - Physical
- Ecosystem services accounts (provisioning) – Physical or monetary
- Ecosystem services accounts (regulating and cultural) – Physical or monetary
- Physical environmental assets accounts (e.g., stocks of timber) – Physical or monetary
- Thematic biodiversity accounts – Physical

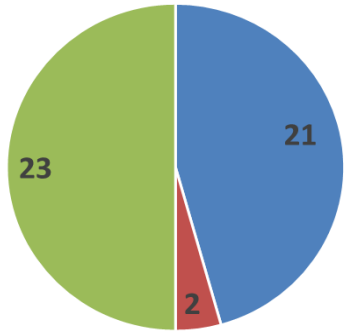
# Structure of the analysis



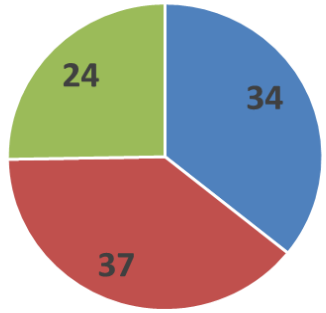

**Assign ‘Full’, ‘Partial’ of ‘None’ possibilities for alignment with SEEA**

# Results by Global Indicator Initiative (314 Indicators)

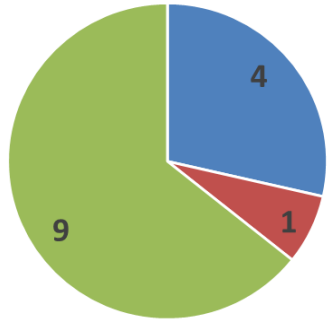
SEEA to SDG Indicators Matches



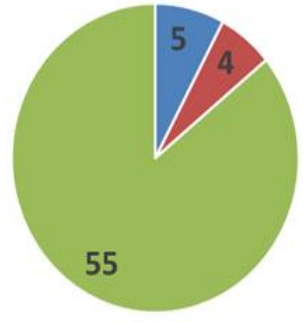

SEEA to Aichi Target Indicators Matches



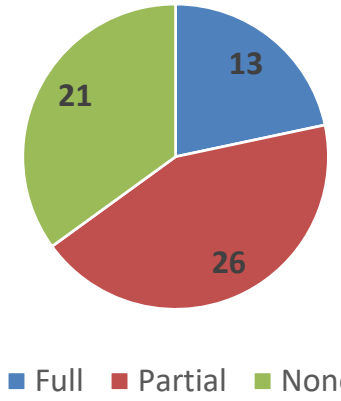

SEEA to UNCCD Target Indicators Matches



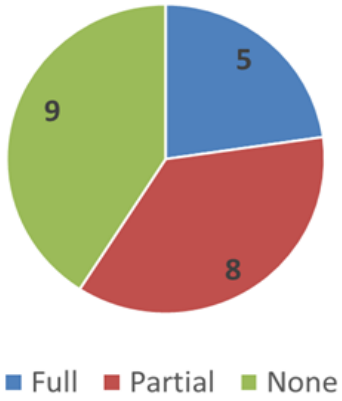

SEEA to UNFCCC Target Indicators Matches



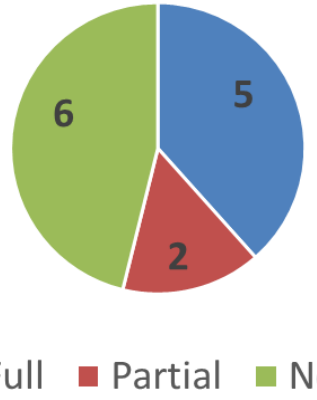

SEEA to BIP Indicators Matches




SEEA to IPBES Indicators Matches




SEEA to Ramsar Report Matches



# Aggregated Results

## 41 'Full Possibilities' for generation via the SEEA

- Indicators relevant to other initiatives:

  SDG 15.3.1 – Proportion of degraded land (CBD; UNFCCC; UNCCD and Ramsar)

  SDG 6.6.1 – Change in extent of water related ecosystems (CBD; Ramsar; BIP and IPBES)

  SDG 15.1.1 – Proportion of forest area (CBD; UNFCCC; BIP and IPBES)

  SDG 15.9.1 – Progress towards national targets in accordance with Aichi Target 2 (CBD)

  SDG 6.3.1 – Proportion of waste water safely treated (Ramsar)

  SDG 15.2.1 – Progress towards sustainable forest management (CBD and UNFCCC)

  AT 5.5.2 – Natural habitat extent (UNFCCC)

  AT 5.5.3 – Wetland extent (IPBES and Ramsar)

# Wider analytical interests

## Accounts, Gaps and Mainstreaming Opportunities

- Land cover / ecosystem extent accounts a priority
- Key Aichi Target indicator gaps relating to:

  Trends in extent and condition of vulnerable ecosystems

  Trends in restoration of ecosystems providing essential services

  Trends in ecosystem resilience

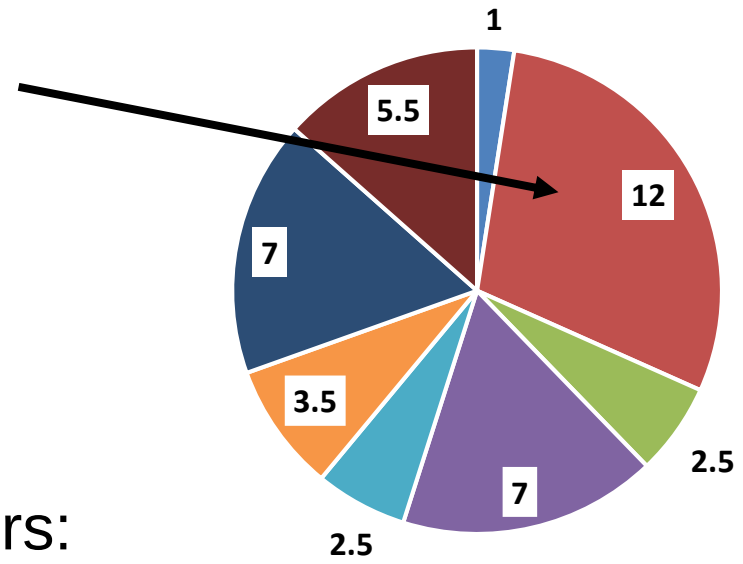
- Opportunities for ecosystem mainstreaming indictors:

  Reducing poverty (SDG Targets 1.4 and 1.5)

  Ending hunger (SDG Targets 2.1, 2.3 and 2.4)

  Building resilient (green) infrastructure (SDG Targets 9.1 and 9.4 )

Accounts to output indicator matches



# Next Steps

## Assessment of Global Indicators

- Following the meeting we would be grateful if you could complete the comment form for the report circulated and return this by 22nd March

## Develop methodology for indicators (this meeting)

- Develop a SEEA based methodology for SDG 6.6.1 and 15.3.1
- Develop a SEEA based methodology for 2 other indicators (Post 2020 focus)

## Test Methodology with Pilot Countries (2019 / 2020)

- Refine methodology
- Capture lessons learned

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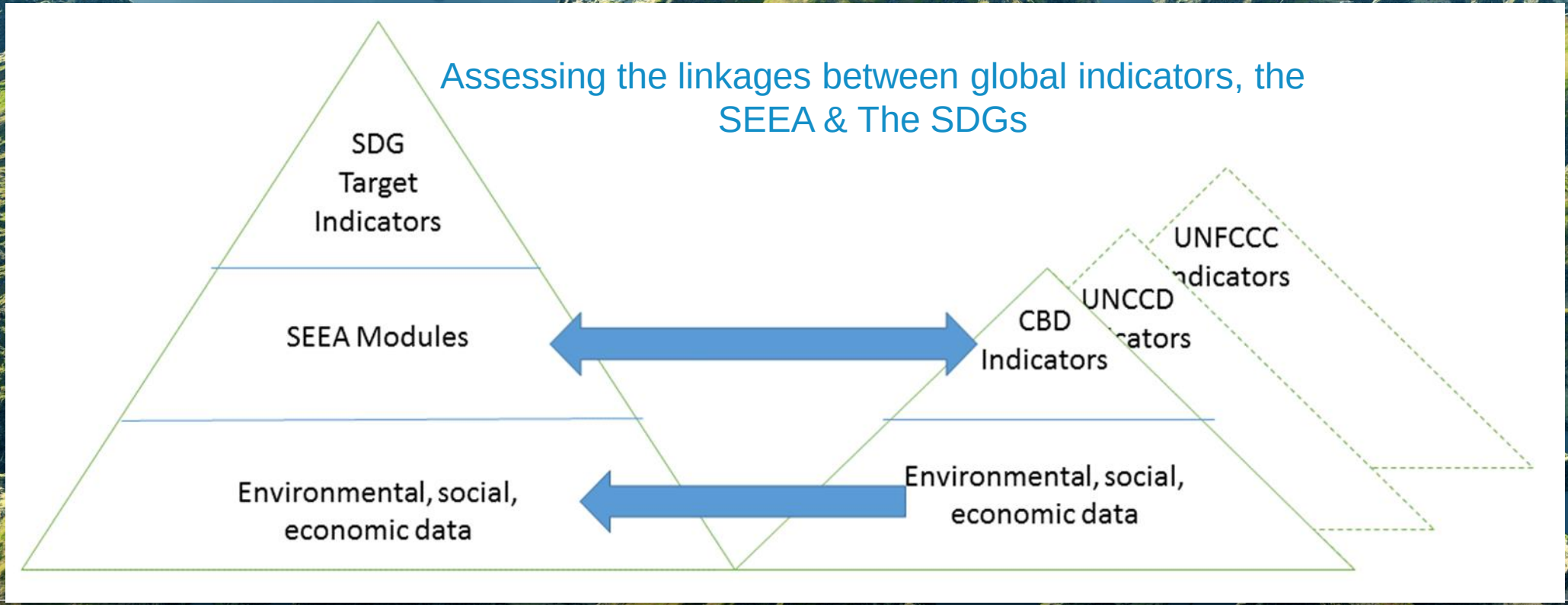


# THANK YOU!

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