Biodiversity measurement and valuation for improved decision making

SBSTTA 21 Side-event "Mainstreaming biodiversity in the manufacturing sector"

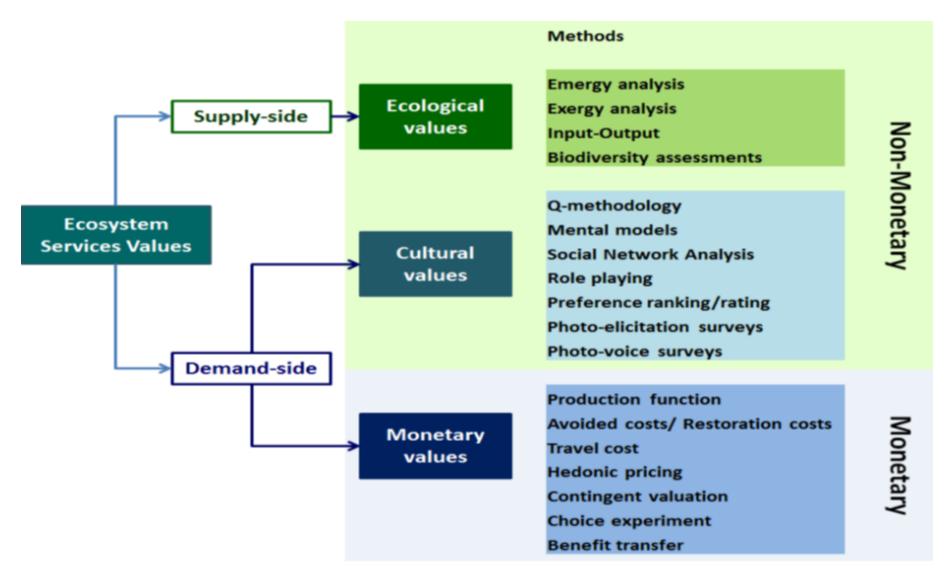
Joël Houdet, Ph.D.

December 11, 2017

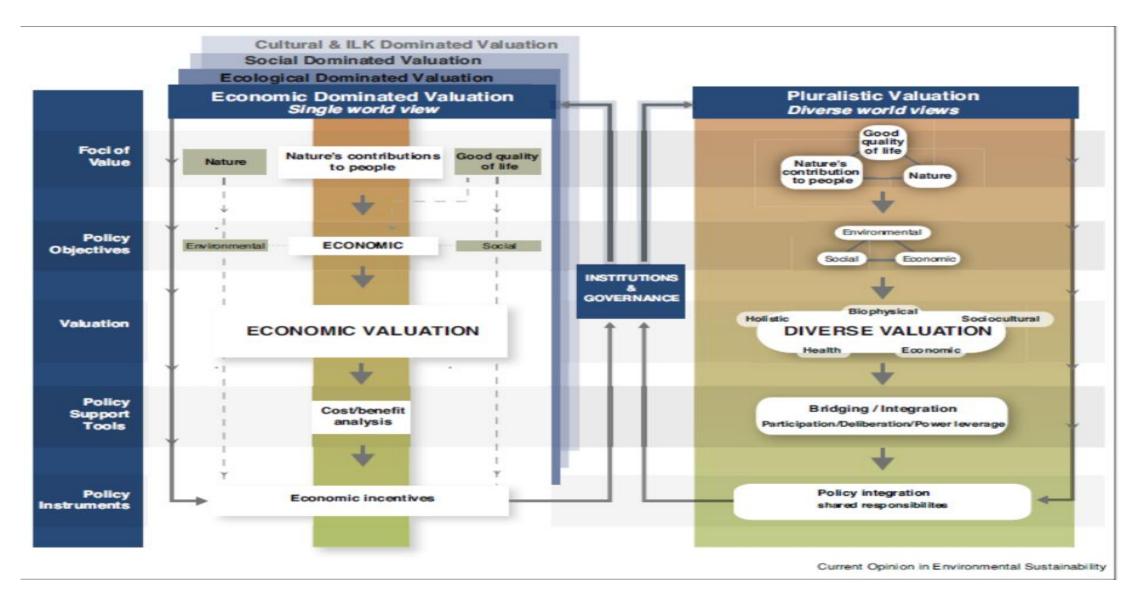




Non-monetary and monetary valuation methods and value-pluralism (Gómez-Baggethun et al., 2014).



From single world views in valuation towards pluralistic valuations (Pascual *et al.*, 2017)



Natural Capital Protocol (July 2016)















Protecting nature. Preserving life.



























- Natural Capital Protocol
- A high-level guide for executives and stakeholders











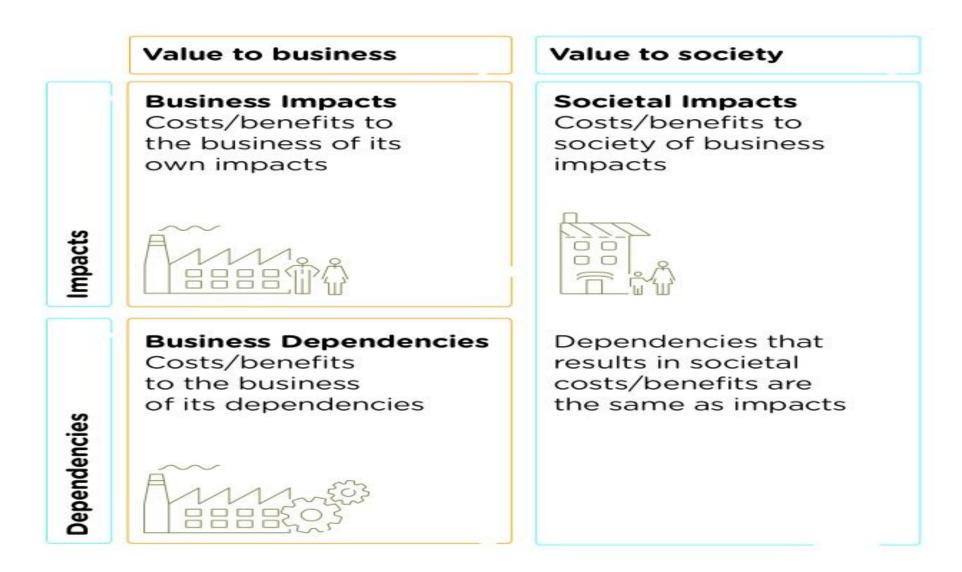






- Sector guides for Food
 & Beverage + Apparel
- Business engagement& pilot testing

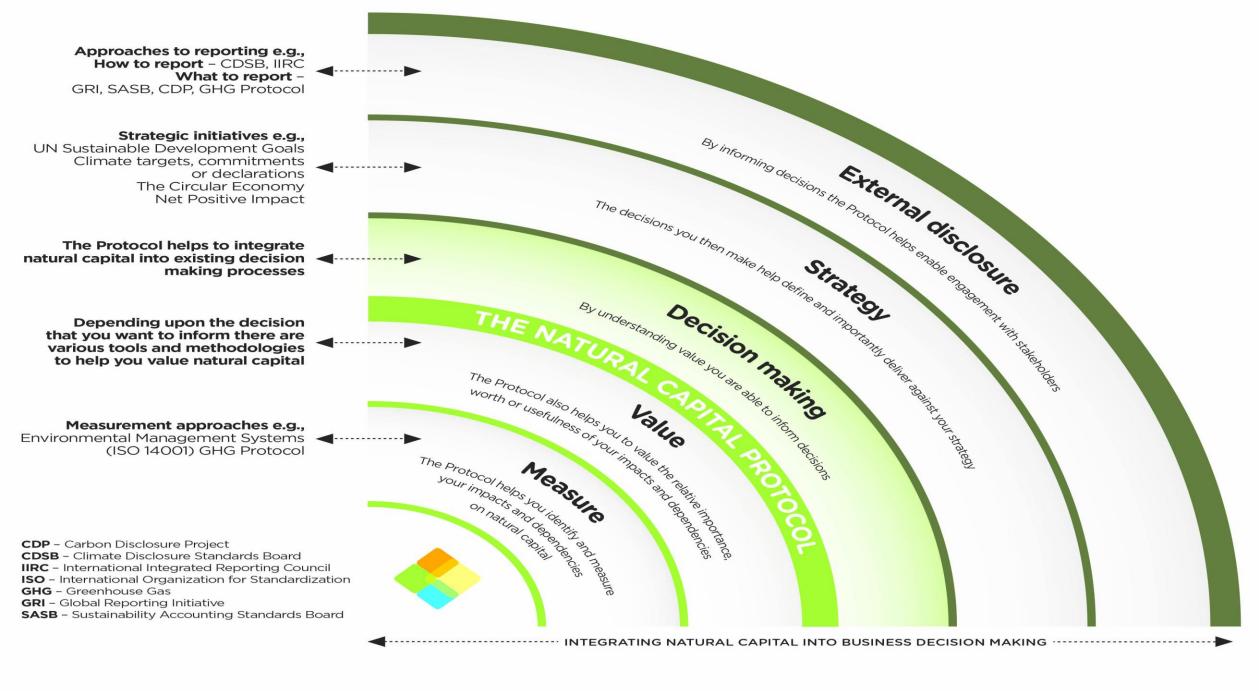
Values of natural capital for Business and Society: Dependencies & Impacts (NCP 2016)



The Natural Capital Protocol Framework (NCP 2016)

01	02	03	04	05	06	07	08	09
Get started	Define the objective	Scope the assessment	Determine the impacts and/or dependencies	Measure impact drivers and/or dependencies	Measure changes in the state of natural capital	Value impacts and/or dependencies	Interpret and test the results	Take action
Why should you conduct a natural capital assessment?	What is the objective of your assessment?	What is an appropriate scope to meet your objective?	Which impacts and/ or dependencies are material?	How can your impact drivers and/or dependencies be measured?	What are the changes in the state and trends of natural capital related to your business impacts and/or dependencies?	What is the value of your natural capital impacts and/or dependencies?	How can you interpret, validate and verify your assessment process and your results?	How will you apply your result and integrate natural capital into existing processes?

PRINCIPLES: Relevance, Rigor, Replicability, Consistency



Dr. JOEL HOUDET

Email: j.houdet@iss-za.com

Cell phone: +27 (0)73 446 26 71