

TEEBAgriFood Implementation Project Business Engagement

Webinar India

29th April 2020



Funded by the
European Union

Agenda

14:00-14:05	Welcome and introduction from Centre for Responsible Business	Rijit Sengupta
14:05-14:10	Introduction from UNEP TEEB	William Speller
14:10-14:15	Introduction from Capitals Coalition	Marta Santamaria
14:15-14:25	Background on Capitals Thinking	Isabel Hoffmann
14:25-14:30	Short Q&A	Marta Santamaria
14:30-14:45	Project aims and timeline in India	Martine van Weelden
14:45-15:00	Discussion	Marta Santamaria

TEEB

Promoting a Sustainable Agriculture & Food Sector

Rijit Sengupta

Centre for Responsible Business (CRB)

29th April, 2020

OUTLINE

❖ About CRB

❖ Sustainable Supply/Value Chain

- **Agro-based Industries** (Deforestation free Value Chains, Combating Air Pollution & Promoting Responsible Value Chains)

1. ABOUT CRB

Think-tank established in 2011 to promote and facilitate uptake of sustainable business practices across various sectors in India, supported by **evidence** (policy & action research), **knowledge** (capacity building & advisory) and **network** (multi-stakeholder platform/fora)

VISION

Businesses integrate sustainability into their core business practices

THEMATIC AREAS

Circular Economy > Business & Human Rights > Private Sector & SDGs > Voluntary Sustainability Standards > SMEs & Sustainability

SECTORS

Apparel & Textiles > Agro based industries > ICT & Electronics > Minerals & Mining > Gems & Jewellery > Pharma

2. METHODOLOGY OF WORKING ON SUSTAINABLE SUPPLY/VALUE CHAIN

- ❖ Identifying **risks** and measuring impacts along the value chain
- ❖ **Information** dissemination in value chains/supply chain especially covering the vulnerable & marginalised
- ❖ Focus on both **top down and bottom up** engagement in value chains - respect traditional wisdom, culture & local context
- ❖ Leverage on Voluntary Sustainability Standards (**VSS**) for driving sustainability impacts on the ground
- ❖ Create sound working relations with **key stakeholders** (actors)

3. AGRO-BASED INDUSTRIES

- One of the Five Thematic Areas of CRB
- Towards Deforestation free Value Chains
- Combating Air Pollution
- Promoting Responsible Value Chains

Towards Deforestation free Value Chains

SUSTAINABLE PALM OIL

(i) Sustainable Palm Oil Coalition for India (I-SPOC, www.indiaspoc.org) founded by CRB, WWF, Roundtable on Sustainable Palm Oil (RSPO) and Rainforest Alliance

➤ **Private sector driven multi-stakeholder initiative** to promote sustainable consumption and trade of palm oil (& derivatives) across the supply chain in India

(ii) Sustainability Ambassadors

Advocacy with **business, media & youth** - to identify champions to drive uptake of sustainable palm oil in India

Combating Air Pollution

AGRI-RESIDUE MANAGEMENT

- ❖ Investigative study to explore feasibility of converting crop residue into wood composites with an objective to:
 - Promote climate smart choices in stubble management
 - Develop local enterprises at grassroot level
 - Improve economic status of farmers
- ❖ Multi-stakeholder engagement with industry experts, technical institutes, government representatives, corporates and manufacturers and farmer representatives
- ❖ Next steps – explore feasibility of decentralized, small-scale farmer owned composite board units

Promoting Responsible Value Chains

AGRO-VALUE CHAIN IMPACT ON SDGs

- ❖ Evidence-based project (based on practice level and academic research)
- ❖ Identifies and highlights methodologies for achieving sustainable and inclusive **Global Value Chains in four sectors**, including the agro-processing sector aimed at benefiting the youth, women and sustainable consumption and production **(SDGs 4, 5, 8, 12, 13)**
- ❖ Focus on interactions between brands/ lead firms and their value chains for policy and practice (industry) level discussions and actions through multi-stakeholder processes in the Agro-Processing sector
- ❖ Evidence creation through case studies, briefing papers, policy notes, toolkits etc.

CONTACT US

CENTRE FOR RESPONSIBLE BUSINESS

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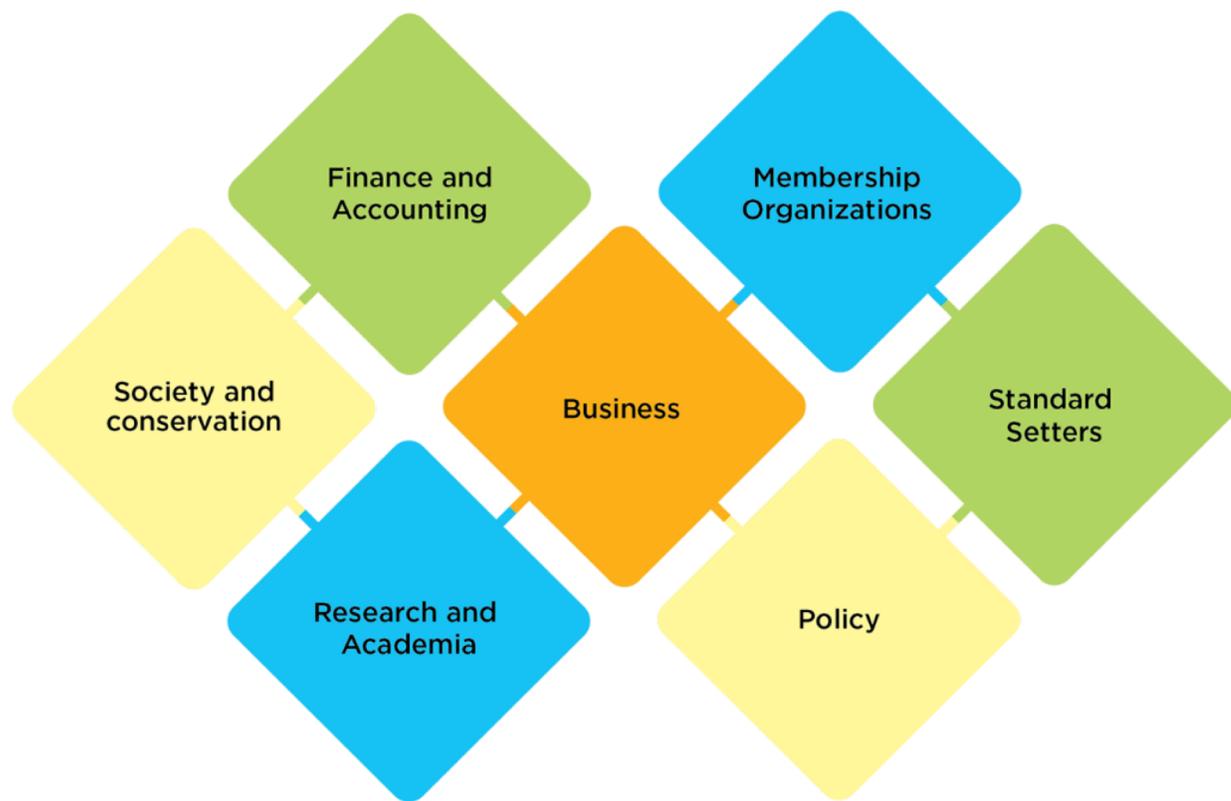
CALL US : +91-11-41088853, 41841091

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Introduction of the Capitals Coalition

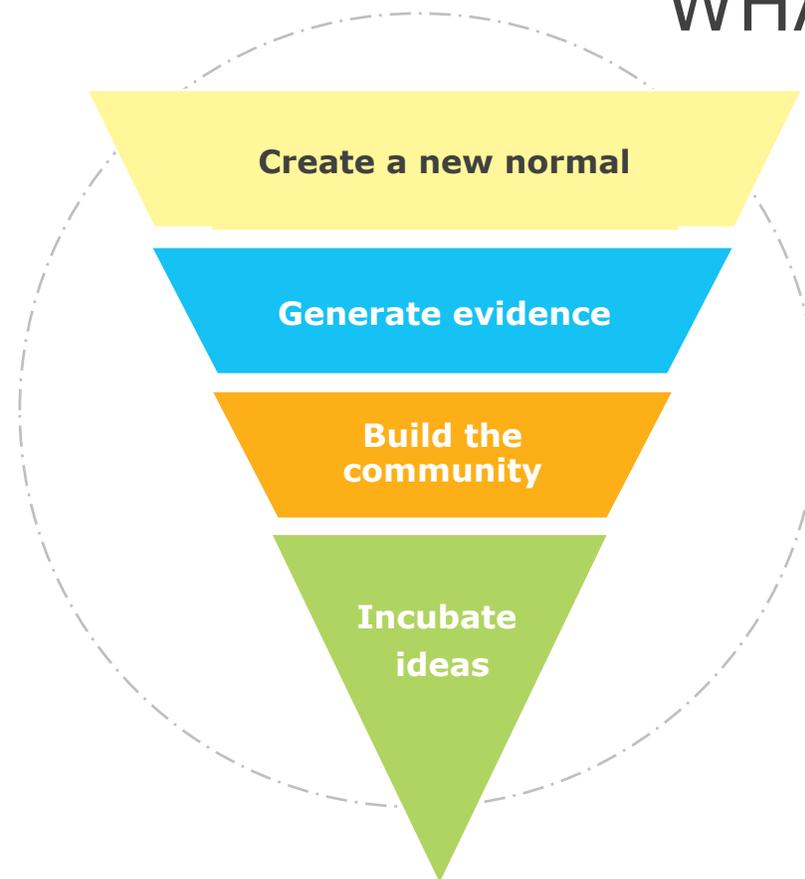
The **Capitals Coalition** is a global collaboration transforming the way decisions are made by including the value provided by nature, people and society.

HOW



370+ core organizations
20,000 actively collaborating around the world

WHAT



Decision makers focus on financial information and ignore the **value** of our essential relationships with nature and people.



Background on Capitals Thinking

The background features a solid light blue upper section. Below this, there are several overlapping, rounded geometric shapes in shades of green and yellow. A large, light yellow shape rises from the bottom left towards the center. Overlapping its right side is a darker green shape that extends towards the top right. Another medium green shape overlaps the bottom right of the yellow shape. The overall composition is modern and abstract.

What are the capitals?

Integrated decision making (or capitals thinking) includes the value of our impacts and dependencies on nature, people, societies and economies

Produced Capital

All **man-made assets**, such as buildings, factories, machinery, physical infrastructure (roads, water systems) as well as all financial assets

Natural capital

Stock of renewable and non-renewable **natural resources**, (e.g. plants, animals, air water, soils, minerals) that combine to yield a flow of **benefits** to people

Human capital

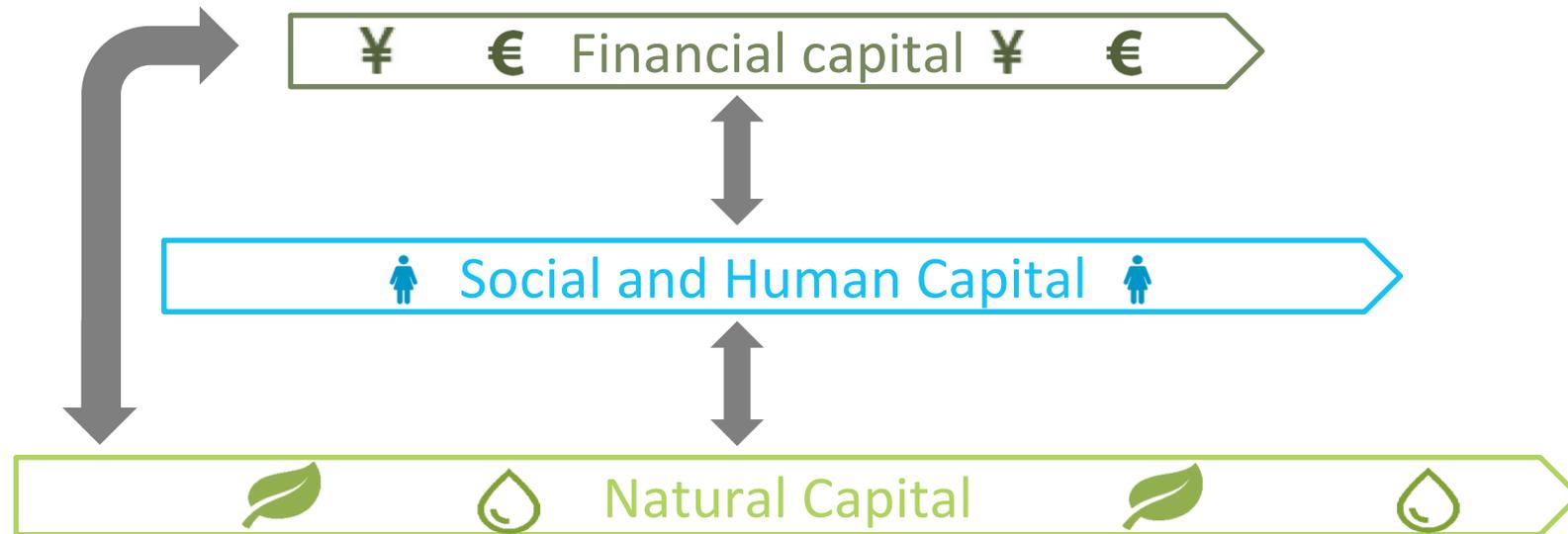
The **knowledge, skills, competencies** and attributes embodied in individuals that facilitate the creation of personal, social and economic **well-being**

Social capital

Networks together with **shared norms, values** and **understanding** that facilitate cooperation within and among groups

How do different capitals connect?

Natural, social and economic issues are fundamentally interconnected and cannot be separated from one another



Natural Capital underpins all the other capitals and without it we would not have social and human or financial capital

What is capitals thinking?

It revolutionizes how we make decisions.....

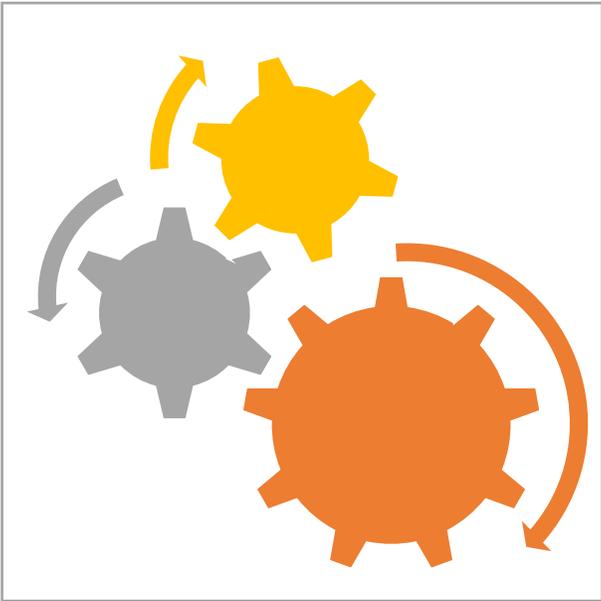
Impact → Dependency



Measurement → Valuation

Qualitative	Quantitative	Monetary
High	2m32s 4.3	£ \$
Significant	76.8%	₩ ¥
Important	45,849	₱ R\$
Efficient	23,406	₹ €
Endangered	1,127 3.76%	
Low Medium	12.75	A\$

Silos → Systems

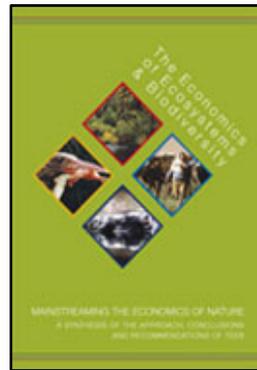




The Protocols

International frameworks for business to identify, measure and value its impacts and dependencies on natural, social and human capital

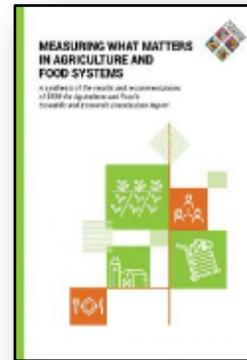
Landscape of frameworks to support decision making in food systems



Mainstreaming the Economics of Nature

The Economics of Ecosystems and Biodiversity foundation report

2010



TEEB AgriFood Evaluation Framework

The case for measuring impacts and dependencies in agriculture and food systems

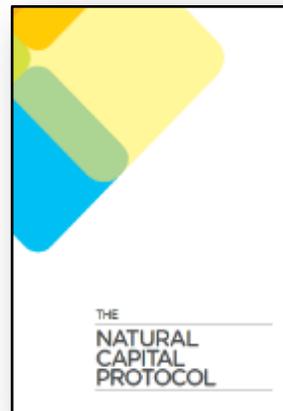
2018

Our project

Specific guidance for agri-businesses based on TEEB AgriFood framework and the Natural and Social & Human Capital Protocols

2020

2016



Natural Capital Protocol

Framework to measure business impact and dependency on nature developed by the Natural Capital Coalition

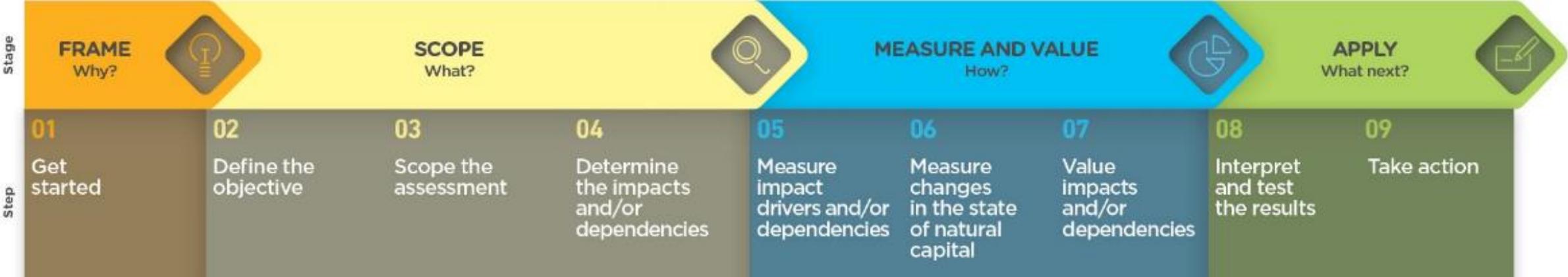
2019



Social & Human Capital Protocol

Framework to measure business impact and dependency on people developed by the Social & Human Capital Coalition

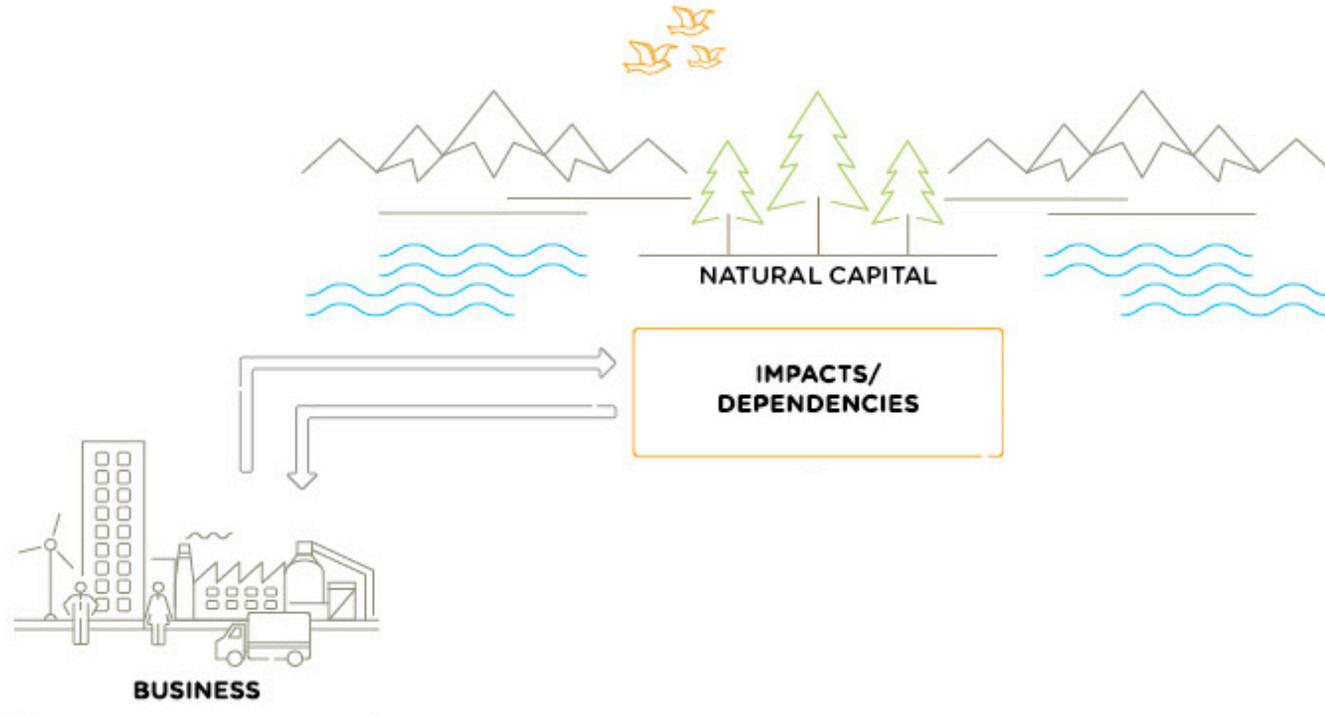
Natural and Social & Human Capital Protocols Framework



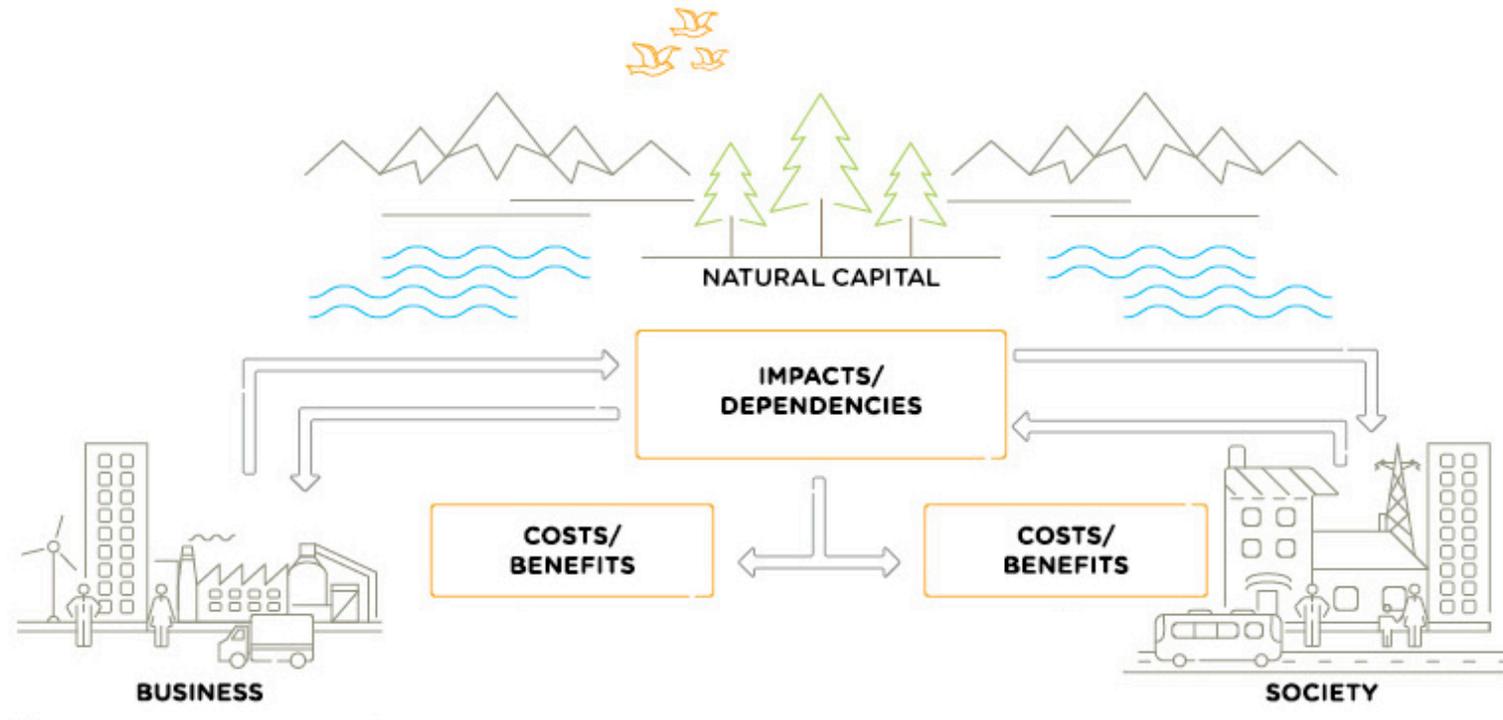
Frame stage: Why?



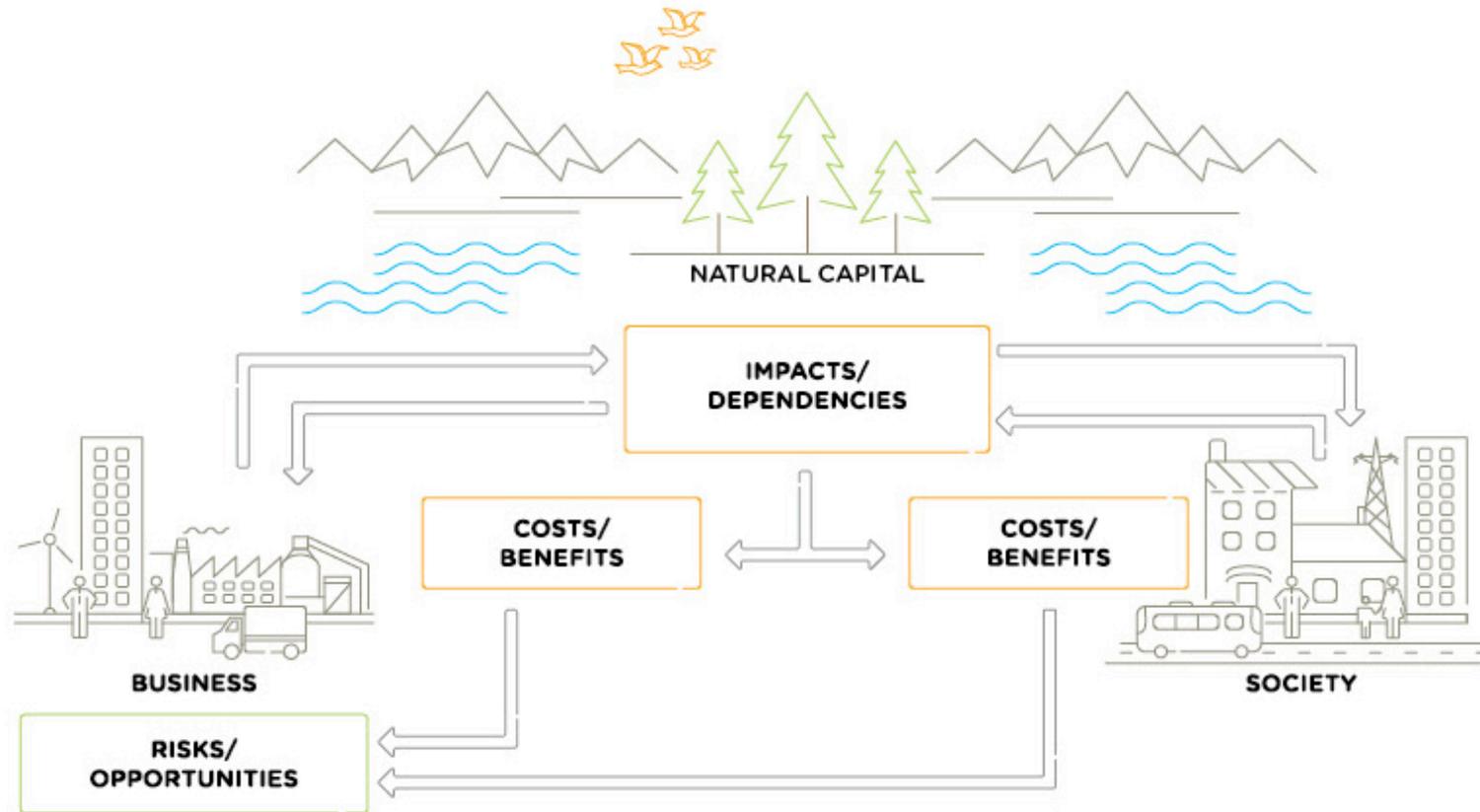
Natural capital and business



Natural capital and business

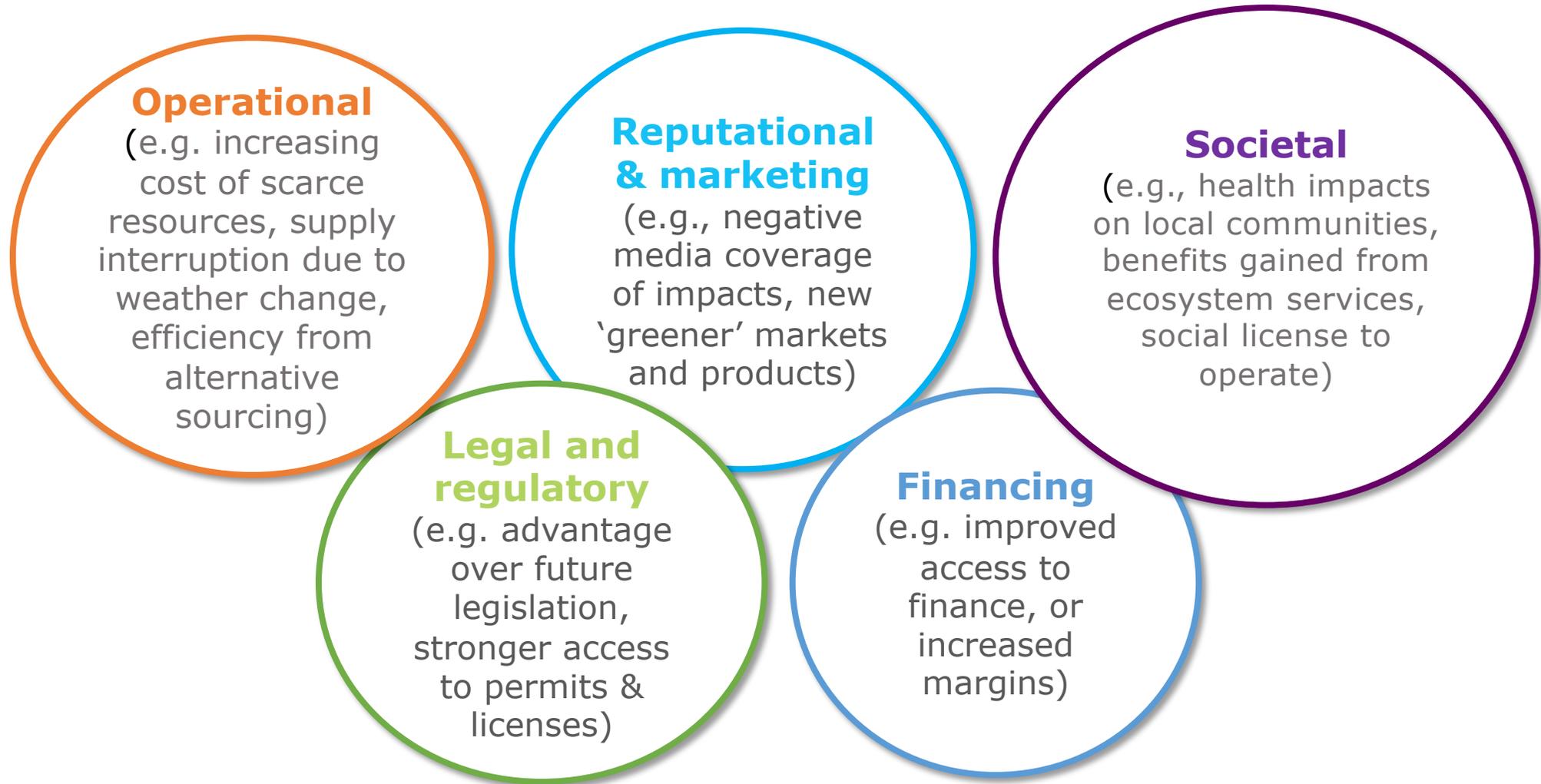


Natural capital and business

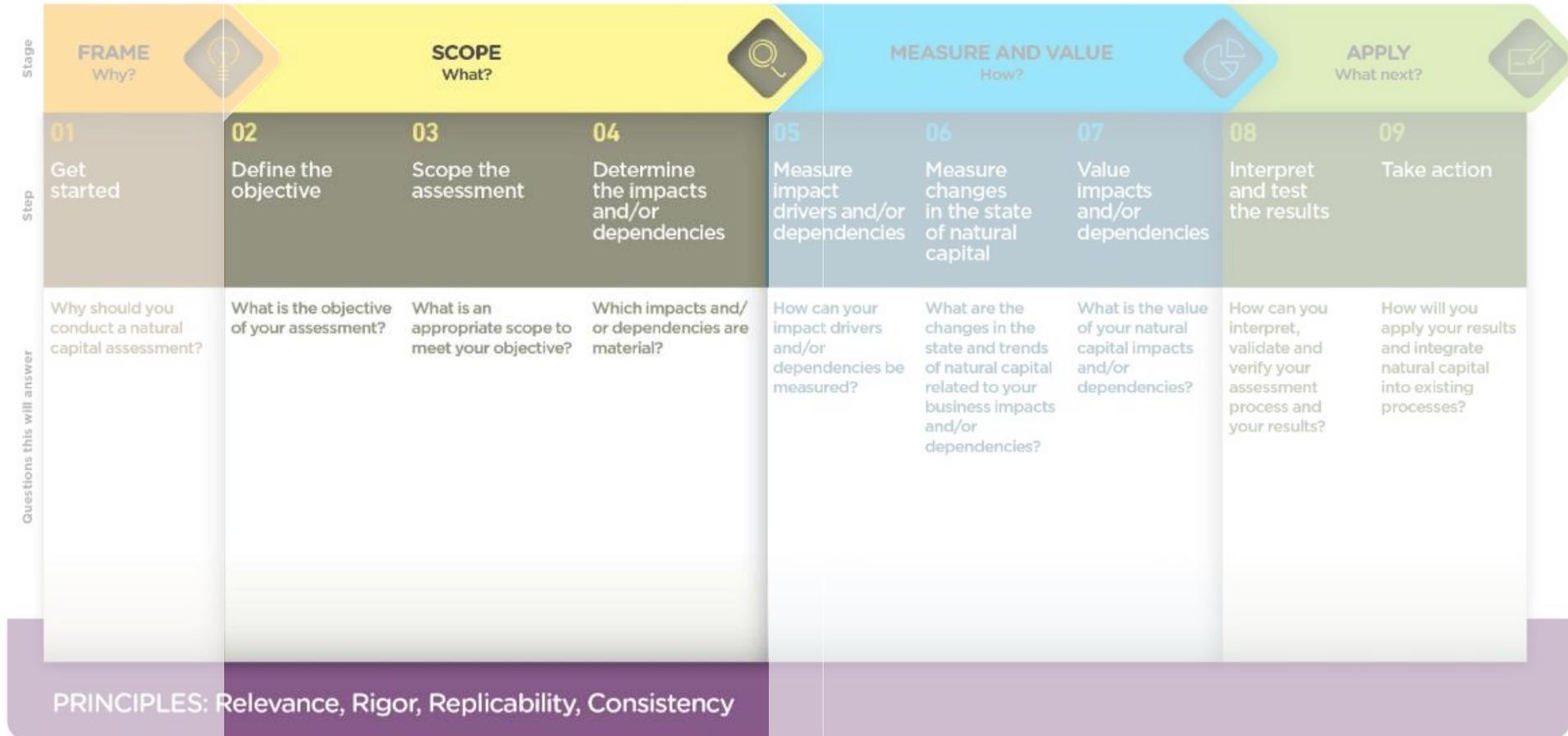


Risks and opportunities: Natural Capital

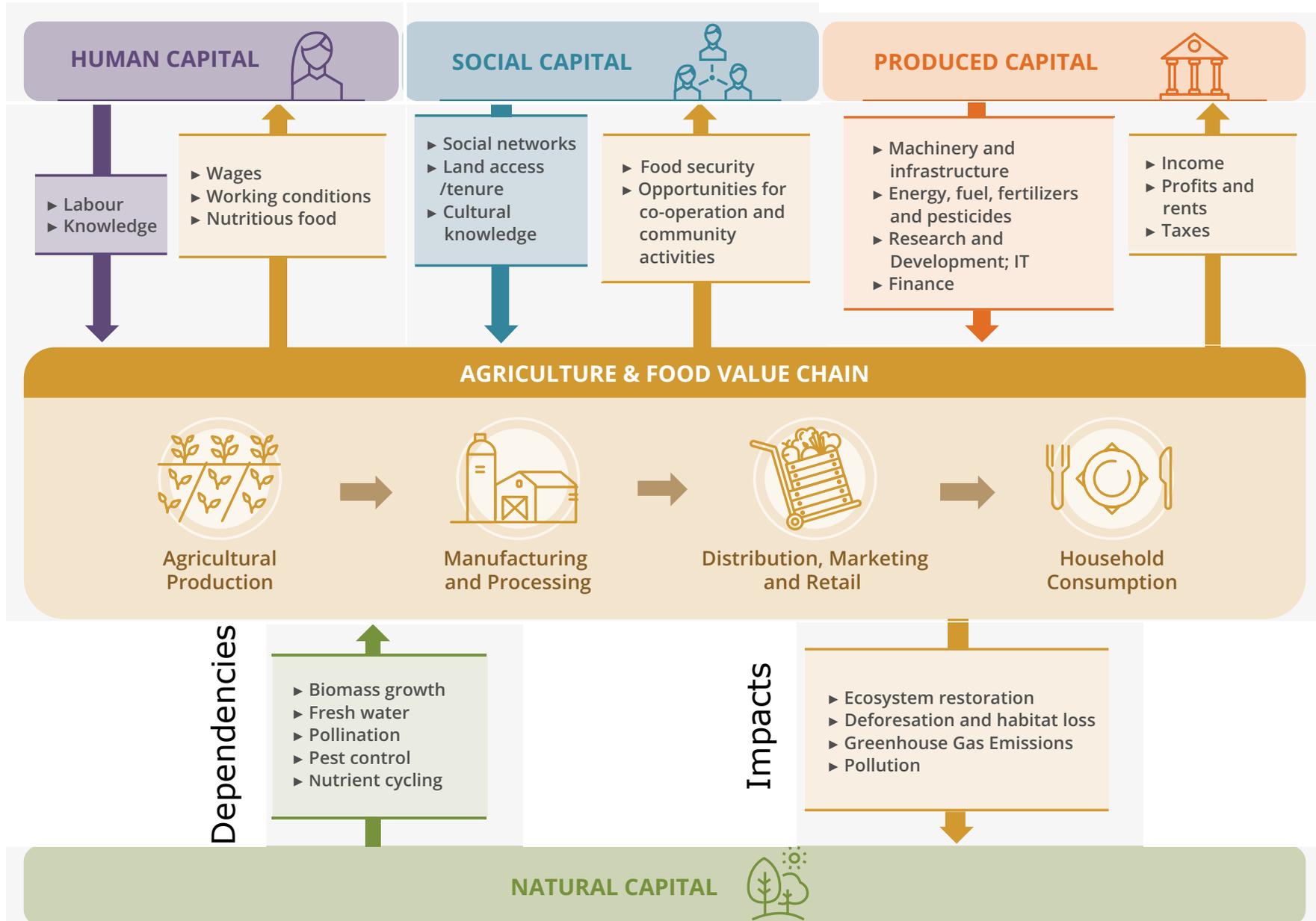
Many natural capital risks and opportunities are becoming increasingly visible, and **business needs a way to understand and manage these.**



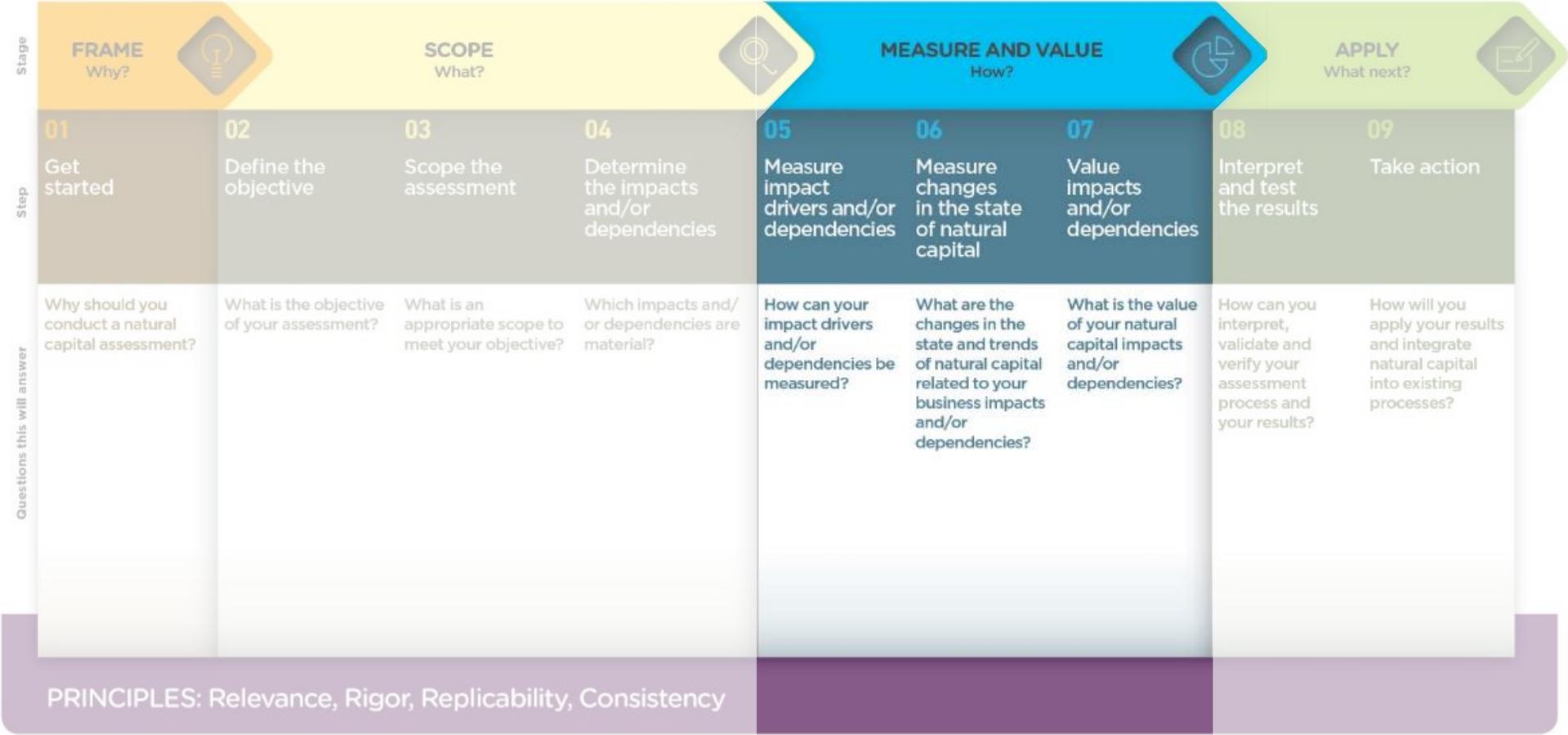
Scope stage: What?



The **TEEB AgriFood Evaluation Framework** is a set of definitions and descriptions **supporting a framework of analysis** that can enable us to answer the question **“what should we value?”**



HOW? Measure and value



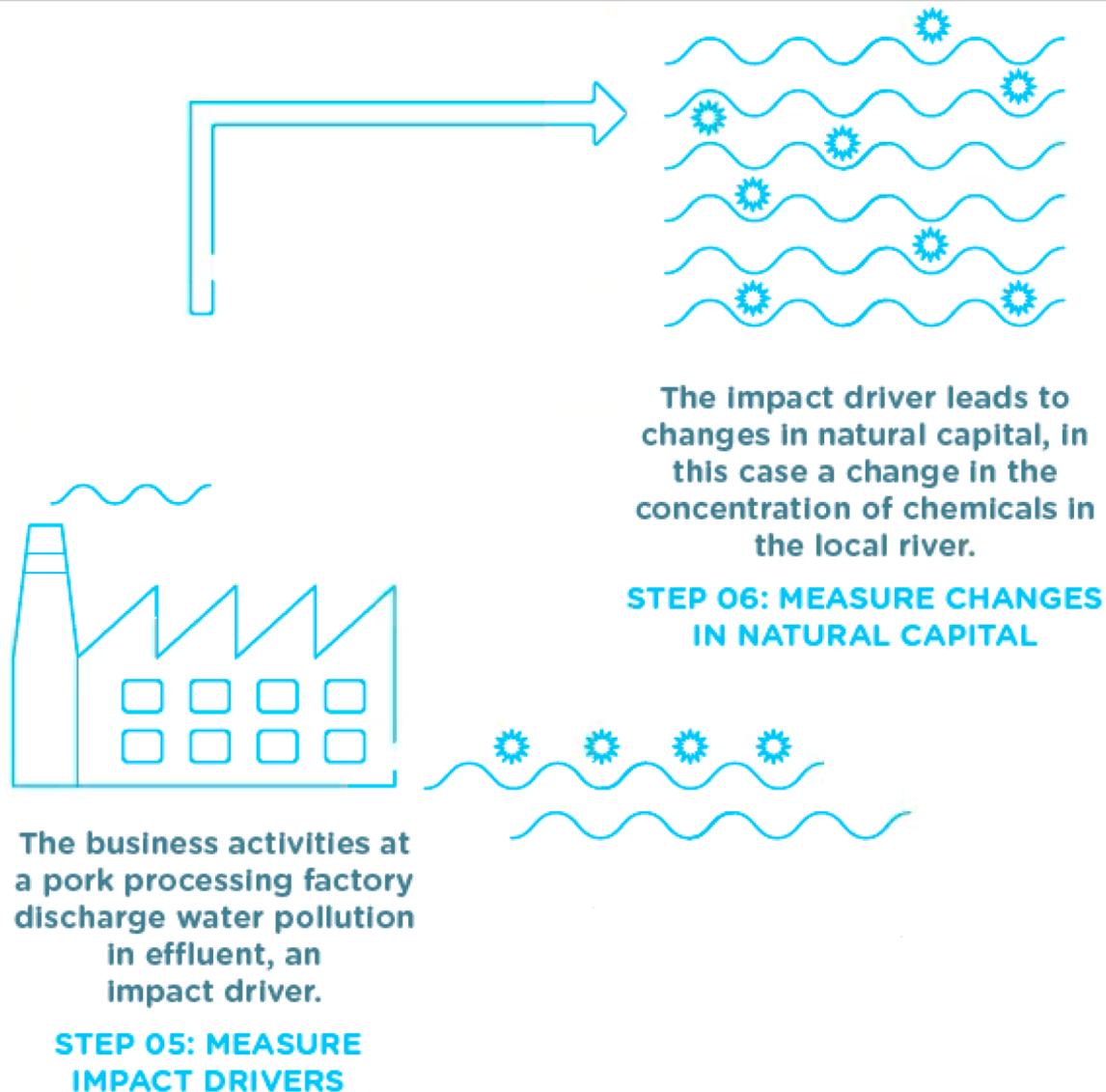
Pork - Example Impact Pathway



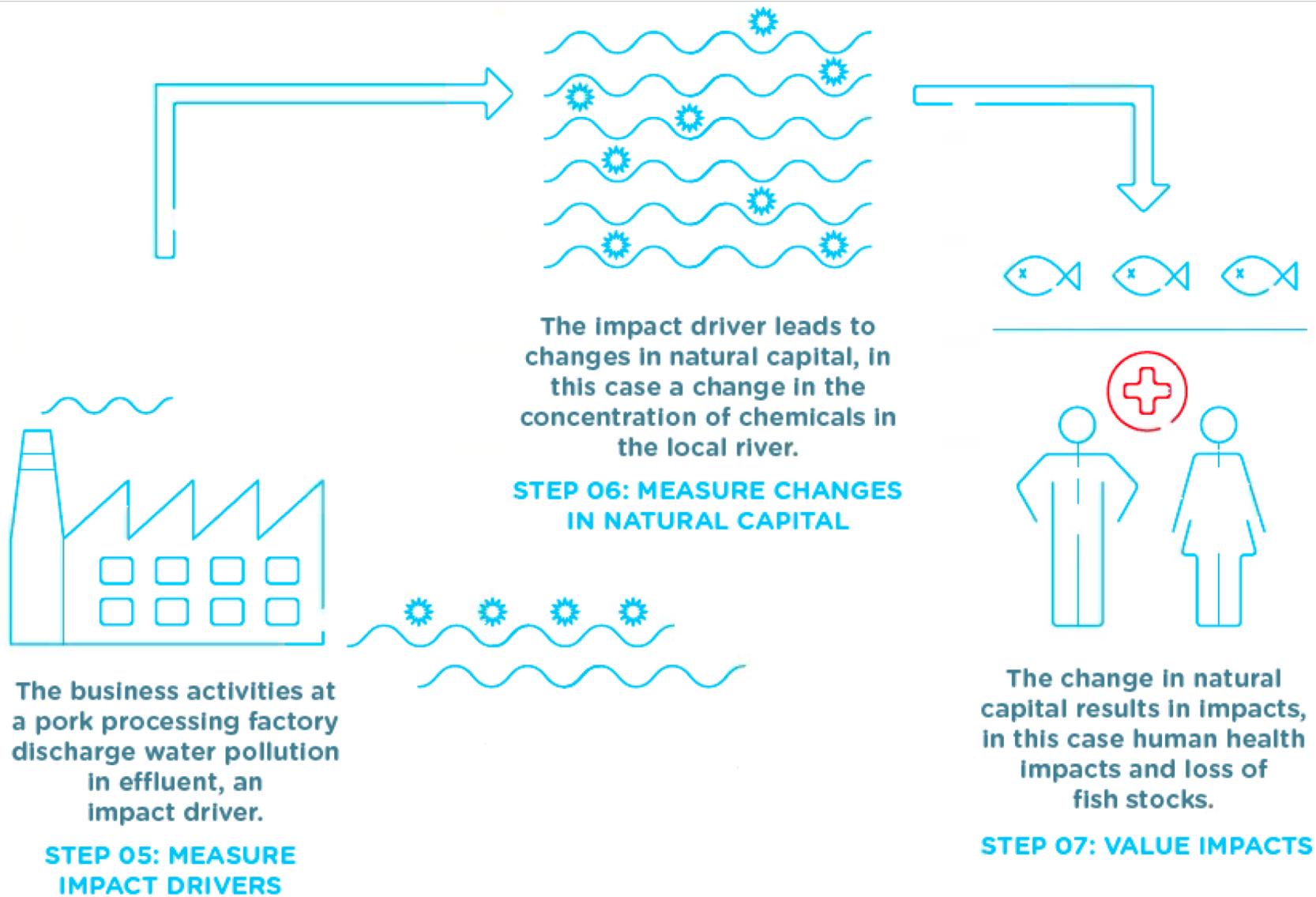
The business activities at a pork processing factory discharge water pollution in effluent, an impact driver.

**STEP 05: MEASURE
IMPACT DRIVERS**

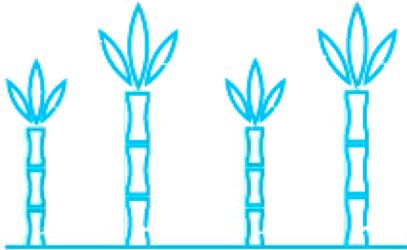
Pork - Example Impact Pathway



Pork - Example Impact Pathway



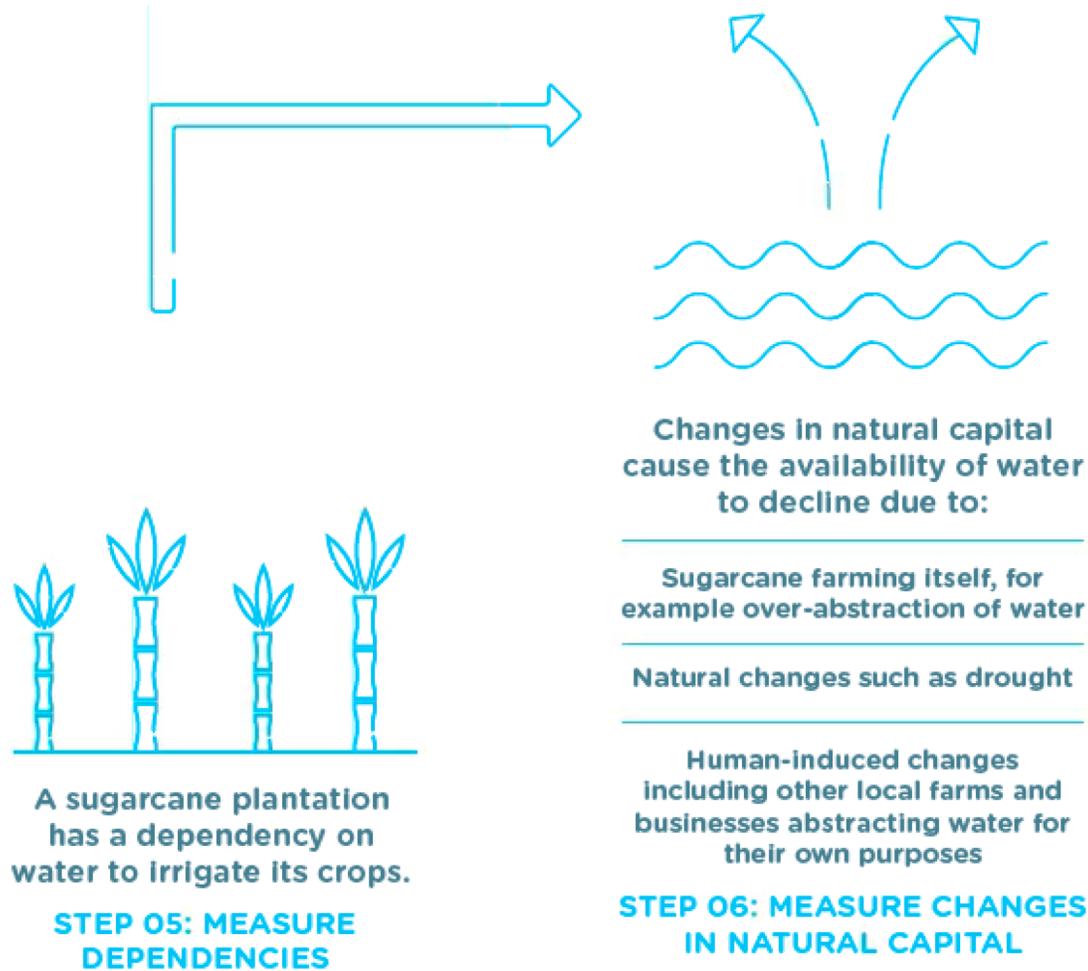
Sugarcane - Example Dependency Pathway



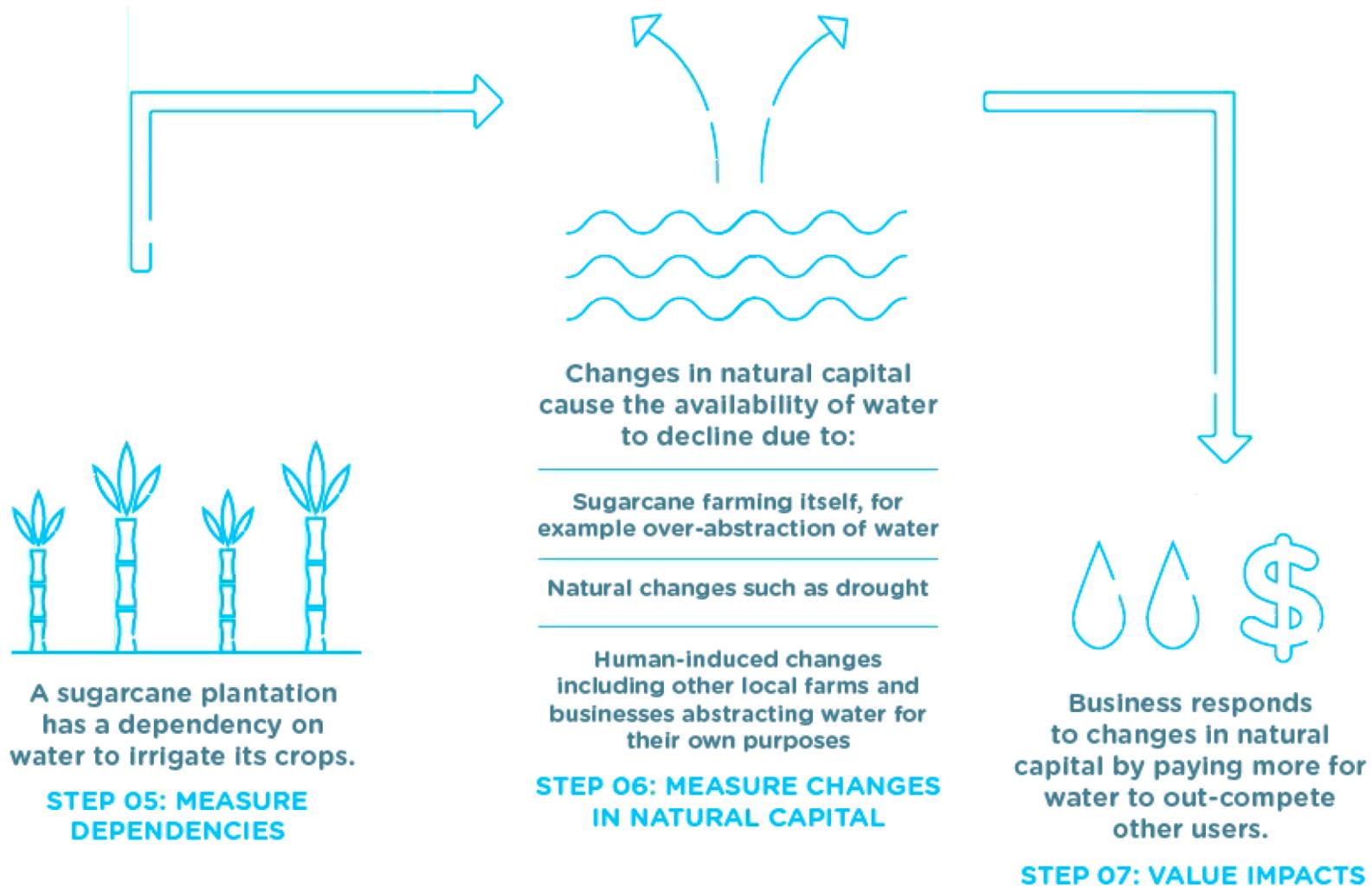
A sugarcane plantation has a dependency on water to irrigate its crops.

STEP 05: MEASURE DEPENDENCIES

Sugarcane - Example Dependency Pathway



Sugarcane - Example Dependency Pathway



Apply stage: What next?





CASE STUDY **Tata Coffee**



WHY:

To inform sustainability initiatives, manage risk, understand supply chain, communicate through integrated reporting

WHAT:

Natural capital assessment on plantations

Impacts

Water consumption and pollution
Land use change
Solid waste
Biodiversity
Air pollution and GHG

Dependencies

Limestone
Sea water
Freshwater

DECISION:

Trialling the use of an internal carbon price for screening of CAPEX items and in operational decision making

CASE STUDY
OLAM Sugar Cane

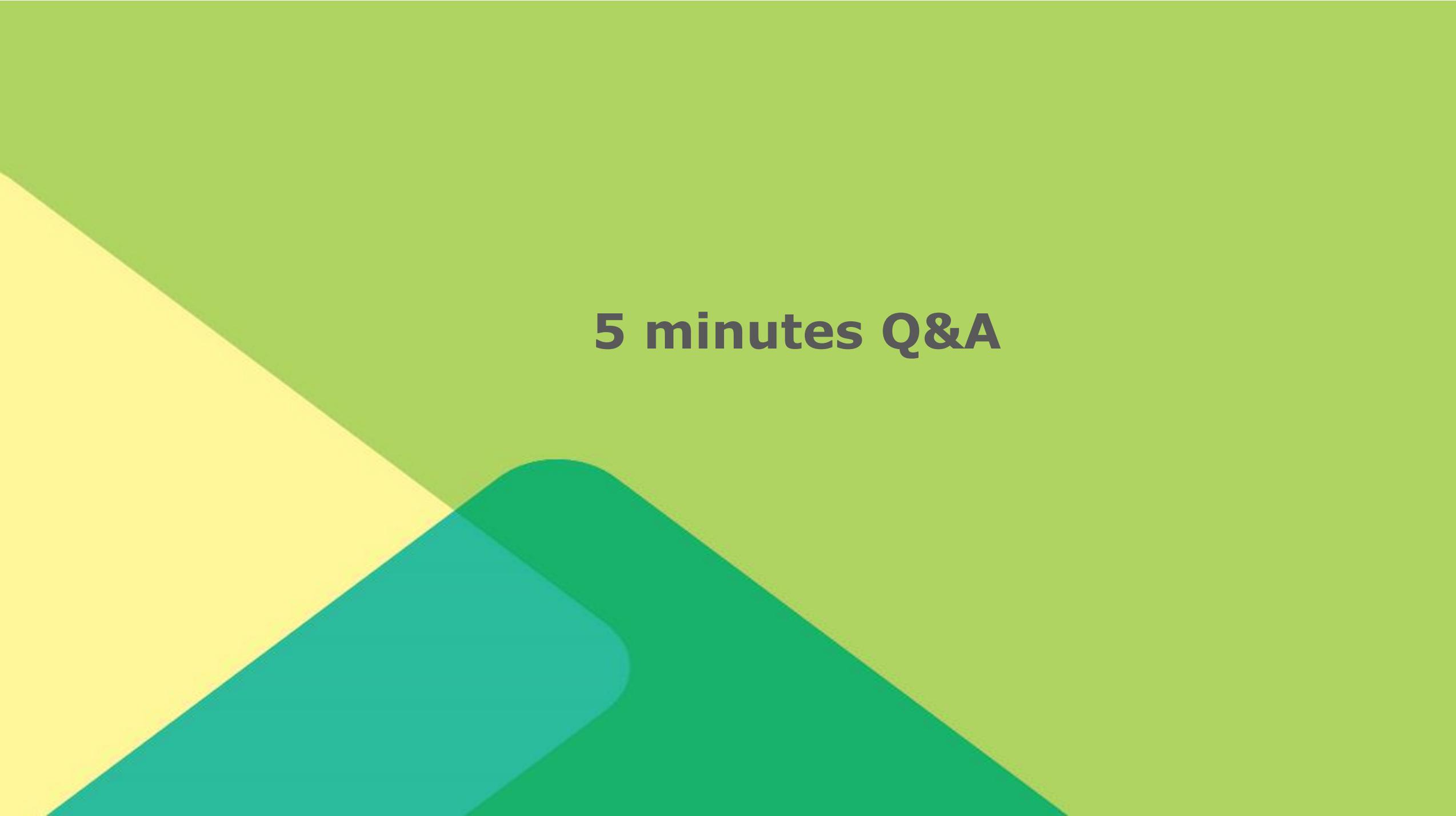
WHAT:

Use of natural capital assessments on sugar cane plantation in Maharashtra and Madhya Pradesh

Result:

- ✓ Overall productivity increased by 15%
- ✓ 62 billion liter water avoidance over 3 years



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5 minutes Q&A

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TEEBAgriFood Implementation Project

And insights about our work in India

TEEBAgriFood Implementation Project - Goal:

to protect biodiversity and contribute to a more sustainable agriculture and food sector

By engaging with agri-businesses, governments and other stakeholders in 7 partner countries:

Brazil, China, India, Indonesia, Malaysia, Mexico and Thailand

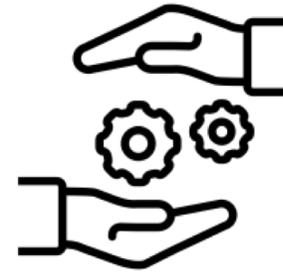


The Economics of Ecosystems and Biodiversity: promoting a sustainable agriculture and food sector

TEEBAgriFood Framework Implementation



Public sector
engagement



Private sector
engagement



**CAPITALS
COALITION**



Funded by the
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Project Overview

WHO?



**CAPITALS
COALITION**

WHAT?

Country specific analysis

Policy mapping

Determine and refine the case studies

Scenario analysis

Develop a roadmap

Deliver change & ensure project sustainability

Communications and mainstreaming

Engagement with agri-businesses

Support communications and mainstreaming

Engagement with agri-businesses

WHAT?

Engagement with
agri-businesses

HOW?

Guidelines for business

Country-by-country collaboration

Roundtables

Trainings

Gather application

Guidelines for business

- Guidelines for business
- Country-by-country collaboration
- Roundtables
- Trainings
- Gather application



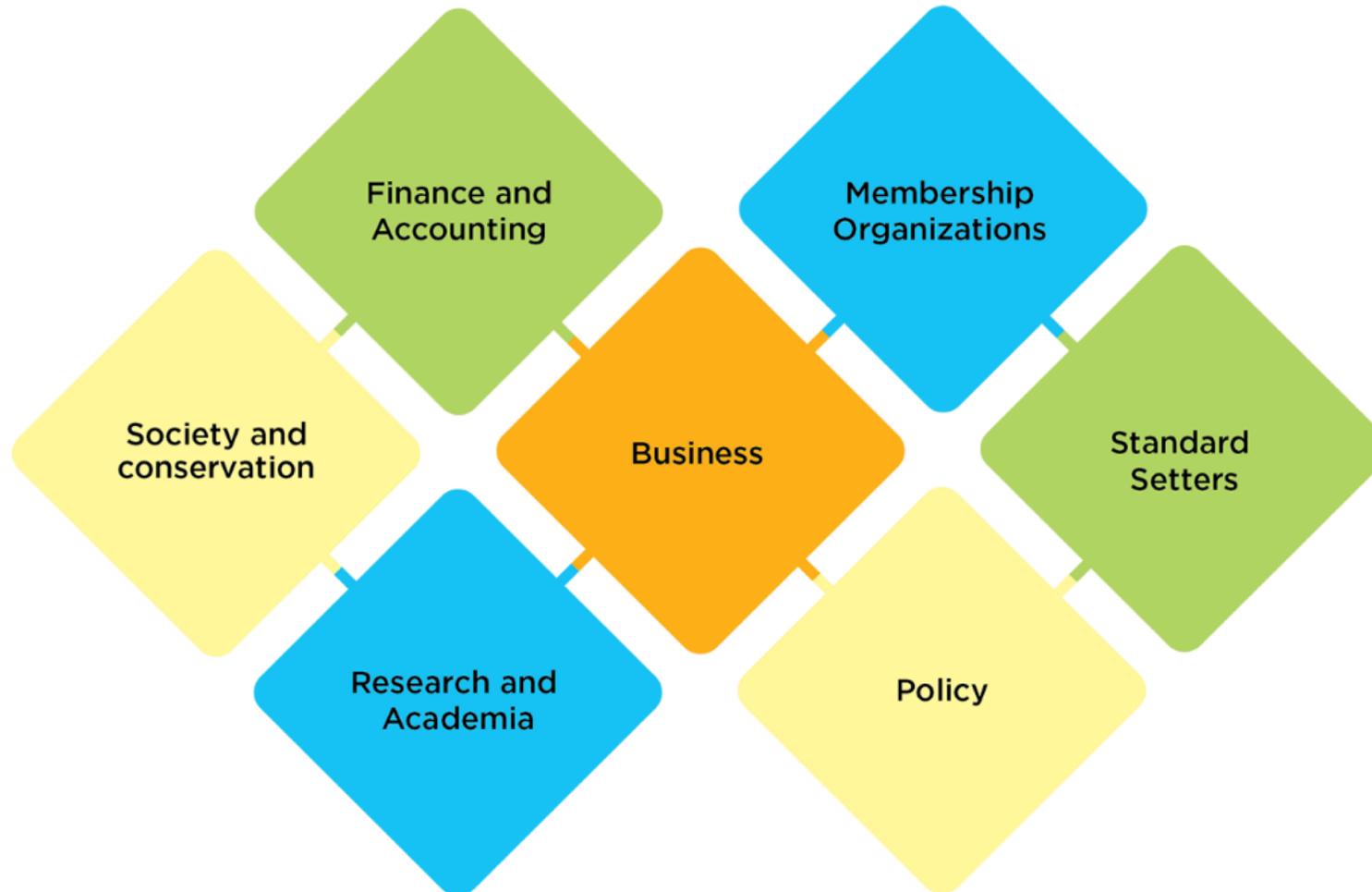
Country by country collaboration

- Guidelines for business
- Country-by-country collaboration
- Roundtables
- Trainings
- Gather application



Roundtable discussions

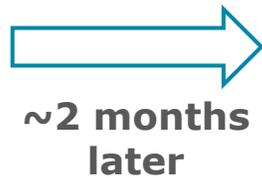
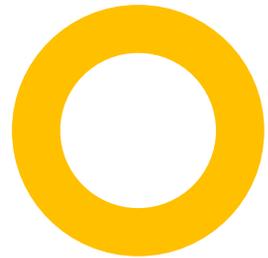
- Guidelines for business
- Country-by-country collaboration
- Roundtables
- Trainings
- Gather application



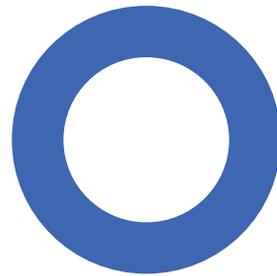
Training and gathering application



Roundtable



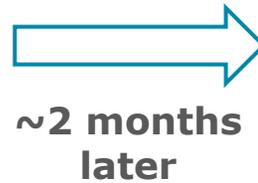
Training session 1



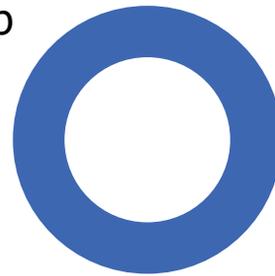
Follow-up



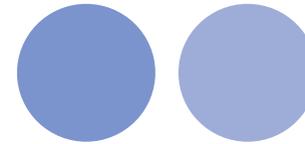
Initiate application



Training session 2



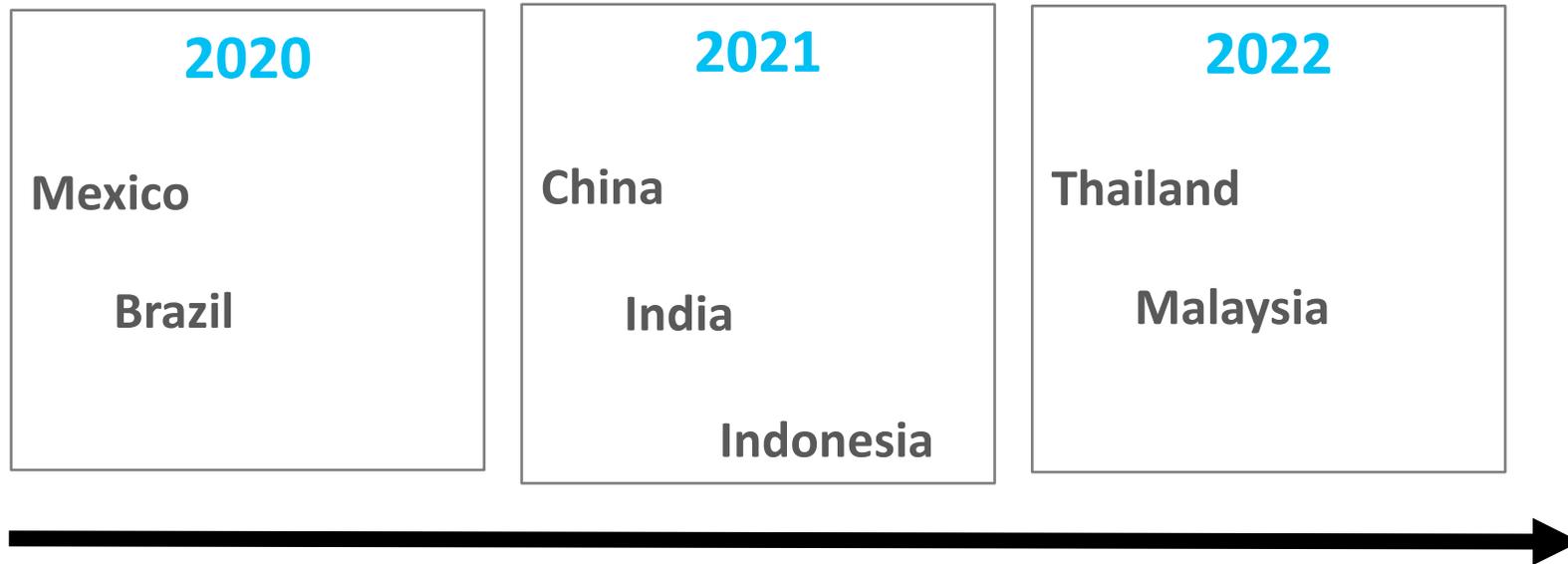
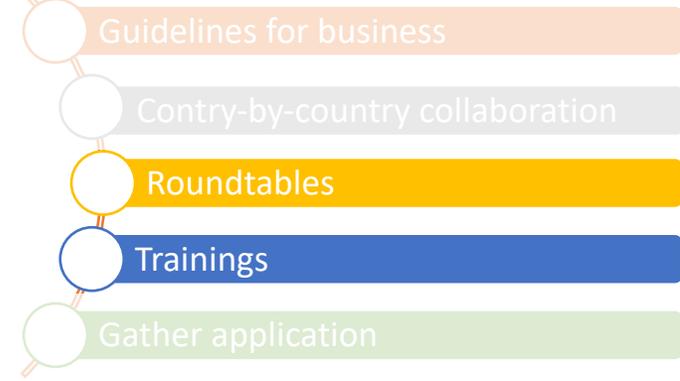
Gather application

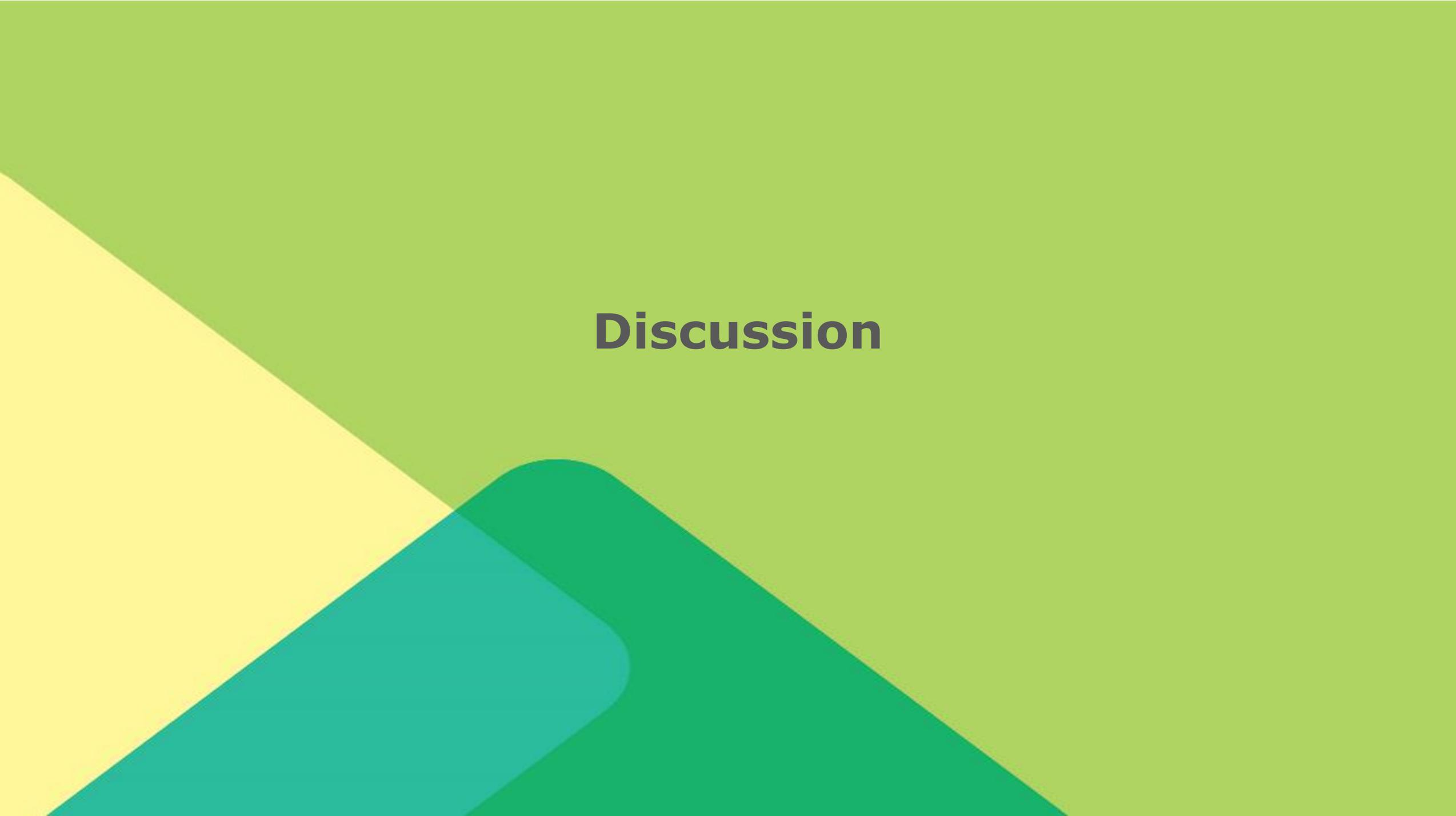


Complete application



Roundtables and training timeline



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Discussion

Contacts

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