

SIDE EVENT at the CBD Regional Consultation Workshop on the Post-2020 Global Biodiversity Framework for Asia and the Pacific, NAGOYA, JAPAN, 29 JANUARY 2019

IPSI Collaborative Activity



"JOINT RESEARCH ON COMPARATIVE STUDY OF INTEGRATED LANDSCAPE APPROACHES TO CONSERVATION OF PRODUCTION LANDSCAPES AND SEASCAPES"

(Phase 2 of UNU-IAS & University of Tokyo IR3S research project on NBSAPs, supported by SCBD)

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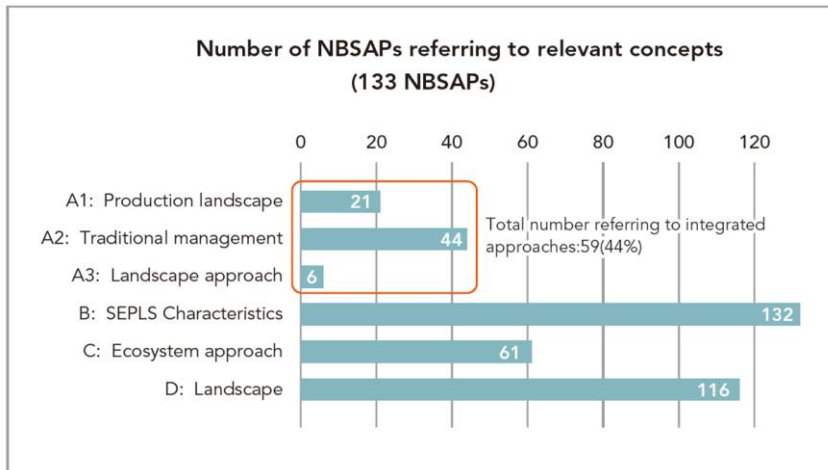
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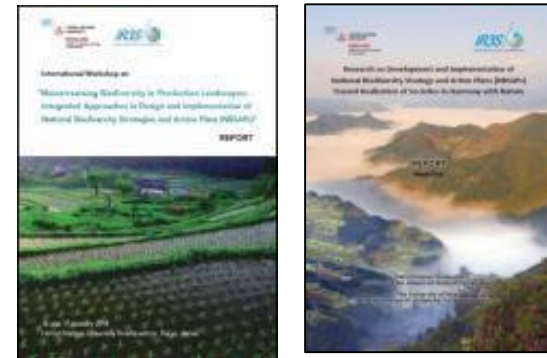


National Biodiversity Strategic Action Plan (NBSAPs) Research Project

- UNU-IAS and the **University of Tokyo Integrated Research System for Sustainability Science (UT-IR3S)** Joint Research:
 “Development and Implementation of NBSAPs: Toward Realization of Societies in Harmony with Nature”
- IPSI Collaborative activity to support SCBD’s work on NBSAP processes
- Phase 1 (2016-2018) found that **about half of 133 NBSAPs** examined referred to production landscapes concepts and almost all (132/133) referred to related characteristics
 - These landscape concepts/characteristics **co-occurred closely with mainstreaming**
 - Potential to **reinforce the implementation of landscape approaches to enhance mainstreaming**



Publications



Reports on International Workshop and Phase 1 Research Findings (also shared on CBD website)

- In cooperation with SCBD, ongoing Phase 2 (2018-2020) will **develop SCBD technical guide** to incorporate and implement **integrated approaches of production landscapes and seascapes** under NBSAPs

Background of Research

- At COP 13, 2016: **Mainstreaming of biodiversity into sectors** including agriculture, forestry, fisheries and tourism etc.
- ***Integrated approaches in production landscapes and seascapes***
 - include **socio-economic aspects**, are shaped by high levels of human intervention involving **productive, cultural, aesthetic, or educational** activities
 - expected to **contribute to mainstreaming of biodiversity** into relevant production sectors and to **achieving many of the ABTs**
 - can help Parties **involve relevant ministries, agencies and stakeholders** to mainstream biodiversity, and **capture existing measures** under their NBSAPs implementation

COP13-COPMOP8-COPMOP2
CANCUN, MEXICO 2016



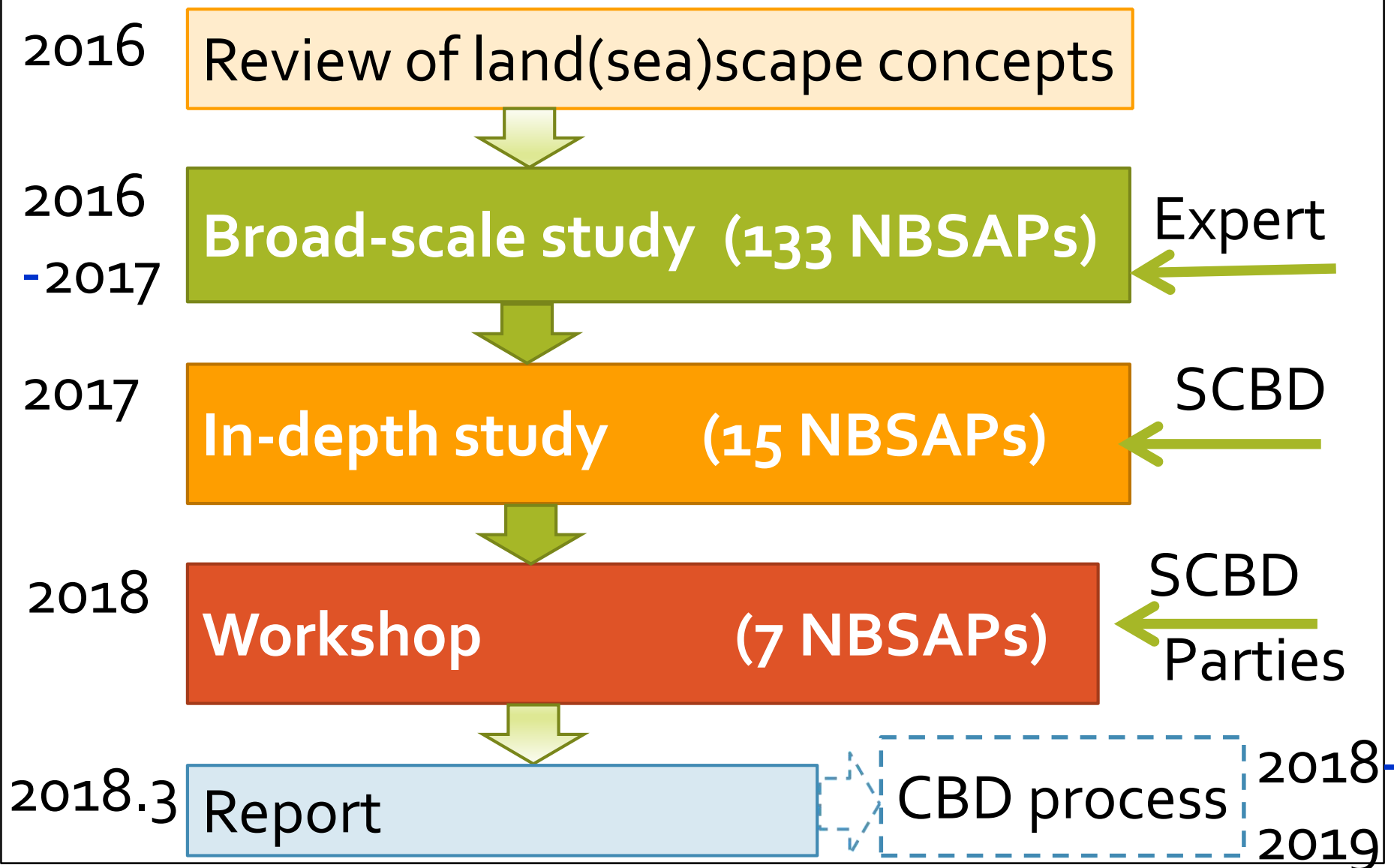
MAINSTREAMING BIODIVERSITY FOR WELL-BEING
CONVENTION ON BIOLOGICAL DIVERSITY

Phase 1(FY2016-FY2017): Research Objectives

- How “*integrated approaches in production landscapes (and seascapes)*” are being **incorporated into and implemented under NBSAPs** ?
- How they are contributing to the **achievement of the Aichi Biodiversity Targets**?
- Provide useful knowledge for future NBSAP development and implementation.



Overview of Phase 1 Research



Broad-scale study (133 NBSAPs)

Objectives

Are the concepts related to integrated approaches in production landscapes (and seascapes) referred to in NBSAPs?

Data set

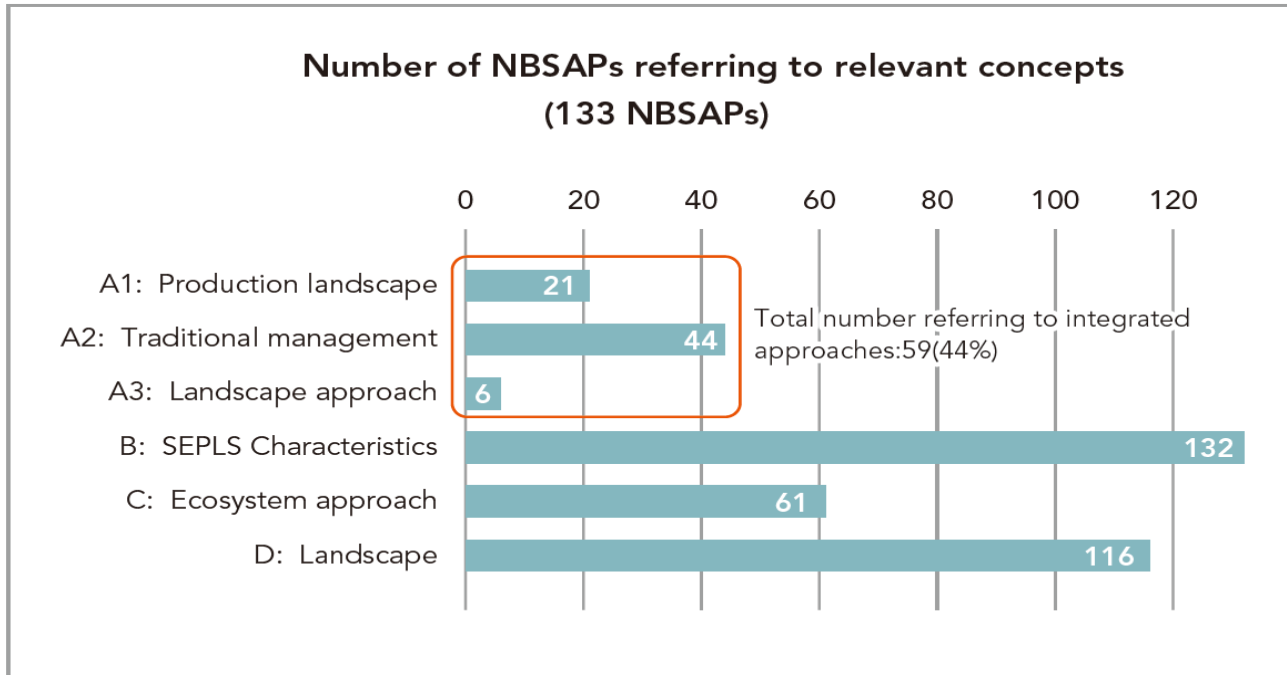
➤ **All countries' latest NBSAPs**, in English, shared on the CBD website by 31 July 2016
(total number analyzed: **133** out of 185).

Methodology

Text mining

Group		Code	Examples of Keywords
A: Integrated Approaches in Production Landscapes	A1: Production landscapes	* GIAHS	Globally Important Agricultural Heritage Systems, GIAHS
		* SEPLS	SEPL, SEPLS, socio-ecological production landscape, social ecological production landscape
		* Cultural landscape	Cultural landscape, biocultural landscape, high-nature-value farmland
	A2: Traditional management	* Traditional natural resource management	dehesa, ahupua'a, satoyama, muyong, community forestry, transhumance, agroforestry, homegarden, etc.
	A3: Landscape approach	* Landscape approach	Landscape approach, integrated landscape management
B: SEPLS Characteristics		*Dynamic mosaics of habitats and land and sea uses	dynamic mosaic, mosaic land use, heterogeneous landscape
		*Harmonious interactions between people and nature maintains biodiversity	human influenced landscape, society, harmony with nature, etc.
		*Providing humans with the goods and services in a sustainable manner	sustainable natural resource use, etc.
		*Be deeply linked to local culture and knowledge	local knowledge, local culture, traditional knowledge, etc.
C: Ecosystem approach		*Ecosystem approach	Ecosystem approach
D: Landscape		*Landscape	landscape
		*Seascape	seascape

Broad-scale study Results



- **About half (44%)** referred to the production landscapes concepts
- **Almost all (132/133)** referred to characteristics related to production landscapes

Suggest potential:

1. reinforcing implementation of these concepts under NBSAPs
2. identifying existing policies related to landscape approaches that can be included/accounted under NBSAP

In-depth study

Objectives

What measures taken to implement the concepts in the NBSAPs?

Data Set

15 NBSAPs and National Reports, that included the concepts related to the integrated approaches in production landscapes

Ethiopia (2016, v2), Ghana (2002, v1), Namibia (2015, v2), South Africa (2016, v2), Colombia (2012, v2), Dominica (2014, v2), Cambodia (2016, v2), Japan (2013, v5), Jordan (2015, v2), Nepal (2014, v2), Estonia (2014, v2), Greece (2014, v1), Switzerland (2012, v2), United Kingdom (2011, v3), Fiji (1995, v1)

In-depth study (NBSAPs)

Interrelationship between Integrated approaches in production landscapes (A) and Biodiversity mainstreaming (BM)

- Both concepts are well connected
- **A in BM: 48%** (251/561); **BM in A: 74%** (251/341)

Group A: Integrated approaches in production landscapes (and seascapes)

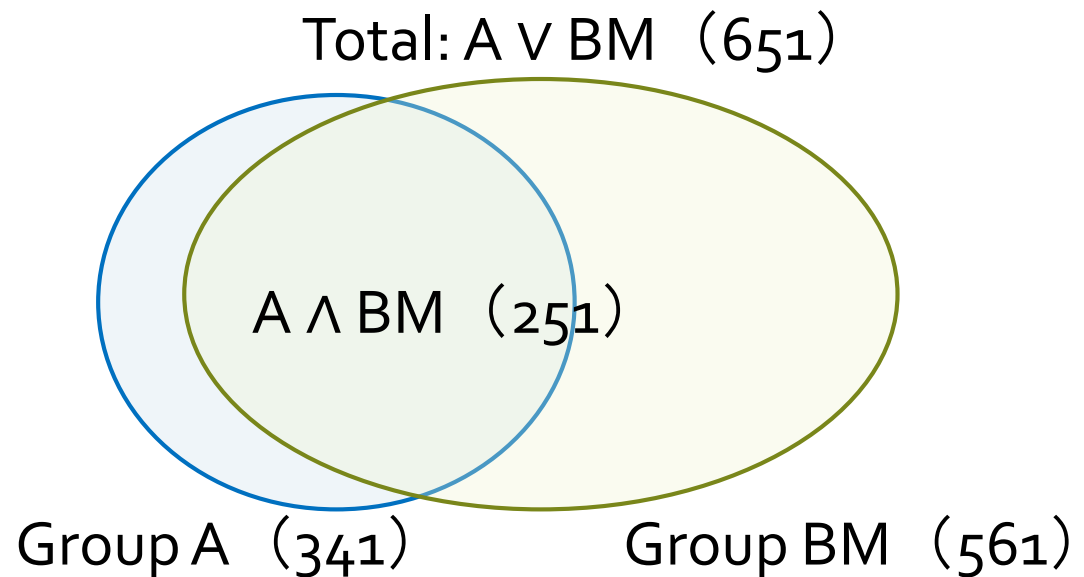
A1: Production landscapes

A2: Traditional management

A3: Landscape approach



Group BM: Biodiversity mainstreaming



Landscape concepts/characteristics **co-occurred closely with mainstreaming**
→ **Suggest usefulness to promote mainstreaming of biodiversity**

Workshop (7 NBSAPs)

16-17 January 2018, UNU (Tokyo, Japan)

Participants:

- 2 policy experts each from 7 national governments (Cambodia, Colombia, Estonia, Ethiopia, Japan, Mexico and South Africa), SCBD, Resource persons



Objectives:

- Examine the **effective measures of incorporation and implementation** of the concepts under NBSAPs
- Discuss contributions to achieving Aichi Biodiversity Targets

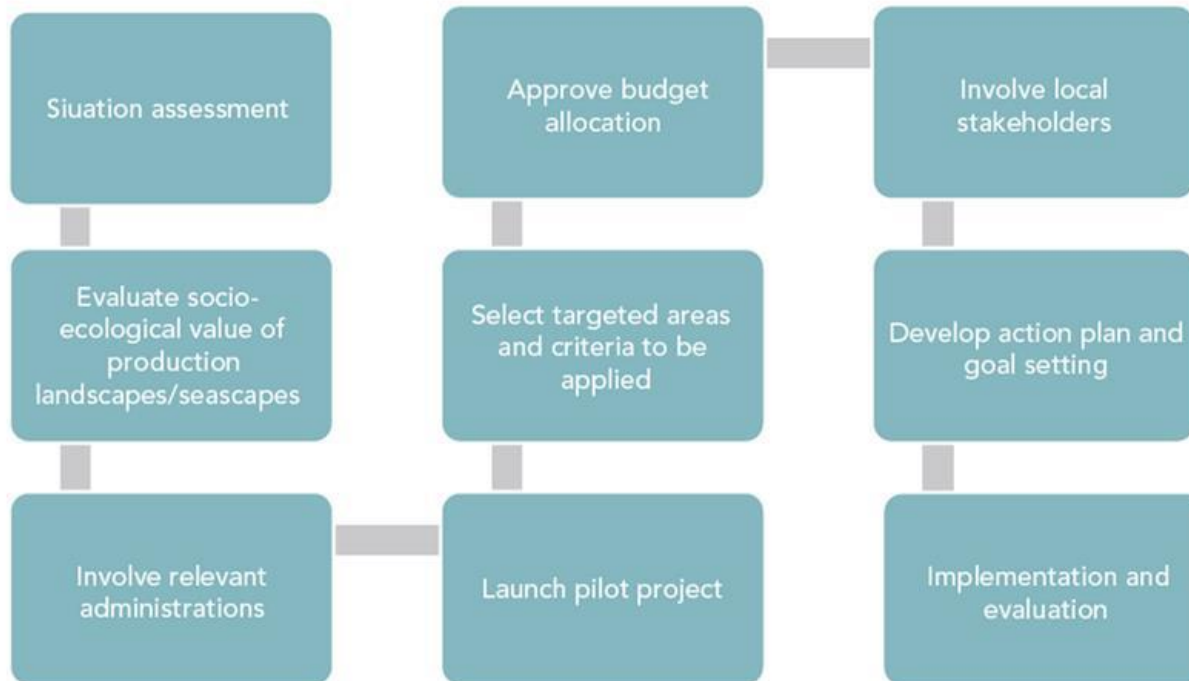


Useful knowledge for incorporating the concepts into the NBSAPs and their effective implementation.

Workshop (Outcomes)

- Participants called for **enhance cooperation** at national and international levels, and propose **process** for incorporation and implementation

Process of incorporation and implementation



National and International cooperation for incorporation and implementation

National

Cooperation between different ministries and sectors, and cooperation between national, sub-national and local levels:

- Concept integration
- Institutional cooperation
 - Horizontal
 - Vertical
- Communication and education
 - Involving local communities
 - Science-policy interface
 - Environmental accounting
 - Assessment and evaluation
- Incentives for stakeholders
 - Governments
 - Local communities and practitioners

International

Support for national-level implementation by international bodies:

- Enabling common understanding
- Customized know-how for implementation
- Information-sharing mechanisms
- Target setting
- Facilitating trans-boundary approaches

Phase 1: Key Research Findings

QN: What is the status of incorporation/implementation of integrated approaches of production land(sea)scapes under NBSAP?

➤ **Multiple concepts used in NBSAPs;**

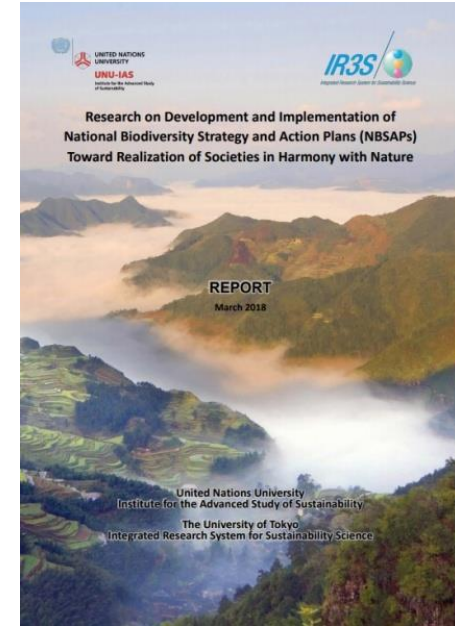
“SEPLS”, “cultural landscapes”, “landscape approaches”, “GIAHS” and related **local terms**

➤ These concepts were;

- 1) referred to (in specific terms) in **about half of** the NBSAPs and most others referred to related characteristics,
- 2) well described in the “**strategies**”, “**targets**”, and “**action plan**” chapters,
- 3) co-occurred with **Biodiversity Mainstreaming**,
- 4) well related to **ecosystem services**,
- 5) contributing the most to achieving **Aichi Biodiversity Targets 4, 14, 15, 11, 5, and 7**.

Phase 1: Recommendations

1. Encourage and promote the **incorporation and implementation** of these approaches in NBSAPs
2. **Mainstreaming** these approaches **globally**
3. Connecting integrated approaches in production landscapes and seascapes to **global targets**
4. Enhancing **information exchange and capacity building** for NBSAP implementation



Phase 2(FY2018-FY2019): Research Objectives

QN: How to incorporate and implement integrated approaches of production land(sea)scapes under NBSAP to contribute to global goals?

1. Encourage Parties to implement production land(sea)scape approaches

- Clarify conceptual/contextual differences and merits
- Provide guiding principles/good practices (applied manual etc)

2. Contribute to CBD's NBSAP processes

- Understand the situation, needs and intention of Parties related to incorporation and implementation of these approaches

3. Link these approaches to global targets/goals

- Clarify/identify relevance and potential for post-2020

Phase 2: Research Flow

Comparative study of production land(sea)scape approaches

Jan 2019

- Help Parties understand/identify these approaches for better implementation under NBSAPs

Recommend principles for successful implementation

Jan 2019

- Determine common principles, including factors and processes.

Data collection on incorporation and implementation

Feb 2019

- Conduct web survey of Parties with SCBD support

Validation of principles and draft applied manual

June/
July 2019

- International workshop to validate recommended principles and its corresponding implementing measures for drafting applied manual

Develop applied manual and dissemination tools

Mar 2020

- Resource manual with a collection of case studies and other disseminating material/tools

Phase 2: Web Survey of CBD Parties

Web Survey of Parties on Incorporation and Implementation of the Integrated Approaches in Production Landscapes and Seascapes

- **Objectives**

- To capture and clarify the CBD Parties' **status of implementation of the concepts** under NBSAPs
- To identify **good practices** that could contribute to the development of a SCBD supported *Applied Manual for Implementing Integrated Approaches in Production Landscape and Seascapes in NBSAP* (tbc)

- **Method:** Web Survey (through SCBD notification)

- **Period:** Mid-Feb to early March 2019 (2-3weeks)

- **Target:** National Focal Point for NBSAP

- **Questions:** Parties' **understanding and implementation** of these concepts, **needs and priorities**, as well as **best practices and case studies**



Phase 2: Web Survey of CBD Parties



Web Survey Sections

1) Familiarity of the concepts

- Understanding, usefulness, support needed

2) Implementation of the concepts

- process, multi-stakeholder engagement, planning, monitoring, evaluation, good practices

3) Post 2020 Global Biodiversity Targets

- contribution to ABTs, SDGs, new global targets?

Phase 2: Web Survey of CBD Parties

Pre-test of web survey!

@ AP Regional Consultation WP, Nagoya

- Seek cooperation and views from Asia Pacific experts on the draft web survey before the official launch through a pre-test exercise here in Nagoya!
- Pre-test web survey targets: **Parties**
- Need not fill up the questionnaire, just put down comments on:
 1. **Unclarity** of survey question and answer options
 2. Any foreseen **difficulty in answering** the questions
 3. **Suggestions** to improve the survey questions or contents
- Estimated time : **only 20 minutes!**
- Kindly return the pre-test questionnaire **by tomorrow 30 Jan noon** to any UNU-IAS staff.



We need your expert view to make the web survey meaningful and useful!