

BIOTRADE & ABS MAPPING IN MEKONG REGION

(LAO PDR, MYANMAR AND VIET NAM)



FINAL REPORT
TA MINH SON

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Acronyms and Abbreviations

ABS	Access and benefit Sharing
ACB	ASEAN Centre of Biodiversity
ADB	Asian Development Bank
ASEAN	Association of Southeast Asian Nations
BBP	Biodiversity-based Products
BCA	Biodiversity Conservation Agency (Viet Nam)
BIG Viet Nam	BioTrade Implementation Group Viet Nam
BCD	Convention on Biological Diversity
BTA	Bilateral Trade Agreement (Lao PDR)
CBD	Convention on Biological Diversity
CITES	Convention on International Trade of Endangered Species of Wild Fauna and Flora
CIRAD	The French Agricultural Research Centre for International Development
CRED	Center for Economic Development
ECD	Environment Conservation Department (Myanmar)
EBD – HUP	Ethno botany Department – Hanoi University of Pharmacy
ESCAP Pacific	The United Nations Economic and Social Commission for Asia and the Pacific
EU	European Union
FFI	Fauna & Flora International
FLEDGE	The Forum for Law, Environment, Development and Governance
GEF	Global Environment Fund
GIZ	The Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH
IDLO	International Development Law Organization
IP	Intellectual Property
ITC	International Trade Centre
JICA	Japan International Cooperation Agency
KfW	The German Development Bank
LAC	Latin America Countries
LHA	Lao Handicraft Association

LNCCI	Lao National Chamber of Commerce and Industry
MAF	Ministry of Agriculture and Forestry (Lao PDR)
MARD	Ministry of Agriculture and Rural Development (Viet Nam)
MOAI	Ministry of Agriculture and Irrigation (Myanmar)
MOIC	Ministry of Industry and Commerce (Lao PDR)
MONRE	Ministry of Natural Resources and Environment (Viet Nam)
MONREC	Ministry of Natural Resources and Environmental Conservation (Myanmar)
MOST	Ministry of Science and Technology (Lao PDR)
NIMM	National Institute of Medicinal Materials
OCOP	One Commune One Product (Viet Nam)
P&C	Principles & Criteria
SDGs	Sustainable Development Goals
SECO	State Secretariat for Economic Affairs (Switzerland)
SIPPO	Swiss Import Promotion Program
R & D	Research & Development
TK	Traditional Knowledge
UEBT	Union for Ethical BioTrade
UNCTAD	United Nations Conference on Trade and Development
UNDP	United Nations Development Program
UNEP	United Nations Environment Program
VEA	Viet Nam Environment Administration
VIETRADE	Viet Nam Trade Promotion Agency
VOAA	Viet Nam Organic Agriculture Association
WCS	Wildlife Conservation Society

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REPORT ON

The mapping of BioTrade organization/ initiatives and ABS activities

0. Executive Summary

The BioTrade programme in Mekong region has gained achievements since the piloted initiative started in 2012. It has drawn attention from and participation of governments, international and regional organizations, civil societies and private companies in making distinctive contribution to the realization of specific goals and targets defined in the Sustainable Development Goals (SDGs), the Aichi Targets and the Nagoya Protocol respectively.

Basing on the mappings of BioTrade organizations/ initiatives and access and benefit-sharing (ABS) activities, the following general principles are recommended for defining a Plan of Action for the engagement of all stakeholders (adapted from Sieber, 2018).

- **Ensuring the balance of intervention** among value chains, actors and policy makers: This balance would bring more opportunities to implement BioTrade and ABS in broader scopes and areas.
- **Concentrating on the core:** the core group which is dedicated to promoting the BioTrade agenda which will be the driver of the BioTrade in the Mekong region.
- **Identifying the enabler:** using the existing networks and platforms and engaging with actors which have mobilizing potentials within their stakeholders.
- **Defining specific objective and concrete partnership:** it's important to have clear definition of objectives to engage stakeholders outside the core. UNCTAD should be the leader in these partnerships.

To have more effective coordination and collaboration in “Linking trade, biodiversity and sustainable development” programme, more specific possibilities of collaboration among stakeholders of both BioTrade and ABS implementation are proposed.

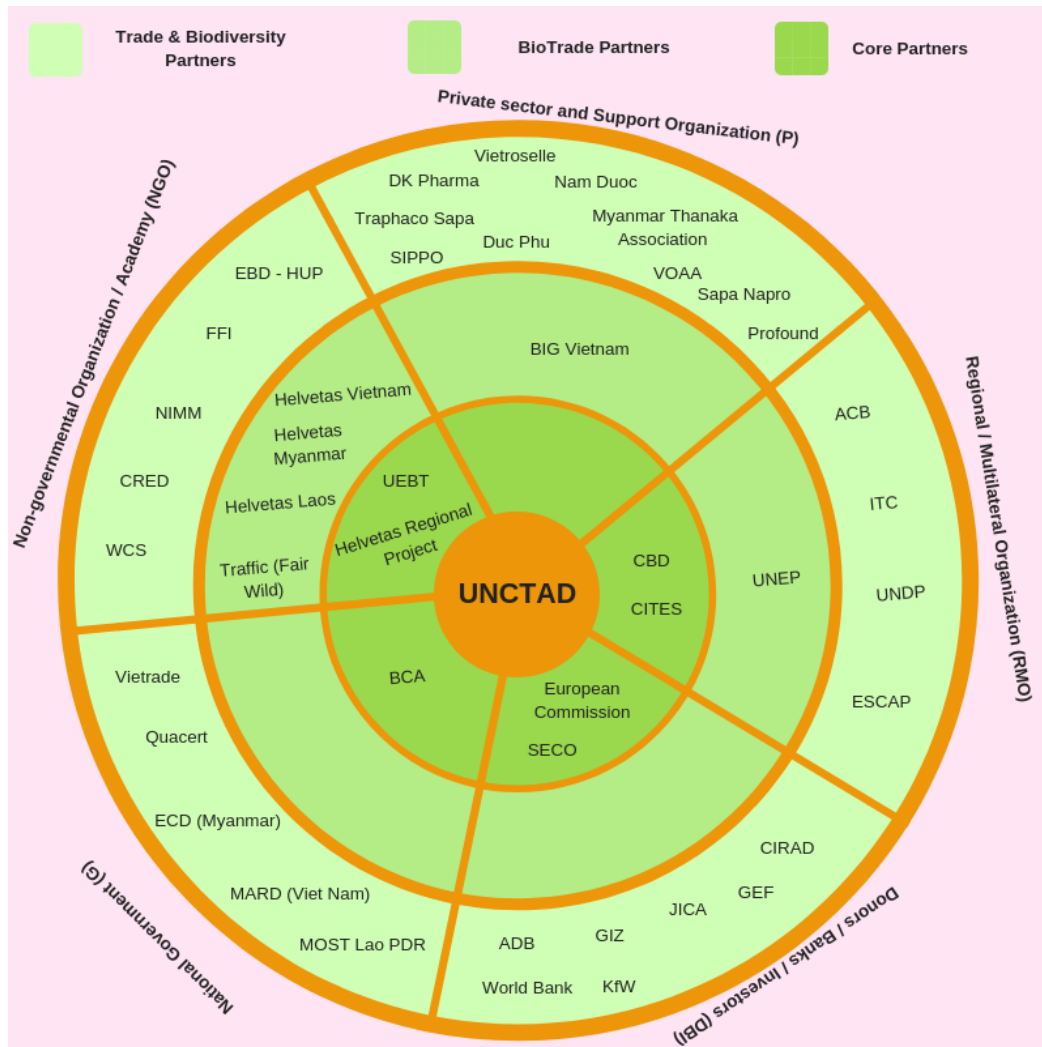
At regional level:

- **HELVETAS Regional BioTrade Project** plays an extremely important role on facilitating and coordinating the BioTrade implementation and mandate in 3 countries (Laos, Myanmar and Viet Nam). It also pilots ABS implementation, compile and disseminate the BioTrade best practices from Mekong region for the knowledge sharing. To do so, there should have tight relationships between and among HELVETAS, UNCTAD, Union for Ethnical BioTrade (UEBT) and the ASEAN Centre of Biodiversity (ACB).
- The ACB has been implementing a "**Biodiversity-Based Products**" project to improve livelihood of local communities within ASEAN countries (Lao PDR, Cambodia and Viet Nam) for achieving sustainable development. The collaboration with ACB could bring more dissemination and implementation of BioTrade and ABS to other ASEAN countries.

- **SECO** has been funding many BioTrade projects in Viet Nam and in the region. Working closely with SECO would lead to strengthen the linkage and synergies of SECO-supported projects within each country and throughout the region.
- **New donors** or technical cooperation agencies in BioTrade (such as UNDP, UNEP, and European Commission) could bring more opportunities for spreading the BioTrade model, including its Principles and Criteria (P&C). However, it is important to highlight what contributions BioTrade can make to the implementation and impact of their programs / projects such as the creating buyers-sellers' linkages.
- **UEBT as a non-profit business association** could play a role in the outreaching of BioTrade products and linking with potential buyers. The collaboration with UEBT could bring a clearer picture of the market for BioTrade products and a good place for buyers and sellers who share common points of view to meet.

At national level:

- **Helvetas Viet Nam, Helvetas Laos and Helvetas Myanmar** have been implementing mandates for BioTrade activities and play the role on identifying, compiling and disseminating BioTrade best practices in each country. The good collaboration of Helvetas with governmental agencies and private companies could increase the dissemination of BioTrade P&C and ABS implementation to policy makers.
- **The ABS focal points** (BCA – Viet Nam; MOST – Lao PDR; ECD – Myanmar) play a central role on promoting and implementing ABS in each country. The collaboration between BioTrade partners and these ABS focal points could lead to the consistency between policies and initiatives towards to the sustainable development.
- **Private companies** have a vital role on sustaining the results of projects. When the companies realize their benefits and responsibilities on conserving biodiversity and protecting the environment, they could find the best way to produce the products and bring them to the market. The close collaboration and support with private companies could encourage them to work with their full capacity and responsibility.
- **Donors (SECO, European Commission, GEF)** have been supporting many projects on sustainable development. The tight collaboration with them could enhance the opportunities for disseminating and implementing BioTrade and ABS. This could also bring chances to develop national BioTrade & ABS programs in the future.
- **VIETRADE and other governmental agencies** plays the role in supporting long-term trading projects. The collaboration with these agencies could bring more chances to the exporting market, which can be good incentives for private companies.
- **Other international and local non-governmental organizations** which work in BioTrade relating fields could bring more opportunities on sharing knowledge and may open other collaborating chances.



1. Introduction

Since 1996, UNCTAD has been leading the BioTrade Initiative with the aim of helping developing countries achieve biodiversity conservation alongside improved economic and social welfare. BioTrade includes those activities related to the collection or production, transformation, and commercialization of goods and services derived from native biodiversity (genetic resources, species and ecosystems) according to the BioTrade Principles and Criteria (P&C) of environmental, social and economic sustainability (UNCTAD, 2007).

BioTrade has been implemented in more than 20 countries (in Africa, Asia and Latin America) as a result of UNCTAD efforts to support national, regional and international partners in strengthening their capacity to design and implement mutually supportive trade, environment and sustainable development objectives in development strategies.

The BioTrade methodology and approach have been contributing in fighting against the loss of biodiversity and ensuring the sustainable use of natural resources and ecosystems.

BioTrade in the Mekong region (Vietnam, Lao PDR and Myanmar) has been developed since 2015 as a successful result of its piloted project in Viet Nam. The implementation of BioTrade has been drawn the interest and consideration from many organizations, especially private companies in the region.

At the same time, access and benefit sharing (ABS) activities in light of the implementation of SDG 15.6; Aichi Target 16; and the Nagoya Protocol have been planned and implemented with the participation and interest of the governments, agencies and companies in all three countries.

Considering the small scale of all biodiversity projects in the Mekong region and similarity in some BioTrade activities, some tools of LAC mapping report (Sieber, 2018) are adapted in this mapping exercise. However, tracing technique is chosen and applied to undertake actual mapping of both BioTrade organizations/initiatives and ABS activities.

Tracing is a common technique used in mapping and drawing. The technique allows to form a new picture or map by tracing on a plain paper, and then adding more details through collecting data and information.

In this study, a base map is formed by collecting all organizations/ initiatives which have implemented or applied BioTrade P&C and ABS in the Mekong region. Criteria for the inclusion of organizations/ initiatives play the role as a plain paper. After studying the details of each organization, project and social, environmental and economic aspects, the new map is formed by adding more collected data and information.

2. Mandate, Methodology and Sources of information

This report aims to provide inputs for the elaboration of a Plan of Action on how UNCTAD and its partners can engage with relevant trade and biodiversity initiatives as well as ABS activities, and thereby contribute to the realization of SDG 15 and Aichi Targets and Nagoya Protocol. Simply speaking, the mandate seeks to identify potentially interesting organizations/initiatives working on BioTrade-related and ABS related activities in South East Asia (Lao PDR, Myanmar and Viet Nam) and propose recommendations for collaborating with them.

Four issues which should be addressed have been defined by UNCTAD as follows: (1) Increased coordination and knowledge sharing among stakeholders; (2) Enabled policy environment for BioTrade companies at the national and international levels (including access and benefit sharing regulations, policies or administrative guidelines); (3) Facilitated market linkages for companies selling BioTrade-related products; (4) Any emerging issues. The addressing of these key enabling BioTrade issues will result in more efficient and effective interventions which contributes in advancing the implementation of SDGs.

The expected results are divided into 2 parts:

*** Part 1: BioTrade**

- A mapping of key organizations and ongoing initiatives relevant to BioTrade in beneficiary countries in Mekong region which identify collaboration opportunities according to the four issues defined above;
- Recommendations on how those organizations can complement the work of UNCTAD BioTrade and its partners on trade and biodiversity issues;
- 2-pager with the main findings and recommendations for UNCTAD BioTrade and its partners.

*** Part 2: Access and Benefit sharing (ABS)**

- A mapping of ABS activities and stakeholders in the region in light of the implementation of SDG 15.6, Aichi Target 16 and the Nagoya Protocol;
- A preliminary list of species, natural ingredients and related value chains that would need to comply with ABS regulations in order to expand their businesses and be able to undertake or expand R&D activities;
- A list of potential areas of collaboration to comply with ABS requirements for value chains interested in undertaking R&D;
- A list of areas where there is duplication among different partners as well as potential regulatory and technical gaps that need to be addressed;
- A brief analysis on current levels of implementation of the Nagoya Protocol and ABS obligations in the beneficiary countries as well as status of existing legal, regulatory or policy initiatives or bills;
- 2-pager with the main ABS findings and recommendations for UNCTAD and its partners.

BioTrade Initiative in the Mekong region has its own history of development. It started with a piloted project in Vietnam. The value chain-based approach was chosen to implement the project. The success of BioTrade value chain models in the project has been drawing the attention from and inspiring companies and organizations to participate in and widen the scope of BioTrade activities. However, all of BioTrade projects in the Mekong are small-scaled.

Basing on this background, a tracing technique is applied to map both BioTrade organizations/initiatives and ABS activities. Before tracing, it is important to develop original mappings (base maps) of BioTrade organizations/initiatives and ABS activities which have been practiced and implemented in the Mekong region. The tracing helps to include all organizations/initiatives and activities which have the greatest potentials and opportunities for collaborating. To trace the map, collect data and form a new BioTrade mapping, some tools from LAC mapping report (Sieber, 2018) are also adapted.

Chapter 1 provides general introduction on the mapping, the reason why the tracing technique and tools from LAC mapping report are applied and adapted.

Chapter 2 consists of the mandate, methodology and sources of information of the mapping. Expected results are clearly mentioned in this chapter.

Chapter 3 contains the BioTrade base map which includes all organizations/initiatives who have practiced and have been practicing BioTrade P&C. The tracing criteria for the inclusion or exclusion of organizations / initiatives are also defined.

Chapter 4 focuses on tracing and mapping. Basing on criteria defined in the previous chapter, the tracing identifies the organization/initiative to be included or excluded from the new mapping. A new mapping is built from the base one. This chapter also includes analysis on complementariness between identified organizations / initiatives and BioTrade.

Chapter 5 is a special chapter for ABS. At the beginning, an ABS base map is formed with all ABS activities and stakeholders in light of the implementation of SDG 15.6; Aichi Target 16; and the Nagoya Protocol. Thereafter, criteria are defined before tracing and forming a new mapping. The chapter also analyzes current levels of implementation of the Nagoya Protocol and ABS obligations in the beneficiary countries as well as status of existing legal, regulatory or policy initiatives or bills.

3. Formulating a BioTrade base map

According to the history of BioTrade in the Mekong region, a base map including all organizations/initiatives which practiced or have been practicing BioTrade P&C in Lao PDR, Myanmar and Viet Nam is formed. The map shows all stakeholder groups and their proximity to UNCTAD as a core of BioTrade Initiative.

3.1. Stakeholder groups

Organizations/initiatives are divided into different groups, depending on the nature as well as its relationship to BioTrade. For this mapping, organizations/initiatives will be clustered into 5 following groups, adapted from Sieber’s (2018) classification:

<p>National Governments (G)</p>	<p>Government authorities at the national and subnational levels involved in BioTrade-related activities. Focus will be put on those public institutions that have or may have a leading role in implementing/fostering the BioTrade agenda and assume in-country coordination.</p>
<p>Private Sectors and their support organizations (P)</p>	<p>Focus will be put on private sector partners that are or have the potential to be involved in BioTrade and BioTrade-related activities, without listing individual value chain actors.</p> <p>Individual companies can be included, if they support BioTrade initiatives or support BioTrade stakeholders of value chains.</p>

Donors / Banks / Investors (D)	<p>Bilateral donors with activities in support of BioTrade and related activities in Mekong.</p> <p>Financial sector actors (first-tier banks or social investors) that offer dedicated funding instruments for BioTrade activities are also included.</p>
Regional & Multilateral Organizations / Initiatives (RO/ MO)	<p>Regional Organizations with dedicated activities in support of BioTrade and BioTrade-related activities.</p> <p>Also included are International Organizations, treaty bodies, and International Financial Institutions with dedicated and region-specific activities in support of trade and biodiversity/BioTrade initiatives.</p>
NGOs / Civil Society / Academia (NGO/ CS/ A)	<p>Non-profit organizations/initiatives that support the development and trade of BioTrade/biodiversity-based products and services and/or the creation of an enabling environment for BioTrade with own resources, private support or bilateral or multilateral donor funding.</p> <p>Academic institutions with dedicated research activities or information platforms for BioTrade-related activities.</p>

3.2. Proximity to the core

UNCTAD, as the promoter of the BioTrade initiative, incurs into the challenging triple task of (Sieber 2018):

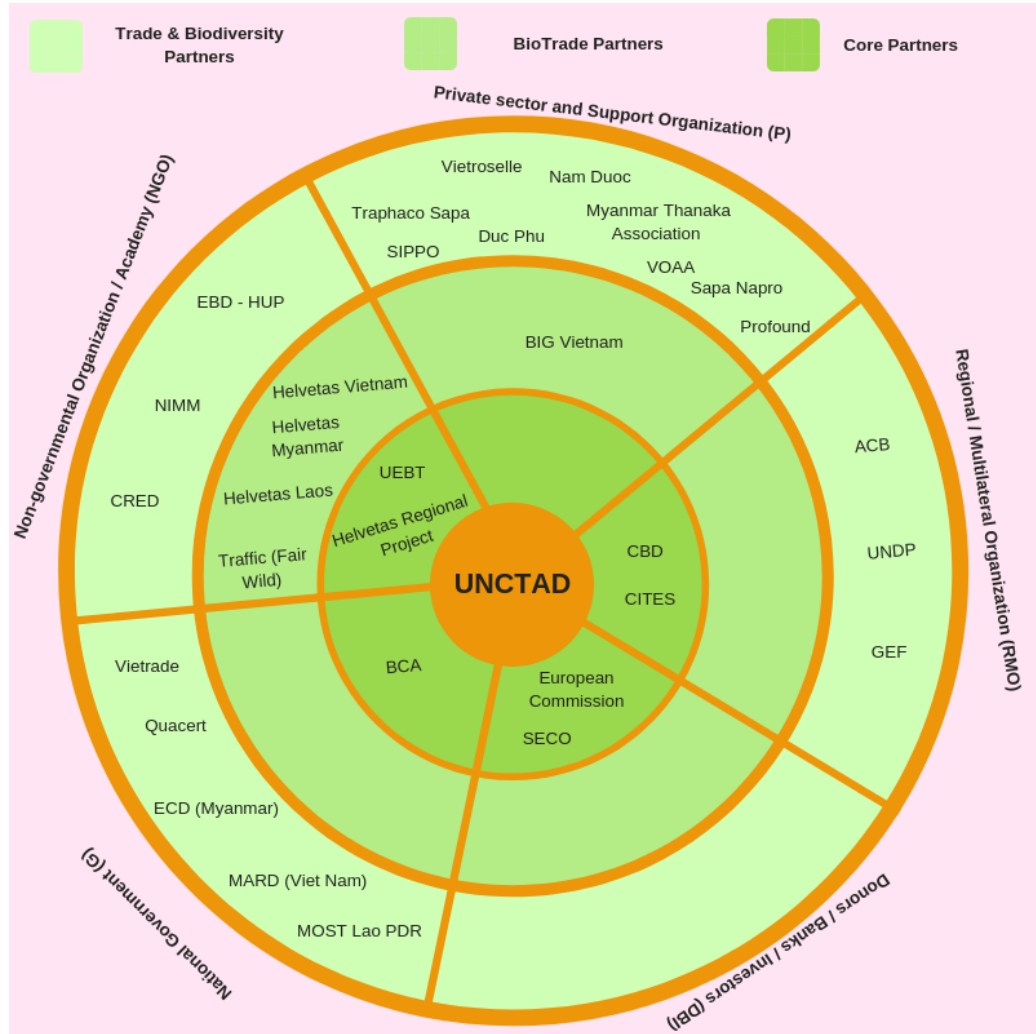
1. Anchoring the initiative within the broader sustainable development agenda;
2. Supporting core BioTrade partners in their efforts to apply and disseminate the approach within their respective stakeholder groups;
3. Identifying relevant organizations/initiatives that can contribute through their activities to the facilitation/promotion of specific BioTrade relevant topics.

For the realization of all three tasks, UNCTAD must constantly interact and collaborate with a wide set of stakeholders. However, the different tasks require different levels of interaction. For this mapping, UNCTAD partners will be divided into three different circles, depending on the intensity of collaboration. The circles are defined as follows (Sieber 2018):

Core partners (C)	Organizations/initiatives that have a formal collaboration agreement (partnership agreements or the like) with UNCTAD or share joint governance arrangements in the framework of ongoing programs and projects.
BioTrade partners (BT)	Actors that explicitly support BioTrade as an approach. Possibilities for encompassing collaborations and a potential role for disseminating BioTrade within their respective stakeholder groups.

Trade & Biodiversity partners (T&B)	Actors that implicitly support BioTrade by engaging in activities relevant for the promotion of BioTrade. Possibilities for subject specific collaborations.
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3.3. A BioTrade base map



3.4. Criteria for the inclusion of organization/initiatives

Criteria	Rationale
1. Ongoing activities/ projects	
The organization/initiative has ongoing activities/ projects relevant to BioTrade.	They can bring more opportunities for collaboration.

2. Mandate/ Role of the organization	
The organization/initiative can act as BioTrade enabler.	Focusing on enablers is in line with UNCTAD's mandate to coordinate, manage and steer sustainable trade and biodiversity issues and partnerships in a strategic and overarching manner. Each organization/initiative will be responsible to reach out to its stakeholders (for ex. UEBT to the private sector; National BioTrade Programs to relevant Ministries etc.)
3. Appropriate/ Specific interested issues	
The organization shares at least one key enabling BioTrade issues defined by UNCTAD.	It can contribute in addressing the BioTrade issues.
4. Willingness to collaborate	
There is an apparent benefit for the organization/initiative in coordinating/collaborating with UNCTAD and its partners to reach its own objectives, and vice-versa.	Coordination/collaboration should not be subject to the availability of funding from UNCTAD and its partners.

3.5. Tracing & Mapping

3.5.1. Tracing to a new mapping

From the above BioTrade base map, it is necessary to trace, collect the information of each organization/initiative and project and consider its social, environmental and economic aspects for the inclusion or exclusion in the new mapping. Besides the defined criteria in the previous chapter, open interviews are carried out both face-to-face and online. (See the list of interviewees in Annex 3).

3.5.2. The inclusion of some more organizations/initiatives

After the interviews, some organizations have been included into the mapping because they show potentials to collaborate with or help in promoting the use of BioTrade. The following table details the included organizations and their reasons.

Included organization	Reason

World Bank	World Bank is the donor of some projects in the Mekong region on biodiversity management and conservation. There may have opportunities to collaborate with them in promoting the application of BioTrade and ABS as well as in sharing knowledge on biodiversity in general.
Asian Development Bank (ADB)	ADB is one of the biggest providers of finance, technical assistance and grants to promote social and economic development in the Mekong region. Although it does not have any specific BioTrade or ABS projects, its current projects on developing environment-friendly value chains seems able to support BioTrade and ABS actors in accessing to funds and sharing knowledge.
GIZ	GIZ has a number of projects on the conservation and sustainable use of biodiversity and ecosystem services of forests, especially is one of the biggest donors of REDD+ in Viet Nam and Lao PDR. .
KfW	KfW is an active donor of REDD+ program and other forestry conservation projects in Viet Nam.. Besides promoting the conservation of forests, REDD+ has also applied equal benefit sharing in communities. There may have opportunities to collaborate with them in sharing knowledge and information.
UNEP	The United Nations Environment Programme (UN Environment) is the leading global environmental authority that sets the global environmental agenda, promotes the coherent implementation of the environmental dimension of sustainable development within the United Nations system, and serves as an authoritative advocate for the global environment.
JICA	Japan International Cooperation Agency (JICA) is the biggest supporter in the socioeconomic development, recovery or economic stability in the Mekong region.
ESCAP	ESCAP is the multilateral platform for promoting cooperation among member States to achieve inclusive and sustainable economic and social development in Asia and the Pacific.
WCS	WCS is a non-profitable organization which saves wildlife and wild places worldwide through science, conservation action, education, and inspiring people to value nature. In Asia, WCS works in dozens of wild places such as Greater Mekong (including Lao PDR, Myanmar and Viet Nam).
CIRAD	CIRAD, the French Agricultural Research Centre for International Development, is an organization working for the sustainable development

	of tropical and Mediterranean regions. It has been implementing ABS related projects in Lao PDR.
Fauna & Flora International	Fauna & Flora International is one of the world's oldest international wildlife conservation organizations. FFI has projects on biodiversity and business in Vietnam, Lao PDR and Myanmar.
ITC	ITC has been promoting and mainstreaming inclusive and green trade throughout the world. ITC may be interested in working in the Mekong region.
DK Pharma	DK Pharma has been selected by the Viet Nam government as a focal promoter of the National One Commune One Product (OCOP) program. The program focuses on promoting advantaged agricultural, non-agricultural and service products at each locality, which will be realized by private economic sectors.

4. Mapping of organizations with ongoing BioTrade initiatives in Mekong

4.1. Introduction

In application of the tracing technique with all criteria defined in chapter 3, the following mapping shows organizations/initiatives with ongoing activities/projects which practice BioTrade-related activities in the Mekong region. For each organization, the following list numerates the stakeholder and partner group classification, contains a brief description of the organizations, information on relevant initiatives/projects, initial ideas of potential areas of collaboration with the UNCTAD BioTrade Initiative and its partners, and contact details.

Considering the recently approved Global BioTrade Program “Linking trade, biodiversity and sustainable development”, the table is structured according to the three areas of work of the program. These are:

- Coordination and knowledge management
- Enabling policy environment
- Market access

4.2. Mapping

Stakeholder classification	Partner classification	Name and website of the organizations	Organization Goals, Core areas of work	Relevant ongoing projects / initiatives (goals, component, timeframe, amount, geographic scope and donors.)	Potential collaboration activities / issues for partnership	Identify potential BioTrade cooperating partners	Contact person (Position, Phone, Email, Country)
Coordination and Knowledge Management							
NGO	BT	HELVETAS	<p>Goal: to support women and men in taking charge of improving their livelihoods in a sustainable manner and in working together as partners.</p> <p>Core Areas: project work, thematic and methodological advice as well as policy dialogue at local, regional and international level</p>	<p>The Regional BioTrade Project Southeast Asia</p> <p>Goal: This project aims at building sustainable business models by changing trade of raw materials and natural ingredients to preserve its resource base for future generations and to increase capabilities and competitiveness of local producers, processors and exporters.</p> <p>Time frame: 2016 - 2020</p> <p>Budget: N/A</p> <p>Funded by: SECO</p>	<p>Coordination mandate for BioTrade activities in the 3 countries.</p> <p>Possible topics:</p> <ul style="list-style-type: none"> - Output 1.1: Contribute in formulating the Plan of Action and organizing SSC meetings. - Output 1.2: Can act as the disseminator of BioTrade P&C and provide practical examples, lessons learned and best practices for the knowledge sharing mechanism. - Output 1.3: Collaborate in the organization of Business-to-Business roundtables - Output 1.4: Compile and disseminate the BioTrade best practices and lessons learned from Mekong region 	UNCTAD, UEFT, ACB	<p>Mr. Andrew Wilson – Manager</p> <p>Andrew.Wilson@helvetas.org</p> <p>Address:</p> <p>Van Phuc Diplomatic Quarters 298F Kim Ma Street Hanoi (RO)</p> <p>Phone: +84 24 3843 17 50</p>

NGO	BT	<p>HELVETAS Laos</p> <p>https://www.helvetas.org/en/laos</p>	<p>Goal: to improve the livelihoods of poor and disadvantaged people; to strengthen local actors and to contribute to framework conditions conducive to inclusive and sustainable development.</p> <p>Core areas: sustainable & inclusive economies; environment & climate change; governance & peace</p>	<p>“BioTrade: Ethical Trade in Plant-Based Resource”</p> <p>Goal: To promote BioTrade, the ethical, sustainable trade in resources derived from natural biodiversity, Helvetas works with local processors, traders, importers and exporters who are prepared to integrate the core values of sustainable use and social ethics into their business practices.</p> <p>Time frame: 2016-2020 Budget: Funded by: SECO</p>	<p>Implementation mandate for BioTrade activities in Laos.</p> <p>Possible topics: - Output 1.4: Identify, compile and disseminate BioTrade best practices in Laos</p>	<p>UNCTAD, UEBT</p>	<p>Ms. NIPHAPHONE Nampanya – Manager</p> <p>Niphaphone.Nampanya@helvetas.org</p> <p>Address: P.O Box 6367, House No. 143 Ban Phonthan Neua, Unit 15, Rue Phonthan 01000 Vientiane Capital</p> <p>Phone: +856 21 263 189 Email: laos@helvetas.org</p>
NGO	BT	<p>HELVETAS Myanmar</p> <p>https://www.helvetas.org/en/myanmar</p>	<p>Goal: to improve the livelihoods of poor and disadvantaged people; to strengthen local actors and to contribute to framework conditions conducive to inclusive and sustainable development.</p> <p>Core areas: sustainable & inclusive economies; environment & climate change; governance & peace</p>	<p>“BioTrade: Ethical Trade in Plant-Based Resource”</p> <p>Goal: To promote BioTrade, the ethical, sustainable trade in resources derived from natural biodiversity, Helvetas works with local processors, traders, importers and exporters who are prepared to integrate the core values of sustainable use and social ethics into their business practices.</p> <p>Time frame: 2016-2020 Budget:</p>	<p>Implementation mandate for BioTrade activities in Myanmar.</p> <p>Possible topics: - Output 1.4: Identify, compile and disseminate BioTrade best practices in Myanmar</p>	<p>UNCTAD, UEBT</p>	<p>Mr. ZAW MIN Oo – Manager</p> <p>ZawMin.Oo@helvetas.org</p> <p>Address: 12F Minkyang Street Kyaik Wine Pagoda Road 11062 Mayangone</p>

				Funded by: SECO			Township, Yangon Phone: +95 (0) 997 914 0158 Email: myanmar@helvetas.org
NGO	BT	HELVETAS Vietnam https://www.helvetas.org/en/vietnam	Goal: to improve the livelihoods of poor and disadvantaged people; to strengthen local actors and to contribute to framework conditions conducive to inclusive and sustainable development. Core areas: sustainable & inclusive economies; environment & climate change; governance & peace	1. “Scaling Up of Biotrade Initiatives Within Phyto-Pharmaceutical Sector in Vietnam” Goal: to upscale the sustainable Ethical Biotrade (EBT) business model to the natural ingredient sector of Vietnam so that the country becomes an internationally recognized supplier of natural ingredients to phyto-pharmaceutical, cosmetic and food supplement industries. Time frame: 2016-2020 Budget: Funded by: European Commission 2. “BioTrade: Ethical Trade in Plant-Based Resource” Goal: To promote BioTrade, the ethical, sustainable trade in resources derived from natural biodiversity, Helvetas works with local processors, traders, importers and exporters who	Implementation mandate for BioTrade activities in Vietnam. Possible topics: - Output 1.4: Identify, compile and disseminate BioTrade best practices in Vietnam	UNCTAD, UEBT	Mr. Vien Kim Cuong – Manager Cuong.Vien@helvetas.org Address: Van Phuc Diplomatic Quarters 298F Kim Ma Street Hanoi (RO) Phone: +84 24 3843 17 50 Email: helvetas.vietnam@helvetas.org

				are prepared to integrate the core values of sustainable use and social ethics into their business practices. Time frame: 2016-2020 Budget: Funded by: SECO			
NGO	BT	Center for Rural Economic Development (CRED) http://cred.org.vn/	Goal: to eliminate poverty and greater inclusion of disadvantaged groups in Viet Nam and Mekong region including the poor, women, children and ethnic minorities through greater participation and benefits from sustainable development and economic growth. Core areas: climate change, agriculture, livelihood, research, landscaping	“Scaling Up of BioTrade Initiatives Within Phyto-Pharmaceutical Sector in Vietnam” Goal: to upscale the sustainable Ethical BioTrade (EBT) business model to the natural ingredient sector of Vietnam so that the country becomes an internationally recognized supplier of natural ingredients to phyto-pharmaceutical, cosmetic and food supplement industries. Time frame: 2016-2020 Budget: Funded by: European Commission	Provide services for BioTrade projects in Viet Nam. Possible topics: - Output 1.2: Can act as the disseminator of BioTrade P&C and provide practical examples, lessons learned and best practices for the knowledge sharing mechanism.- Output 1.4: Identify, compile and disseminate BioTrade practices in Vietnam.	UNCTAD UEBT	Mrs. Nguyen Lam Giang Address: 298F Kim Ma, Ba Dinh, Hanoi, Vietnam Phone: +84 4 3843 1750 Email: cred@cred.org.vn
P	T&B	Traphaco Sapa http://traphacosapa.com/	Goal: to plant, process medical plants and produce Core areas: raw materials, herbal teas and supplement food	Engaging with BioTrade activities since 2012 and has been audited to be UEFT member. Traphaco Sapa commits with sustainable development of medicinal plants against BioTrade principles and criteria.	Showing long-term commitment for BioTrade P&C and as UEFT trading member. Possible topics: - Output 1.2: Can act as disseminator of BioTrade P&C in Vietnam and provide practical examples for the knowledge sharing mechanism. - Output 1.4: Provide best	HELVETAS Vietnam CRED BIG Viet Nam UNCTAD UEBT	Mr. Do Tien Sy – Director (84) (96) 909.5050 traphacosapa@gmail.com

					practice		
P	T&B	DK Pharma http://dkpharma.vn	Goal: to work with communities and business sector to promote native products from biodiversity. Core areas: research, commercialization of natural products	DK Pharma has been selected by the Government as a focal promoter of the National One Commune One Product (OCOP) program.	Promoter of sustainable development of native biodiversity-based products in the framework of national OCOP program. Possible topics: - Output 1.2: Can act as disseminator of BioTrade P&C in Vietnam and provide practical examples for the knowledge sharing mechanism. - Output 1.4: Provide best practice	HELVETAS Viet Nam CRED BIG Viet Nam	Address: No 9, Nguyen Cong Tru, Hai Ba Trung District, Hanoi. Phone: (84) (024) 3933 2607 Email: info@dkpharma.vn
P	BT	BioTrade Implementation Group (BIG Viet Nam)	Goal: to support sustainable development of natural ingredient value chains Core areas: BioTrade, biodiversity-based and ABS value chains	A Spin-off from first phase of BioTrade project in Viet Nam, BIG Vietnam promoting sustainable development of natural ingredient against BioTrade P&C. BIG Vietnam has been providing services (technical consultation, advocacy and trading services) to companies and communities, who want to take up sustainable development of natural ingredient value chains	Facilitate and provide supported services for sustainable development of natural ingredients in accordance to BioTrade P&C. Possible topics: - Output 1.2: Can act as disseminator of BioTrade P&C in Vietnam and provide practical examples for the knowledge sharing mechanism. - Output 1.4: Compile and disseminate the BioTrade best practices from Viet Nam	UNCTAD UEBT Helvetas ITC	Mr. Ta Minh Son - Director Mobile: (84) (96) 562 3031 Address: 57 Tran Quoc Toan street, Hoan Kiem District, Hanoi, Vietnam. Email: biotrade.vietnam@gmail.com
P	T&B	Vietnam Organic Agriculture Association (VOAA)	Goal: to promote organic agriculture development in Vietnam	Helvetas Viet Nam is supporting VOAA to communicate BioTrade P&C within the organic network in Viet Nam	Primarily selected as association partner for BioTrade project in Viet Nam. Possible topics:	HELVETAS Viet Nam CRED UEBT	Address: 42 Nguyen Dinh Hoan Street, Nghia Do, Cau Giay District, Ha Noi

		http://www.hiephoiuuco.com.vn/	Core areas: Not identified		<ul style="list-style-type: none"> - Output 1.2: Can act as disseminator of BioTrade P&C in Vietnam and provide practical examples for the knowledge sharing mechanism. - Output 1.4: Identify, compile and disseminate BioTrade practices within organic association 		<p>Phone: (84) (024) 32272806</p> <p>Email: hiephoiuucovn@gmail.com</p>
P	T&B	Myanmar Thanaka Planters, Producers, and Exporters Association	<p>Goal: to promote thanaka development in Myanmar</p> <p>Core areas: Not identified</p>	<p>“BioTrade: Ethical Trade in Plant-Based Resource”</p> <p>Goal: To promote BioTrade, the ethical, sustainable trade in resources derived from natural biodiversity, Helvetas works with local processors, traders, importers and exporters who are prepared to integrate the core values of sustainable use and social ethics into their business practices.</p> <p>Time frame: 2016-2020 Funded by: Helvetas beneficiary company</p>	<p>Anchored as starting point of BioTrade intervention to Thanaka companies.</p> <p>Possible topics:</p> <ul style="list-style-type: none"> - Output 1.2: Can act as disseminator of BioTrade P&C in Vietnam and provide practical examples for the knowledge sharing mechanism. - Output 1.4: Identify, compile and disseminate BioTrade best practices Include into BioTrade <p>Knowledge Sharing Mechanism</p>	HELVETAS Myanmar UEBT	
RMO	BT	ASEAN Biodiversity Centre (ACB) https://ASEANbiodiversity.org/	ACB’s goal is to effectively facilitate regional cooperation and deliver capacity building services to the AMS in conserving biodiversity.	<p>“Biodiversity-based Products (BBP)”</p> <p>Goal: to promote BBP for the improvement of livelihoods and biodiversity protection, according to their needs</p> <p>Time frame: 2015-2019 Budget: EUR 4,000,000</p>	<p>Coordinating Biodiversity Conservation and sustainable use between ASEAN Countries</p> <p>Possible topics:</p> <ul style="list-style-type: none"> - Output 1.2: Can act as disseminator of BioTrade P&C and provide practical examples for the knowledge sharing mechanism. - Output 1.3: Collaborate in the 	UNCTAD, HELVETAS, Regional BioTrade Project UEBT	<p>Mr. PERIA Elpidio – Expert</p> <p>Email: pingperia16@gmail.com</p> <p>Phone: +63 49 536</p>

				Funded by: GIZ	organization of Business-to-Business roundtables - Output 1.4: Compile and disseminate the BioTrade best practices from Mekong region		3989 Mr. LOPEZ Norman Eric – Regional Coordinator of BBP Email: Norman.Lopez@gfa-group.de Phone: 6349-536-3989
G	T&B	Biodiversity Conservation Agency (BCA - Vietnam) http://bca.vea.gov.vn/	In charge of assisting the Director General of the Viet Nam Environment Administration in performing state management and managing law enforcement in conserving and utilizing sustainably biodiversity resources in the country Other areas may also be identified in order to mainstream BioTrade into other BCA's initiatives and programmes working on biodiversity based sectors as well as on post-Aichi process	“Capacity Building for the Ratification and Implementation of the Nagoya Protocol on Access and Benefit Sharing in Viet Nam” + Goal: to strengthen national capacities on access and benefit sharing of genetic resources to facilitate the implementation of the Nagoya Protocol on Access and Benefit Sharing 4 Components: (i) Creating an enabling national policy, legal and institutional framework for ABS; (ii) Developing administrative measures for implementation of national ABS legal framework; (iii) Increasing awareness and capacity of all relevant stakeholders for	As implementing agency, BCA plays a central role to coordinate and provide entry to all project related policy aspects and stakeholders. Possible topics: - Output 1.1: Contribute in formulating the Plan of Action. - Output 1.2: Can act as the disseminator of BioTrade P&C and provide practical examples, lessons learned and best practices for the knowledge sharing mechanism. - Output 1.3: Collaborate in the organization of Business-to-Business roundtables - Output 1.4: Compile and disseminate the BioTrade best practices and lessons learned from Viet Nam.	UNCTAD; ACB; UEBT HELVETAS Viet Nam; CRED BIG Viet Nam; Sapa Napro	Ms. Nguyen Dang Thu Cuc, Head of Genetic Resources Division, Phone: (84) (94) 286.8636 E-mail: cucnguyen.bca@gmail.com

				<p>implementation of national ABS framework; and (iv) Demonstrating private-public-community partnerships on access and benefit sharing.</p> <p>Time frame: 2016 - 2019 Budget: 2,000,000 USD Scope: Hanoi, Lao Cao (Vietnam) Funded by: Global Environmental Facilities (GEF) channeled through UNDP</p>			
G	T&B	<p>Biotechnology and Ecology Institute under the Ministry of Science and Technology (MOST)</p> <p>https://www.most.gov.la/index.php?lang=en</p>	Assisting MOST to draft ABS degree	The Decree of Access and Benefit sharing implementation is on the drafting process	<p>Account for drafting the ABS Decree, MOST could consider identified recommendations / experiences from other countries (Myanmar, Vietnam..)</p> <p>Possible topics:</p> <ul style="list-style-type: none"> - Output 1.1: Contribute in formulating the Plan of Action. - Output 1.2: Can act as the disseminator of BioTrade P&C and provide practical examples, lessons learned and best practices for the knowledge sharing mechanism. - Output 1.3: Collaborate in the organization of Business-to-Business roundtables - Output 1.4: Compile and disseminate the BioTrade best practices and lessons learned from Viet Nam. 	<p>HELVETAS Laos HELVETAS BioTrade Regional Project UNCTAD; ACB; BCA, FLEDGE</p>	<p>Ms. PHIMMAKONG Kongchay - Director of Ecology and Biotechnology Service</p> <p>Email: kongchaybeechn@g mail.com</p>
G	T&B	Environmental	Prepare for the ABS	ABS is in the process of	ECD could consider the	HELVETAS	

		<p>Conservation Department under Ministry of Natural Resource Conservation (MONREC – Myanmar)</p> <p>http://www.ecd.gov.mm/</p>	development in Myanmar as the national focal point	development in Myanmar under National Biodiversity Strategy and Action Plan 2015 - 2020 as objective to achieve Aichi Target 16.	<p>identified Plan of Action, experiences and gap for the development of the national ABS policy.</p> <p>Possible topics:</p> <ul style="list-style-type: none"> - Output 1.1: Contribute in formulating the Plan of Action. - Output 1.2: Can act as the disseminator of BioTrade P&C and provide practical examples, lessons learned and best practices for the knowledge sharing mechanism. - Output 1.3: Collaborate in the organization of Business-to-Business roundtables - Output 1.4: Compile and disseminate the BioTrade best practices and lessons learned from Viet Nam. 	Myanmar HELVETAS BioTrade Regional Project UNCTAD; ACB; BCA	<p>Ms. Thin Nini - Assistant Director Environmental Conservation Dept</p> <p>Email: ninithinn2014@gmail.com</p>
G	T&B	<p>Ministry of Agriculture and Rural Development (MARD - Viet Nam)</p> <p>https://www.mard.gov.vn</p>	MARD is responsible of unifying the State management on agriculture, food and food industry in the whole country. MARD and MONRE are 2 competent national authorities to implement Vietnam's regulations on ABS.	MARD has been implementing a number of projects on sustainable development in general and biodiversity conservation in particular.	<p>As an important ABS authority and manager of so many BioTrade-related projects, MARD can be a great partner.</p> <p>Possible topics:</p> <ul style="list-style-type: none"> - Output 1.2: Can act as the disseminator of BioTrade P&C and provide practical examples, lessons learned and best practices for the knowledge sharing mechanism. - Output 1.3: Collaborate in the 		

					organization of Business-to-Business roundtables.		
DPI	T&B	GIZ https://www.giz.de/en/html/index.html	<p>Goal: to provide competent services and support the German Government in achieving its objectives.</p> <p>Core Areas: Expertise, development services</p>	<p><i>The following projects are relevant:</i></p> <p>1. <i>“Conservation and sustainable use of forest biodiversity and ecosystem services”</i></p> <p>Goal: to create important prerequisites for conservation and sustainable use of biodiversity and ecosystem services of forests in Viet Nam.</p> <p>Time frame: 2014 – 2018</p> <p>2. <i>“Protection and sustainable use of forest ecosystems and biodiversity in Laos”</i></p> <p>Goal: to improve conditions for the sustainable management of forest resources and biodiversity.</p> <p>Time frame: 2017 – 2019</p>	<p>The leading supporter for REDD+ programs in Mekong countries.</p> <p>Possible topics:</p> <p>- Output 1.2: Can act as the disseminator of BioTrade P&C and provide practical examples, lessons learned and best practices for the knowledge sharing mechanism.</p>	UNCTAD HELVETAS	<p>GIZ Viet Nam: Address: Floor 6, Somerset Grand Hanoi, 49 Hai Ba Trung Street, Hoan Kiem District, Hanoi. Phone: (84) (024) 3934 4951</p> <p>GIZ Lao PDR: Mr. Wolfgang Hannig - Country Director Email: giz-laos@giz.de Address: P.O. Box 9233 Vientiane Capital Laos Phone: +856-21 353605 +856-21 312408</p>

DPI	T&B	<p>The French Agricultural Research Centre for International Development (CIRAD)</p> <p>https://www.cirad.fr/en</p> <p>https://asia-sud-est.cirad.fr/</p>	<p>Goal: to work with its partners in southern countries to generate and pass on new knowledge to support agricultural development.</p> <p>Core areas: Food security, Climate change, Natural resource management</p>	<p><i>“Landscape Management and Conservation Agriculture Development for Eco-Friendly Intensification and Climate Resilient Agricultural Systems in Lao PDR (EFICAS project)”</i></p> <p>Goal: to develop innovative methods and intervention approaches to support farmers’ adoption of climate smart agricultural systems based on conservation agriculture</p> <p>Time frame: 2014-2017</p> <p>Donors: The European Union Global Climate Change Alliance The Agence Française de Développement</p>	<p>As a leading supporter in R&D activities,</p> <p>Possible topics: - Output 1.2: Can act as the disseminator of BioTrade P&C and provide practical examples, lessons learned and best practices for the knowledge sharing mechanism.</p>	UNCTAD HELVETAS	<p>EFICAS project PO Box 3310, Vientiane, Lao PDR</p> <p>Tel/Fax: (+856) 21 771288</p> <p>Email: eficas.laos@gmail.com</p>
P	BT	<p>Union for Ethical Bio Trade (UEBT)</p> <p>https://www.ethicalbiotrade.org/</p>	<p>Goal: to promote the sourcing with respect of ingredients that come from biodiversity through providing standards for its members.</p>		<p>Core partner to implement business outreach</p> <p>Conduct biodiversity barometers</p> <p>Collaborate in the organization of business-to-business roundtables</p> <p>Possible topics: - Output 1.1: Contribute in formulating the Plan of Action. - Output 1.4: Compile and disseminate the BioTrade best</p>	UNCTAD HELVETAS	<p>Secretariat De Ruijterkade 6 1013 AA Amsterdam The Netherlands Phone: + 31 20 223 4567</p>

					practices and lessons learned from Viet Nam.		
Enabling policy environment							
G	T&B	<p>Biodiversity Conservation Agency (BCA - Vietnam)</p> <p>http://bca.vea.gov.vn/</p>	<p>In charge of assisting the Director General of the Viet Nam Environment Administration in performing state management and managing law enforcement in conserving and utilizing sustainably biodiversity resources in the country</p>	<p>“Capacity Building for the Ratification and Implementation of the Nagoya Protocol on Access and Benefit Sharing in Viet Nam”</p> <p>+ Goal: to strengthen national capacities on access and benefit sharing of genetic resources to facilitate the implementation of the Nagoya Protocol on Access and Benefit Sharing</p> <p>4 Components: (i) Creating an enabling national policy, legal and institutional framework for ABS; (ii) Developing administrative measures for implementation of national ABS legal framework; (iii) Increasing awareness and capacity of all relevant stakeholders for implementation of national ABS framework; and (iv) Demonstrating private-public-community partnerships on access and benefit sharing.</p> <p>Time frame: 2016 - 2019 Budget: 2,000,000 USD Scope: Hanoi, Lao Cao (Vietnam) Funded by: Global Environmental Facilities (GEF) channeled through UNDP</p>	<p>As implementing agency, BCA plays a central role to coordinate and provide entry to all project related policy aspects and stakeholders.</p> <p>Possible topics:</p> <ul style="list-style-type: none"> - Output 2.1: Policy recommendations / experiences on ABS are considered in regional / national process - Output 2.2: Advocate for BioTrade emerging issues / experiences are considered in regional policy process - Output 2.3: As the NP focal point they have also relevant BioTrade related information related to the companies, value chains, licenses, etc. 	<p>UNCTAD; ACB; UEBT HELVETAS Viet Nam; CRED BIG Viet Nam; Sapa Napro</p>	<p>Ms. Nguyen Dang Thu Cuc, Head of Genetic Resources Division, Phone: (84) (94) 286.8636 E-mail: cucnguyen.bca@gmail.com</p>

G	T&B	<p>Biotechnology and Ecology Institute under the Ministry of Science and Technology (MOST))</p> <p>https://www.most.gov.la/index.php?lang=en</p>	<p>Assisting MOST to draft ABS degree</p>	<p>The Decree of Access and Benefit sharing implementation is on the drafting process.</p> <p>2 ABS models have been developed.</p>	<p>+ Account for drafting the ABS Decree, MOST could consider identified recommendations / experiences from other countries (Myanmar, Vietnam..)</p> <p>+ Propagation and conservation of <i>Aneoctochilus</i> sp and <i>Codonopsis</i> (poor man ginseng) to support the cultivation for trade.</p> <p>Possible topics:</p> <ul style="list-style-type: none"> - Output 2.1: Policy recommendations / experiences on ABS are considered in regional / national process - Output 2.2: Advocate for BioTrade emerging issues / experiences are considered in regional policy process 	<p>HELVETAS Laos HELVETAS BioTrade Regional Project UNCTAD; ACB; BCA, FLEDGE</p>	<p>Ms. PHIMMAKONG Kongchay - Director of Ecology and Biotechnology Service</p> <p>Email: kongchaybeechn@gmail.com</p>
G	T&B	<p>Environmental Conservation Department under Ministry of Natural Resource Conservation (MONREC – Myanmar)</p> <p>http://www.ecd.gov.mm/</p>	<p>Prepare for the ABS development in Myanmar as the national focal point</p>	<p>ABS is in the process of development in Myanmar under National Biodiversity Strategy and Action Plan 2015 - 2020 as objective to achieve Aichi Target 16.</p>	<p>ECD could consider the identified ABS Plan of Action, experiences and gap for the development of the national ABS policy</p> <p>Possible topics:</p> <ul style="list-style-type: none"> - Output 2.1: Policy recommendations / experiences on ABS are considered in regional / national process - Output 2.2: Advocate for BioTrade emerging issues / experiences are considered in 	<p>HELVETAS Myanmar HELVETAS BioTrade Regional Project UNCTAD; ACB; BCA</p>	<p>Ms. Thin Nini - Assistant Director Environmental Conservation Dept</p> <p>Email: ninithinn2014@gmail.com</p>

					regional policy process - Output 2.3: As the NP focal point they have also relevant BioTrade related information		
NGO	BT	HELVETAS	<p>Goal: to support women and men in taking charge of improving their livelihoods in a sustainable manner and in working together as partners.</p> <p>Core Areas: project work, thematic and methodological advice as well as policy dialogue at local, regional and international level</p>	<p>The Regional BioTrade Project Southeast Asia</p> <p>Goal: This project aims at building sustainable business models by changing trade of raw materials and natural ingredients to preserve its resource base for future generations and to increase capabilities and competitiveness of local producers, processors and exporters.</p> <p>Time frame: 2016 - 2020</p> <p>Budget: N/A</p> <p>Funded by: Not specific</p>	<p>Coordination mandate for BioTrade activities in the 3 countries.</p> <p>Possible topics:</p> <ul style="list-style-type: none"> - Output 2.1: Policy recommendations / experiences on ABS are considered in regional / national process - Output 2.3: They have also relevant BioTrade related information 	UNCTAD, UEFT, ACB	<p>Mr. Andrew Wilson – Manager</p> <p>Andrew.Wilson@helvetas.org</p> <p>Address:</p> <p>Van Phuc Diplomatic Quarters 298F Kim Ma Street Hanoi (RO)</p> <p>Phone: +84 24 3843 17 50</p>

NGO	BT	<p>HELVETAS Laos;</p> <p>https://www.helvetas.org/en/laos</p>	<p>Goal: to improve the livelihoods of poor and disadvantaged people; to strengthen local actors and to contribute to framework conditions conducive to inclusive and sustainable development.</p> <p>Core areas: sustainable & inclusive economies; environment & climate change; governance & peace</p>	<p>“BioTrade: Ethical Trade in Plant-Based Resource”</p> <p>Goal: To promote BioTrade, the ethical, sustainable trade in resources derived from natural biodiversity, Helvetas works with local processors, traders, importers and exporters who are prepared to integrate the core values of sustainable use and social ethics into their business practices.</p> <p>Time frame: 2016-2020 Budget: Funded by: SECO</p>	<p>Building ABS model in Laos</p> <p>Possible topics:</p> <ul style="list-style-type: none"> - Output 2.1: Policy recommendations / experiences on ABS are considered in regional / national process - Output 2.3: They have relevant BioTrade related information 	<p>UNCTAD, UEBT</p>	<p>Ms. NIPHAPHONE Nampanya – Manager</p> <p>Niphaphone.Nampanya@helvetas.org</p> <p>Address: P.O Box 6367, House No. 143 Ban Phonthan Neua, Unit 15, Rue Phonthan 01000 Vientiane Capital</p> <p>Phone: +856 21 263 189 Email: laos@helvetas.org</p>
NGO	BT	<p>HELVETAS Myanmar</p> <p>https://www.helvetas.org/en/myanmar</p>	<p>Goal: to improve the livelihoods of poor and disadvantaged people; to strengthen local actors and to contribute to framework conditions conducive to inclusive and sustainable development.</p> <p>Core areas: sustainable & inclusive economies; environment & climate change;</p>	<p>“BioTrade: Ethical Trade in Plant-Based Resource”</p> <p>Goal: To promote BioTrade, the ethical, sustainable trade in resources derived from natural biodiversity, Helvetas works with local processors, traders, importers and exporters who are prepared to integrate the core values of sustainable use and social ethics into their business practices.</p> <p>Time frame: 2016-2020 Budget:</p>	<p>Building ABS model in Myanmar</p> <p>Possible topics:</p> <ul style="list-style-type: none"> - Output 2.1: Policy recommendations / experiences on ABS are considered in regional / national process - Output 2.3: They have relevant BioTrade related information 	<p>UNCTAD, UEBT</p>	<p>Mr. ZAW MIN Oo – Manager</p> <p>ZawMin.Oo@helvetas.org</p> <p>Address: 12F Minkyaung Street Kyaik Wine Pagoda Road 11062 Mayangone Township, Yangon</p>

			governance & peace	Funded by: SECO			Phone: +95 (0) 997 914 0158 Email: myanmar@helvetas.org
NGO	BT	HELNETAS Vietnam https://www.helvetas.org/en/vietnam	<p>Goal: to improve the livelihoods of poor and disadvantaged people; to strengthen local actors and to contribute to framework conditions conducive to inclusive and sustainable development.</p> <p>Core areas: sustainable & inclusive economies; environment & climate change; governance & peace</p>	<p>1. “Scaling Up of Biotrade Initiatives Within Phyto-Pharmaceutical Sector in Vietnam”</p> <p>Goal: to upscale the sustainable Ethical Biotrade (EBT) business model to the natural ingredient sector of Vietnam so that the country becomes an internationally recognized supplier of natural ingredients to phyto-pharmaceutical, cosmetic and food supplement industries.</p> <p>Time frame: 2016-2020 Budget: Funded by: European Commission</p> <p>2. “BioTrade: Ethical Trade in Plant-Based Resource”</p> <p>Goal: To promote BioTrade, the ethical, sustainable trade in resources derived from natural biodiversity, Helvetas works with local processors, traders, importers and exporters who are prepared to integrate the core values of sustainable use and</p>	Building ABS model in Vietnam Possible topics: - Output 2.1: Policy recommendations / experiences on ABS are considered in regional / national process - Output 2.3: They have relevant BioTrade related information	UNCTAD, UEFT	Mr. Vien Kim Cuong – Manager Cuong.Vien@helvetas.org Address: Van Phuc Diplomatic Quarters 298F Kim Ma Street Hanoi (RO) Phone: +84 24 3843 17 50 Email: helvetas.vietnam@helvetas.org

				social ethics into their business practices. Time frame: 2016-2020 Budget: Funded by: SECO			
DPI	T&B	Global Environment Facility (GEF) https://www.thegef.org/	Goal: to provide funding for the implementation of international environmental conventions and agreements	<p>“Capacity Building for the Ratification and Implementation of the Nagoya Protocol on Access and Benefit Sharing in Viet Nam”</p> <p>+ Goal: to strengthen national capacities on access and benefit sharing of genetic resources to facilitate the implementation of the Nagoya Protocol on Access and Benefit Sharing</p> <p>4 Components: (i) Creating an enabling national policy, legal and institutional framework for ABS; (ii) Developing administrative measures for implementation of national ABS legal framework; (iii) Increasing awareness and capacity of all relevant stakeholders for implementation of national ABS framework; and (iv) Demonstrating private-public-community partnerships on access and benefit sharing.</p> <p>Time frame: 2016 - 2019 Budget: 2,000,000 USD Scope: Hanoi, Lao Cao (Vietnam) Funded by: Global Environmental Facilities (GEF) through UNDP</p>	<p>Before supporting Vietnam build its capacity for ABS implementation, GEF also has supported Vietnam, Laos and other ASEAN countries to implement the feasibility assessment for ABS development.</p> <p>Possible topics:</p> <p>- Output 2.1: Advocacy for policy recommendations / experiences on ABS are considered in Vietnam process.</p>	BCA (Viet Nam) ECD (Myanmar) MOST (Laos) ACB; UNCTAD HELVETAS BioTrade Regional Project	<p>Mr. Pham Phu Binh</p> <p>Ministry of Natural Resources and Environment of Vietnam International Cooperation Department,</p> <p>Address:</p> <p>10 Ton That Thuyet, Hanoi, Viet Nam</p> <p>Phone: +84 024 3795 6868 ext. 1116</p> <p>Email: ppbinh@monre.gov.vn; phamphubinh@gmail.com</p>
P	T&B	Sapa Napro	Goal: to plant,	“Capacity Building for the	Selected as pilot ABS model in	DK Pharma	Mr. Ly Lao Lo –

		http://sapanapro.com/ GEF ABS project	produce and supply traditional medicine in Sapa Core areas: traditional medicine	Ratification and Implementation of the Nagoya Protocol on Access and Benefit Sharing in Viet Nam” + Goal: to strengthen national capacities on access and benefit sharing of genetic resources to facilitate the implementation of the Nagoya Protocol on Access and Benefit Sharing 4 Components: (i) Creating an enabling national policy, legal and institutional framework for ABS; (ii) Developing administrative measures for implementation of national ABS legal framework; (iii) Increasing awareness and capacity of all relevant stakeholders for implementation of national ABS framework; and (iv) Demonstrating private-public-community partnerships on access and benefit sharing. Time frame: 2016 - 2019 Budget: 2,000,000 USD Scope: Hanoi, Lao Cao (Vietnam) Funded by: Global Environmental Facilities (GEF)	GEF ABS project. Possible topics: - Output 2.1: Participate in workshops as best practice for ABS	HELVETAS Vietnam; CRED BIG Vietnam	Manager Address: Ta Chai village, Ta Phin commune, Sapa District, Lao Cai province, Vietnam Phone: (84) (93) 6204.510
NGO	T&B	The Wildlife Trade Monitoring Network - TRAFFIC http://www.traffic.org/	Goal: to promote international co-operation, providing advice and recommendations, along with action at the	Expressed interest in exploring opportunities for collaboration on sustainable, equitable, legal trade in wild life (both animals and plants).	Sharing some common interests with BioTrade (e.g.: sustainable sourcing of natural ingredients from the wild), there are some interesting emerging issues that could be addressed (traceability, NTBs, etc). Possible topics: - Output 2.1: Advocacy for policy	UNCTAD, SECO	Mr. Nguyen The Cuong - Program Officer Email: cuong.nguyen@traffic.org

		fic.org/	national level is among TRAFFIC's top priorities to address wildlife trade issues		recommendations / experiences on ABS are considered in regional (Mekong) process. - Output 2.2: Advocacy for BioTrade emerging issues / experiences are considered in regional policy process - Output 2.3: They have relevant BioTrade related information		Address: No 1, Lane 95, Giang Van Minh Street, Ba Dinh District, Ha Noi, Viet Nam. Tel: (84) 24 3726 5023;
RMO	BT	ASEAN Centre for Biodiversity (ACB) https://ASEANbiodiversity.org/	ACB's goal is to effectively facilitate regional cooperation and deliver capacity building services to the AMS in conserving biodiversity.	The Biodiversity-based Products (BBP) project Goal: to promote BBP for the improvement of livelihoods and biodiversity protection, according to their needs Time frame: 2015-2019 Budget: EUR 4,000,000 Funded by: GIZ	Coordinating Biodiversity Conservational and sustainable use between ASEAN Countries Possible topics: - Output 2.1: Advocacy for policy recommendations / experiences on ABS are considered in regional (Mekong) process. - Output 2.3: They have relevant BioTrade related information.	UNCTAD HELVETAS Regional BioTrade Project	Mr. PERIA Elpidio – Expert Email: pingperia16@gmail.com Phone: +63 49 536 3989 Mr. LOPEZ Norman Eric – Regional Coordinator of BBP Email: Norman.Lopez@gfa-group.de Phone: 6349-536-3989
	T&B	NIMM (Viet Nam) National Institute of Medicinal	Goal: to propose national medicinal plants, development policies to MOH, provide scientific	NIMM has been actively engaged as implementing partners for BioTrade project in Viet Nam since 2012.	Provide technical services and advocacy for BioTrade projects in Viet Nam. Possible topics:	HELVETAS Vietnam CRED BIG Viet Nam	Mr. Le Viet Dung - Deputy Director Address:

		Materials, a research institute under Ministry of Health (MOH) (Viet Nam) http://vienduoclieu.org.vn/	research about the conservation and application of medicinal plants.		- Output 2.2: Advocacy for BioTrade emerging issues / experiences are considered in Viet Nam policy process		3B Quang Trung, Hoan Kiem District, Ha Noi Email: ttv-nimm@vienduoclieu.org.vn
P	T&B	Vietroselle http://vietroselle.com/	Goal: to plant and provide medical materials and food supplements. Core areas: raw materials, herbal teas and supplement food	Participating in BioTrade projects since 2012, Vietroselle is the first Viet Nam member of UEFT.	Showing a big interest in producing green products in general and BioTrade products in particular. Possible topics: - Output 2.2: Advocacy for BioTrade emerging issues / experiences are considered in Viet Nam policy process	HELVETAS Vietnam CRED BIG Viet Nam UNCTAD UEBT	Mr. Hoang Xuan Lam (84-8) 3962 7105 – 0932118801 hongdaiviet@vietroselle.com
P	T&B	Traphaco Sapa http://traphacosapa.com/	Goal: to plant, process medical plants and produce Core areas: raw materials, herbal teas and supplement food	Engaging with BioTrade activities since 2012 and has been audited to be UEFT member. Traphaco Sapa commits with sustainable development of medicinal plants against BioTrade principles and criteria.	Showing long-term commitment for BioTrade P&C and as UEFT trading member. Possible topics: - Output 2.2: Advocacy for BioTrade emerging issues / experiences are considered in Viet Nam policy process	HELVETAS Vietnam CRED BIG Viet Nam UNCTAD UEBT	Mr. Do Tien Sy – Director (84) (96) 909.5050 traphacosapa@gmail.com
P	T&B	ProFound http://thisisprofound.com/	Goal: to provide consultancy on trade promotion of natural ingredients.	ProFound has a close collaboration with Helvetas in providing desk research, field work and reporting in the inception phase of BioTrade	An experienced consultant on trade promotion of natural ingredients		ProFound – Advisers In Development Lange Smeestraat 55 3511 PV Utrecht, The

			<p>Core areas: consultancy on value chains of natural ingredients</p>	projects.	<p>Possible topics: - Output 2.3: They have relevant BioTrade related information</p>		<p>Netherlands</p> <p>Phone: +31 (0)30 2762824 mail@ThisIsProFound.com</p>
P	T&B	<p>The Swiss Import Promotion Programme (SIPPO)</p> <p>http://www.sippo.vn/en</p>	<p>Goal: to connect relevant export sectors from eleven partner countries with reliable importers in Switzerland, the rest of Europe and other important target markets.</p> <p>Core areas: Exporting promotion, connecting value chains to markets</p>	SIPPO for the time being has no specific support on any BioTrade projects because it does not support directly private companies but associations which are capable enough for exporting. Currently, there is not any associations on natural ingredients which meet its criteria.	<p>An exporting supporter into the European market</p> <p>Possible topics: - Output 2.3: They have relevant BioTrade related information</p>	<p>UNCTAD HELVETAS BIG Viet Nam CRED UEBT</p>	<p>Ms. Tran Nhu Trang</p> <p>Country Representative in Viet Nam tran.nhutrang@sippo.vn</p>
NGO	T&B	<p>EDB-HUP</p> <p>http://www.hup.edu.vn/Pages/default.aspx#section=generalw</p>	<p>Goal: to carry out research, investigation and conservation of medical plants</p> <p>Core area: Medical plants</p>	EDB-HUP has been participating in many projects on the conservation of medical plants. Currently, it has been chosen as a researcher of OCOP program in Vietnam.	<p>A leading researching organization of medical plants.</p> <p>Possible topics: - Output 2.3: They have relevant BioTrade related information</p>	<p>UNCTAD HELVETAS BIG Viet Nam UEBT</p>	<p>Mr. Tran Van On – Director</p> <p>ontvhup@gmail.com</p>
G	T&B	<p>Quacert Viet Nam</p>	<p>Goal: to provide certification of products</p>	Quacert was a partner of BioTrade project in Vietnam. It verified 4 value chains of natural ingredients within the project.	<p>A leading certification body in Vietnam</p>	<p>UNCTAD HELVETAS BIG Viet</p>	<p>Mr. Tran Quoc Dung – Deputy Director</p>

		http://www.quacert.gov.vn/	<p>Core areas:</p> <p>Mandatory product certification; management system</p>		<p>Possible topics:</p> <p>- Output 2.3: They have relevant BioTrade related information</p>	<p>Nam UEBT</p>	<p>dzungtq@quacert.gov.vn</p>
P	T&B	Myanmar Thanaka Planters, Producers, and Exporters Association	<p>Goal: to promote thanaka development in Myanmar</p> <p>Core areas;</p> <p>Thanaka production</p>	<p>“BioTrade: Ethical Trade in Plant-Based Resource”</p> <p>Goal: To promote BioTrade, the ethical, sustainable trade in resources derived from natural biodiversity, Helvetas works with local processors, traders, importers and exporters who are prepared to integrate the core values of sustainable use and social ethics into their business practices.</p> <p>Time frame: 2016-2020</p> <p>Budget:</p> <p>Funded by: SECO</p>	<p>Anchored as starting point of BioTrade intervention to Thanaka companies.</p> <p>Possible topics:</p> <p>- Output 2.1: Advocacy for policy recommendations / experiences on ABS are considered in regional (Mekong) process.</p> <p>- Output 2.3: They have relevant BioTrade related information</p>	<p>HELVETAS Myanmar</p>	

P	BT	BioTrade Implementation Group (BIG Vietnam)	<p>Goal: to support sustainable development of natural ingredient value chains</p> <p>Core areas: BioTrade, biodiversity-based and ABS value chains;</p>	<p>A Spin-off from first phase of BioTrade project, BIG Vietnam promoting sustainable development of natural ingredient against BioTrade P&C.</p> <p>BIG Vietnam has been providing services (technical consultation, advocacy and trading services) to companies and communities, who want to take up sustainable development of natural ingredient value chains</p>	<p>Facilitate and provide supported services for sustainable development of natural ingredients in accordance to BioTrade P&C.</p> <p>Possible topics:</p> <ul style="list-style-type: none"> - Output 2.1: Advocacy for policy recommendations / experiences on ABS are considered in regional (Mekong) process. - Output 2.3: They have relevant BioTrade related information 	UNCTAD	<p>Mr. Ta Minh Son - Director</p> <p>Mobile: (84) (96) 562 3031</p> <p>Address: 57 Tran Quoc Toan street, Hoan Kiem District, Hanoi, Vietnam.</p> <p>Email: biotrade.vietnam@gmail.com</p>
DPI	BT	State Secretariat for Economic Affairs SECO	<p>Goal: to ensure sustainable economic growth by putting in place the necessary regulatory and economic policy conditions.</p>	<p>“BioTrade: Ethical Trade in Plant-Based Resource”</p> <p>Goal: To promote BioTrade, the ethical, sustainable trade in resources derived from natural biodiversity, Helvetas works with local processors, traders, importers and exporters who are prepared to integrate the core values of sustainable use and social ethics into their business practices.</p> <p>Time frame: 2016-2020</p>	<p>The biggest donor of BioTrade projects in the Mekong region.</p> <p>Possible topics:</p> <ul style="list-style-type: none"> - Output 2.1: Advocacy for policy recommendations / experiences on ABS are considered in regional (Mekong) process. - Output 2.2: Advocacy for BioTrade emerging issues / experiences are considered in regional policy process - Output 2.3: They have relevant BioTrade related information 	UNCTAD HELVETAS	<p>Mr. Do Quang Huy - Program Officer (Viet Nam office)</p> <p>huy.doquang@eda.admin.ch</p>
DPI	T&B	World Bank https://www.worldbank.org/	<p>Goal: to end poverty and promote shared prosperity for the world</p>	<p><i>“Second Lao Environment and Social Project”</i></p> <p>Goal: to help strengthen selected environmental protection</p>	<p>The biggest fund provider for projects on development and environment in Asian countries.</p>	UNCTAD HELVETAS	<p>ENVIRONMENT PROTECTION FUND (Lao PDR)</p> <p>Address:</p>

			<p>Core areas: Financial products and services; innovative knowledge sharing</p>	<p>management systems, specifically for protected areas conservation, enforcement of wildlife laws and environmental assessment management.</p> <p>Time frame: Since 2015</p> <p>Budget: 16.6 million USD (Loan)</p>	<p>Possible topics: - Output 2.3: They have relevant BioTrade related information</p>		<p>MNRE Building, 2/F PO Box 7647 Street 100 Sidamduan, Chanthabouly, Vientiane, Laos</p> <p>Phone: (+856) 21 - 25 27 39</p>
DPI	T&B	<p>ADB</p> <p>https://www.adb.org/about/main</p>	<p>Goal: to foster economic growth and cooperation in Asia</p> <p>Core areas: Loans, technical assistance, grants</p>	<p>Although ADB does not work with biodiversity, its current projects on climate-friendly agribusiness value chains can be relevant to BioTrade.</p>	<p>The biggest loan provider for Asian countries</p> <p>Possible topics: - Output 2.3: They have relevant BioTrade related information</p>	<p>UNCTAD HELVETAS</p>	
DPI	T&B	<p>GIZ</p> <p>https://www.giz.de/en/html/index.html</p>	<p>Goal: to provide competent services and support the German Government in achieving its objectives.</p> <p>Core Areas: Expertise, development services</p>	<p><i>The following projects are relevant:</i></p> <p>1. "Conservation and sustainable use of forest biodiversity and ecosystem services"</p> <p>Goal: to create important prerequisites for conservation and sustainable use of biodiversity and ecosystem services of forests in Viet Nam.</p> <p>Time frame: 2014 – 2018</p> <p>2. "Protection and sustainable use</p>	<p>The leading supporter for REDD+ programs in Mekong countries.</p> <p>Possible topics: - Output 2.3: They have relevant BioTrade related information</p>	<p>UNCTAD HELVETAS</p>	<p>GIZ Viet Nam: Address: Floor 6, Somerset Grand Hanoi, 49 Hai Ba Trung Street, Hoan Kiem District, Hanoi. Phone: (84) (024) 3934 4951</p> <p>GIZ Lao PDR: Mr. Wolfgang Hannig - Country Director Email:</p>

				<p><i>of forest ecosystems and biodiversity in Laos”</i></p> <p>Goal: to improve conditions for the sustainable management of forest resources and biodiversity.</p> <p>Time frame: 2017 – 2019</p>			<p>giz-laos@giz.de</p> <p>Address: P.O. Box 9233 Vientiane Capital Laos</p> <p>Phone: +856-21 353605 +856-21 312408</p>
DPI	T&P	<p>KfW https://www.kfw-entwicklungsbank.de</p>	<p>Goal: to support change and encourages forward-looking ideas – in Germany, Europe and throughout the world.</p> <p>Core areas: Development finance; export and project finance;</p>	<p>“Protection and Inclusive Management of Forest Ecosystems in Quang Nam, Kon Tum and Gia Lai provinces (KfW10)”</p> <p>Goal: to contribute to the maintenance of ecological integrity and biodiversity of natural forest ecosystems in the south central region and Central Highlands of Vietnam, while enhancing local ethnic communities living standards.</p> <p>Time frame: 2014 – 2020</p> <p>Budget: 10,666,670 USD</p> <p>Donor: KfW</p> <p>https://daln.gov.vn/en/ac190a744/protection-and-inclusive-management-of-forest-ecosystems-in-quang-nam-kon-tum-and-gia-lai-provinces-kfw10.html</p>	<p>As one of the biggest loan provider for Asian countries</p> <p>Possible topics: - Output 2.3: They have relevant BioTrade related information</p>	<p>UNCTAD HELVETAS</p>	<p>Ms. Le Thuy Anh – Program coordinator of KfW Vietnam</p> <p>Phone: (84) (24) 39345355</p>

DPI	T&B	<p>Japan International Cooperation Agency (JICA)</p> <p>https://www.jica.go.jp/english/</p>	<p>Goal: to contribute to the promotion of international cooperation as well as the sound development of Japanese and global economy by supporting the socioeconomic development, recovery or economic stability of developing regions.</p> <p>Core areas:</p> <p>Development assistant loans and grants; technical cooperation; public-private partnership</p>	<p><i>“Protection Forests Restoration and Sustainable Management Project”</i></p> <p>Goal: to enhance the function of the watershed protection forests, restore and conserve biodiversity and reduce poverty in mountainous areas by restoring and improving the watershed protection forests in eleven (11) provinces in Viet Nam.</p> <p>Time frame:</p> <p>2012 – 2020</p> <p>Budget:</p> <p>68,783,000 USD (Loan)</p> <p>https://www.jica.go.jp/english/newspress/2011/pdf/120330_03_08.pdf</p>	<p>As one of the biggest loan provider in Vietnam</p> <p>Possible topics:</p> <p>- Output 2.3: They have relevant BioTrade related information</p>	<p>UNCTAD HELVETAS</p>	<p>Executive Agency:</p> <p>Ministry of Agriculture and Rural Development</p> <p>Address: 2 Ngoc Ha, Ba Dinh District, Hanoi, Vietnam</p> <p>Phone: +84 (4) 3845-9670, fax: +84 (4) 3733-0752</p>
DPI	T&B	<p>The French Agricultural Research Centre for International Development (CIRAD)</p> <p>https://www.cirad.fr/en</p> <p>https://asie-sud-est.cirad.fr/</p>	<p>Goal: to work with its partners in southern countries to generate and pass on new knowledge to support agricultural development.</p> <p>Core areas:</p> <p>Food security, Climate change, Natural resource management</p>	<p><i>“Landscape Management and Conservation Agriculture Development for Eco-Friendly Intensification and Climate Resilient Agricultural Systems in Lao PDR (EFICAS project)”</i></p> <p>Goal: to develop innovative methods and intervention approaches to support farmers’ adoption of climate smart agricultural systems based on conservation agriculture</p> <p>Time frame:</p> <p>2014-2017</p>	<p>As a leading supporter in R&D activities,</p> <p>Possible topics:</p> <p>- Output 2.3: They have relevant BioTrade related information</p>	<p>UNCTAD HELVETAS</p>	<p>EFICAS project</p> <p>PO Box 3310, Vientiane, Lao PDR</p> <p>Tel/Fax: (+856) 21 771288</p> <p>Email: eficas.laos@gmail.com</p>

				<p>Donors:</p> <p>The European Union Global Climate Change Alliance</p> <p>The Agence Française de Développement</p>			
P	BT	<p>Union for Ethical Bio Trade (UEBT)</p> <p>https://www.ethicalbiotrade.org/</p>	<p>Goal: to promote the sourcing with respect of ingredients that come from biodiversity through providing standards for its members.</p>		<p>Core partner to implement business outreach</p> <p>Conduct biodiversity barometers</p> <p>Collaborate in the organization of business-to-business roundtables</p> <p>Possible topics:</p> <ul style="list-style-type: none"> - Output 2.1: Advocacy for policy recommendations / experiences on ABS are considered in regional (Mekong) process. - Output 2.3: They have relevant BioTrade related information 	<p>UNCTAD</p> <p>HELVETAS</p>	<p>Secretariat</p> <p>De Ruijterkade 6</p> <p>1013 AA</p> <p>Amsterdam</p> <p>The Netherlands</p> <p>Phone: + 31 20 223 4567</p>
NGO	BT	<p>Fauna & Flora International</p> <p>https://www.fauna-flora.org/</p>	<p>Goal: to conserve threatened species and ecosystems worldwide</p> <p>Core Areas:</p> <p>People and environment; landscape and</p>	<p>FFI has had a number of projects on conservation in the Mekong region.</p>	<p>Being the oldest organization which works in conservation.</p> <p>Possible topics:</p> <ul style="list-style-type: none"> - Output 2.3: They have relevant BioTrade related information 		

			habitat				
NGO	T&B	<p>Wildlife Conservation Society (WCS)</p> <p>https://www.wcs.org/our-work/places/asia</p>	<p>Goal: to conserve the world's largest wild places in 16 priority regions, home to more than 50% of the planet's biodiversity</p> <p>Core areas:</p> <p>Discovering and understanding the natural world; inspiring decision-makers, communities; and protecting the wildlife and wild places</p>	<p>WCS has worked in Greater Mekong (including Lao PDR, Myanmar and Viet Nam) for more than 20 years with the goal of maintaining the remaining forests, wetlands, and unique biodiversity.</p> <p>WCS's biodiversity-related projects consist of:</p> <ul style="list-style-type: none"> - Nakai Nam Theun protected area in Lao PDR), - Lao –German Climate Protection through Avoided Deforestation (CliPAD) - Alaungdaw Kathapa and Natmataung National Park (in Myanmar). 	<p>As the biggest supporter of protected areas in the region.</p> <p>Possible topics:</p> <p>- Output 2.3: They have relevant BioTrade related information</p>	<p>UNCTAD HELVETAS</p>	<p>WCS - Lao PDR:</p> <p>Unit 15, House No. 173, Sisavath Tai Village, Chathabouly District, Vientiane 01000, Laos</p> <p>WCS – Myanmar:</p> <p>Address: No. 12(B-21,22) Narnattaw Road, Shwe Kainnayi Housing, Kamayut Township, Yangon, Myanmar</p> <p>Phone: 95 1 535711</p> <p>Email: wcsmyanmar@wcs.org</p>
RMO	BT	<p>The United Nations Environment Programme (UNEP)</p> <p>https://www.unenvironment.org/about-un-environment</p>	<p>Goal: to provide leadership and encourage partnership in caring for the environment by inspiring, informing, and enabling nations and peoples to improve their quality of life without compromising that of future</p>	<p>Although there is no ongoing BioTrade-related projects in the region, UNEP has been playing the role to ensure the effective delivery of the environmental dimensions of the 2030 Agenda.</p>	<p>As the leading global environmental authority</p> <p>Possible topics:</p> <p>- Output 2.3: They have relevant BioTrade related information</p>	<p>UNCTAD HELVETAS</p>	<p>UN Environment Regional Office for Asia and the Pacific</p> <p>2nd Floor, Block A, UN Building</p> <p>Rajdamnern Avenue, Bangkok 10200</p> <p>+662 288 2314 +66-2-2803829 uneproap@un.org</p>

			generations. Core areas: Climate change; Ecosystem management; Environmental governance				
RMO	T&B	UNDP Vietnam http://www.vn.undp.org/content/vietnam/en/home/	Goal: to help Viet Nam overcome emerging challenges to continue its journey on a sustainable development path. Core areas: Environment, climate change and disaster; poverty reduction; women's empowerment; democratic governance	<i>"Gene conservation in Herbal/traditional medicinal material exploitation "</i> & <i>"Medicinal materials plantation"</i> Goal: to supply raw materials for trade/market supply No funding has been secured as this is an area for resource mobilization in the future.	The biggest leader of many projects on environmental protection and conservation. Possible topics: - Output 2.3: They have relevant BioTrade related information	UNCTAD HELVETAS UEBT	Dr. Dao Khanh Tung UNDP Viet Nam dao.khanh.tung@undp.org
DPI	BT	European Commission (EU)	Goal: to promotes European Union's general interest.	"Scaling Up of BioTrade Initiatives Within Phyto-Pharmaceutical Sector in Vietnam" Goal: to upscale the sustainable Ethical Biotrade (EBT) business model to the natural ingredient sector of Vietnam so that the country becomes an internationally recognized	As the donor to scale up BioTrade initiatives in Vietnam. Possible topics: - Output 2.1: Advocacy for policy recommendations / experiences on ABS are considered in regional (Mekong) process. - Output 2.3: They have relevant		

			supplier of natural ingredients to phyto-pharmaceutical, cosmetic and food supplement industries. Time frame: 2016-2020	BioTrade related information		
Market Access						
NGO	BT	HELVETAS	<p>Goal: to support women and men in taking charge of improving their livelihoods in a sustainable manner and in working together as partners.</p> <p>Core Areas: project work, thematic and methodological advice as well as policy dialogue at local, regional and international level</p>	<p>The Regional BioTrade Project Southeast Asia</p> <p>Goal: This project aims at building sustainable business models by changing trade of raw materials and natural ingredients to preserve its resource base for future generations and to increase capabilities and competitiveness of local producers, processors and exporters.</p> <p>Time frame: 2016 - 2020</p> <p>Budget: N/A</p> <p>Funded by: SECO</p>	<p>With experiences and networking in the region, Helvetas can attract and support companies in applying BioTrade P&C.</p> <p>Possible topics:</p> <ul style="list-style-type: none"> - Output 3.1: Attract and support companies within its network to use developed technical guidance, cases, training modules. - Output 3.2: Attract and support selected companies take up Sustainability Map from ITC 	<p>UNCTAD, UEFT, ACB</p> <p>Mr. Andrew Wilson – Manager</p> <p>Andrew.Wilson@helvetas.org</p> <p>Address:</p> <p>Van Phuc Diplomatic Quarters 298F Kim Ma Street Hanoi (RO)</p> <p>Phone: +84 24 3843 17 50</p>

NGO	BT	<p>HELVETAS Laos</p> <p>https://www.helvetas.org/en/laos</p>	<p>Goal: to improve the livelihoods of poor and disadvantaged people; to strengthen local actors and to contribute to framework conditions conducive to inclusive and sustainable development.</p> <p>Core areas: sustainable & inclusive economies; environment & climate change; governance & peace</p>	<p>“BioTrade: Ethical Trade in Plant-Based Resource”</p> <p>Goal: To promote BioTrade, the ethical, sustainable trade in resources derived from natural biodiversity, Helvetas works with local processors, traders, importers and exporters who are prepared to integrate the core values of sustainable use and social ethics into their business practices.</p> <p>Time frame: 2016-2020 Budget: Funded by: SECO</p>	<p>Implementation mandate for BioTrade activities in Laos.</p> <p>Possible topics:</p> <ul style="list-style-type: none"> - Output 3.1: Attract and support companies within its network to use developed technical guidance, cases, training modules. - Output 3.2: Attract and support selected companies take up Sustainability Map from ITC 	<p>UNCTAD, UEBT</p>	<p>Ms. NIPHAPHONE Nampanya – Manager</p> <p>Niphaphone.Nampanya@helvetas.org</p> <p>Address: P.O Box 6367, House No. 143 Ban Phonthan Neua, Unit 15, Rue Phonthan 01000 Vientiane Capital</p> <p>Phone: +856 21 263 189 Email: laos@helvetas.org</p>
NGO	BT	<p>HELVETAS Myanmar</p> <p>https://www.helvetas.org/en/myanmar</p>	<p>Goal: to improve the livelihoods of poor and disadvantaged people; to strengthen local actors and to contribute to framework conditions conducive to inclusive and sustainable development.</p> <p>Core areas: sustainable & inclusive economies; environment & climate change; governance & peace</p>	<p>“BioTrade: Ethical Trade in Plant-Based Resource”</p> <p>Goal: To promote BioTrade, the ethical, sustainable trade in resources derived from natural biodiversity, Helvetas works with local processors, traders, importers and exporters who are prepared to integrate the core values of sustainable use and social ethics into their business practices.</p> <p>Time frame: 2016-2020 Budget:</p>	<p>Implementation mandate for BioTrade activities in Myanmar.</p> <p>Possible topics:</p> <ul style="list-style-type: none"> - Output 3.1: Attract and support companies within its network to use developed technical guidance, cases, training modules. - Output 3.2: Attract and support selected companies take up Sustainability Map from ITC 	<p>UNCTAD, UEBT</p>	<p>Mr. ZAW MIN Oo – Manager</p> <p>ZawMin.Oo@helvetas.org</p> <p>Address: 12F Minkyang Street Kyaik Wine Pagoda Road 11062 Mayangone</p>

				Funded by: SECO			Township, Yangon Phone: +95 (0) 997 914 0158 Email: myanmar@helvetas.org
NGO	BT	HELVETAS Vietnam https://www.helvetas.org/en/vietnam	Goal: to improve the livelihoods of poor and disadvantaged people; to strengthen local actors and to contribute to framework conditions conducive to inclusive and sustainable development. Core areas: sustainable & inclusive economies; environment & climate change; governance & peace	1. “Scaling Up of Biotrade Initiatives Within Phyto-Pharmaceutical Sector in Vietnam” Goal: to upscale the sustainable Ethical Biotrade (EBT) business model to the natural ingredient sector of Vietnam so that the country becomes an internationally recognized supplier of natural ingredients to phyto-pharmaceutical, cosmetic and food supplement industries. Time frame: 2016-2020 Budget: Funded by: European Commission 2. “BioTrade: Ethical Trade in Plant-Based Resource” Goal: To promote BioTrade, the ethical, sustainable trade in resources derived from natural biodiversity, Helvetas works with local processors, traders, importers and exporters who are	Implementation mandate for BioTrade activities in Vietnam. Possible topics: - Output 3.1: Attract and support companies within its network to use developed technical guidance, cases, training modules. - Output 3.2: Attract and support selected companies take up Sustainability Map from ITC	UNCTAD, UEBT	Mr. Vien Kim Cuong – Manager Cuong.Vien@helvetas.org Address: Van Phuc Diplomatic Quarters 298F Kim Ma Street Hanoi (RO) Phone: +84 24 3843 17 50 Email: helvetas.vietnam@helvetas.org

				<p>prepared to integrate the core values of sustainable use and social ethics into their business practices.</p> <p>Time frame: 2016-2020 Budget: Funded by: SECO</p>			
NGO	BT	<p>Center for Rural Economic Development (CRED)</p> <p>http://cred.org.vn/</p>	<p>Goal: to eliminate poverty and greater inclusion of disadvantaged groups in Viet Nam and Mekong region including the poor, women, children and ethnic minorities through greater participation and benefits from sustainable development and economic growth.</p> <p>Core areas: climate change, agriculture, livelihood, research, landscaping</p>	<p>“Scaling Up of BioTrade Initiatives Within Phyto-Pharmaceutical Sector in Vietnam”</p> <p>Goal: to upscale the sustainable Ethical BioTrade (EBT) business model to the natural ingredient sector of Vietnam so that the country becomes an internationally recognized supplier of natural ingredients to phyto-pharmaceutical, cosmetic and food supplement industries.</p> <p>Time frame: 2016-2020 Budget: Funded by: European Commission</p>	<p>Provide services for BioTrade projects in Viet Nam.</p> <p>Possible topics:</p> <ul style="list-style-type: none"> - Output 3.1: Attract and support companies within its network to use developed technical guidance, cases, training modules. - Output 3.2: Attract and support selected companies take up Sustainability Map from ITC 	UNCTAD UEBT?	<p>Mrs. Nguyen Lam Giang</p> <p>Address: 298F Kim Ma, Ba Dinh, Hanoi, Vietnam</p> <p>Phone: +84 4 3843 1750</p> <p>Email: cred@cred.org.vn</p>
P	T&B	<p>Vietroselle</p> <p>http://vietroselle.com/</p>	<p>Goal: to plant and provide medical materials and food supplements.</p>	<p>Participating in BioTrade projects since 2012, Vietroselle is the first Viet Nam member of UEBT.</p>	<p>Showing a big interest in producing green products in general and BioTrade products in particular.</p> <p>Possible topics:</p> <ul style="list-style-type: none"> - Output 3.1: Attract and support companies within its network to use developed 	<p>HELVETAS Vietnam</p> <p>CRED</p> <p>BIG Viet Nam</p> <p>UNCTAD</p> <p>UEBT</p>	<p>Mr. Hoang Xuan Lam</p> <p>(84-8) 3962 7105 – 0932118801</p> <p>hongdaiviet@vietroselle.com</p>

					technical guidance, cases, training modules.		
P	T&B	Traphaco Sapa http://traphacosapa.com/	Goal: to plant, process medical plants and produce Core areas: raw materials, herbal teas and supplement food	Engaging with BioTrade activities since 2012 and has been audited to be UEBT member. Traphaco Sapa commits with sustainable development of medicinal plants against BioTrade principles and criteria.	Showing long-term commitment for BioTrade P&C and as UEBT trading member. Possible topics: - Output 3.1: Attract and support companies within its network to use developed technical guidance, cases, training modules.	HELVETAS Vietnam CRED BIG Viet Nam UNCTAD UEBT	Mr. Do Tien Sy – Director (84) (96) 909.5050 traphacosapa@gmail.com
P	T&B	DK Pharma http://dkpharma.vn	Goal: to work with communities and business sector to promote native products from biodiversity. Core areas: research, commercialization of natural products	DK Pharma has been selected by the Government as a focal promoter of the National One Commune One Product (OCOP) program.	Promoter of sustainable development of native biodiversity-based products in the framework of national OCOP program. Possible topics: - Output 3.1: Attract and support companies within its network to use developed technical guidance, cases, training modules.	HELVETAS Viet Nam CRED BIG Viet Nam	Address: No 9, Nguyen Cong Tru, Hai Ba Trung District, Hanoi. Phone: (84) (024) 3933 2607 Email: info@dkpharma.vn
RMO	BT	ASEAN Centre for Biodiversity (ACB) https://ASEANbiodiversity.org/	ACB's goal is to effectively facilitate regional cooperation and deliver capacity building services to the AMS in conserving biodiversity.	The Biodiversity-based Products (BBP) project Goal: to promote BBP for the improvement of livelihoods and biodiversity protection, according to their needs Time frame: 2015-2019 Budget: EUR 4,000,000 Funded by: GIZ	Coordinating Biodiversity Conservational and sustainable use between ASEAN Countries Possible topics: - Output 3.1: Attract and support companies within its network to use developed technical guidance, cases, training modules. - Output 3.2: Attract and support selected companies take up	UNCTAD HELVETAS Regional BioTrade Project	Mr. PERIA Elpidio – Expert Email: pingperia16@gmail.com Phone: +63 49 536 3989 Mr. LOPEZ Norman

					Sustainability Map from ITC		Eric – Regional Coordinator of BBP Email: Norman.Lopez@gfa-group.de Phone: 6349-536-3989
P	BT	BioTrade Implementation Group (BIG Vietnam)	Goal: to support sustainable development of natural ingredient value chains Core areas: BioTrade, biodiversity-based and ABS value chains;	A spin-off from first phase of BioTrade project, BIG Viet Nam promoting sustainable development of natural ingredient against BioTrade P&C. BIG Viet Nam has been providing services (technical consultation, advocacy and trading services) to companies and communities, who want to take up sustainable development of natural ingredient value chains	Facilitate and provide supported services for sustainable development of natural ingredients in accordance to BioTrade P&C. Possible topics: - Output 3.1: Attract and support companies within its network to use developed technical guidance, cases, training modules. - Output 3.2: Attract and support selected companies take up Sustainability Map from ITC	UNCTAD	Mr. Ta Minh Son - Director Mobile: (84) (96) 562 3031 Address: 57 Tran Quoc Toan street, Hoan Kiem District, Hanoi, Vietnam. Email: biotrade.vietnam@gmail.com
P	T&B	Vietnam Organic Agriculture Association (VOAA) http://www.hieph	Goal: to promote organic agriculture development in Viet Nam Core areas: Not identified	Being supported by HELVETAS Vietnam as organic association which aims to communicate BioTrade P&C in general and organic practice in particular for organic network in Viet Nam	Primarily selected as association partner for BioTrade project in Viet Nam. Possible topics: - Output 3.1: Attract and support companies within its network to	HELVETAS Viet Nam CRED	Address: 42 Nguyen Dinh Hoan Street, Nghia Do, Cau Giay District, Ha Noi Phone: (84) (024) 32272806

		oihuuco.com.vn/			use developed technical guidance, cases, training modules.		Email: hiephoihuucovn@gmail.com
G	T&B	National Trade Promotion Agency of Viet Nam (VIETRADE)	Goal: to provide technical supports to business associations and propose supportive policies for trade promotion.	As national implementing agency for long-term trade support projects funded by SECO, Vietrade is proposing a new trade promotion project. Natural ingredient could be integrated into a tea sector which is a sector supported by this proposal.	Primarily selected as association partner for BioTrade project in Viet Nam. Possible topics: - Output 3.1: Attract and support companies within its network to use developed technical guidance, cases, training modules. - Output 3.2: Attract and support selected companies take up Sustainability Map from ITC	HELVETAS Viet Nam CRED	Ms. Nguyen Thi Minh Thuy - Program Manager thuyntm@vietrade.gov.vn
P	T&B	Myanmar Thanaka Planters, Producers, and Exporters Association	Goal: to promote Thanaka development in Myanmar Core areas:	“BioTrade: Ethical Trade in Plant-Based Resource” Goal: To promote BioTrade, the ethical, sustainable trade in resources derived from natural biodiversity, Helvetas works with local processors, traders, importers and exporters who are prepared to integrate the core values of sustainable use and social ethics into their business practices. Time frame: 2016-2020 Budget: Funded by: SECO	Anchored as starting point of BioTrade intervention to Thanaka companies. Possible topics: - Output 3.1: Attract and support companies within its network to use developed technical guidance, cases, training modules.	HELVETAS Myanmar	
RM O	T&B	International Trade Center	Goal: to facilitate SME success in international	There is no current BioTrade relating projects in the Mekong	As a leading trade organization, ICT may be interested in		

		(ITC)	business Core areas: international competitiveness of SMEs, performance of trade and investment support institutions and integration of the business sector	region.	working with BioTrade projects. Possible topics: - Output 3.1: Attract and support companies within its network to use developed technical guidance, cases, training modules. - Output 3.2: Attract and support selected companies take up Sustainability Map from ITC		
P	BT	Union for Ethical Bio Trade (UEBT) https://www.ethicalbiotrade.org/	Goal: to promote the sourcing with respect of ingredients that come from biodiversity through providing standards for its members.		Core partner to implement business outreach Conduct biodiversity barometers Collaborate in the organization of business-to business roundtables Possible topics: - Output 3.1: Attract and support companies within its network to use developed technical guidance, cases, training modules. - Output 3.2: Attract and support selected companies take up Sustainability Map from ITC		Secretariat De Ruijterkade 6 1013 AA Amsterdam The Netherlands Phone: + 31 20 223 4567

5. Focus on mapping of ABS activities and stakeholders in the stakeholders in light of the implementation of SDG 15.6; Aichi Target 16; and the Nagoya Protocol

5.1. Introduction

In 2018, the Nagoya Protocol entered into force and has gained over 109 ratifications so far. The Protocol is meant to ensure the fair and equitable sharing of benefits from the use of genetic resources, which is one of the three objectives of the Convention on Biological Diversity (CBD).

According to the protocol, “Access and benefit-sharing (ABS) refers to the way in which genetic resources may be accessed, and how the benefits that result from their use are shared between the people or countries using the resources and the people or countries that provide them”.

The protocol also introduced a set of principles and rules on access and benefits sharing (ABS), including provisions on compliance, verification and cross border transfer of genetic resources.

In South East Asia, there are 6 ratifying countries which started to review their national ABS regulations weighing their compliance with these new provisions. Some have found the need to update or re-draft new implementing laws or regulations at different levels.

UNCTAD has played its leading role in BioTrade Initiative in South East Asia for more than 10 years. BioTrade principles already require compliance with the CBD's three main objectives: biodiversity conservation, sustainable use and the fair and equitable sharing of the benefits arising out of the utilization of genetic resources. BioTrade is recognized as a key vehicle for the implementation of CBD the Nagoya Protocol objectives.

Since May 2018, UNCTAD has been implementing of the project "Linking trade, biodiversity and sustainable development" in which one of the issues to be tackled is enabling policy environment for BioTrade companies at the national and international levels (including access and benefit sharing regulations, policies or administrative guidelines).

This report will provide inputs for the elaboration of a Plan of Action on how UNCTAD and its partners in the Mekong region, especially Lao PDR, Myanmar and Viet Nam, can engage with relevant ABS activities. The followings are 6 expected outputs of the mapping study on ABS:

- A mapping of ABS activities and stakeholders in the region in light of the implementation of SDG 15.6, Aichi Target 16 and the Nagoya Protocol;
- A preliminary list of species, natural ingredients and related value chains that would need to comply with ABS regulations in order to expand their businesses and be able to undertake or expand R&D activities;
- A list of potential areas of collaboration to comply with ABS requirements for value chains interested in undertaking R&D;

- A list of areas where there is duplication among different partners as well as potential regulatory and technical gaps that need to be addressed;
- A brief analysis on current levels of implementation of the Nagoya Protocol and ABS obligations in the beneficiary countries as well as status of existing legal, regulatory or policy initiatives or bills;
- 2-pager with the main ABS findings and recommendations for UNCTAD and its partners.

5.2. Methodology

As mentioned in Chapter 4, the tracing technique is used in mapping for both BioTrade organizations/initiatives and ABS activities. Because ABS and BioTrade have close linkages, all organizations/initiatives which implemented or has been implementing ABS activities are included in the BioTrade base map. In this chapter, the BioTrade base map is also used as a base map.

Basing on the current map, each ABS implementing organization is traced and interviewed both online and face-to-face to identify the current situation of ABS implementation as well as potential species for ABS activities. After the interview, an ABS mapping is formed.

The mapping was presented as inputs for discussing in the workshop on *“Improving coordination technical assistance delivery on BioTrade and Access and Benefit Sharing in South East Asia 7-8 June, Laos PDR”*. Basing on the comments of participants, the data is consolidated to form the complete mapping of ABS in the Mekong.

5.3. Selection criteria for including ABS activities/ value chains

The following is 5 criteria has been defined for the selection of ABS value chains:

- All actors of the value chain must be identified.
- The selected specie should show its potential for R&D.
- There may not be clarity on whether access to genetic resources and traditional knowledge (TK) is required for the value chain in question.
- The value chain should demonstrate its typical ABS models (TK, country with country)
- The model could be learned or disseminated for practical application.

Criteria	Reason
1. Existence of the value chain	

All actors of the value chain must be identified.	The value chain cannot be developed with a missing actor.
2. Potential for R&D until 2022	
The selected specie should show its potential for R&D.	It's important to develop ABS model in the project time. The feasibility of R&D should be considered.
3. Traditional Knowledge (TK)	
There may not be clarity on whether access to genetic resources and traditional knowledge (TK) is required for the value chain in question.	ABS regulations may not be applied if value chains are not related to genetic resources utilization or traditional knowledge use.
4. ABS model demonstration	
The value chain should demonstrate its typical ABS models (TK, country with country)	It's important to develop ABS model in the project time.
5. Knowledge Sharing	
The model could be learned or disseminated for practical application.	For promoting ABS implementation throughout the world, value chains must be published as communication models.

5.4. Mapping & Consolidation

Tracing to all ABS implementing organizations, all species meeting the criteria defined in the previous part are identified. The mapping of ABS activities is formed. This mapping includes 3 sections.

Section A: List of BioTrade value chains that would need to comply with ABS regulations in order to expand their businesses and be able to undertake R&D activities.

Section B: Status of ABS regulatory review and implementation in selected Mekong region countries (Laos PDR, Vietnam and Myanmar), regulatory and technical gaps areas, current technical support, any potential duplication among different partners.

Section C: List opportunities and activities for further cooperation which align in supporting compliance with ABS requirements for value chains interested in undertaking R&D (a 4-year threshold)

The first draft of the mapping was used as inputs for discussing in the workshop *“Improving coordination technical assistance delivery on BioTrade and Access and Benefit Sharing in South East Asia 7-8 June, Laos PDR”*.

After the workshop, some data have changed, and a consolidated mapping was formed. (See the original presentation of BIG Vietnam at Annex 1)

5.4.1. A preliminary list of species, natural ingredients and related value chains that would need to comply with ABS regulations in order to expand their businesses and be able to undertake R&D activities.

In Section A, the mapping includes 25 species in Viet Nam, Lao PDR and Myanmar. They belong to such various sectors as herbal medicine, food, cosmetics, spice and botanical pesticide. The involvement of many countries (both users and providers) shows that ABS compliance is an increasing trend throughout the world. The potential utilization for R&D and commercialization is also clearly stated in the mapping.

Section A: List of BioTrade value chains that would need to comply with ABS regulations in order to expand their businesses and be able to undertake R&D activities.

Source Specie(s) (local and <i>scientific</i> names. If a large number indicate estimates and list an example)	Product/Sector	Countries involved (providers/users)	Type foreseen utilization or R&D activity	Is there already an ABS request or contract in place? (if so, details)	Technical cooperation agencies involved	Contact person of who is developing it (organization, position, phone, email, country)
Ampelopsis cantoniensis (Che Day)	Herbal Medicines	Viet Nam / EU	R&D to isolate and use unknown ingredients	Not yet	Biodiversity Conservation Agency - MONRE (BCA)	Ph. Le Quan (Mr), Deputy Director of Traphaco Sapa Cellphone: (+84) 91381 4496 E-mail: lequan.hup@gmail.com
Mormodica cochinchinensis (Gac)	Foods Cosmetics	Viet Nam / USA	R&D to isolate and use of ingredients (e.g. lycopene, beta carotene.)	Not yet	Department of Sciences, Technology and Environment -MARD (STED)	PhD. Trinh Hien Trung (Mr), Director of TH Herbal (Vietnam) Cellphone: (+84)1639869897 E-mail: trungth@thherbals.com
Cinnamomum cassia (Que, Cinnamon)	Spices Cosmetics	Viet Nam / China, EU, US	Essential Oil	Not yet	Department of Sciences, Technology and Environment -MARD (STED)	Nguyen Thi Huyen (Ms) Director of Vinasamex (Vietnam) Cellphone: (+84) 987558116 E-mail: info@staraniseed.com
Illicium verum (Hoi, Star Anise)	Spices Herbal Medicines	Viet Nam / China, EU, US	Essential Oil	Not yet	Department of Sciences, Technology and Environment -MARD (STED)	Nguyen Thi Huyen (Ms) Director of Vinasamex (Vietnam) Cellphone: (+84) 987558116 E-mail: info@staraniseed.com
Zingiber officinale (Gung, Zinger)	Foods Cosmetics	Viet Nam / China, EU	Resin Essential Oil	Not yet	Department of Sciences, Technology and Environment -MARD (STED)	Tran Van Hieu (Mr), Director of DACE (Vietnam) Phone: (+84) 911 177 111 E-mail: contact@dace.vn
Curcuma longa (Nghe, Curcuma)	Foods Cosmetics	Viet Nam / China, EU	Ingredients	Not yet	Department of Sciences, Technology and Environment -MARD (STED)	Tran Van Hieu (Mr), Director of DACE (Vietnam) Phone: (+84) 911 177 111 E-mail: contact@dace.vn

Styrax tonkinensis (Canh kien trang, Styrax)	Cosmetics	Viet Nam / EU, US	Resin	Not yet	Department of Sciences, Technology and Environment -MARD (STED)	Tran Van Phu (Mr), Director of Duc Phu AgroForest Cellphone: (+84) 988 480 128 E-mail: nhuacanhkientrang@gmail.com
Laccifer lacca (Canh kien do, Lacca)	Cosmetics	Viet Nam / EU, US	Resin	Not yet	Biodiversity Conservation Agency (BCA, MONRE)	Tran Van Phu (Mr), Director of Duc Phu AgroForest Cellphone: (+84) 988 480 128 E-mail: nhuacanhkientrang@gmail.com
Azolla microphylla (Beo hoa dau)	Herbal Medicines	Viet Nam	Extraction and Isolated ingredient (Phyllamin)	Not yet	Department of Sciences, Technology and Environment -MARD (STED)	Pham Duc Thuan (Mr), Director of Novaco Pharmaceuticals Phone: (+84) E-mail:
Sambucus javanica (Cay com chay)	Cosmetics Herbal Medicines	Viet Nam	Extraction	In process (pilot ABS model)	Biodiversity Conservation Agency (BCA, MONRE); Centre for Research and Development of Medicinal Plants (CREDEP)	PhD. Tran Van On (Mr), Director of Medicinal Plants Development Project, DK Pharma Cellphone: (+84) E-mail:
Clematis uncinata (Hoa ong lao)	Cosmetics Herbal Medicines	Viet Nam	Extraction	In process (pilot ABS model - GEF Project)	Biodiversity Conservation Agency (BCA, MONRE); Centre for Research and Development of Medicinal Plants (CREDEP)	PhD. Tran Van On (Mr), Director of Medicinal Plants Development Project, DK Pharma Cellphone: (+84) E-mail:
Elsholtzia blanda (Cay chua du)	Cosmetics Herbal Medicines	Viet Nam	Extraction	In process (pilot ABS model - GEF Project)	Biodiversity Conservation Agency (BCA, MONRE); Centre for Research and Development of Medicinal Plants (CREDEP)	PhD. Tran Van On (Mr), Director of Medicinal Plants Development Project, DK Pharma Cellphone: (+84) E-mail:

Litsea cubela (Mang tang)	Cosmetics Herbal Medicines	Viet Nam	Extraction	In process (pilot ABS model - GEF Project)	Biodiversity Conservation Agency (BCA, MONRE); Centre for Research and Development of Medicinal Plants (CREDEP)	PhD. Tran Van On (Mr), Director of Medicinal Plants Development Project, DK Pharma Cellphone: (+84) E-mail:
Illigera rhodantha (Lien dang hoa do)	Cosmetics Herbal Medicines	Viet Nam	Extraction	In process (pilot ABS model - GEF Project)	Biodiversity Conservation Agency (BCA, MONRE); Centre for Research and Development of Medicinal Plants (CREDEP)	PhD. Tran Van On (Mr), Director of Medicinal Plants Development Project, DK Pharma Cellphone: (+84) E-mail:
Hesperethusa crenulata (Thanaka)	Cosmetics	Myanmar / EU, US	Extraction & potential R&D to isolate and use of ingredients	Not yet	Not yet identified	Not available
Alpinia laganga (Rieng nep)	Foods; Cosmetic	Viet Nam / EU, US, Japan, China	Extraction & potential R&D to isolate and use of ingredients	In process	Department of Sciences, Technology and Environment -MARD (STED); BioTrade Implementation Group (BIG Vietnam)	Confidential Requirement;
Salvia miltiorhiza (Dan sam)	Herbal Medicines Cosmetics	Viet Nam / EU, US, Japan, China	Extraction & potential R&D to isolate and use of ingredients	In process	Biodiversity Conservation Agency (BCA, MONRE);	Confidential Requirement;
Lansium domesticum (Bon bon)	Foods Cosmetics	Viet Nam / EU, US, Japan, China	Extraction & potential R&D to isolate and use of ingredients	In process	Department of Sciences, Technology and Environment -MARD (STED);	Confidential Requirement;
Nephelium lappaceum (Chom chom)	Foods Cosmetics	Viet Nam / EU, US, Japan, China	Extraction & potential R&D to isolate and use of ingredients	In process	Department of Sciences, Technology and Environment -MARD (STED);	Confidential Requirement;

Panax vietnamensis (Sam Ngoc linh)	Herbal Medicines Cosmetics	Viet Nam	Extraction & potential R&D to isolate and use of ingredients	Not yet	Biodiversity Conservation Agency (BCA, MONRE)	Not available
Melia azedarach (Xoan)	Cosmetics	Viet Nam / EU	Extraction & potential R&D to isolate and use of ingredients	In process	Department of Sciences, Technology and Environment -MARD (STED);	Confidential Requirement
Azadirachta indica (Neem, Coc hanh)	Botanical pesticide	Viet Nam / EU	Extraction & potential R&D to isolate and use of ingredients	In process	Department of Sciences, Technology and Environment -MARD (STED);	Confidential Requirement
Camellia chrysantha (Tra hoa vang)	Foods, Cosmetics; Herbal Medicines	Viet Nam / China	Extraction & potential R&D to isolate and use of ingredients	Not yet	Department of Sciences, Technology and Environment -MARD (STED); Centre for Research and Development of Medicinal Plants (CREDEP);	PhD. Tran Van On (Mr), Director of Medicinal Plants Development Project, DK Pharma Cellphone: (+84) E-mail:
Anoectochilus setaceu (Lan Kim tuyen, Co nhung)	Herbal Medicines	Viet Nam, Laos	Extraction & potential R&D to isolate and use of ingredients	Not yet	Not yet identified	Dr. Kosonh Xayphakatsa, Director of Genetic Resource Division, BEI; Cellphone: (+85) 620 59545606 E-mail: kosonh@yahoo.com;
Codonopsis sp. (Poor man ginseng)	Herbal Medicines	Laos	Extraction & potential R&D to isolate and use of ingredients	Not yet	Not yet identified	Dr. Kosonh Xayphakatsa, Director of Genetic Resource Division, BEI; Cellphone: (+85) 620 59545606 E-mail: kosonh@yahoo.com;

5.4.2. Status of ABS regulatory review and implementation in selected Mekong region countries (Laos PDR, Viet Nam and Myanmar), regulatory and technical gaps areas, current technical support, any potential duplication among different partners.

In Section B, the status of ABS regulations and implementation in selected Mekong region countries (Lao PDR, Viet Nam and Myanmar) is reviewed. All the technical gaps/ challenges and their reasons are listed.

The issues emerging during the implementation of ABS are also found with their reasons. The issues are mainly in Viet Nam but seem to appear in other countries. The followings are the biggest and common issues:

- The lack of awareness of all ABS stakeholders (from private to public) and capacity of national competent agencies are limited.
- There is an overlap and unclear scope of application/ management between technical cooperation agencies.
- The low level of coordination between ABS authorities (national competent agencies, technical cooperation agencies, local authorities...) is still weak.
- The ABS data system has not been harmonized yet.
- There's a lack of experiences and assistance from practical ABS cases.

Challenge /Gap	Reason
The approval of ABS value chains has taken a long time and some value chains are disapproved without satisfactory explanations for companies. (Viet Nam)	As ABS is still quite a new issue in Viet Nam, it will take time and resources for awareness raising, capacity building for not only in-charge governmental competent authorities, relevant checking points (IP office, customs, etc.) and ABS stakeholders (companies, local authorities, and communities.) for its effective implementation in practices. There is no effective coordination and collaboration among three identified ABS implementation focal points. (Which are: (1) The Ministry of Agriculture and Rural Development is to grant, extend and withdraw licenses for access to genetic resources of plant varieties, livestock breeds, aquatic breeds and forest tree varieties; (2) The Ministry of Natural Resources and Environment is to grant, extend and withdraw licenses for remaining cases and (3) The Provincial People Committees).
ABS information system has not yet been established or is fully operational (Viet Nam)	ABS is a cross-sector issue and its national database on biodiversity is in the making and its usage is scattered among many agencies and organizations.
The inconsistent capacity among identified national competent authorities. (Viet Nam)	There is a lack of ABS experiences of three identified national competent authorities and limit expertise of biodiversity of related checkpoints (IP, customs, etc.)

<p>The updating and reporting the compliances among identified national competent authorities still takes time and efforts. (Viet Nam)</p>	<p>The templates for updating and reporting the compliances among identified national competent authorities have not been developed for easier-going reporting & updating. (Viet Nam)</p>
<p>The verification of genetic resources has been implemented with the weak cooperation between ABS regulations (Biodiversity Law) and Intellectual Property (IP Law).</p>	<p>The definition and regulations of IP Law on the traditional knowledge is not clear. It needs further regulatory and administrative development including scope, roles of IP and ABS implementing checkpoints, functional mechanism and legal effects, etc.</p>
<p>The piloted project faces the challenge in developing the value chain. (Viet Nam)</p>	<p>The time of land use for forest protecting farmers lasts 1 year in protected areas only, making the company and farmers less interest in investing to develop the value chain.</p>
	<p>The awareness of local authorities on ABS is still limited.</p>
<p>There's a weak cooperation & collaboration among related agencies. (Lao PDR)</p>	<p>ABS issue has diverse stakeholders which include: agriculture, forestry, environment, health, academic and biotechnology that take times and resources to receive consensus.</p>
	<p>ABS is new with limited of awareness and knowledge; and the official legislative procedures.</p>
	<p>There is a challenge for domestic coordination between CBD focal point under MONRE while NP ABS focal point under MOST.</p>

Section B: Status of ABS regulatory review and implementation in selected Mekong region countries (Laos PDR, Vietnam and Myanmar), regulatory and technical gaps areas, current technical support, any potential duplication among different partners.

Country	Regulatory/policy instruments (existing or in process) that implement CBD or Nagoya (include: title, year, link, or document)	List any regulatory or policy gaps or challenges you are facing in relation to it	National agencies + contact person (position, phone, email, country)	Technical cooperation agency (ies) involved, area of work + contact person (position, phone, email, country)
Vietnam	<p>DECREE on The Management of Access to Genetic Resources and the Sharing of Benefits Arising from their Utilization (59/2017/NĐ-CP)</p> <p>Enforcement: 1st July 2017</p> <p>https://absch.cbd.int/api/v2013/documents/AC33787F-4DE3-45A3-403D-DC8032E58A87/attachments/Vietnam%20ABS%20decree_English_Jun%2003_clean.pdf</p>	<p>ABS is quite new issue in Vietnam, it will take time and resources for awareness raising, capacity building for not only in-charge governmental competent authorities, relevant check points (IP office, customs, etc) and ABS stakeholders (companies, local authorities, and communities.) for its effective implementation in practices.</p> <p>ABS is a cross-sector issue and its national database on biodiversity usage is scattered among many agencies and organizations. ABS information system has not been established and operated.</p> <p>There will be huge efforts, time and investment for the effective coordination and collaboration among three identified ABS implementation checkpoint (Which are: (1) The Ministry of Agriculture and Rural Development is to grant, extend and withdraw licenses for access to genetic resources of plant varieties, livestock breeds, aquatic breeds and forest tree varieties; (2) The Ministry of Natural Resources and Environment is to grant, extend and withdraw licenses for remaining cases and (3) The Provincial People Committees).</p>	<p>BIODIVERSITY CONSERVATION AGENCY (BCA) (Viet Nam Environment Administration - VEA and Ministry of Natural Resources and Environment - MONRE)</p> <p>Hoang Thanh Nhan (Ms) Deputy Director, Phone: (+84) 243 795 6868 ext 3110 E-mail: hoangnhan.bca1@gmail.com</p> <p>Nguyen Dang Thu Cuc (Ms) Head of Genetic Resources Division, Cellphone: (+84) 942 86 8636 E-mail: cucnguyen.bca@gmail.com</p> <p>SCIENCES, TECHNOLOGY & ENVIRONMENT DEPARTMENT (STED)</p>	<p>Ministry of Agriculture & Rural Development (MARD)</p> <ul style="list-style-type: none"> - Department of Crop Production (for plant varieties); - Department of Livestock Husbandry (for livestock breeds); - Forest Administration Office of Vietnam (for forestry varieties); - Directorate of Fishery (for aquatic breeds); <p>Ministry of Health:</p> <ul style="list-style-type: none"> - Traditional Medicines Administration; <p>Provincial People's</p>

		<p>The inconsistent capacity among identified national competent authorities due to lack of ABS experiences of three identified national competent authorities and limit expertise of biodiversity of related checkpoints (IP, customs, etc.)</p> <p>The mechanism of update and report regime and its compliances among identified national competent authorities still not be identified and consistent</p> <p>The inconsistent between ABS regulation (Biodiversity Law) and Intellectual Property (IP Law), e.g: the definition of IP right over Traditional Knowledge associated with Genetic Resources</p>	(Ministry of Agricultural and Rural Development - MARD)	Committee
	<p>Biodiversity Law (2008) Enforcement: 1st July 2009</p> <p>https://absch.cbd.int/database/record/ABSCH-MSR-VN-202094</p>			
	<p>Viet Nam National Biodiversity Strategy to 2020, vision to 2030 Adopted: 31st July 2013</p> <p>https://absch.cbd.int/api/v2013/documents/B1386951-E447-D99A-E059-6D45AE9EF54B/attachments/QD%201250%20Chien%20luoc%20(VIE).pdf</p> <p>(Vietnamese version only)</p>			
Lao PDR	<p>National Framework on the Access to Genetic Resources and the Fair and Equitable Sharing of Benefit Arising from their Utilization (2013)</p> <p>https://absch.cbd.int/api/v2013/docu</p>	<p>ABS issue has diverse stakeholders which include: agriculture, forestry, environment, health, academic and biotechnology that take times and resources to receive consensus.</p>	<p>Ministry of Sciences and Technology (MOST)</p> <p>Dr. Souriodong Sundara, Vice Minister, Phone: (+85) 621 132 207 Email: souriodong@yahoo.co.uk</p>	<p>Ministry of Agriculture and Forestry (MOAF);</p> <p>Ministry of Natural Resources and Environment (MONRE)</p>

	<p>ments/A66A4054-B70B-B34A-3BDD-40D887216935/attachments/LAO%20ABS%20eng%20last%20October%2029%202013%20PDF.pdf</p> <p>(English version)</p>		and	Ministry of Health (MOH)
	<p>Biotechnology Safety Law (2014) Enforced: 28 Jan 2014</p> <p>https://absch.cbd.int/database/record/ABSCH-MSR-LA-238954</p>	ABS is new with limited of awareness and knowledge; and official legislative procedures are still not yet in place	Ms. Kongchay Phimmakong, Email: kongchaybeechn@gmail.com	
	<p>ABS Decree On the drafting process</p>	Challenge for domestic coordination between CBD focal point under MONRE while NP ABS focal point under MOST. Laos is thinking options to develop guidelines for standalone ABS contracts while the regulation process is completed so access is not impeded.		
Myanmar	<p>National Biodiversity Strategy and Action Plan 2015 - 2020</p> <p>Aichi Target 16: By 2015, the Nagoya Protocol on Access to Genetic Resources and the Fair and Equitable Sharing of Benefits Arising from their Utilization is in force and operational, consistent with national legislation</p> <p>https://www.cbd.int/doc/world/mm/mm-nbsap-v2-en.pdf</p>		<p>ENVIROMENT CONSERVATION DEPARTMENT (ECD) Ministry of Natural Resources and Environmental Conservation (MONREC)</p> <p>Mr. Hla Maung Thein General Director</p> <p>Phone: (+95) 67 405 381 E-mail: hlamaungthein.env@gmail.com</p>	Ministry of Agriculture and Irrigation (MOAI)

5.4.3. Opportunities and activities for further cooperation which align in supporting compliance with ABS requirements for value chains interested in undertaking R&D

In Section C, all the opportunities and activities for further cooperation in supporting compliance with ABS requirements for value chains interested in undertaking R&D are listed, basing on the availability of financial resources.

The Regional BioTrade Project South East Asia, which is facilitated by HELVETAS, will include the ABS activities of selected BioTrade partners. The most important activity of the project will be the development of ABS models in three beneficiary countries.

In Vietnam, the project “Capacity Building for the Ratification and Implementation of the Nagoya Protocol on Access and Benefit Sharing in Viet Nam” is a good opportunity for the ABS implementation in practices. Moreover, BioTrade Implementation Group (BIG Viet Nam), playing a role of a science and technology company, also facilitates and supports the ABS compliances for some selected natural ingredients value chains in Viet Nam as supply country.

In Myanmar, the Nagoya Protocol Implementation has been developed. A National ABS Roadmap and Action Plan will further identify the priorities for legislative development, awareness raising, and capacity building. In Lao PDR, ABS law and regulations Decree have been consulted and commented for the draft done by Ministry of Sciences & Technology (MOST).

Section C: List opportunities and activities for further cooperation which align in supporting compliance with ABS requirements for value chains interested in undertaking R&D (a 4-year threshold).

Proposed opportunities / activities for join cooperation (e.g. ongoing and future projects, time frame, amount, region, donor, etc.)	Links to BioTrade	Current or potential contributing partners (name of organisations)	What would the contribution of each partner?	Contact person of partners (position, phone, email, country)	Website of organization and/or project
<p>Capacity Building for the Ratification and Implementation of the Nagoya Protocol on Access and Benefit Sharing in Viet Nam</p> <p>Time frame: 2016 - 2019 Budget: 2,000,000 USD Country: Vietnam Funded by: Global Environmental Facilities (GEF)</p>	<p>Facilitation of implementation and compliances of ABS in Viet Nam</p>	<p>BIODIVERSITY CONSERVATION AGENCY (BCA) GEF/ UNDP</p>	<p>BCA: Play a central role as implementing agency, provide entry to all project related policy aspects and stakeholders</p> <p>GEF/UNDP: Provide financial and technical supports for project implementation</p> <p>UNCTAD: Provide technical supports and ABS policy network. Facilitate the ABS knowledge and experiences sharing.</p>	<p>BCA Ms. Nguyen Dang Thu Cuc, Head of Genetic Resources Division, Phone: E-mail: cucnguyen.bca@gmail.com</p> <p>UNDP Mr. Dao Khanh Tung, Program officer Phone: Email: dao.khanh.tung@undp.org</p>	<p>http://www.vn.undp.org/content/vietnam/en/home/operations/projects/environment_climatechange/nagoya-protocol-on-access-and-benefit-sharing-in-viet-nam.html</p>
<p>Regional BioTrade Project South East Asia</p> <p>Time frame: 2016 - 2020 Budget: 4,951,906 USD Countries: Laos, Myanmar and Viet Nam Funded by: The Swiss Secretariats of Economics Affairs (SECO)</p>	<p>Development of BioTrade activities in the Mekong countries (Laos, Myanmar and Viet Nam)</p>	<p>HELVETAS BioTrade Regional Project</p>	<p>HELVETAS: Facilitate the ABS take up and implementation of selected BioTrade partners</p> <p>UNCTAD: Facilitate the ABS knowledge and experience sharing among the BioTrade network</p>	<p>HELVETAS BioTrade Regional Project Mr. Andrew Wilson, Regional Project Manager Phone: E-mail: andrew.wilson@helvetas.org</p>	<p>https://www.helvetas.org/en/vietnam/what-we-do/how-we-work/our-projects/vietnam-laos-myanmar-regional-market</p>

<p>Regional BioTrade Project South East Asia</p> <p>Time frame: 2016 - 2020 Budget: 4,951,906 USD (For 3 countries) Countries: Laos Funded by: The Swiss Secretariats of Economics Affairs (SECO)</p>	<p>Development of pilot ABS model of selected natural ingredients value chains</p>	<p>HELVETAS Laos</p>	<p>HELVETAS Laos: Facilitate the ABS take up and implementation of selected BioTrade partners in Laos</p> <p>UNCTAD: Facilitate the ABS knowledge and experience sharing among the BioTrade network</p>	<p>Ms. Niphaphone Nampanya Laos Biotrade Project Manager Phone: E-mail:</p>	<p>https://www.helvetas.org/en/vietnam/what-we-do/how-we-work/our-projects/vietnam-laos-myanmar-regional-market</p>
<p>Regional BioTrade Project South East Asia</p> <p>Time frame: 2016 - 2020 Budget: 4,951,906 USD (For 3 countries) Countries: Myanmar Funded by: The Swiss Secretariats of Economics Affairs (SECO)</p>	<p>Development of pilot ABS model of Thanaka (Hesperethusa crenulata) value chain</p>	<p>HEVELTAS Myanmar</p>	<p>HELVETAS Myanmar: Facilitate the ABS take up and implementation of selected BioTrade partners in Myanmar</p> <p>UNCTAD: Facilitate the ABS knowledge and experiencesharing among the BioTrade network</p>	<p>Mr. Zaw Min Oo, Myanmar Biotrade Project Manager Phone: E-mail: zawmin.oo@helvetas.org</p>	<p>https://www.helvetas.org/en/vietnam/what-we-do/how-we-work/our-projects/vietnam-laos-myanmar-regional-market</p>
<p>Regional BioTrade Project South East Asia</p> <p>Time frame: 2016 - 2020 Budget: 4,951,906 USD (For 3 countries) Countries: Viet Nam Funded by: The Swiss Secretariats of Economics Affairs (SECO)</p>	<p>Development of pilot ABS model of selected natural ingredients value chains</p>	<p>Centre for Rural Economic Development (CRED)</p>	<p>CRED: Support for the pilot ABS model of selected BioTrade value chains</p> <p>UNCTAD: Facilitate the ABS knowledge and experiences sharing among the BioTrade network</p>	<p>Ms. Nguyen Lam Giang, Director Phone: E-mail: giang.nguyen@cred.org.vn</p>	<p>http://cred.org.vn/what-we-do/landscaping-biotrade/</p>
<p>Nagoya Protocol Implementation Development in Myanmar</p> <p>Time frame: From 2018 Budget: N/A Funded by: Not yet identified</p>	<p>Develop a National ABS Roadmap and Action Plan Identifies the priorities for legislative development, awareness raising, and capacity building. Establish the Nagoya Protocol in the national legal framework</p>	<p>Environment Conservation Department (ECD)</p>	<p>ECD: In charge of focal point to develop a National ABS Roadmap and Action Plan</p> <p>UNCTAD: Provide technical support and ABS experience sharing network</p>	<p>Mr. Hla Maung Thein General Director Phone: (+95) 67 405 381 E-mail: hlamaungthein.env@gmail.com</p>	

	Also, potential support for ABS contract and patent map for specific promising products such as Thanaka				
ABS Decree Development in Lao PDR Time frame: From 2018-2019 Budget: N/A Funded by: Not yet identified	Drafting of guidelines and model contracts	Ministry of Sciences & Technology (MOST)	MOST: In charge of focal point to draft the ABS Decree, guidelines and model contracts UNCTAD: Provide technical support and ABS experience sharing network	Dr. Souriodong Sundara, Vice Minister, Phone: (+85) 621 132 207 Email:souriodong@yahoo.co.uk	
ABS implementation in practices in Viet Nam Time frame: From 2018 Budget: N/A Funded by: Not yet identified Country: Viet Nam	Facilitate and support the ABS compliances in selected natural ingredients value chains in Vietnam as supply country Or Promote coherence between ABS contract granting and intellectual property application	BioTrade Implementation Group (BIG Vietnam)	BIG Vietnam: Acting as local sciences and technology organization to support the ABS compliances of foreign companies in Viet Nam as sourcing country. UNCTAD: Provide technical support and ABS experience sharing network	Dr. Tran Huong Trang, Legal Coordinator, Phone: E-mail:	http://biotradevietnam.org/en/

5.4.4. The consolidated mapping

After the workshop on “*Improving coordination technical assistance delivery on BioTrade and Access and Benefit Sharing in South East Asia 7-8 June, Laos PDR*”, the mapping has been consolidated into an agreed **Mekong Action Plan** with more data and comments from participants who are BioTrade and ABS partners. (See the details in Annex 2)

The **Mekong Action Plan** includes 4 sections as follows:

Section A: Lists the commitments that partners have pledged to make

Section B: Shows current ABS-related activities or joint projects that have already started or in process of starting

Section C: Current situation of ABS regulatory review and implementation status in Laos PDR, Viet Nam and Myanmar in areas such as regulatory and technical gaps areas, technical support, any potential duplication among different partners.

Section D: Lists value chains that would need to comply with ABS regulations in order to expand their businesses and be able to undertake or expand R&D activities

The most important part of the consolidated mapping is the commitment of all involved partners. Section A consists of 16 cooperation activities and opportunities which are committed by participants as their contribution to promote a BioTrade friendly implementation of the SDG 15.6, relevant Aichi Targets and the Nagoya Protocol.

- Joint R&D on non-commercial *Aquilaria* sp: training + ABS Pilot case and joint R&D on two ABS Pilot Case species will be led by Ministry of Science Lao PDR.
- Thannaka project will be implemented by Ministry of Natural Resources and Environmental Conservation (ECD) of Myanmar with the support from UNCTAD, Helvetas, UEBT.
- ABS implementation in practices in Viet Nam will be done by BioTrade Implementation Group (BIG Viet Nam).
- BioTrade and ABS Practice Manual in Mekong Region will be prepared by ACB and BBP. UNCTAD will provide publication material and practical experience (based on "20 years of BioTrade" and "ABS handbook" publications).
- Capacity-building with authorities on standards compliance will be done in Lao PDR and Vietnam with the participation of such organizations as GIZ, MAF, MOIC, MOST, BTA, BTN, LNCCI, FairTrade Lao, LHA, BBP (Lao PDR) and BCA, MARD, MOIC, ACB, Helvetas, Chambers of Commerce (Viet Nam)
- Consultation Meeting at the National/Province Level on BioTrade & ABS will be carried out in Lao PDR with the commitment of Helvetas, BEI, MAF, MOIC, UNCTAD.
- Documentation of Best Practices on BioTrade will be implemented in Lao PDR and Vietnam by Helvetas, MAF, BEI and CRED
- Translation of ABS Handbook into local language will be done in Laos.
- Building, consolidating, disseminating and documenting best practices (through workshops, training, and others) will be led by UNCTAD and HELVETAS.

- ABS Contract Guideline will be carried out in Lao PDR with the support from UNCTAD, Helvetas, UEBT.
- BCA-UNCTAD bilateral meeting on IP application and linkages with ABS will be implemented in Vietnam with the leadership of BCA and consultation of UNCTAD and BIG Viet Nam.

In addition to the partners' commitment at Luan Prabang workshop, 26 current ABS-related activities or joint projects that have already started or in process of starting in Section B also brings more cooperation activities and opportunities.

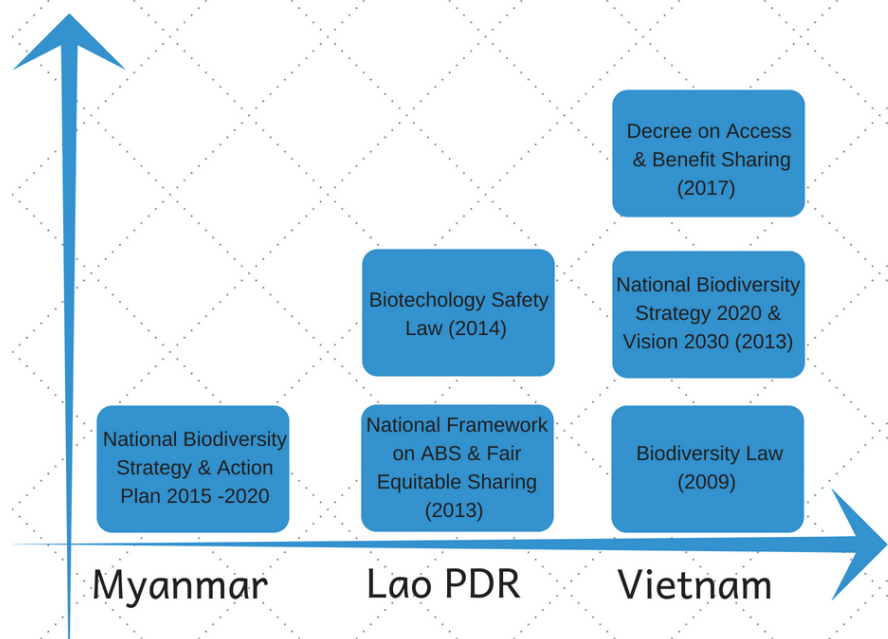
- Developing benefit sharing guidelines, finalizing the national ABS frameworks and working at grassroot level on ABS issues are being carried out by FLEDGE.
- ABS implementation in practices in Vietnam has been done by BioTrade Implementation Group (BIG Vietnam) as local sciences and technology organization to support the ABS compliances of foreign companies in Vietnam as sourcing country.
- Research pieces on Key BioTrade and ABS regulatory framework issues in Myanmar, Viet Nam and Laos PDR will be implemented by UNCTAD (potentially Helvetas and ABS focal points in Myanmar, Viet Nam and Laos PDR).
- Scaling Up BioTrade activities in pharmaceutical Sector has been implemented by Helvetas and CRED.
- Second coordination workshop on BioTrade and ABS technical assistance will be carried out by UNCTAD and BCA (potentially Helvetas and BIG).
- Capacity Building for the Ratification and Implementation of the Nagoya Protocol on Access and Benefit Sharing in Viet Nam will be implemented by Biodiversity Conservation Agency (BCA), GEF/ UNDP.
- Regional BioTrade Project in South East Asia will develop BioTrade activities in the Mekong countries (Laos, Myanmar and Vietnam). HELVETAS will facilitate the ABS take up and implementation of selected BioTrade partners; while UNCTAD will facilitate the ABS knowledge and experiences sharing among BioTrade network.
- ABS implementation piloting to test the practical application of the ABS system, with lessons for future implementation in Vietnam has been done by CRED, BCA, Helvetas.
- Piloting an ABS scheme for thanaka in Myanmar and for an additional product in Laos has been implemented by HELVETAS.
- ABS Decree Development has been promoted in Lao PDR Nagoya Protocol Implementation Development has been promoted in Myanmar.
- Dialogue on Access and Benefit sharing for mutual understandings among policy makers, academia, and business sector will be implemented by UNDP, GEF, CBD, International Development Law Organization (IDLO).
- Training series on ABS for managerial sectors, academia, GR holders, enterprises will be carried out by UNDP, GEF.
- Gene conservation in Herbal/traditional medicinal material exploitation will be implemented by Department of Traditional Medicines, Viet Nam Ministry of Health.

- Medicinal materials plantation (Processing medicinal materials to supply to public medical units and Sales of pharmaceutical products at the pharmacies of hospitals) will be done by Viet Nam Medicinal Materials Joint Stock Company and UNDP Viet Nam
- Developing benefit sharing guidelines, training series on ABS for managerial sectors, academia, GR holders, enterprises, developing CIRAD cooperation actions in Laos, especially on *Aquilaria sp* will be implemented by CIRAD (France) and Agricultural Research for Development (Lao PDR)
- SAPA Napro has been selected as pilot ABS model in GEF ABS project as a typical model of a community-based company in Viet Nam owned by local collectors.
- DK Pharma (Viet Nam) has been chosen as a leading company in One Commune One Product (OCOP) Program which works with communities and business sector to promote native products from biodiversity.
- An assessment has been carried out on BioTrade companies under the scope of Decree 59. It will help to choose one or two companies to support ABS implementation as pilot models in BioTrade. These models will be built by CRED, BCA and Ministry of Finance (Viet Nam).
- Enforcement of the Decree 59 implementation will be implemented by BCA and CRED, in which it is necessary to communicate to the companies to get their complete understanding on ABS.

Section C describes the current situation of ABS implementation in three beneficiary countries. In general, the implementation of ABS regulations has been done at different levels among 3 countries. (*See the details in Annex 2*)

The governments in the Mekong region have been spent efforts on implementing the Nagoya Protocol. All of 3 beneficiary countries in the Mekong have been promoting the implementation at all levels. The protocol is also relevant to their national development strategies as well as biodiversity conservation strategies.

Overview of current ABS legal framework



However, this is a broad concept which relates to various areas and needs the involvement of many agencies, organizations, communities and even individuals. The effects of the protocol implementation are still limited.

Viet Nam is considered as a frontrunner with the issue of Decree 59 in 2017. Although there are lots of challenges in implementing, Viet Nam can provide lessons for two others. They also issued a Decree on The Management of Access To Genetic Resources And The Sharing of Benefits Arising From Their Utilization (59/2017/NĐ-CP) and went into enforcement from 1st July 2017. After nearly one year, the degree has been communicated to all governmental organizations. However, the awareness of all ABS stakeholders (from private to public) and capacity of national competent agencies are limited.

The implementation of this degree is challenging at both local and national levels. At the national level, there's an overlap and unclear scope of application/ management between technical cooperation agencies. The coordination between ABS authorities (national competent agencies, technical cooperation agencies, local authorities...) is still weak. The ABS data system has not been harmonized yet.

In the consequence of the inconsistency of national agencies and even laws, it takes a long time to approve an ABS document of a value chain. This is a barrier against companies to comply the regulations and reduces their interest in developing sustainable value chains. Up to now, there's a lack of experiences and assistance from practical ABS cases.

At the local level, communes are unaware of their responsibility on managing genetic resources. In some piloted communes, it is difficult to draw interests from farmers and companies to invest in developing biodiversity-based products because their rights of land use in protected areas are legal within one-year contract. The time is not enough for their withdrawal of investment to ensure the effectiveness of production and trading.

Despite of many challenges, there are indications that more foreign companies show interest in developing ABS value chains in the Mekong region because they see the efforts of the government towards taking up its international commitment, especially in achieving SDG 15 on biodiversity conservation. When the demand of ABS value chains increases, governments sees its incentives in mainstreaming sustainable development priorities.

In Lao PDR and Myanmar, the ABS implementation will come later, but all the lessons from Vietnam can be learnt. These two countries need to take careful steps to focus on 1 or 2 most potential value chains. The governments have been making efforts to develop ABS value chains models under the support of international organizations.

In Section D, 92 value chains (67 more than the list before the workshop) have been selected to potentially to undertake research and development (R&D). However, only 9 are chosen by participants as priority. (See the details in Annex 2)

Helvetas Viet Nam proposed their 5 criteria for selecting value chains as follows:

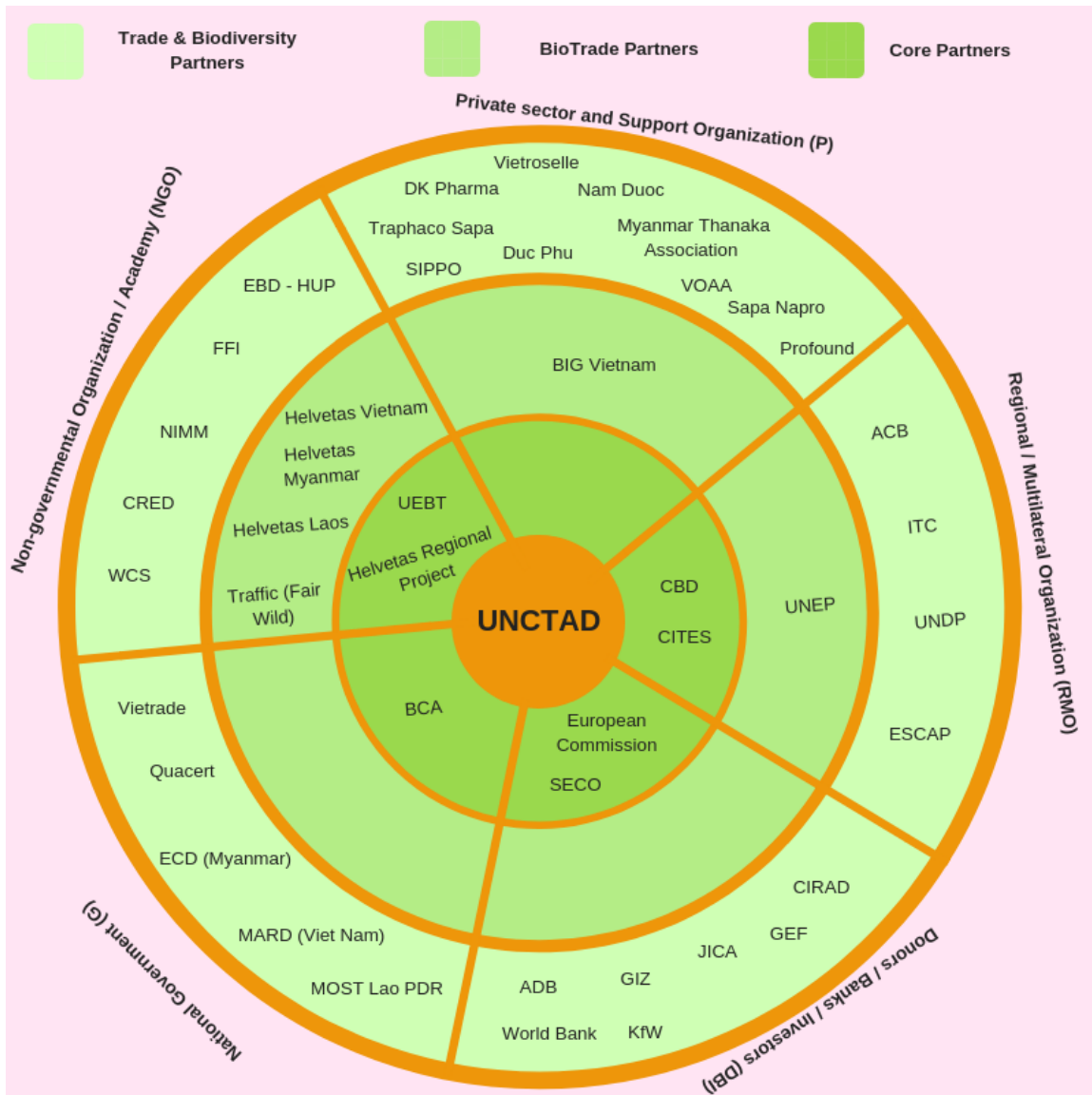
- Existing/ Potential demand
- Presence of private sector
- Formulation of value chain
- Compatibility to local government policies
- Technical/ Financial feasibility

Basing on these criteria, Helvetas Viet Nam chose 6 value chains: *Innamomum cassia* (Que, Cinnamon), *Curcuma longa* (Nghe, Curcuma), *Illicium verum* (Hoi, Star Anise), *Mormodica cochinchinensis* (Gac), *Panax vietnamensis* (Sam Ngoc linh), *Styrax tonkinensis* (Canh kien trang, Styrax).

Helvetas Myanmar chose Thakana as its unique value chain for modeling ABS implementation. Helvetas Laos chose *Anoectochilus setaceu* and *Codonopsis* (poor man ginseng) for the ABS models.

6. Findings & Recommendations

The mapping provides detailed information on activities, organizations and status of the implementation of BioTrade Initiatives and ABS regulations in the Mekong region, focusing on Lao PDR, Myanmar and Viet Nam. These findings and recommendations aim at realizing technical gaps/ duplication among BioTrade partners, so as to increase the coordination between technical assistance providers and beneficiary countries in the region.



6.1. Appreciation for the development of BioTrade Initiatives in Viet Nam and in the Mekong region

First, UNCTAD has been playing the leading role on the implementation of BioTrade Initiatives in Viet Nam and in the Mekong region. This intervention is highly appreciated as it contributes to fighting against the loss of biodiversity in Viet Nam and other Mekong countries.

The first phase of BioTrade project in Viet Nam drew much attention from private companies, authorities and organizations. The success of this phase increased the number of private companies joining in the second phase from 4 to 30. The interest of companies and organizations, especially governmental agencies are the evidence for the right way of trading.

Differing from “do-business-as-usual”, the BioTrade concept brings international trade, environment and development together. It requires more responsibility, so it is not easy

for value chain actors that produce, trade, commercialize or consume biodiversity-based products to take it up. The interest of national and international organizations/ agencies is vitally important for the further application of BioTrade in practices because this way of trading needs broader policy concepts.

Luckily, the success of the piloted project continued to the current regional BioTrade project which is expected to gain some achievements at regional level. The project has also attracted more donors. The presence of the European Commission (EU) support is a clear example.

6.2. Efforts of focal points on the development of ABS legislation and regulatory framework

We cannot deny that the governments, of which their representatives are the focal points, have been spending lots of efforts on the development of ABS legislation and regulatory framework.

In Viet Nam, a decree on ABS was issued in 2017, just at the same year of founding its focal points and only 3 years after the issue of National Biodiversity Master Plan and National Biodiversity Strategy to 2020. The decree was immediately communicated to related agencies and organizations. This effort in Viet Nam ensures both the progress and quality of the work. UNCTAD, BIG Vietnam and Helvetas supported the legal drafting of this Decree, especially with regard to making procedures as simple as possible and ensuring the new regulations would be supportive of BioTrade.

Although there is less progress in Lao PDR and Myanmar on issuing ABS regulations, the two countries have spent efforts on identifying their best native species and developing associations on producing and consuming their products like Thanaka Association in Myanmar and Tea Association in Lao PDR. These efforts can be a good basis for the fast promotion in the future when regulations are completed and taken into effects. UNCTAD can easily get trust from government in channeling this type of support as it is an intergovernmental organization with a focus on trade and development.

6.3. Recommendations on considering for more “balance” intervention

From the mapping, the biggest finding is the imbalance of intervention among BioTrade activities. It can be seen that all BioTrade projects have been focusing on developing value chains. There’s a lack of activities on intervening the policies for the easier development of these value chains.

As mentioned above, BioTrade is an integrated concept of international trade, environment and development, which requires broad policy concepts for the development of BioTrade value chains.

For example, in Viet Nam if there’s a national BioTrade program, more resources from other national programs such as New Countryside, Poverty Reduction...could be mobilized. The BioTrade value chain actors could gain more incentives at the beginning, therefore they become more interested.

There is another imbalance in selecting value chains/ species, actors for supporting. It seems that pharmaceutical and traditional medicine sector is prioritized. Because the

mission of any project is to develop models and brings chances for the best development approach, this imbalance leads to the missing of development chances for other sectors like cosmetics, food, community-based tourism, etc.

6.4. Recommendations on the coordination for the effective regional and national impact

It is obvious that good coordination is the of any successful projects. For both BioTrade & ABS, Viet Nam is the frontrunner which has many experiences and lessons. Lao PDR and Myanmar could avoid Viet Nam's issues through a well-designed learning and sharing mechanism.

The progress and quality of BioTrade and ABS activities would be more improved with the exchange and networking from other BioTrade partners like those from LAC and UEBT members.

The coordination should ensure specific collaborations among mapped BioTrade partners as follows:

At regional level:

- **HELVETAS Regional BioTrade Project** plays its extremely important role on facilitating and coordinating the BioTrade implementation and mandate in 3 countries (Laos, Myanmar and Viet Nam). It also pilots ABS implementation, compile and disseminate the BioTrade best practices from Mekong region for the knowledge sharing mechanism. To do so, there should have tight relationships between and among HELVETAS, UNCTAD, UEBT and ACB.
- The ASEAN Centre of Biodiversity (ACB) has been implementing "**Biodiversity-Based Products**" project to improve livelihood of local communities within ASEAN countries for sustainable development. The collaboration with ACB could bring more dissemination of BioTrade and ABS to other ASEAN countries.
- **SECO** has been funding for many BioTrade projects in Viet Nam and in the region. Working closely with SECO would lead to the linkage and synergies of SECO-supported projects within each country and throughout the region.
- **New donors** and technical cooperation agencies such as UNDP, UNEP, GIZ, World Bank...could bring more opportunities for spreading BioTrade P&C. However, it is important to highlight what contributions BioTrade can make to the implementation and impact of their programs/ projects such as the creating buyers-sellers' linkages.
- **UEBT as a non-profit business association** could play a role in the outreaching of BioTrade products and linking with potential buyers. The collaboration with UEBT could bring a clearer picture of the market for BioTrade products and a good place for buyers and sellers who share common points of view to meet. At national level:
- **Helvetas Vietnam, Helvetas Laos and Helvetas Myanmar** have been implementing mandates for BioTrade activities and play the role on identifying, compiling and disseminating BioTrade best practices in each country. The good collaboration of Helvetas with governmental agencies and private companies

could increase the dissemination of BioTrade P&C and ABS implementation to policy makers.

- **The focal points** (BCA – Viet Nam; MOST – Lao PDR; ECD – Myanmar) plays the central role on promoting and implementing ABS in each country. The collaboration between BioTrade partners and these ABS focal points could lead to the consistency between policies and initiatives towards to the sustainable development.
- **Private companies** have a vital role on sustaining the results of projects. When the companies realize their benefits and responsibilities on conserving biodiversity and protecting the environment, they could find the best way to produce the products and bring them to the market. The close collaboration and support with private companies could encourage them to work with their full capacity and responsibility.
- **Donors (SECO, European Commission, GEF)** have been supporting many projects on sustainable development. The tight collaboration with them could take all opportunities for the dissemination of BioTrade & ABS implementation. This could also bring chances to develop national BioTrade & ABS programs in the future.
- **VIETRADE and other governmental agencies** plays the role in supporting long-term trading projects. The collaboration with these agencies could bring more chances to the exporting market, which can be good incentives for private companies.
- **Other international and local non-governmental organizations** which work in BioTrade relating fields could bring more opportunities on sharing knowledge and may open other collaborating chances.

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Annexes

Annex 1: BioTrade & ABS mapping presentation in Luang Prabang (Lao PDR)

Annex 2: ABS and BioTrade Mekong Action Plan (6 June 2018 and peer reviewed on September 2018).

Annex 3: List of the interviewees

