Project Focus

Existing Biodiversity Resources

- Non-timber forest products, including
  - Medicinal plants
  - Essential oils
  - Natural dyes
  - Fibers
  - Resins
  - Gums
  - Fruits
  - Spices
  - Etc.

Types of Natural Products with domestic trade and export potential

- Traditional herbal medicine products (Chinese and Vietnamese)
- Vitamins
- Herbal dietary supplements
- Food and food additives (nuts, spices, fruits, mushrooms..)
- Natural cosmetic products
- Over the counter (OTC) drug products (botanical drugs)
Sources of Natural Ingredients

Among 12,000 forest tree and plant species inventoried in Vietnam:

- 113 species of aromatic resins
- 800 species of tannin
- 200 species for dyes
- 93 species of fibe (including bamboo and rattan)
- 473 species of fatty oils
- 485 species of essential oils
- 4,000 species with pharmaceutical properties
Vietnam Biotrade project
Four Objectives

1. Providing support to the establishment of an enabling policy and regulatory framework that would facilitate the development of BioTrade-compliant initiatives;

2. Extending sustainable natural ingredients collection and production systems that would improve benefits to communities, thereby providing incentives to actively preserve the existing genetic base sourced from biodiversity;

3. Improving the efficiency of production processes and international competitiveness of industries involved in natural ingredients value-chains meeting BioTrade principles and international standards (GACP, GMP, HACCP, etc.);

4. Assisting industries to facilitate the trade and market access of selected BioTrade-compliant natural ingredients products sourced from biodiversity;
From experience in other countries, BioTrade has learned the importance of:

- Adopting integrated sector approaches
- Involving value-chain stakeholders through partnerships
- Feeding practical experiences in policy development
National Partners

MARD (NTFP-C)

MONRE (BCA)

Legislation/regulations consistent to CBD decisions

Supply

Pharmaceutical Botany

Ethno-botanical inventories and species identification

Implementing Partner (NIMM - MOH)

VIMAMES

BioTrade, GACP, GMP Certification standards

Processing

Trade

VIETRADE

Market Information Services

VNPCA

WHO standards

Coordinating value-chain activities

VAE
Proposed International Partners

• The UNCTAD BioTrade Facilitation Program
  • UNCTAD
  • International Trade Center (ITC)
  • SIPPO
  • CBI

• The Union for Ethical BioTrade (UEBT)

• TRAFFIC International
  • FairWild Foundation

• World Health Organization (WHO)
**Panax vietnamensis** Ha et Grushv, - Araliaceae

Altitude: 1,800m

Geographical index: QuangNam and Kontum

Reservation: 300 tonnes of fresh roots.

Products: Tonic, Tea, food supplement, cosmetics…
Cinnamomum cassia, - Lauraceae

Geographical index: Van Yen, YenBai
Reservation: 39,000ha, 2,000-3,000 tonnes/year
High quality of essential oils
Food, fashion, incense sticks, health care…
Illicium verum Hook.,- Lauraceae

Geographical index: Langson, Kaobang, Backan
Reservation: 45,000ha, 7,000 tonnes/year
High quality (Standard I), high value
2,000USD/ton
Food, fashion, cosmetics, health care…
Melaleuca leucadendron- Myrtaceae

Geographical index: Dong Thap Muoi
Reservation: 1,041ha, 7,000 tonnes/year
High quality of essential oils 0.3-0.6% (cineol, terpineon…)
Environment for biodiversity, fashion, cosmetics, health care…
VIETNAM Biotrade Project Outcomes

An enabling policy and regulatory framework for the development of BioTrade compliant activities in place

Selected herbal materials are sourced through supply-chains that operate on principles and criteria of BioTrade

An internationally competitive BioTrade sector that trade natural ingredients products in local, national and international markets in accordance to BioTrade principles and criteria
An integrated chain of activities