



Fifth BioTrade Congress: Linking trade and biodiversity

12-13 September 2019
Palais des Nations, Geneva





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**Session 3 - Are trade and biodiversity
policy frameworks contributing to
biodiversity conservation?**

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Session 3 - Are trade and biodiversity policy frameworks contributing to biodiversity conservation

Chair: **Mr. David Vivas**, Legal Officer, DITC, UNCTAD

Speakers:

- **Mr. Santiago Carrizosa**, Global ABS Advisor, UNDP
- **Ms. María del Pilar Alarcón**, Coordinator, Sustainable Trade Department, PromPerú
- **Mr. K. J. Venugopal**, Technical Expert, World Spice Organisation, India
- **Mr. Michel Mallet**, Executive Director, CRIAA SA-DC and member of Namibian Network of the Cosmetic Industry (NANCi)

Reflections from:

- **Ms. Hoang Thi Thanh Nhan**,
Deputy Director, Nature and Biodiversity Conservation Agency, Environment Administration
Ministry of Natural Resources and Environment, Viet Nam



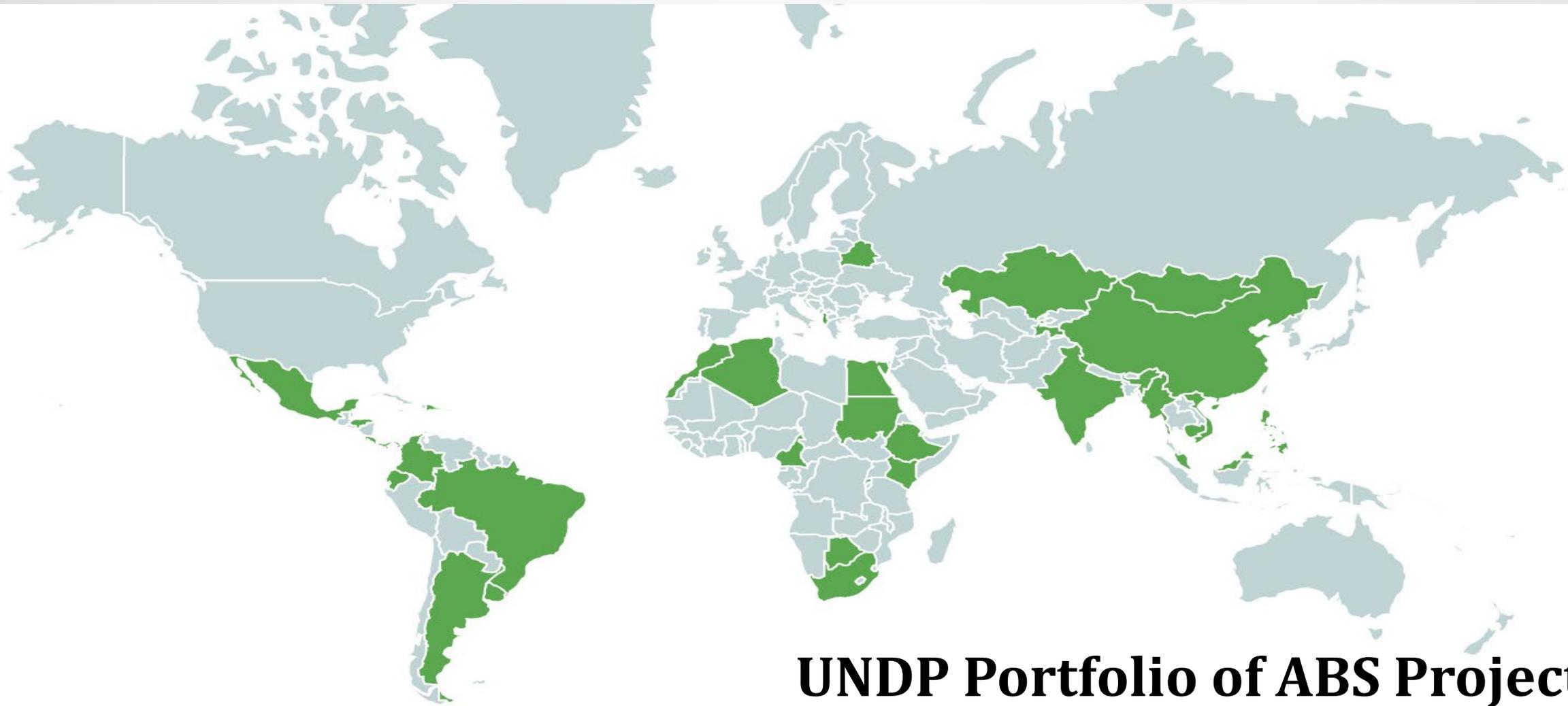
What does Access and Benefit-Sharing under the Nagoya Protocol mean for developing countries and how does it contribute to the Sustainable Use and Conservation of Biodiversity?

Santiago Carrizosa
Global Advisor on ABS – UNDP
santiago.carrizosa@undp.org



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UNDP Portfolio of ABS Projects: 50 Countries

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*ABS is Genetic
Resources for
Sustainable
Development*



ABS is Genetic Resources for Sustainable Development

*ABS is Genetic
Resources
for Sustainable
Development*



Empowered Lives.
Resilient Nations.

UNITED NATIONS DEVELOPMENT PROGRAMME

304 East 45th Street, 9th Floor
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For more information contact
<http://www.undp.org>

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Ministry of
Environment



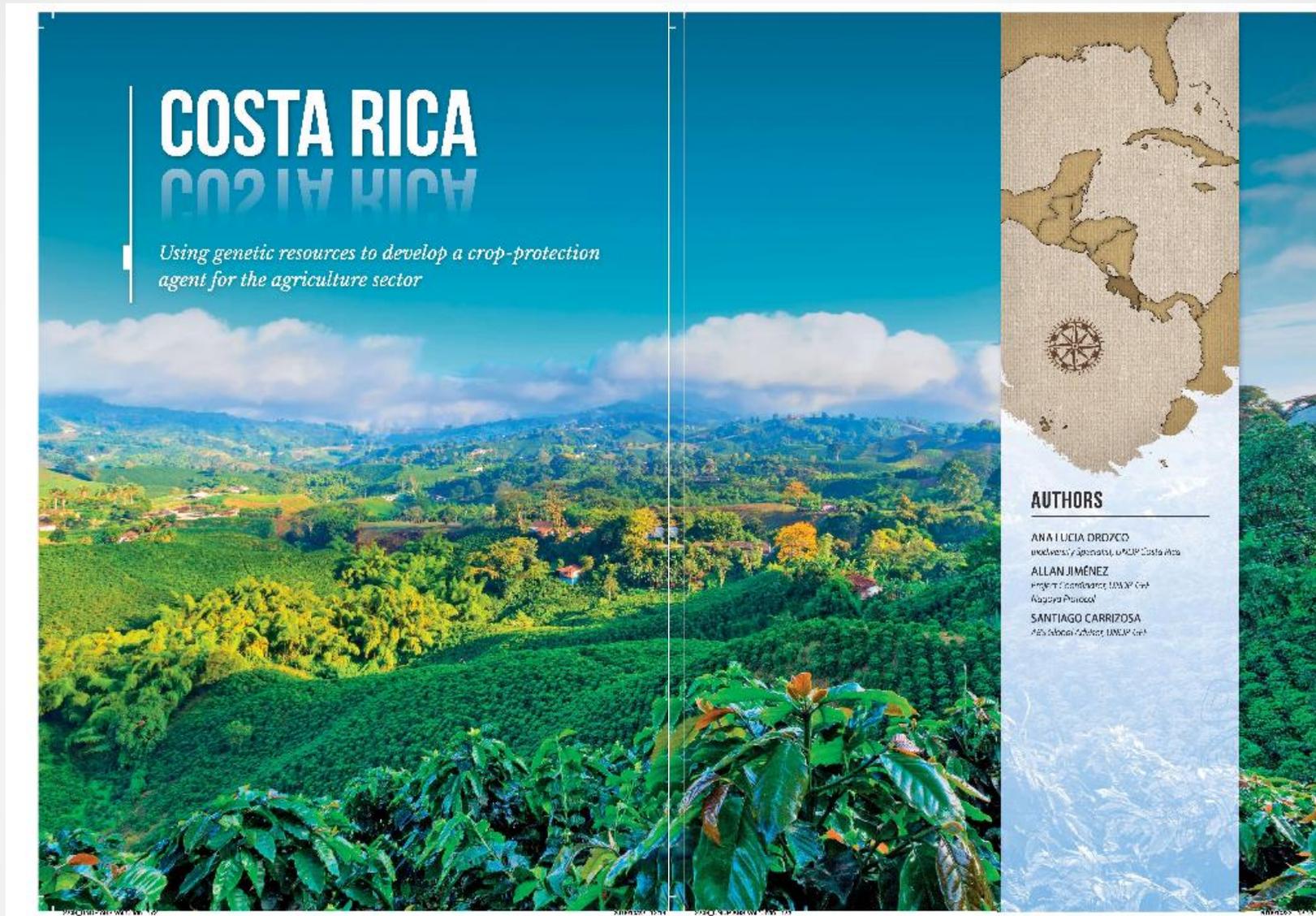
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COSTA RICA

CO2 IN RICH

Using genetic resources to develop a crop-protection agent for the agriculture sector

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Recommendations

- 1. Continue the development process of national ABS laws and policies that reflect the Nagoya Protocol provisions**
- 2. Develop national bioeconomy strategies or policies that acknowledge the potential of genetic resources for sustainable development**
- 3. Develop ABS business centers that bring together government regulators and private companies for the development of products from genetic resources that contribute to sustainable development, including the conservation and sustainable use of biodiversity**



Thank you!

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Global Advisor on ABS- UNDP
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- Agency attached to the Ministry of Foreign Trade and Tourism
- Main objective is to promote exports and tourism in the world
- Promperu seeks to promote the adoption of sustainable criteria in productive processes and corporate management
- Intent is to increase competitiveness of the companies



Foreign Trade Policy Framework: National Export Strategic Plan 2025



SUSTAINABLE TRADE PROGRAMS

Organic Certification



Peru Fairtrade



Carbon Footprint



Ecoefficiency



Traceability in Agribusiness



Hydric Footprint



CSR



BioTrade



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BioTrade P&C
75%



Strengthen capacities in:

- Value Chain mapping
- Strategic plans
- Conservation
- Market Access
- Trends & Opportunities



Discount in Commercial Platforms

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Thank you



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What are the lessons learned and best practices in integrating biodiversity and BAP into policy frameworks in the spice industry in India?

Dr. K.J. Venugopal

Consultant, World Spice Organization, INDIA

12 September 2019



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Biodiversity Action Plan for Spices in India

- GIZ-WSO-GNF – Develop & Implement BAP in spices
 - Work with government to integrate biodiversity in policies
 - Spices board, Ministry of Agriculture, Council for Agriculture Research
 - Develop & implement action plan for sustainable use of biodiversity
 - 5 spices - black pepper, chilli, cinnamon, cardamom, nutmeg
 - Training and baseline assessment of spice value chain
 - BAP for management and monitoring of B & ES



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Challenges

- Economic concerns
 - Low income group, declining productivity, volatile markets
- Knowledge on sustainability and biodiversity concepts
 - Amongst farmers, society, policy makers, regulatory environment
 - <http://www.indo-germanbiodiversity.com/publications.html>
- Policy environment
 - Standards need to mature to address biodiversity concerns



Opportunities

- To preserve biodiversity of “Western Ghats” ranges of southern India
 - High biodiversity impact due to human settlement, agriculture, especially spices
- Focus on sustainable biodiversity management practices
 - Improve soil health, water management, species biodiversity
 - Reduce environmental impact of agrochemicals, improve regulatory compliance
- Make sustainable biodiversity conservation financially viable



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BAP targets for Indian spice sector

- Fine tune tools to implement BAP to more areas and crops
 - More spice crops – cumin, coriander, turmeric
 - North-east region – another biological hotspot in India
- Mainstream bio trade and biodiversity into policies
 - Work with government to adopt biodiversity friendly policies
 - PPP model: WSO-Spices board & Spice research inst.-GIZ PBAB-IDH

BAP targets for policy frame works

- Address biodiversity loss in spice cultivation
 - Reduce direct pressures on biodiversity, promote sustainable production & improve biodiversity by safeguarding ecosystems, species and genetic diversity
- Awareness on values of biodiversity in society and policy environment
- Integrate biodiversity in development and poverty reduction plan
- Highlight subsidies which are harmful to biodiversity
- Enhance benefits from biodiversity and ES



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Thank you

Dr. K.J. Venugopal

World Spice Organization, INDIA

www.wso.org



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Session 4 – From cradle to sustainable markets

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Chair:

Mr. Rik Kutsch Lojenga, Executive Director, UEBT

Speakers:

- **Ms. Geertje Otten**, Chief Operating Officer, ProFound
- **Ms. Naomi Scott-Mearns**, Sustainable Consumption Manager, Consumers International
- **Mr. Hamish Taylor**, Advisor on Sustainability, Symrise
- **Ms. Ana Lyman**, Founder and partner, Grupo Trichilia Mozambique, Mozambique



What are the Market Trends in Key Biodiversity Sectors?

Ms. Geertje Otten, Chief Operating Officer
ProFound - Advisers in Development



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Market shapers

Social	Technological	Economic	Environment	Political
Healthy, natural	Innovation	Supply chain integration	Care for the environment	Product safety
Ethical	Connectivity	Resource access	Resilience in productive landscapes	Substantiation of claims
Provenance		USP definitions	Beyond certification	ABS
(mis) Informed consumers				

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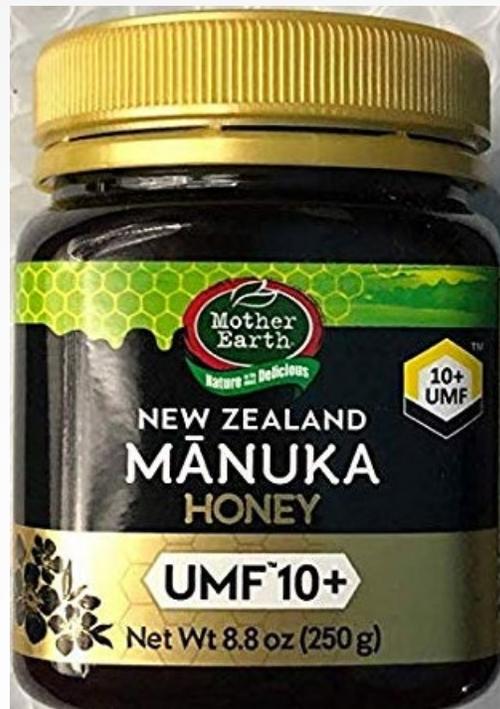
Social

Healthy, natural

Ethical

Provenance

(mis) Informed
consumers



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Technological

Innovation

Connectivity



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Economic

Supply chain
integration

Resource access

USP definitions



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Environment

Care for the environment

Resilience in productive landscapes

Beyond certification



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Political

Product safety

Substantiation of claims

ABS

Bria Badu
@MissBriaJanay

Girls! Here a some natural birth control options. 🙋

 <p>PAPAYA Papaya is an effective birth control remedy. You can eat papaya twice a day for 5-6 days after having an unsafe intercourse. It will help prevent pregnancy. Also, the seeds of papaya reduce the sperm count in males.</p>	 <p>SMARTWEED Smartweed contains rutin, quercetin, and gallic acid which interfere with early pregnancy. It also promotes menstrual bleeding.</p>
 <p>NEEM Injection of Indian Licor in uterine horns can prevent pregnancy for a year in women. The plus point is that it doesn't cause any change in menstrual cycle or ovarian function.</p>	 <p>WILD YAM Wild yam should be taken when no other alternative remedy is available to prevent pregnancy. It takes one to two months for birth control. It should be taken two times a day regularly to start functioning as a birth prevention remedy.</p>
 <p>ASAFOETIDA Asafoetida is a herb native to Iran which can be purchased as a supplement. There are several studies that confirm that chemicals in asafoetida called coumarins induce abortion and prevent conception.</p>	 <p>PENNYROYAL Pennyroyal promotes menstrual flow and helps initiate self-abortion. Often, it is prescribed with other herbs to prevent pregnancy. Do 8 sours of distilled or spring water.</p>
 <p>FIGS It is one of the best conception control methods. Eat 2-3 dried pieces of figs after having unsafe intercourse. It prevents pregnancy and treats many other irregularities in the body.</p>	 <p>BLACK COHOSH It stimulates the release of oxytocin contractions and therefore, greater coital has maximum effect when with other herbs such as pennyroyal.</p>

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The relevance of biodiversity in target markets and implications for supply chains

Hamish Taylor
Symrise AG



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Hamish Taylor

Symrise Advisor on
Sustainability

Symrise AG
At a glance



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Biodiversity – Personal & Corporate Perspectives

Challenges AND Opportunities, Tensions AND Trade-Offs



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Biodiversity & BioTrade

Challenges & Opportunities, Tensions & Trade-Offs

- Respecting Mother Nature = *“License to Operate”* ...
- Securing access to high quality naturals at an *affordable* price is a generator of value... but often at *significant* cost...
- Preserving and Protecting Biodiversity is fundamental to today and tomorrow’s *“business as usual”* ...
- The “concept to reality” pathway is long and requires significant investment... with no guarantee of returns...
- Challenges & solutions are often beyond our *scope of control*, though rarely beyond our *scope of influence*, **and never beyond our scope of blame...**
- “Waste by-products” become “gold dust” when business shows an interest...



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Accessing international markets: the long road for a new NTFP value chain

Ana Alecia Lyman
Grupo Trichilia - Mozambique

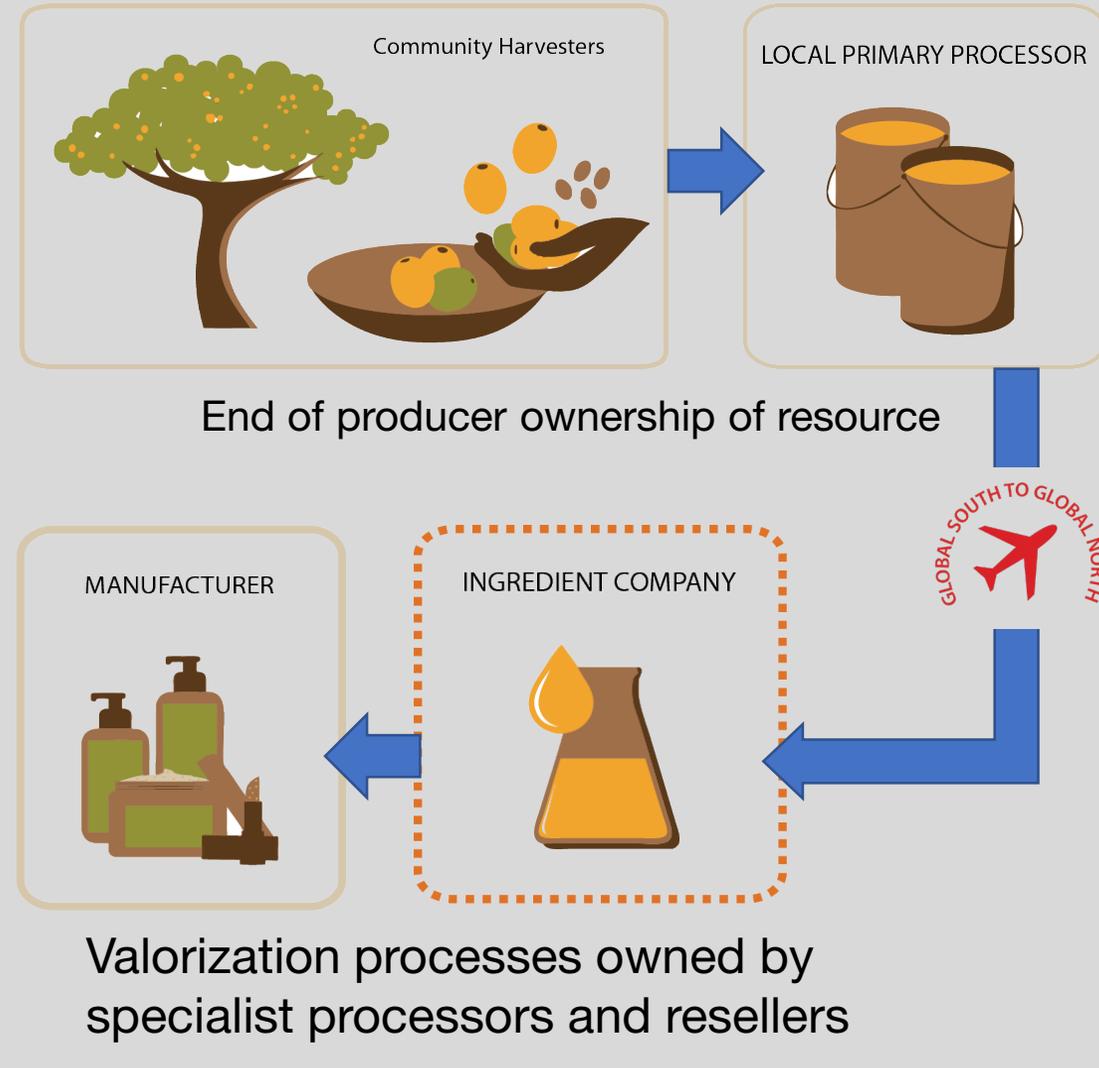


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TRADITIONAL MODEL

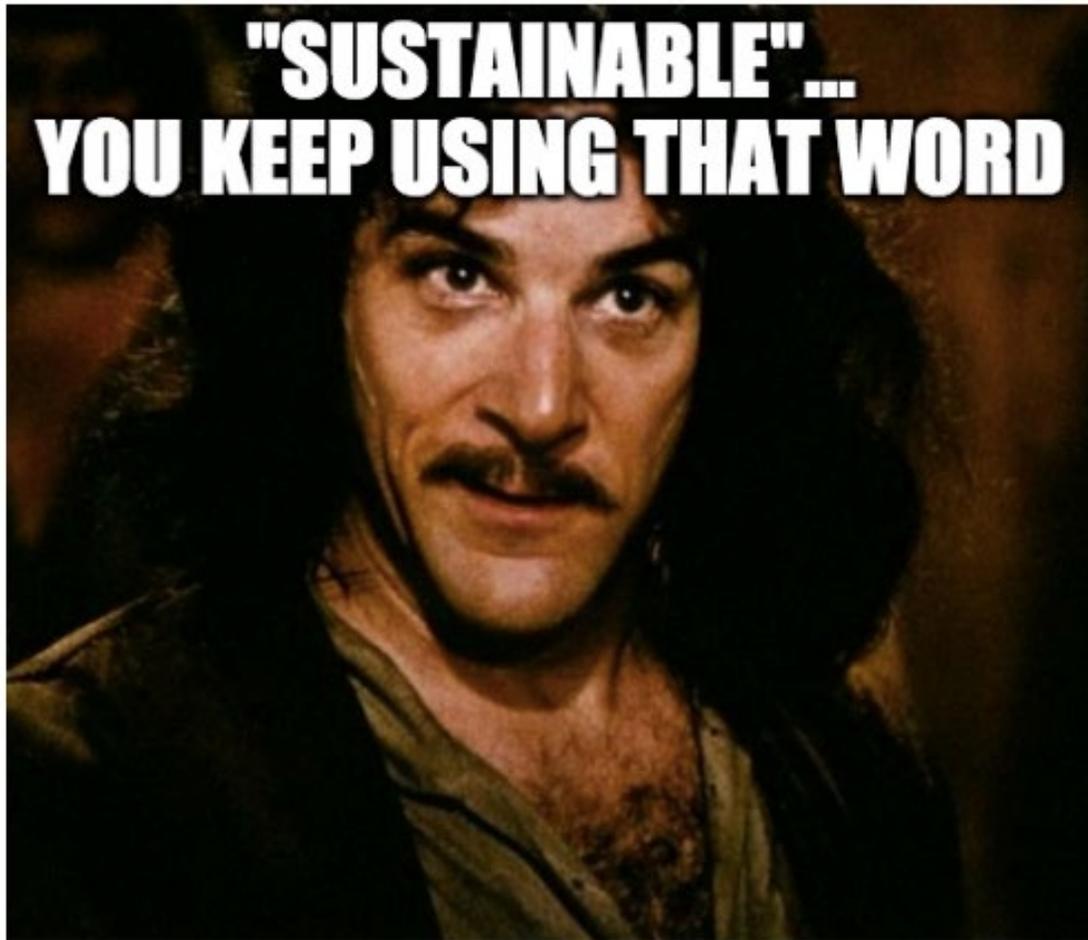


A NEW, SUSTAINABLE VALUE CHAIN



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PARAMETERS / INVESTMENTS



COMMUNITY SUPPLIERS



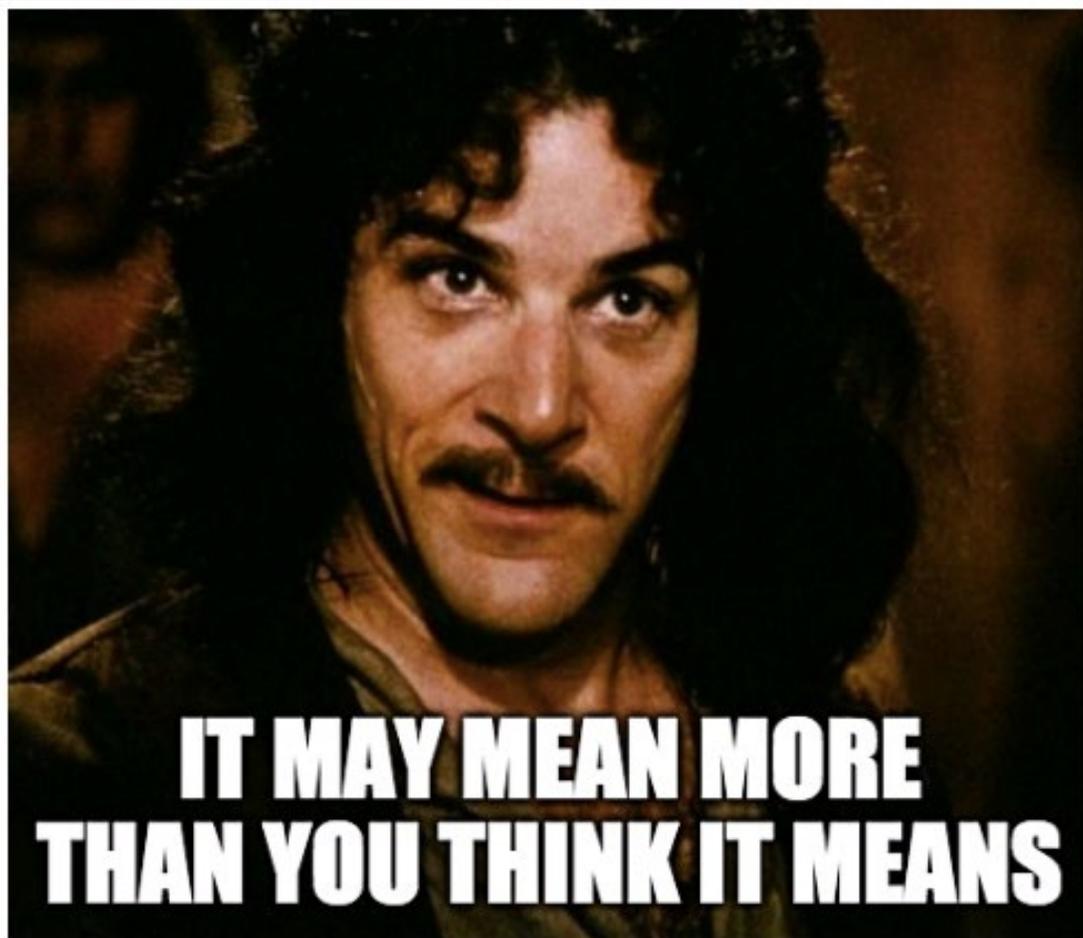
CONSERVATION ACTIVITIES



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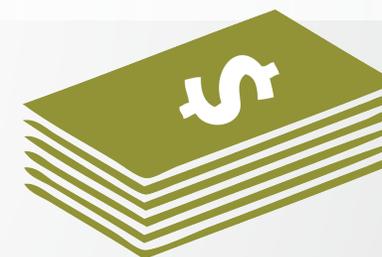
PARAMETERS / INVESTMENTS



R&D + OWNERSHIP OF RESULTS

DOSSIER, REGULATORY REQUIREMENTS

DIVERSIFICATION OF MARKETS /
CUSTOMERS



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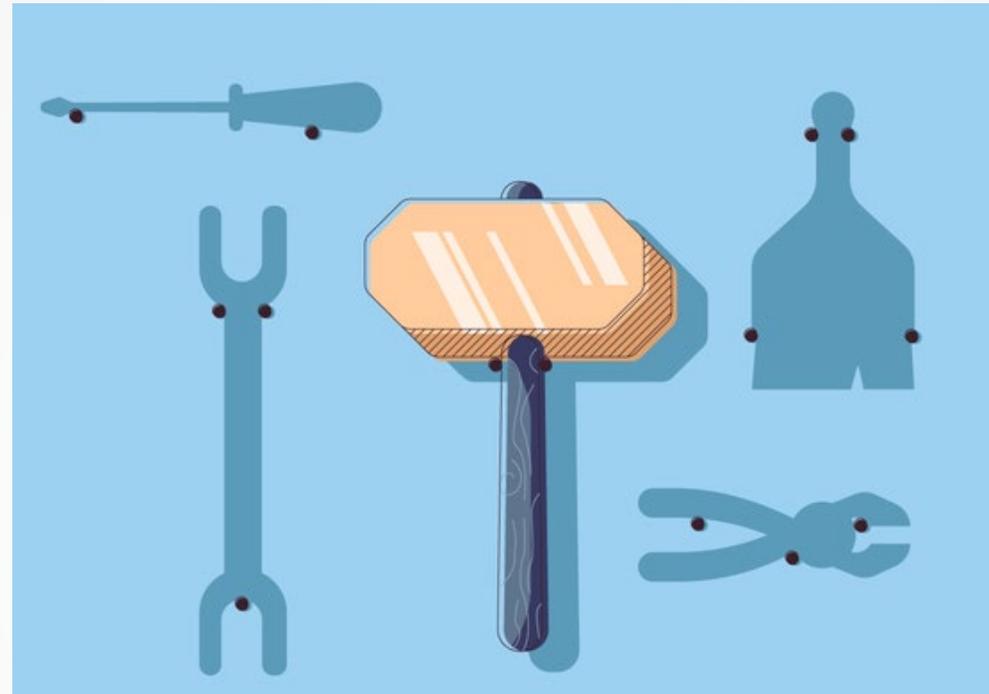
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EVERYTHING IS NOT A NAIL.

FINANCIAL
RESOURCES

TECHNICAL
EXPERTISE

TIMEFRAME



INVESTMENT
CLIMATE

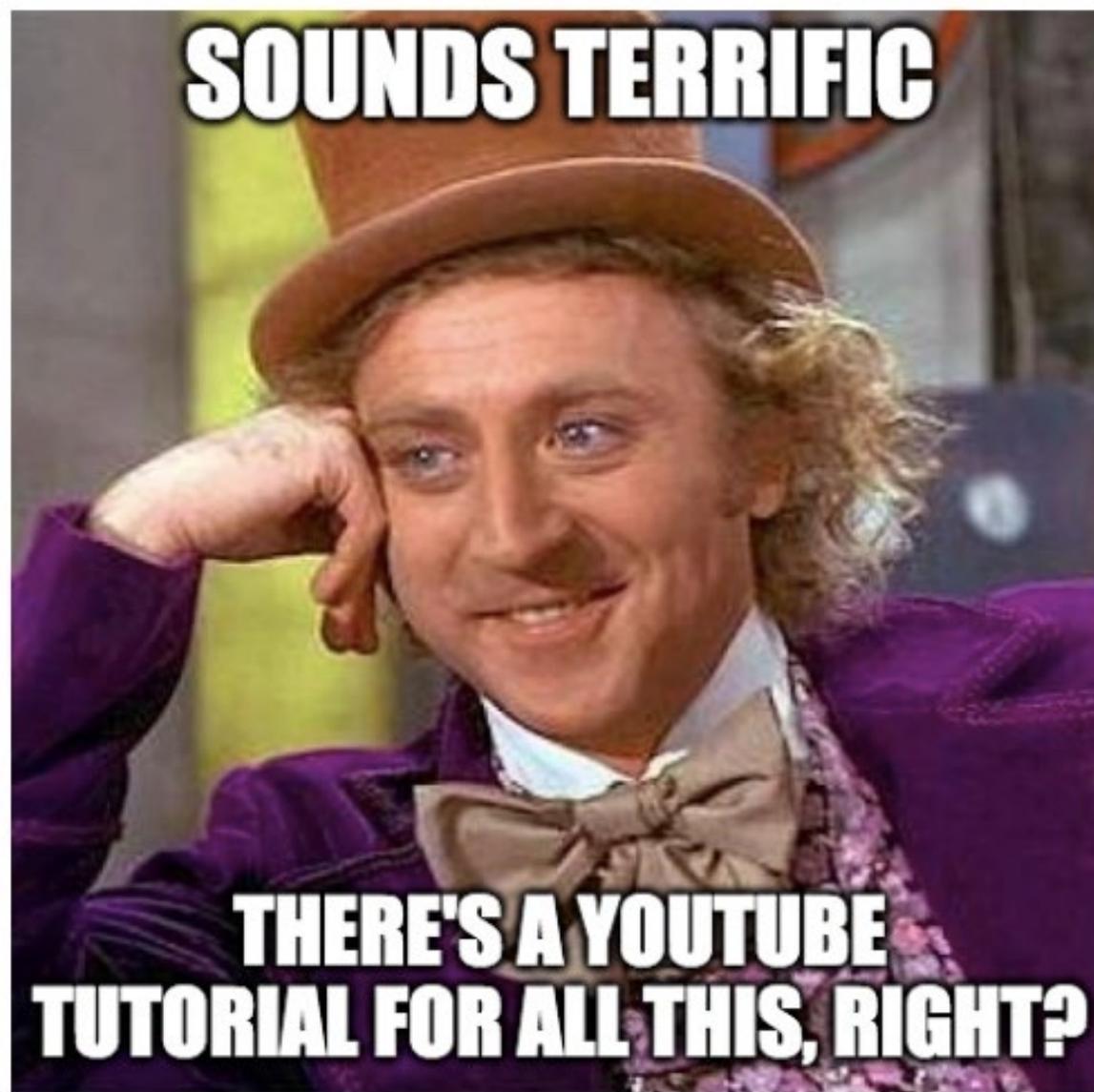
APPROPRIATE
PARTNERS

APPROPRIATE
CLIENTS

SUPPLIER RELATIONSHIPS

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