



Empowered lives.  
Resilient nations.

## ***UNDP-GEF Global ABS Project***

*Strengthening human resources, legal frameworks and institutional capacities to implement the Nagoya Protocol*

# **“Genetic Resources and Associated Traditional Knowledge – Tangible and Intangible Heritage of Belarus”**

**Minsk, 11th October 2019**

**Claudio Chiarolla**

Regional Project Specialist  
UNDP-GEF Global ABS Project

*ABS is genetic resources for sustainable development*

# Global Scope

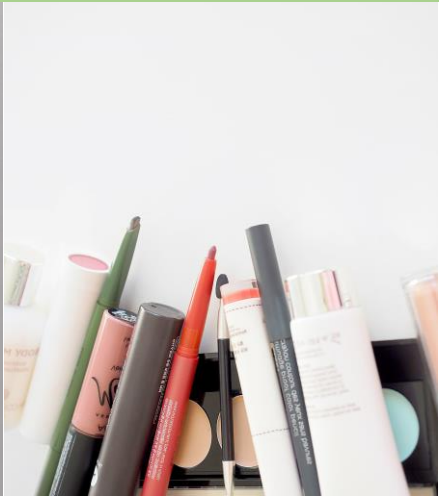


**OBJECTIVE:** Strengthening human resources, legal frameworks and institutional capacities to implement the Nagoya Protocol

**23** countries

**5** continents

# ABS and Sustainable Development Goals



*ABS is genetic for sustainable development*

# 4 PROJECT COMPONENTS



Access and Benefit-Sharing (ABS) is



# 4 PROJECT COMPONENTS



1. Strengthening the legal, policy, and institutional capacity to develop **national ABS frameworks**

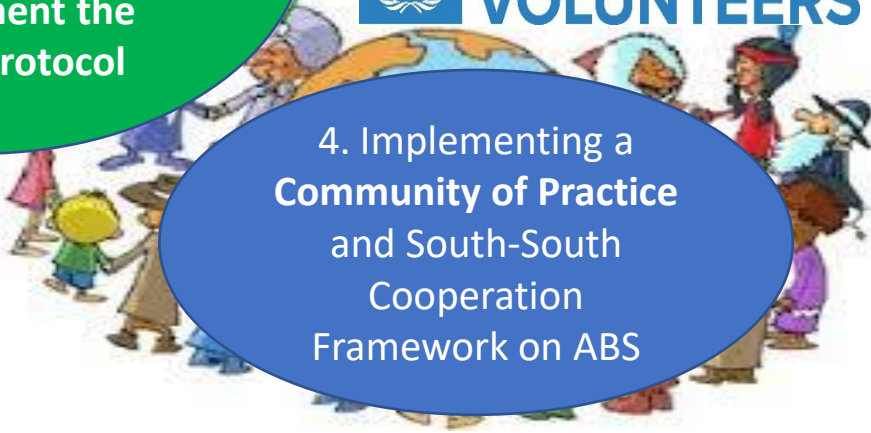


3. Strengthening the capacity of **indigenous and local communities** to contribute to the implementation of the Nagoya Protocol

Strengthening human resources, legal frameworks and institutional capacities to implement the Nagoya Protocol



2. Building **trust between users and providers** of genetic resources to facilitate the identification of **bio-discovery efforts**



4. Implementing a **Community of Practice and South-South Cooperation Framework on ABS**

# Key activities- Component 1



18  
21

National ABS legal frameworks developed or reviewed, including measures for protecting Traditional Knowledge (1 full system approved; 1 ABS Regulation Amended; 1 Provisional system adopted; 1 ABS Policy)

6656  
1360

Stakeholders have been trained on ABS, Nagoya Protocol and ABS Procedures

13  
21

national biodiversity CHM or dedicated website for information purposes related to ABS

1

**Key challenge:** Political buy to complete the legal procedures for the approval of the laws, regulations and effective implementation of the legal frameworks

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**Key challenge:** Political buy to complete the legal procedures for the approval of the laws, regulations and effective implementation of the legal frameworks

# Key activities- Component 1



<http://www.mvotma.gub.uy/index.php/ambiente/conservacion-de-ecosistemas-y-biodiversidad/biodiversidad/recursos-geneticos>



Ministerio de Vivienda  
Ordenamiento Territorial  
y Medio Ambiente

- Inicio
- Institucional ▾
- Transparencia ▾
- Trámites y servicios ▾
- Documentos
- Novedades ▾
- 

Vivienda **Ambiente** Territorio Aguas Cambio climático

## Cuidado del ambiente

- Dinama >>
- Plan Ambiental Nacional >>
- Observatorio ambiental >>
- Prevención y control para el cuidado del ambiente >>
- Conservación de ecosistemas y biodiversidad >>
- Gestión de residuos y sustancias >>
- Educación ambiental >>

## RECURSOS GENÉTICOS - ACCESO Y PARTICIPACIÓN

Acceso a recursos genéticos y participación justa y equitativa en los beneficios que se deriven de su utilización (ABS): un dinamizador del desarrollo sostenible del país.



### >> Acceso a Recursos Genéticos y Participación en los Beneficios (ABS)

El marco que regula el acceso a los recursos genéticos del país puede generar beneficios para usuarios y proveedores, y contribuir a la conservación de la biodiversidad.



### >> Solicitud de Acceso a Recursos Genéticos

Conocé más sobre el trámite para realizar la solicitud de acceso a genéticos y/o compuestos bioquímicos para investigación.

[Ver más](#)



# Key activities- Component 2



11  
22

Biodiscovery projects supported (34 expected)

8  
16

Ethical codes of conduct or guidelines for research on TK and genetic resources (16 countries) (*in progress*)

8  
25

ABS commercial agreements (**Colombia, Dominican Republic, India, Panama and South Africa**)

*ABS is Genetic Resources for Sustainable Development*



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UNITED NATIONS DEVELOPMENT PROGRAMME

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<http://www.undp.org/>

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# Key activities- Component 3



**22**

IPLC  
awareness-  
raising  
campaigns

**8/24**

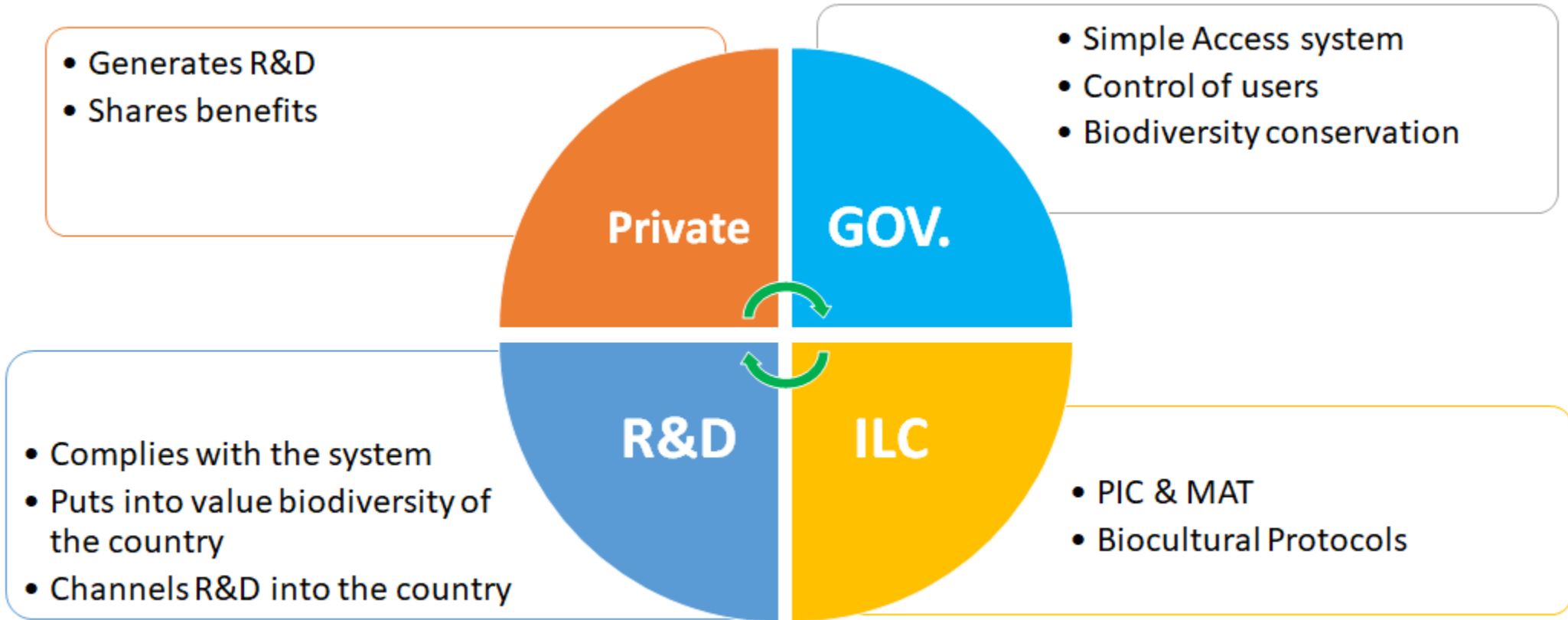
Biocultural  
Community  
Protocols

**1**

Free Prior  
Informed  
Consent



# Virtuous circle on ABS



**Legal access to genetic resources and benefit-sharing becomes the rule and not the exception**



# Communities of Practice

## Elements of Communities of Practice

“COPs refer to groups of people who genuinely care about the same real-life problems or hot topics, and who on that basis interact regularly to learn together and from each other.”



Joint enterprise



Shared repertoire



Mutual  
engagement

# Global ABS Community



**281 members**



**18 Knowledge products shared**



**9 on site activities supported**



**7 online activities organized/supported**



**7 Discussions initiated**



**12 Adverts published**



**5 thematic areas**



**3 languages**

*ABS is genetic for sustainable development*



# Thematic Areas



ABS Legal Frameworks

Knowledge, good practices and lessons learned regarding the implementation of legal frameworks on ABS.



Private Sector & Industries

Provides an overview of market dynamics and major trends in R&D of GR and its market demands.



Sustainable Development Goals

Explores the impact of the ABS thematic to the Sustainable Development Goals,



Traditional Knowledge

A space for experience sharing, information dissemination and best practices regarding the use of traditional knowledge associated to GR.



# On-line Activities Promoted

Type of Activity	Name of the Activity	Languages Offered	Region of Focus	Total Reach
<i>Webinars</i>	<ul style="list-style-type: none"> <li>▪ Gender and ABS</li> <li>▪ The Nagoya Protocol</li> <li>▪ Blockchain as an innovative to improve the implementation of the NP</li> </ul>	English Spanish	LAC Africa	306 Registrations 187 Attendees
<i>Event Live-Streaming</i>	<ul style="list-style-type: none"> <li>▪ CBD Cop-14</li> <li>▪ Community of Practice Workshop for ABS practitioners</li> <li>▪ Protection Mechanisms of Traditional Knowledge</li> </ul>	English Rusian Spanish	Global Eastern Europe (Russian Speaking Countries) LAC	297 Registrations 136 Attendess
<i>Recordings</i>	ABS Contract Negotiation	Spanish	LAC	





# Awareness Raising Campaigns

## ➤ Campaign to celebrate the International Day of Women and Girls in Science

Online campaign to celebrate the effort and dedication of all scientific girls and women that Works towards the implementation of the Nagoya Protocol, setting role models for future generations.

## ➤ **Campaign to celebrate the UN Permanent Forum on Indigenous Issues on the framework of the International day of indigenous languages.**

An activity organized in collaboration with the Ministry of Environment of Ecuador with the aim to share experiences and knowledge regarding protection mechanisms of traditional knowledge.





# Face to Face (On-Site Activities)

- International Workshop of Traditional Knowledge related to GR held in Ecuador;
- Regional Community of Practice workshop held in Istanbul design to strengthen the capacity to deal with legal, policy and practical issues related to the management of GR and TK;
- Regional workshop held in DR about ABS contract negotiation directed towards ABS focal points and national competent authorities from LAC.





## Workshop for European, CIS, Arab and Asian countries

- **CoP Workshop for European, CIS, Arab and Asian countries** held in **Istanbul (IRH)** from 9 to 12 April 2019:
  - first one of this kind for CIS Region, with 31 participants from **9 countries** (Albania, Belarus, Kazakhstan, Tajikistan, India, Jordan, Mongolia, Myanmar and the Republic of Kirgizstan)
  - International experts, CBD Secretariat and simultaneous ENG/RUS translation
  - **Live Broadcast** through GoToWebinar in Russian

# CoP Workshop for European, CIS, Arab and Asian countries held in Istanbul (IRH)



## *Cont'd*

- Substantive sessions and expert materials made available through the Global ABS Community website
- **Special session** with simultaneous workshop in Japan focused on **agricultural biodiversity, plant breeding** and ABS to facilitate direct exchange of experiences and direct contacts with other countries in Asia, ABS stakeholders and the private sector
- Upcoming **sub-regional training on ABS contract negotiations** to be held in **Botswana** – first week of September 2019, tentative.



# CoP Workshop for Asia (Cambodia, Oct 2018)



## *Participants*

- **12 countries**  
Bhutan, Cambodia, China, India, Indonesia, Japan, Korea, Malaysia, Mongolia, Myanmar, Philippines, and Vietnam
- 18 Female and 16 Male
- Government, research institutions, and private sector



# CoP Workshop for Asia (Cambodia, Oct 2018)



## OBJECTIVES

- Exchange knowledge and experiences, good practices and lessons learned on ABS implementation
- Increase awareness on issues and concerns of ABS institutions, academic/scientific community, and private sector as regard to the implementation of NP-ABS
- Provide options to address issues and concerns of stakeholders on the implementation of NP-ABS
- Initiate a CoP on ABS at the regional level as part of the Global CoP on ABS



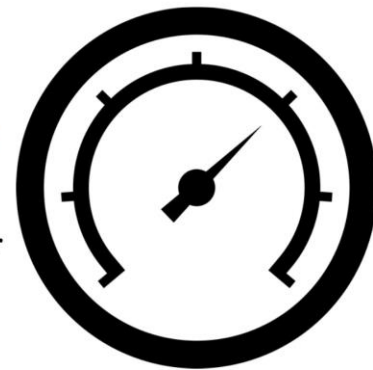
UNDP GEF GLOBAL ABS PROJECT  
PAN AFRICAN COMMUNITY OF PRACTICE SERIES  
VALORIZATION OF GENETIC RESOURCES: TOOLS AND  
INNOVATIONS TO UNLOCK AFRICA'S TRUE POTENTIAL  
Seychelles, 8-11 July 2019

10+ Countries  
Businesses  
Media



ABS Gender Barometer

MIND  
Your  
Step!  
Gender  
Tool



50/50



MINISTRY OF ENVIRONMENT,  
ENERGY AND CLIMATE CHANGE  
Republic of Seychelles



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# II PanAfrican Workshop (Seychelles, July 2019)



## PAN AFRICAN COMMUNITY OF PRACTICE SERIES

2nd EDITION - Doing sustainable business  
in Africa:

Tools and innovations for the valorization  
of genetic resources to unlock the  
potential of Africa's bio-economy and  
accelerate the achievement of the  
sustainable development goals



*ABS is genetic resources for sustainable development*



# CoP IN LATIN AMERICA AND THE CARIBBEAN



## 4 regional activities in LAC:

- Exchange of experiences on ABS legal frameworks (31 July- 3 August 2017, Panama)
- Exchange of experiences on Monitoring of genetic resources (4-5 June 2018, Panama)
- International workshop on Traditional Knowledge, Intellectual Property Rights and ABS in the context of the Nagoya Protocol (5-7 September 2018, Ecuador)
- Regional training on negotiation of ABS Contracts (1-3 May 2019, Dominican Republic)



# SUPPORT TO OTHER INTAL ACTIVITIES/ORGANIZATIONS



1. Support to UNDP-GEF ABS National Project in **Argentina** with trainings and country mission (Dec. 2017) and **Cook Islands** (February 2018)
2. Facilitation of an exchange mission from **Morocco** (UNDP-GEF ABS national project) to **South Africa** (Global ABS)
3. Co-organization of a training for 9 countries with **Bioversity** and the International Treaty on Plant Genetic Resources for Food and Agriculture (Rome, Nov 2017)
4. Support to the Secretariat of the **Convention on Biological Diversity**:
  - 6 Regional IDLO legal trainings on the Nagoya Protocol
  - 3 Regional trainings on traditional knowledge
  - 2 Regional trainings on the mutual supportiveness with the International Treaty on Plant Genetic Resources with Bioversity



# Incoming activities

- Final Conference of the project in 2020 (open to other participants):
  - Showcase progress on ABS in the different countries and regions
  - Attract research and business
  - Debate pending issues of the post-2020 biodiversity agenda





# GLOBAL ABS Community

Welcome to a virtual platform oriented to provide support for the implementation of the Nagoya Protocol on ABS



ABS & ITPGRFA



ABS Legal Frameworks



Traditional Knowledge



Sustainable Development Goals



Private Sector & Industries

## All Discussions



Seminario para el fortalecimiento del potencial de los practicantes de especialistas en el acceso a los recursos genéticos y el uso justo y equitativo de los beneficios, de los pueblos indígenas y comunidades locales, científicos, trabajadores y del sector privado.

Agustina Rato replied 4 weeks ago 1 Member · 1 Reply

Announcements



WIPO's Project-Based Training and Mentoring Program on Intellectual Property for Women Entrepreneurs from Indigenous Peoples and Local Communities

Carla Bengoa replied 4 weeks ago 1 Member · 1 Reply

Announcements



Webinar sobre el Decreto Ejecutivo N° 19: La nueva regulación sobre ABS en Panamá

Antonio Midence replied 4 weeks ago 1 Member · 1 Reply

Announcements



Webinar on Mainstreaming Gender into ABS: Experimenting new Approaches to Think Equal, Build Smart, and Innovate for Change

Agustina Rato replied 4 weeks ago 1 Member · 1 Reply

Announcements



Webinar on Blockchain as an innovative tool to improve the

## Facebook Feed



UNDPGEFabsproject

Liked 272 likes



UNDPGEFabsproject

hace 4 horas

Empezando el día con una muy buena noticia! #Ecuador ya cuenta con más de 200 depósitos de #ConocimientosTradicionales, según datos de SENADI. Enhorabuena! Propiedad Intelectual Ecuador PNUD Ecuador VNU América Latina y el Caribe #NagoyaProtocol #RecursosGenéticos para los #ODS... See more





# Global ABS PNUD GEF

View course details



David Katz · 27th August 2019

“Fortalecimiento de los marcos legales, los recursos humanos y las capacidades institucionales para la implementación del Protocolo de Nagoya.”

## COURSE CONTENT

Expand All

▶ Global ABS PNUD GEF: Lesson 1

1 Quiz



Start Course

Open Registration

### COURSE INCLUDES

- 1 Lesson
- 1 Quiz
- Course Certificate

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- 1 Lesson
- 1 Quiz
- Course Certificate

## E-Learning The Nagoya Protocol: Relevance and Scope



## Service Package provided by the Global ABS Community

An activity developed in the framework of implementation of the UNDP-GEF Global ABS Project

“

*“Strengthening legal frameworks, human resources and institutional capacities to implement the Nagoya Protocol”*

### Context

The Global ABS Community, the community of practice of the UNDP-GEF Global ABS Project, best practices, methodologies and tools related to the implementation of the Nagoya Protocol are promoted under Component 4 of the UNDP-GEF Global ABS Project implemented under a global cooperation framework on ABS.

The main outputs of this component are:

- Output 4.1: Community of Practice on ABS at the regional and global levels, including ABS mechanisms under the Nagoya Protocol;
- Output 4.2: ABS experts' roster provides technical assistance in biotechnology, value chain, business and economics, sharing of experiences;
- Output 4.3: Systematized experiences, best practices, lessons learned;
- Output 4.4: Website serves as a virtual knowledge platform for the community.

The Global ABS Business Facility

The Global ABS Legal Clinics

The Global ABS Community Implementation Framework



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## ***UNDP-GEF Global ABS Project***

*Strengthening human resources, legal frameworks and institutional capacities to implement the Nagoya Protocol*



# **INNOVATIONS AND EMERGING ISSUES**

*ABS is genetic resources for sustainable development*

# Key challenges and the future

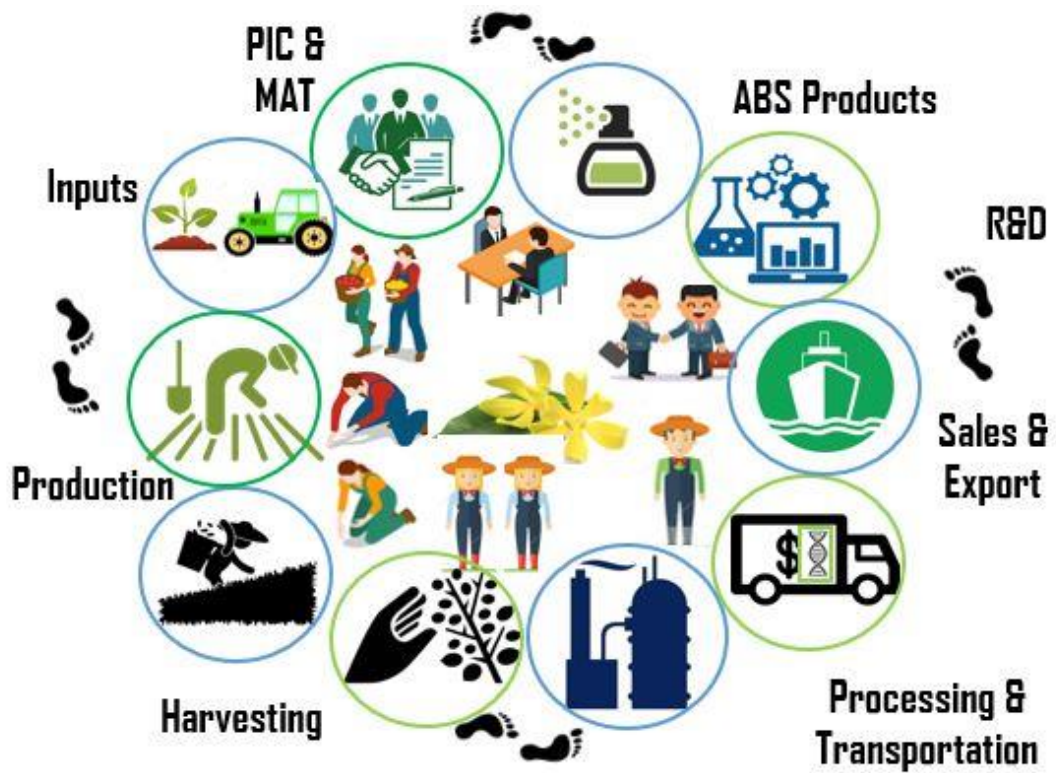


- Key challenges:
  - Flexibility of the Nagoya Protocol vs. **STANDARDIZATION**
  - Where is the **private sector**?
  - Is the Nagoya Protocol giving to the ABS system the required **traceability** of genetic resources at the global level?
- Developing innovative tools on:

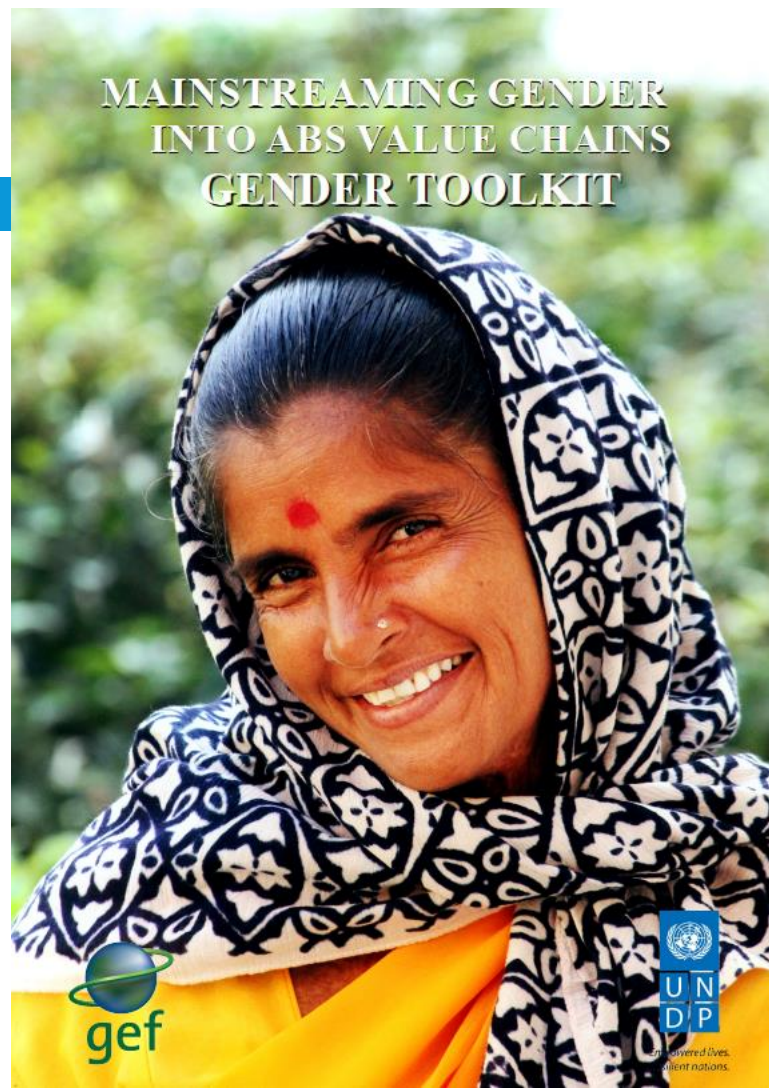




# Time for ACTION Africa! Valorization Workbook



# MIND Your Step! Gender Toolkit





# Intellectual Property (IP) Guidance

The screenshot shows the top navigation bar of the ABS website with logos for ABS, GEF, and UNDP. The main header area features a large image of a hummingbird and the text 'Discussions' and 'Join the Global ABS Community in discussing relevant subjects'. Below this is a search bar with filters for '-Genetic Resour', 'Europe', and 'Country'. A featured article is visible at the bottom with a profile picture and the title '#1 Follow up exchange and resource sharing on Patent Disclosure Requirements: Community of Practice Workshop on the Nagoya Protocol on ABS for European, CIS, Arab and Asian countries'.

- #1 Patent Disclosure Requirements on Genetic Resources
- #2 *Sui generis* IP protection of Traditional Knowledge held by Indigenous Peoples and Local Communities
- #3 Documentation of Traditional Knowledge
- #4 Data access and use agreements for Digital Sequence Information (DSI)



# Blockchain for GR

- MoU with Alxerion (March 2019)
- Developing the strategy and activities to be conducted to test blockchain technology for the utilization and tracking of genetic resources and associated Traditional Knowledge
- <https://www.youtube.com/watch?v=4A31ZbMfggU&trk=organization-update-content+share-video-embed+share-article+title>



Picture from <https://cbnt.co.uk/2018/11/10/blockchain-solution-for-nhs/>



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# Building Trust

[Claudio.Chiarolla@undp.org](mailto:Claudio.Chiarolla@undp.org)

[Alejandro.Lago@undp.org](mailto:Alejandro.Lago@undp.org)

## Join the Global ABS Community!

[www.community.abs-sustainabledevelopment.net](http://www.community.abs-sustainabledevelopment.net)

Follow us on Twitter : @UNDPabs



*Access and Benefit-Sharing (ABS) is Genetic Resources for Sustainable Development*



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## Questions & Answers



@Undpabs



@GlobalABSproject



UNDP-GEF Global ABS Project



YouTube

## Contact

[Globalabs.project@undp.org](mailto:Globalabs.project@undp.org)

<https://abs-sustainabledevelopment.net>



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