



Empowered lives.  
Resilient nations.

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

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



# **Global capacity-building workshop on monitoring the utilization of genetic resources under the Nagoya Protocol**

**Bonn, 2<sup>nd</sup> October 2019**

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# Global Scope



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

**23** countries

**5** continents

*ABS is genetic for sustainable development*

# ABS and Sustainable Development Goals



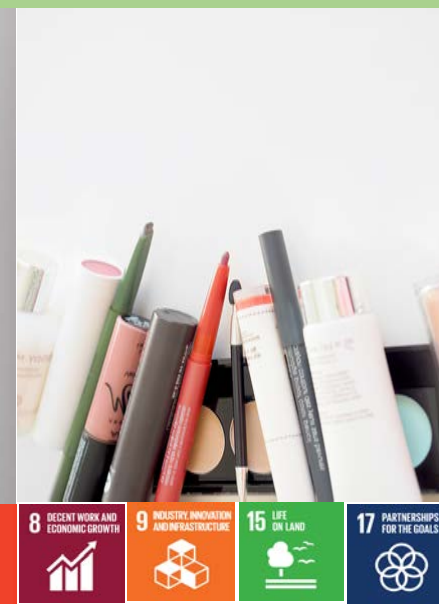
Biodiversity  
Genetic Resources  
Traditional Knowledge



Research &  
Development



Sustainable  
Development  
Goals (SDGs)



*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



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

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



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



Access and Benefit-Sharing (ABS) is gene

# 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


# Key activities- Component 1






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



Ministerio de Vivienda  
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**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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Environment



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# Key activities- Component 3



**22**

IPLC  
awareness-  
raising  
campaigns

**8/24**

Biocultural  
Community  
Protocols

**1**

Free Prior  
Informed  
Consent

# Key activities- Component 3



## UNV in Ecuador

- Empowered and inducted **870 leaders, youth and women** on SDGs, Agenda 2030 and the mechanisms for protecting TK associated to genetic resources and the relevance of the Nagoya Protocol, with a truly innovative and multiplier effect
- First Free Prior Informed Consent (FPIC) under the project: Indigenous community of San José de Payamino, within the Kichwa nationality, situated in the Amazon (granted to Alma College, based in Michigan (USA), to conduct the second phase of the biochemical research on medicinal plants). ([read more](#))



# Key activities- Component 3



## UNV in Ecuador

- Side event at 18th Session of the United Nations Permanent Forum on Indigenous Issues (examples of mechanisms to protect traditional knowledge in Ecuador and other countries in Latin America)



# Key activities- Component 3



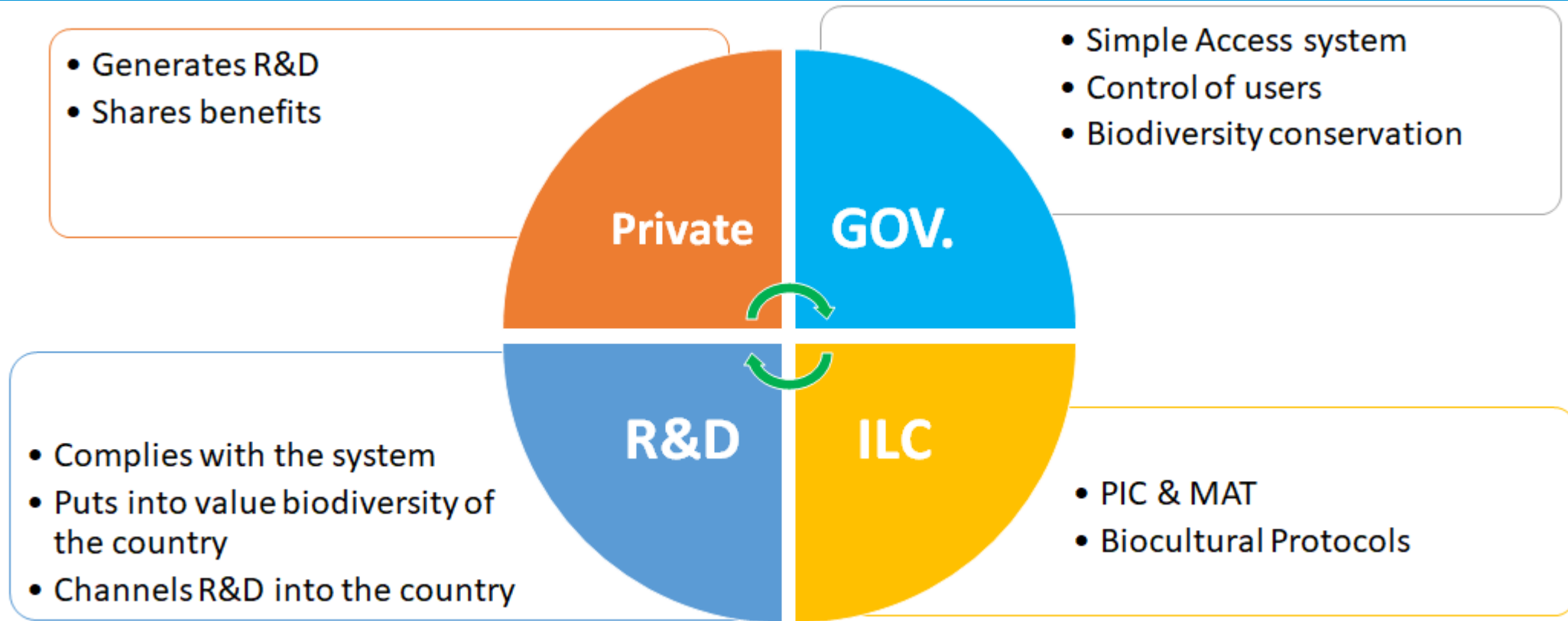
## Support to the Network of Latin American Indigenous Women on Biodiversity

- SGP project on Nagoya Protocol and Biodiversity
- Regional workshop in Panama (27-28 July 2019)





# Virtuous circle on ABS



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



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# **INNOVATIONS AND EMERGING ISSUES**

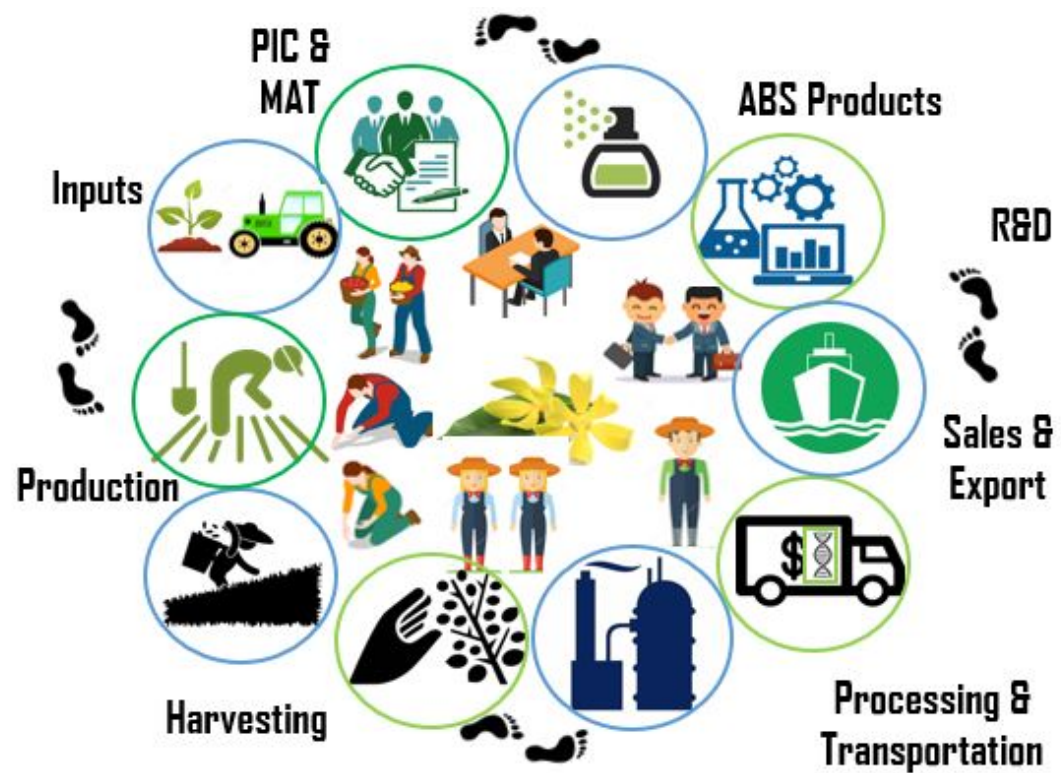
*ABS is genetic resources for sustainable development*

# Key challenges and the future

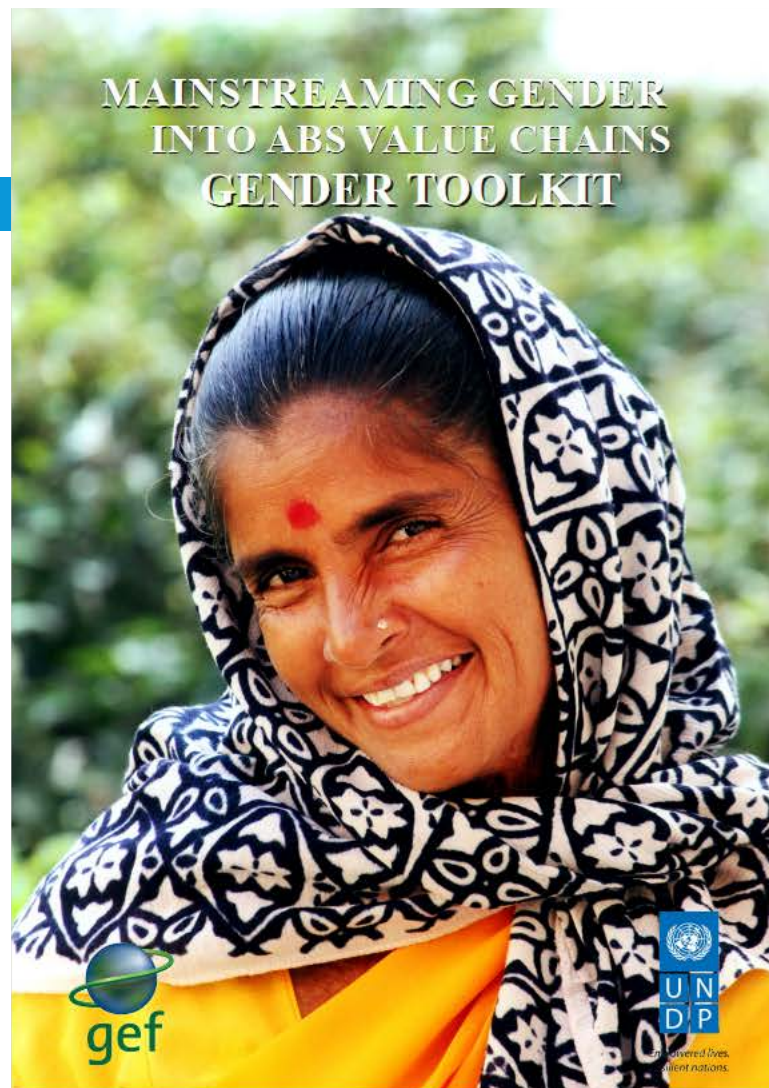


- Key challenges:
  - Flexibility of the Nagoya Protocol vs. **STANDARDIZATION**
  - Where is the **private sector**?
  - Is the Nagoya Protocol giving to the ABS system the required **traceability** of genetic resources at the global level?
- Developing innovative tools on:

## Time for ACTION Africa! Valorization Workbook



## MIND Your Step! Gender Toolkit





# Intellectual Property (IP) Guidance

The screenshot shows the top navigation bar with logos for ABS (Access to Biological Resources), GEF (Global Environment Facility), and UNDP (United Nations Development Programme). The main header features a large image of a hummingbird feeding from a red flower. Below the image, the text reads "Discussions" and "Join the Global ABS Community in discussing relevant subjects". A search bar is visible with filters for "Genetic Resour", "Europe", and "Country". A blue button labeled "RES" is partially visible. Below the search bar, a featured article titled "#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" is displayed, accompanied by a small profile picture of a man.

- #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/>

# GLOBAL ABS Community

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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



# Communities of Practice

“COPs refers 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.”

## Elements of Communities of Practice



Joint enterprise



Shared repertoire



Mutual engagement



# 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 work 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.





# SUPPORT TO SCBD ACTIVITIES

- 7 regional **legal trainings** IDLO-SCBD for the implementation of the Nagoya Protocol (Belarus, Cameroon, Chile, Morocco, Samoa, Senegal and Vietnam).
- 2 regional Workshops on **traditional knowledge** in Mexico (April 2018) and Sri Lanka (July 2018)
- 1 Global training on **monitoring genetic resources** under the Nagoya Protocol (Bonn, October 2019)



# SUPPORT TO OTHER ORGANIZATIONS

## BIOVERSITY

- 2 Regional trainings on the **mutual supportiveness** with Bioversity and the **International Treaty on Plant Genetic Resources** (Rome-2017 and Lebanon-June 2018)
- 1 regional training in Latin America for **CGIAR centers** (4 July 2019)

## SPREP



# SUPPORT TO OTHER NATIONAL ABS PROJECTS

## 5 missions to support other national ABS projects:

- UNDP-GEF ABS National Project in **Argentina** with trainings and country mission (December 2017)
- UNDP-GEF ABS national project in **Cook Islands** with mission and support in trainings (February – March 2018);
- Facilitation of an exchange mission from **Morocco** (UNDP-GEF ABS national project) to **South Africa** (Global ABS)
- UNEP-GEF ABS National Project in **Peru**, presentation, facilitation of a regional seminar of the Andean Community and legal support in the revision of the draft ABS regulation (3-6 June 2019)
- UNDP-GEF ABS National Project in **Brazil**, presentation during workshop (18-19 September 2019)

# REGIONAL ACTIVITIES TO GENERATE COMMUNITY OF PRACTICE



33 technical assistances have been conducted to fulfill ABS requirements at regional and global level

- 1 regional community of practice workshop on ABS in **Asia**, organized by UNDP Bangkok Regional Hub and funded by the government of South Korea (Siem Reap, **Cambodia**, October 2018)
- 2 **PanAfrican** ABS Workshops
  - The road to COP14: Access and Benefit Sharing for Sustainable Development (#ABS4SD) - lessons learned from the implementation of the Nagoya Protocol in Africa and the way forward to promote biodiscovery partnerships to support the implementation of the SDGs” (Kigali, **Rwanda**, 28-30 August 2018)
  - “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” (**Seychelles**, 8-11 July 2019)

# REGIONAL ACTIVITIES TO GENERATE COMMUNITY OF PRACTICE



- 1 Community of Practice workshop for the **Europe and CIS region** and other countries on the Nagoya Protocol on ABS (Istanbul, 9-12 April 2019 (live streaming in Russian))
- 5 regional activities and community of practice workshops in **Latin America and the Caribbean** on:
  - ABS legal frameworks (**Panama**, 31 July to 3 August 2017)
  - Biocultural Community Protocols and KAP procedures in Latin America (**Panama**, 16-18 May 2018)
  - Monitoring of genetic resources and traditional knowledge of the country at the international level (**Panama**, 4-5 June 2018);
  - Traditional Knowledge, Intellectual Property and the fair and equitable sharing of the benefits in the context of the Nagoya Protocol (Quito, **Ecuador**, 5-7 September 2018) (also live streaming)
  - Negotiation of ABS Contracts (Punta Cana, **Dominican Republic**, 1-3 May 2019) (also live streaming)

# REGIONAL ACTIVITIES TO GENERATE COMMUNITY OF PRACTICE



- 5 live streaming **webinars** on:
  - “**Blockchain** as an innovative tool to improve the implementation of the Nagoya Protocol and ABS” (15 February 2019)
  - “Mainstreaming **gender into ABS** under the Nagoya Protocol” (13 March 2019)
  - UNDP-GEF Global ABS Project Knowledge Café (Panama, 1 May 2019)
  - “**BioTrade** and ABS” (2 July 2019)
  - “Webinar on ABS & **Digital Sequence Information (DSI)**” (25 Sept 2019)
  - **Incoming: Biocultural Community Protocols** in Latin America (25<sup>th</sup> November); **Private sector experiences** on ABS; ...



# GLOBAL ABS COMMUNITY

- WHAT IS IN THE GLOBAL ABS COMMUNITY?
- HOW DOES IT WORK?

<https://prezi.com/view/u200yZRBzrfjPj0AsStH/>



# 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  
Protocol”*

The Global ABS Legal Clinics

## Context

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

The Global ABS Business Facility



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## Join the GLOBAL ABS COMMUNITY

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



@Undpabs



@GlobalABSproject



UNDP-GEF Global ABS Project



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