

# ABS Compliance Management

with the new OSIRIS Nagoya Module

presented by Julia Koblitz



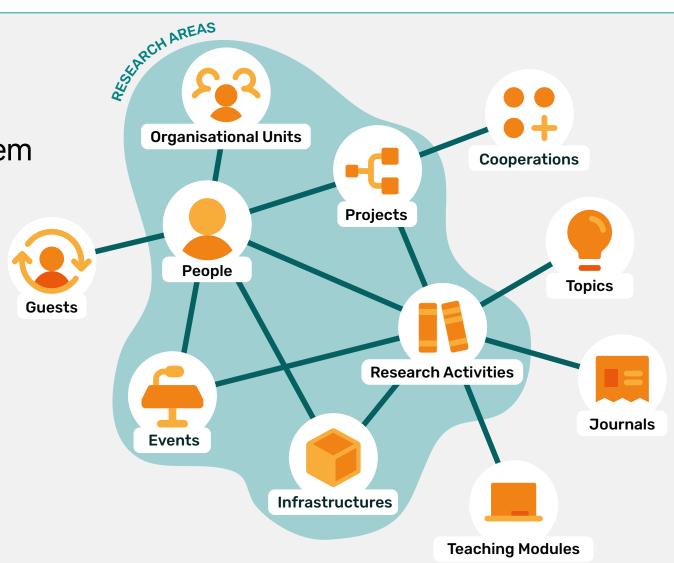
# What is OSIRIS anyway?



**OSIRIS** is a research information system

lt is used by research institutes to collect, manage, and analyse their research

←osiris-app.de



# **Key Aspects**





#### Open Source & Open Science

OSIRIS is fully open source (MIT license), without vendor lock-in, hidden costs, and actively developed by the community.



#### Easy to use

Intuitive interfaces, clear structure, and a strong focus on UX: OSIRIS works without technical background knowledge.



#### Flexible & customizable

Fields, activities, workflows, roles and reports can be configured freely – directly in the UI, without coding.



#### Fast to deploy

OSIRIS can be installed within a few hours – locally, on your server, or via our hosting.



#### Built for research

Developed by researchers, tested in real workflows, and tailored to the needs of non-university institutes.



#### Expandable & Open

The OSIRIS API allows easy integration with external tools, databases and reporting processes.

# **Key Features**



# Researchers



Export a personal CV



Collect Coins and achievements



Research is visible for everyone



English and German



Intelligent data adding



Personal profile page



Import from online sources



Deposit and Share files



Analyze and visualize



Quarterly Reporting



Logic checks



Interfaces and integration



Word export of reports



Advanced search



Workflows for quality check



**Easy** customization

Learn more at osiris-app.de

# Why ABS Compliance in OSIRIS?



Because we have everything what we need already!



# **Our Personas for today: Meet Lisa and Daniel**





Scientist and Project Lead

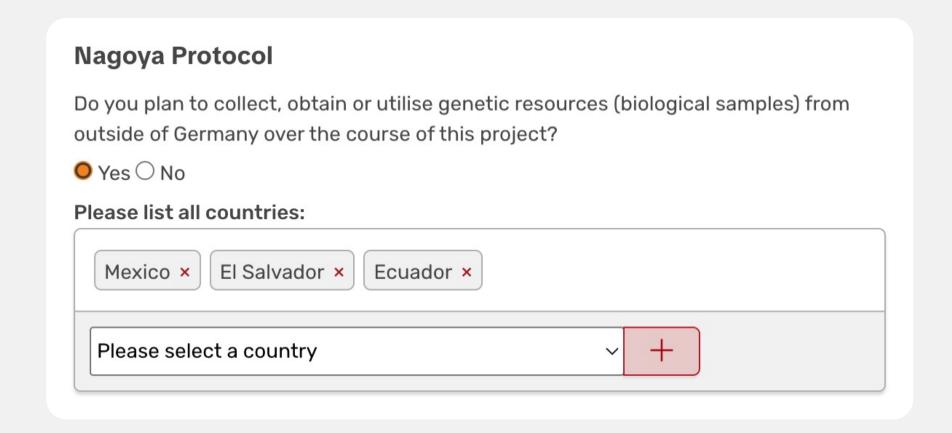


**ABS Compliance Officer** 

# The process of an ABS-relevant project in OSIRIS



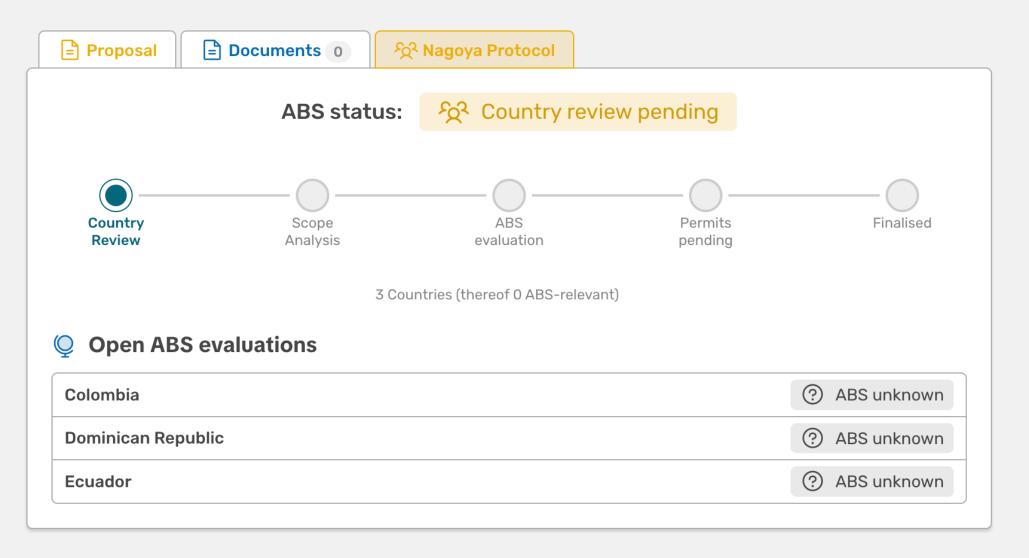
It starts with a project proposal, where **Lisa** adds among other details:





# A new "Nagoya Protocol" Tab appears





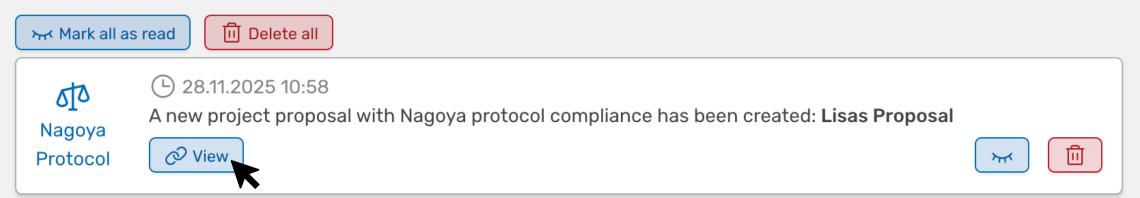


Lisa

# Daniel gets a message in his inbox









# He can now review all countries entered by Lisa



**Daniel** 

## **Nagoya Evaluation**

#### **Current Status: Country review pending** COUNTRY PARTY TO NAGOYA? **OWN ABS MEASURES?** COMMENT DECISION Mexico Unknown ~ Unknown ? ABS unknown ? ABS unknown El Salvador Unknown V Unknown ABS unknown **Ecuador** Unknown Unknown Overall rationale / comments



# Based on his decision, countries get flagged



## **Nagoya Evaluation**

Current Status:  Q* Researcher input required  Notify applicants that ABS review is complete		plete	Once the evaluation is complete, he can notify Lisa		
COUNTRY	PARTY TO NAGOYA?	OWN ABS MEASURES?	COMMENT	DECISION	
Mexico	No	Yes	Has national biodiversity authority; requirements case-by-case.	ABS  ABS-relevant  Last reviewed by  Katjana Klages on 01.12.2025	
El Salvador	No	v No v	Nothing in place	Not ABS-relevant  Last reviewed by  Katjana Klages on 01.12.2025	
Ecuador	Yes	✓ Unknown ✓	Ratified in 2017-09-20, party since 2017-09-20	ABS-relevant  Last reviewed by  Katjana Klages on 01.12.2025	
Overall rationale /	comments				
SEMARNAT) deci	de on a case-by-case basis v	whether a permit or procedure is rec		es. The competent authorities (e.g. CONAPLES.	
Save review	<b>√</b> He can add	a rationale that wil	l be visible to Lisa	Danie	

# Lisa gets a message in her inbox





₩ Mark all as read

णि Delete all

Nagoya Protocol (L) 01.12.2025 05:38

The Nagoya Protocol review for your project proposal 'Test' has been completed. Please view the results and take any necessary actions regarding ABS compliance.

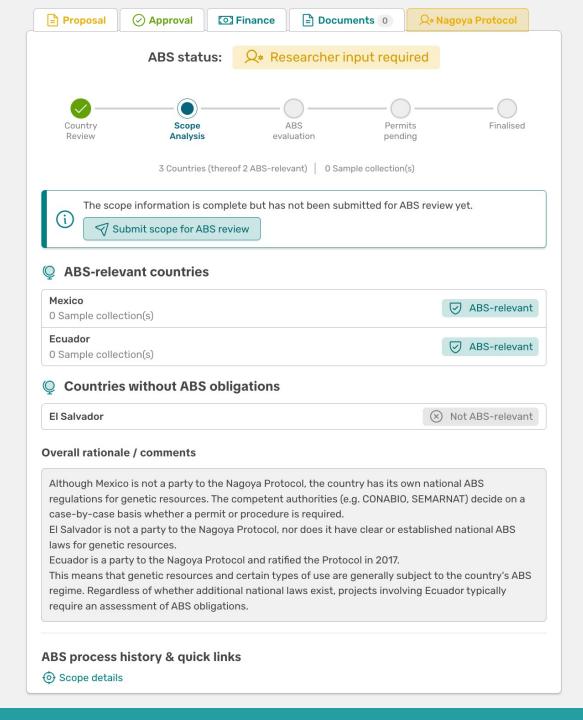








Lisa





# Lisa sees an overview on the current ABS status

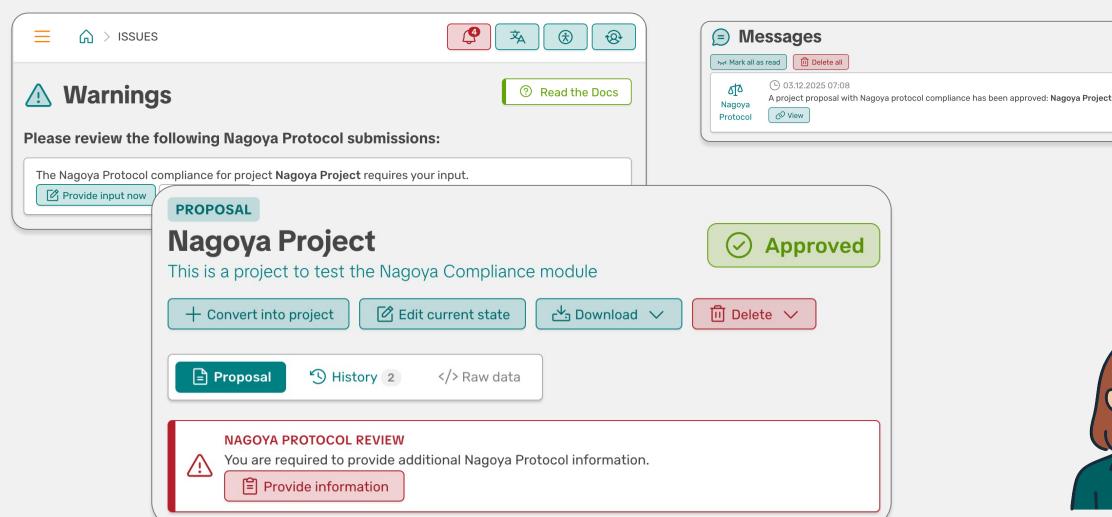
- She can already submit scope information
- However, it gets more important, once the project is funded:



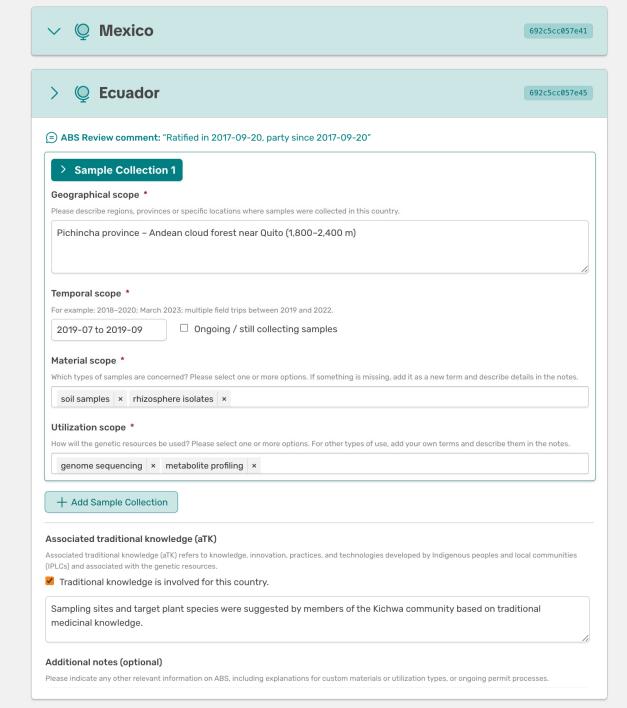


# She will be prompted more forcefully





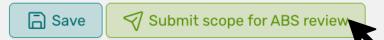




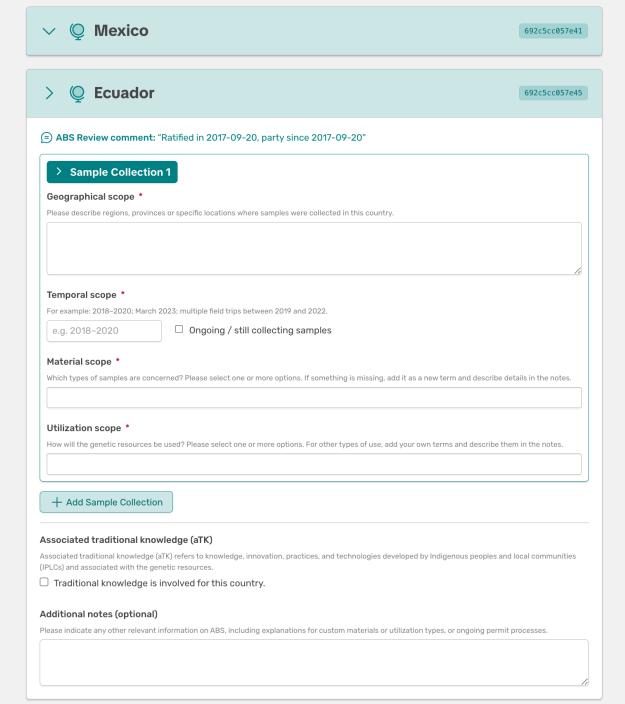


# Lisa now adds information to each ABS-relevant country

- She can add multiple sample collections with different scope
- Copy from above and collapsable boxes help her edit many datasets
- She can add information on aTK and some more notes
- She can save any time, come back later and finally submit:









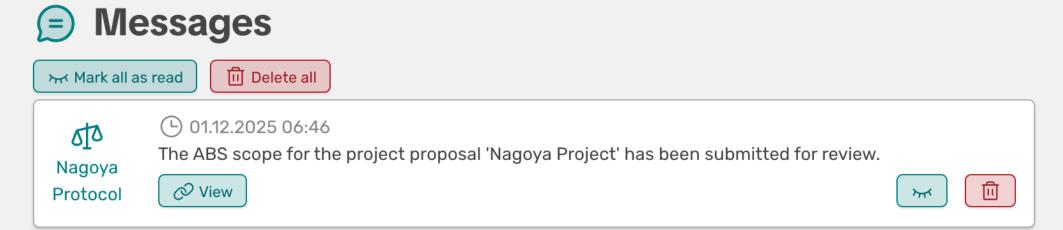
# Lisa now adds information to each ABS-relevant country

- She can add multiple sample collections with different scope
- Copy from above and collapsable boxes help her edit many datasets
- She can add information on aTK and some more notes



# Daniel will be notified about the submitted scope









#### **Country review**

Review of countries as part of the ABS evaluation process was conducted by: Katjana Klages on 01.12.2025

Nagoya Party: No

Own ABS measures: Yes

Comment:

Has national biodiversity authority; ABS requirements case-by-case.

#### **Scope overview**

Country review by Katjana Klages on 01.12.2025

SAMPLE COLLECTION 1	
Geographical scope: Yucatán peninsula – agricultural fields and semi-natural shrubland	
Temporal scope:	planned from 2026-02 ongoing / planned
Material scope:	rhizosphere soil samples, root-associated bacterial isolates
Utilization scope:	metagenomic sequencing, isolation of antibiotic-producing strains, functional screening for MEP pathway inhibitors

SAMPLE COLLECTION 2	
Geographical scope:	Central Mexico – highland maize cultivation systems (collaboration with local research institute)
Temporal scope:	planned from 2026-06 ongoing / planned
Material scope:	bulk soil samples, phyllosphere swabs, enriched actinomycete cultures
Utilization scope:	comparative genomics, secondary metabolite analysis, strain characterisation for potential therapeutic leads

#### Additional notes:

Samples will be collected in collaboration with the Instituto Nacional de Ecología. The Mexican partner institution will coordinate all ABS-related procedures and submit the permit requests locally. Researchers will receive copies of PIC/MAT once granted.



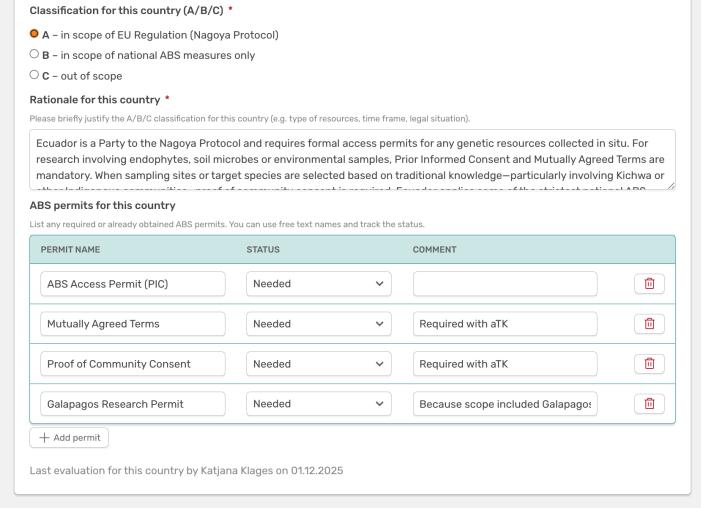
# Daniel can evaluate the country thoroughly

- He has all previously collection information at one place
- He can review one country at a time





#### **Country review**





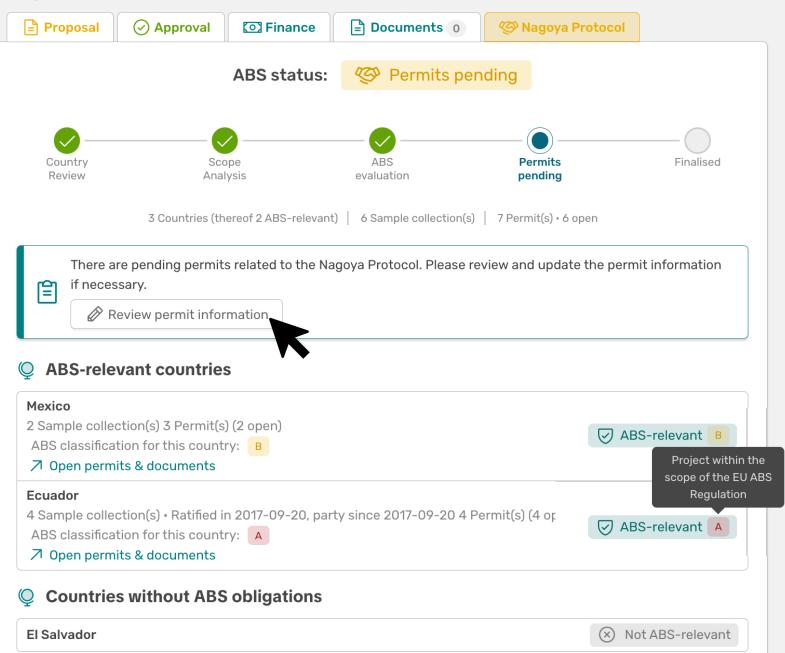
# Daniel can evaluate the country thoroughly

- He can label the country as A,
   B or C depending on the scope
- He can add all required permits





#### **Proposal details**





# Lisa can now review the results

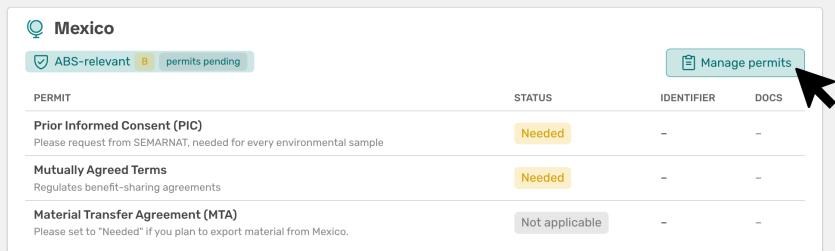
 Both have a new permit area to manage the permits



## ABS permits overview

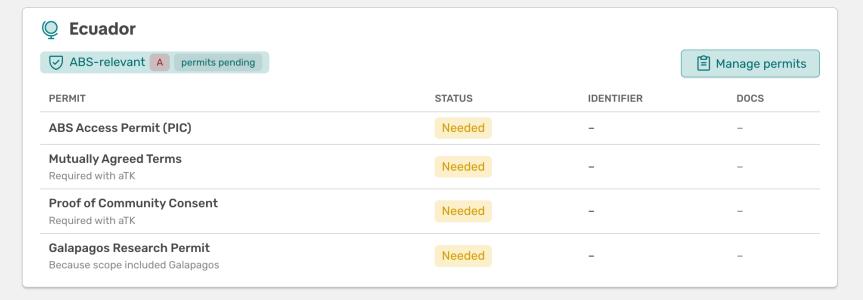
Overview of required and granted ABS permits across all ABS-relevant countries.

#### **Permits by country**



#### Shared notes

No notes added yet. Add note Short note on communication, decisions or next steps... Save note





## **ABS** permits for Mexico

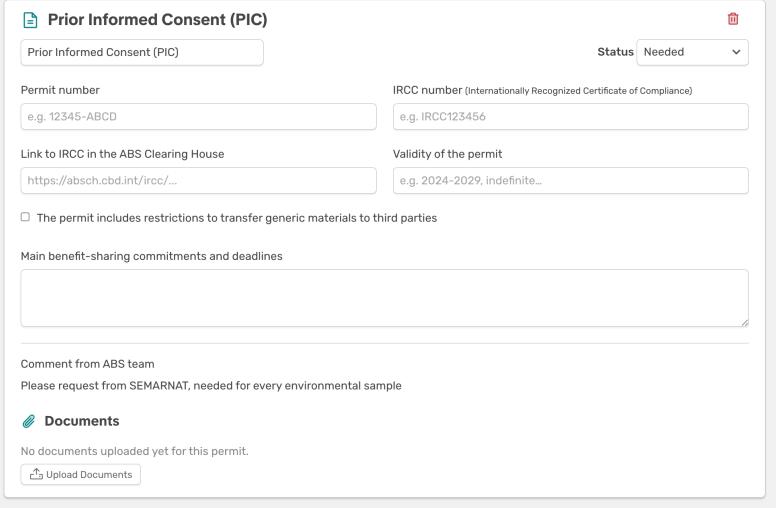
← Back to all countries

Nagoya status:

$\langle v \rangle$	ABS-relevant	В
	, , , , , , , , , , , , , , , , , , , ,	

#### Permits for this country

Please keep permit information up to date. Use the fields below to edit names, identifiers and status. Document uploads are handled per permit.



#### Shared notes

Use the shared notes area to document communication and decisions related to ABS permits for this country.

Add note

Short note on communication, decisions or next steps...



#### Permits for this country

Please keep permit information up to date. Use the fields below to edit names, identifiers and status. Document uploads are handled per permit.

Prior Informed Consent (PIC)	
Prior Informed Consent (PIC)	Status Needed v
Permit number	IRCC number (Internationally Recognized Certificate of Compliance)
e.g. 12345-ABCD	e.g. IRCC123456
Link to IRCC in the ABS Clearing House	Validity of the permit
https://absch.cbd.int/ircc/	e.g. 2024-2029, indefinite
Comment from ABS team	
Please request from SEMARNAT, needed for every enviro	nmental sample
ABS team has checked and validated all information for	r this permit.
□ ABS team has checked and validated all information for	r this permit.
□ ABS team has checked and validated all information for <b>⊘ Documents</b> No documents uploaded yet for this permit.	r this permit.



#### **Q** Shared notes

Use the shared notes area to document communication and decisions related to ABS permits for this country.

No notes added yet. Add note Short note on communication, decisions or next steps... Save note



**Daniel** Lisa

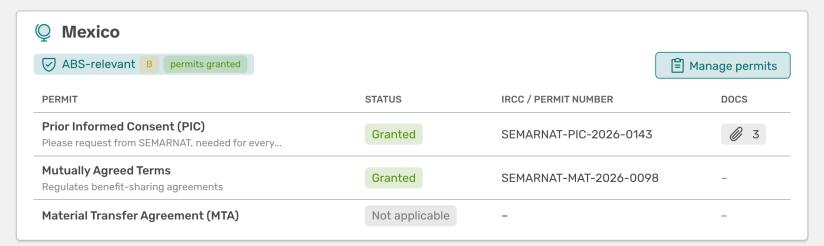
01.12.2025



## **ABS** permits overview

Overview of required and granted ABS permits across all ABS-relevant countries.

#### Permits by country



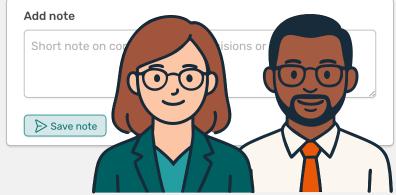


#### **○** Shared notes

Daniel



Kick-off meeting held on 2024-11-12 with project team and ABS office. Clarified that Ecuador will require PIC/MAT and potentially community consent. Mexico partner institution confirmed they will coordinate permit requests locally.



Lisa **Daniel** 

#### **History**

History of changes to this activity.

#### 09.02.2025

#### Nagoya Protocol update by Lisa

Permit information updated for country Mexico.

- SEMARNAT-PIC-2026-0143: requested
- SEMARNAT-MAT-2026-0098: needed
- MTA-CONABIO-2026-22-BIO: granted

#### 08.02.2025

#### Nagoya Protocol update by Daniel

Permit information updated for country Ecuador.

- MAATE-ABS-PIC-2024-178-A: needed
- MAATE-MAT-2024-052: requested
- CC-KICHWA-PASTAZA-2020-07-15: granted
- GNPD-RP-2022-0314: needed

#### 07.02.2025

#### Nagoya Protocol update by Daniel

ABS evaluation updated for 2 countries.

- Mexico: (evaluated)
- Ecuador: (evaluated)

#### 07.02.2025

#### Nagoya Protocol update by Daniel

ABS evaluation updated for 2 countries.

- Mexico: (evaluated)
- Ecuador: (evaluated)

#### 06.02.2025

#### Nagoya Protocol update by Lisa

ABS scope submitted for review.

- Mexico: 2 scope group(s) defined.
- Ecuador: 4 scope group(s) defined.
- El Salvador: no scope defined.

#### 05.02.2025

#### Nagoya Protocol update by Lisa

ABS scope saved.

- Mexico: 2 scope group(s) defined.
- Ecuador: 4 scope group(s) defined.
- El Salvador: no scope defined.



# All actions are saved in the history

- The history keeps track of changes without overloading
- Who did what when?



# The Nagoya Dashboard gives Daniel an overview

## ... on open tasks



## **Nagoya / ABS Compliance Dashboard**

Overview of all Nagoya-relevant projects, current tasks for the ABS Compliance Team, and quick access to country and permit information.

#### **Example 2** Current tasks

#### □ Country review open

Countries that still need ABS/Nagoya relevance decisions.

- 3 open country checks for projects
- PanAIRE
  - India
- AIMARIA
  - Antarctica
- AIMARIA
  - Central African Republic

## Scope & evaluation

Projects where scope information is missing or where scope needs to be evaluated by the ABS team.

- 3 projects with missing scope (researchers)
- 3 projects with scope ready for ABS review
- Actinomycetoma

ABS review pending

Nagoya Phase 3

ABS review pending

Nagoya Phase 4

ABS review pending

MEPphos

waiting for scope from PI

NFDI4Microbiota 2nd proposal

waiting for scope from PI

#### Permits

Projects with open permit processes and permits that still need ABS validation.

- 2 projects with permits needed/requested
- 1 projects with granted permits to validate
- Ecosystems

permits in progress

Nagoya Project

permits in progress

Nagoya Project

validation by ABS team pending



# The Nagoya Dashboard gives Daniel an overview

# ... on all relevant projects



#### Nagoya-relevant projects

All projects with Nagoya/ABS tracking enabled, including A/B/C labels and permit status.

Search:		xLs Excel	
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PROJECT	NAGOYA STATUS	LABEL	COUNTRIES (ABS)	PERMITS
Nagoya 2			₩ 3	-
NFDI4Microbiota 2nd proposal			⊕ 2	-
MEPphos	Q* Researcher input required		⊕ 2	-
Nagoya Project	Permits pending	А	⊕ 2	7 (3 open)
Ecosystems	Permits pending	В	⊕ 2	2 (2 open)
AIMARIA	ি Country review pending		-	-
PanAIRE	ি Country review pending		<b>(</b> 1	-
BlueLipids	○ Compliant	Α	<b>(</b> 1	2
Nagoya Phase 4	Awaiting ABS evaluation		⊕ 2	-
Nagoya Phase 3	Awaiting ABS evaluation		⊕ 2	











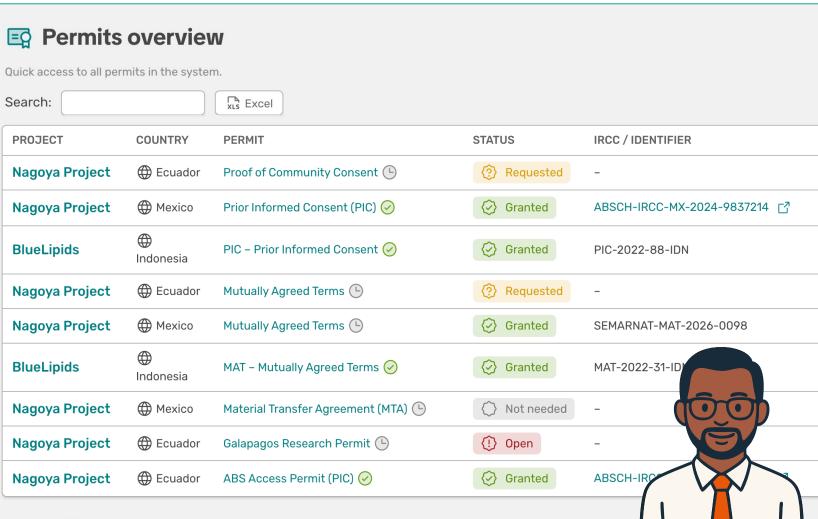
# The Nagoya Dashboard gives Daniel an overview

# ... on countries and permits



**Daniel** 

© Countries overview
Quick access to projects per country.
Search: XLS Excel
COUNTRY
Mexico 5 projects • B: 1
El Salvador 4 projects
4 projects · V 1 · 🖹 3 permits open
Brazil 1 projects
Thailand 1 projects • B: 1 • 2 permits open
Chile 1 projects • C: 1
«   Showing 1 to 6 of 12 entries

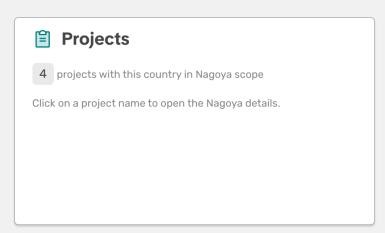


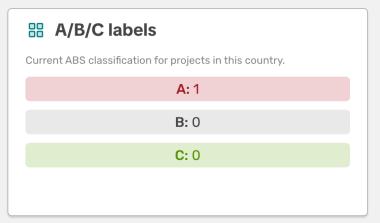


# **Country overview page**

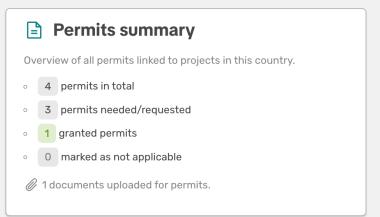
#### ← Back to dashboard

This page lists all Nagoya/ABS-relevant projects for this country, including A/B/C labels and permits. Use this overview for internal ABS checks and BfN reporting.

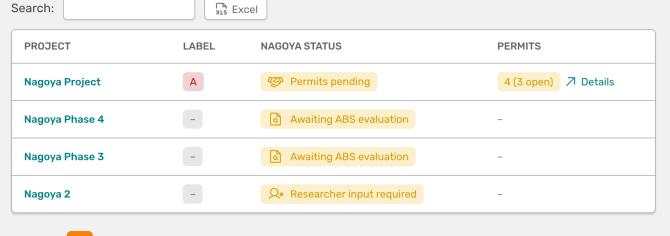




Showing 1 to 4 of 4 entries

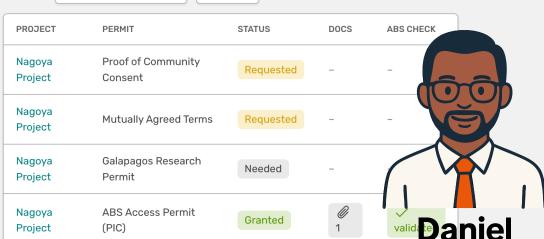


#### Projects with ABS relevance in this country





Search:

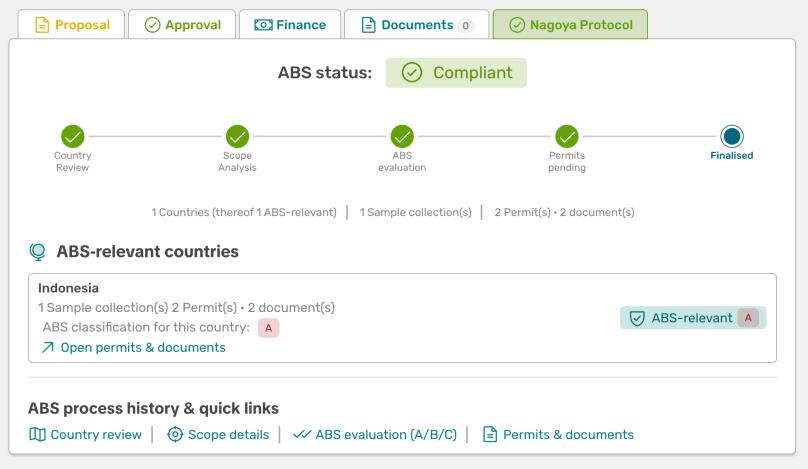


xLs Excel





#### **Proposal details**





Thank you for your attention!



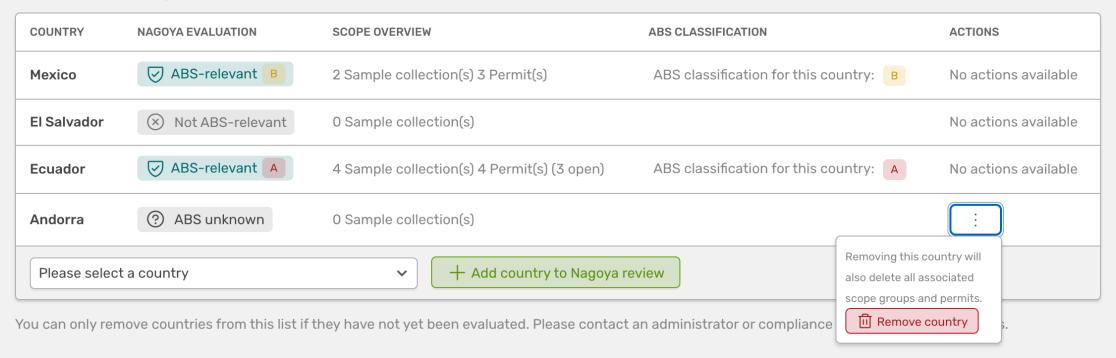
# **APPENDIX**



# **Editing countries afterwards?**



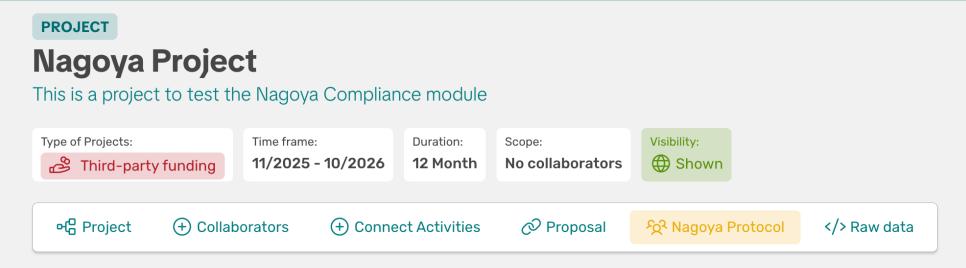
## **Edit Nagoya Countries**



- Lisa can only remove countries that have not been evaluated yet
- Daniel can remove any country
- Adding a new country will set the status back to Country review pending

# Nagoya Tab is also visible in the Project





#### **Nagoya Protocol**

