

# Digital Sequence Information on Genetic Resources under the CBD and the Nagoya Protocol

Secretariat of the Convention on Biological Diversity

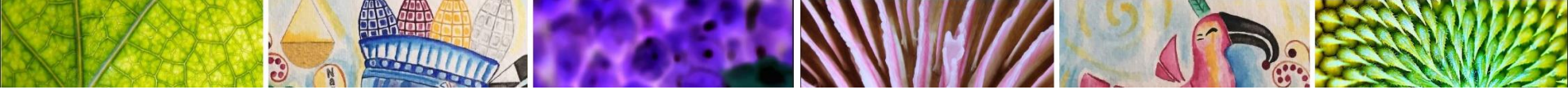


# Outline

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- Background
- Outcomes from COP 14 and COP-MOP 3
- Overview and outcomes of process for 2019-2020





# Background

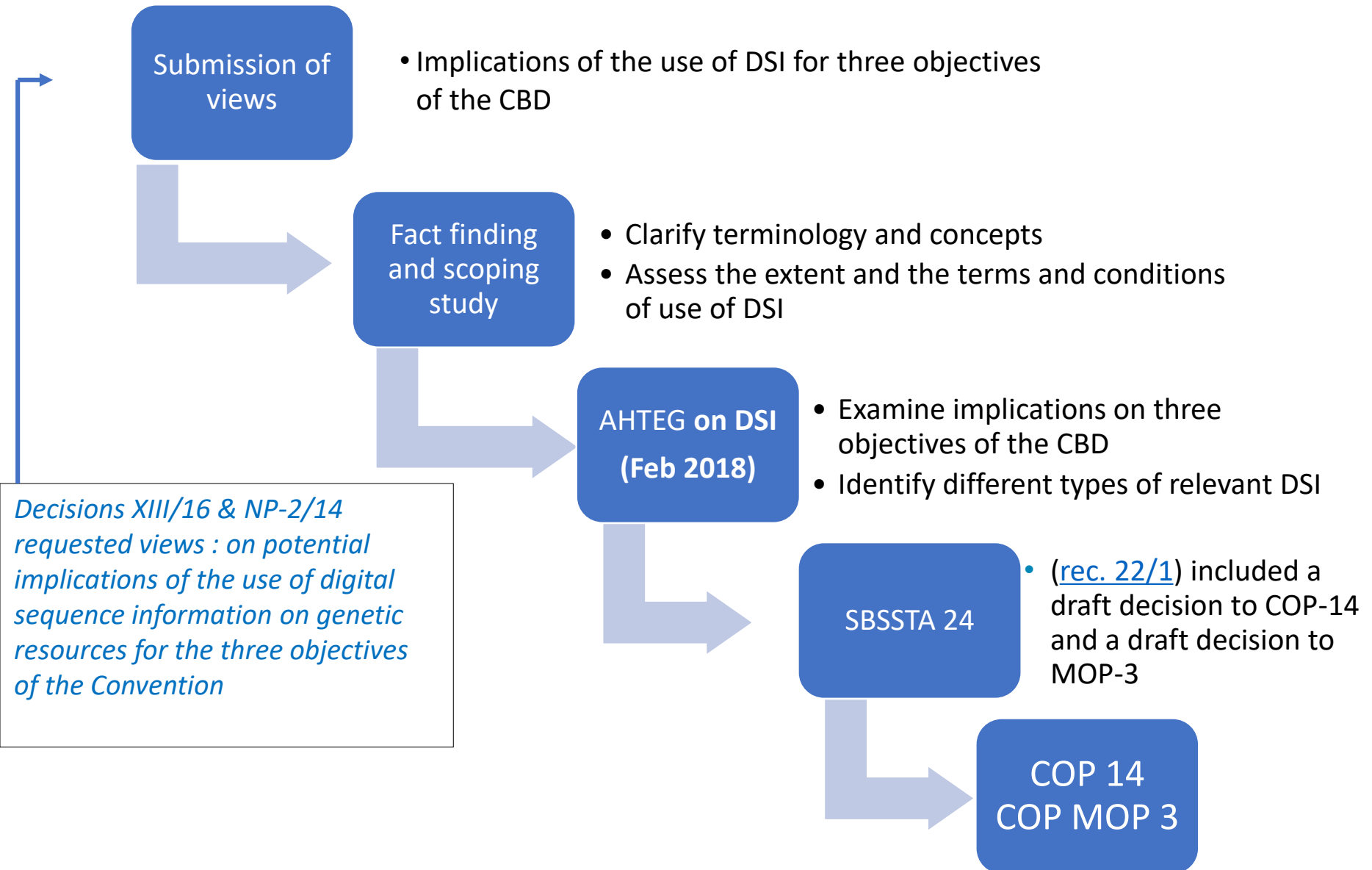
## December 2016, Cancun, Mexico:

- DSI emerged at COP 13 and COP-MOP 2

## Outcomes:

- Process established by COP-13 ([COP XIII/16](#)) and COP-MOP-2 ([NP-2/14](#)) to address the cross-cutting issue of “digital sequence information on genetic resources”
- In these decisions, Parties decided to consider at COP-14 and MOP-3 **any potential implications of the use of DSI on genetic resources for the three objectives of the Convention and the objective of the Nagoya Protocol**

# DSI process in 2017-2018







# Outcomes on DSI from UN-Biodiversity Conference 2018

COP 14 [decision 14/20](#)

COP-MOP 3 [decision NP-3/12](#)



## COP recognized:

- The importance of DSI on GR for the 3 objectives of the CBD
- That access to and use of DSI on GR contributes to scientific research as well as to other non-commercial and commercial activities
- That further capacity to access, use, generate and analyse DSI is needed in many countries

**As there is a divergence of views among Parties regarding benefit-sharing from the use of DSI, Parties committed to working towards resolving this divergence through a science and policy based process established for this biennium (2019-2020)**

# DSI process in 2019-2020

Submission of views by  
1 June 2019

- Received from 17 parties, 1 non-party, 20 organizations and stakeholders
- Synthesis submitted to AHTEG

Peer reviewed studies posted  
Nov/Dec 2019

- 4 studies (condensed to 3)
  - Concept, Scope & Use
  - Databases & Traceability
  - Domestic Measures

**AHTEG on DSI  
17-20 March  
2020 (virtual)**

- Develop options for operational terms
- Identify key areas for capacity building

*Decision 14/20 requested views:*

- 1. clarify the concept, terminology scope of DSI;*
- 2. domestic measures on access & benefit-sharing consider DSI;*
- 3. benefit-sharing arrangements from commercial & non-commercial use of DSI;*
- 4. capacity-building needs regarding the access, use, generation & analysis of DSI*

OEWG 3  
2<sup>nd</sup> Q 2021

- How to address DSI on GR in the post-2020 global biodiversity framework

COP 15 COP  
MOP 4  
2<sup>nd</sup> Q 2021

- The outcomes of the OEWG3 will be considered by COP 15 and COP MOP 4



# Process on DSI in 2019-2020

DIGITAL SEQUENCE INFORMATION ON GENETIC RESOURCES

DIGITAL SEQUENCE INFORMATION ON GENETIC RESOURCES

WHAT HAS BEEN DONE

2017-2018 INTER-SESSIONAL PERIOD

2019-2020 INTER-SESSIONAL PERIOD

> Submissions

> Studies

> AHTEG

DECISIONS AND DOCUMENTS

DIGITAL SEQUENCE INFORMATION ON GENETIC RESOURCES // STUDIES

THURSDAY // 12.3.2020



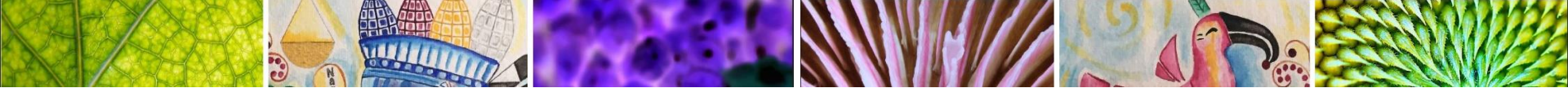
## 2019-2020 inter-sessional period

### Studies on Digital Sequence Information on Genetic Resources

In decision 14/20 (paragraph 11 (b) to (e)) the Parties requested the Executive Secretary to commission studies on the following issues:

- Study 1: Peer reviewed science-based fact-finding study on the concept and scope of digital sequence information on genetic resources and how digital sequence information on genetic resources is currently used building on the existing fact-finding and scoping study
- Study 2: Peer reviewed study on ongoing developments in the field of traceability of digital information, including how traceability is addressed by databases, and how these could inform discussions on digital sequence information on genetic resources
- Study 3: Peer reviewed study on public and, to the extent possible, private databases of digital sequence information on genetic resources, including the terms and conditions on which access is granted or controlled, the biological scope and the size of the databases, numbers of accessions and their origin, governing policies, and the providers and users of the digital sequence information on genetic resources and encourages the owners of private databases to provide the necessary information

The peer reviewed studies are available at  
<https://www.cbd.int/dsi-gr/2019-2020/studies/>



# Process on DSI in 2019-2020

## Meeting Documents

### Ad Hoc Technical Expert Group on Digital Sequence Information on Genetic Resources

17 - 20 March 2020 - Online

Outcomes (1) Official (8) Information (2) Notifications (1) Other (1)

#### Final Report

CBD/DSI/AHTEG/2020/1/7

Report of the Ad Hoc Technical Expert Group on Digital Sequence Information on Genetic Resources

 English

 English

Document and final report available at

<https://www.cbd.int/meetings/DSI-AHTEG-2020-01>



# Open-ended Working Group

OEWG on post 2020 Biodiversity Framework is requested to

- consider the outcomes of the AHTEG and to make recommendations to COP 15 on **how to address DSI on GR in the context of the post-2020 global biodiversity framework;**
- submit the outcome of its deliberations for consideration by COP-MOP 4





# Thank you

For more information on ABS and the Nagoya Protocol:

[www.cbd.int/abs](http://www.cbd.int/abs)

