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SUSTAINABLE  
DEVELOPMENT  
GOALS


# FAO Report to ERFP Working group on Information and Documentation

August 2023 – August 2024

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1



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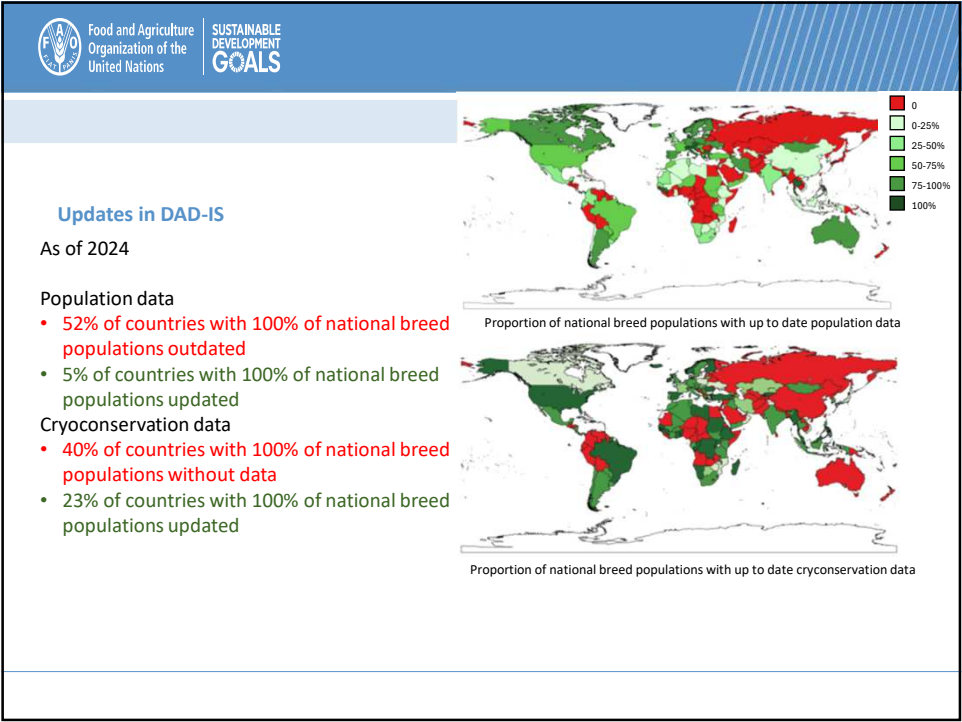
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Overview

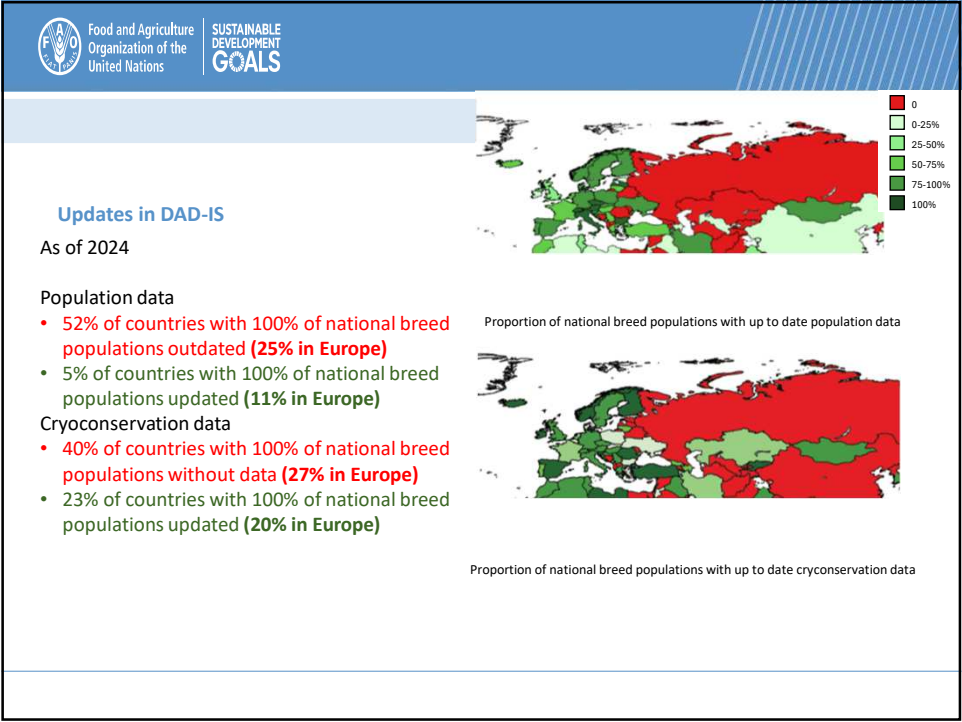
## Overview

- Status of reporting in DAD-IS
- New DAD-IS development
- 3<sup>rd</sup> State of the World Report process
- 13<sup>th</sup> session of the ITWG on Animal Genetic Resources for Food and Agriculture
- Call for action

2



3




4

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Overview

Most recent updates in DAD-IS



In Europe and the Caucasus

- Out of 56 countries and territories, 24 made relevant updates to DAD-IS in 2024 (as of 1<sup>st</sup> of August), and 10 in 2022-2023

5

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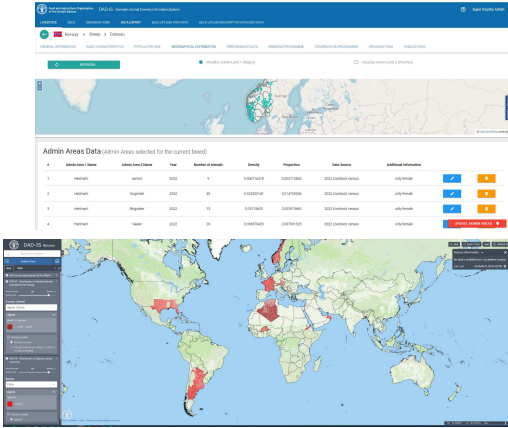
Overview

New DAD-IS developments

DAD-IS Geographical Distribution Tool

- Manual and bulk upload data entry *(tested and released)*
- Visualisation tools tested *(tested and released – 1000 thanks for the data)*
- User and data entry manuals *(under preparation - 3 languages)*


➤ **Data provided by 17 countries**



6

7

8



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Overview

### New DAD-IS developments

Effective population size (*data entry and specific export released*)

- Year (aaaa)
- Estimate (numeric)
- Data source category (demographic/genomic/pedigree)
- Method (textual)
- Reference (textual)

9



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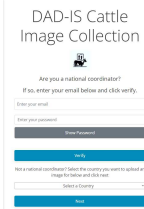

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### DAD-IS related developments


Breed recognition tool


- Use of an AI process using an image database to allow breed recognition
- Multiple challenges (breed definition, establishment of database)
- Test implemented with cattle
- Need for pictures!  
(only 5 breeds with more than 100 pictures)
  - National Coordinators
  - External contributors  
(with validation procedure)



Credit picture: Hans Hinrich Sambrus, Jersey Canada, DAD-IS

10

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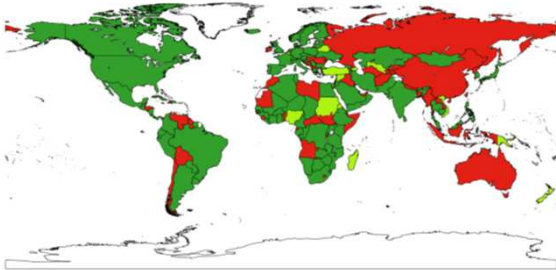
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Overview


3<sup>rd</sup> State of the World Report process


As of 02/08/24

- 122 countries connected, and out of them 104 submitted their questionnaire
- In Europe: out of 51 countries, 34 connected out of which 30 submitted



The boundaries and names shown and the designations used on these map(s) do not imply the expression of any opinion whatsoever on the part of FAO concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers and boundaries. Dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

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European countries with challenges in reporting

Country	Last update in DAD-IS	SoW3 reporting	Country	Last update in DAD-IS	SoW3 reporting
Estonia	2018	Yes	Albania	2014	No
Belgium	2024	Connected only	Armenia	2006	No
Azerbaijan	2022	Connected only	Bosnia and Herzegovina	2006	No
Malta	2023	No	Israel	2006	No
Hungary	2023	No	Moldavia	2012	No
Ireland	2021	No	North Macedonia	2006	No
Romania	2020	No	Russian Federation	2006	No
Belarus	2006	Connected only			

- Different challenges and potential explanations according to countries

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### 13<sup>th</sup> session of the ITWG on Animal Genetic Resources for Food and Agriculture

- Planned dates: 20-22 November 2024
- + Global National Coordinator Workshop: 18-19 November
- Main issue to be addressed
  - the status of implementation of the Global Plan of Action for Animal Genetic Resources,
  - monitoring the diversity of AnGR (includes DAD-IS);
  - the status of preparation of the *Third Report on the State of the World's Animal Genetic Resources for Food and Agriculture*; and

13

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GOALS

Call for Action

- Reporting for SOW3 closed for ITWG reports, however still open (including for update) for SOW3 document until April 2024
- Please update DAD-IS and the ALL the new data fields you requested
- Please send cattle pictures (<https://cattle-image-retrieval-microservice-tzpoevo4wq-ew.a.run.app/>) (task for Info&doc WG?)

- If you have questions contact:
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14