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GOALS


# FAO Report to ERFP

September 2021 – August 2022

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Overview

### Overview

- Requests from the 18<sup>th</sup> Session of the CGRFA
- Activities undertaken by FAO
- DAD-IS/EFABIS development
- 12<sup>th</sup> Session of the ITWG-AnGR
- Take home messages and contacts

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Overview

### Requests from the 18<sup>th</sup> Session of the CGRFA related to AnGR

- 27 September – 1 October 2021
- called upon countries to continue implementing the Global Plan of Action and to place emphasis on the conservation of AnGR, and
- requested FAO to provide complementary technical and policy support
- requested the Working Group to discuss, the implementation and monitoring of SDG Indicator 2.4.1 (Proportion of agricultural area under productive and sustainable agriculture)

- requested FAO to invite countries to report on projects that contribute to the implementation of the Global Plan of Action (GPA)
- requested FAO to finalize and disseminate Draft practical guide on innovations in cryoconservation of animal genetic resources and the Draft practical guide on genomic characterization of animal genetic resources
- requested FAO to further maintain and develop DAD-IS/EDABIS...

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### Activities undertaken by FAO

- Technical support provided trough more than 10 projects and LoAs, focus on developing countries & countries with economics in transition
- Discussed with IAEG-SDGs link with SDG Indicator 2.4.1 – definition for locally adapted breeds adopted by the CGRFA is now part of metadata description
- All NCs were invited via e-mail (sent from ITWG mailbox on 21 July) to report on GPA related projects (and to update DAD-IS)

- Both practical guides, on innovations in cryoconservation and on genomic characterization, are undergoing the “layout” process and will be made available online prior to the ITWG meeting
- A series of webinars has been organized to disseminate the content of the cryoconservation guidelines and a similar series is planned for the genomic characterization guidelines

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DAD-IS/EFABIS development

▪ Several requests from the 18<sup>th</sup> Session of the CGRFA refer to DAD-IS EFABIS

▪ Activities undertaken by FAO included

- (i) development of DAD-IS tools for visualizing data on the diversity of managed **honey bees** (presented to ERFP already last year);
- (ii) improvement of data entry of DAD-IS data fields related to **ecosystem services** and publicly available information on breeders, producers and breeding **organizations**;
- (iii) automatic language translation of DAD-IS

content, that is text fields provided by National Coordinators, from and to English, Spanish French and **Russian**;

- (iv) improved **interoperability** with other database (DAD-IS breed list has been made interoperable with the Online Mendelian Inheritance in Animals database) and
- (iiiiv) improved options for exporting selected metadata data.

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DAD-IS/EFABIS development

▪ Direct support provided related to DAD-IS data / data entry included

- a series virtual **training workshops** held in July, September and November 2021, and
- continued **translation of training materials** into other UN languages (with videos on *How to use DAD-IS* and *Trends in risk status* now also available in French and Spanish, and the *User Manual* and *Data entry: A quick guide for National Coordinators* made available in Russian in addition to En, Fr & Span)




Документы:


- руководство пользователя
- инструкция по вводу данных в систему для национальных координаторов

- FAO continued to assist countries in accessing existing data, **estimating population sizes** and entering data into DAD-IS.
  - Argentina, Indonesia and five countries in Northern Africa received direct support.
  - FAO contracted Apimondia, the International Federation of Beekeepers' Associations, to provide direct support to collect and enter data into DAD-IS related to the **diversity of managed bees** for food and agriculture. Five countries in Asia and Africa received this support.

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### DAD-IS/EFABIS development


- FAO supported countries by developing a **simplified procedure of data entry** by the NC-AnGR and offering support to upload data on uses and ecosystem services on behalf of the NC-AnGR.
- Answers were received from 41 countries (18 from Europe, 13 from Africa, 4 from Latin America, 3 from Asia, 2 from Near East and 1 from Pacific).

- This correspond to 4325 national breed populations, 3897 with adaptedness classification updated.

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### DAD-IS/EFABIS development

- In collaboration with respective national experts and Bureau members, the Secretariat of the ITWG and the FAO Office of the Chief Statistician (OCS), which oversees the development and validation of SDG indicators under FAO custodianship, prepared a document proposing the **broadening of the SDG indicator 2.5.1b, to include all breeds registered in DAD-IS.**
- Document formally approved by the Inter-agency and Expert Group on SDG Indicators (IAEG-SDG),

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### DAD-IS/EFABIS development

- What needs to be done next by FAO?
  - Amendments of DAD-IS to allow reporting  
SDG indicator 2.5.1b for all breeds registered  
in DAD-IS
  - Visualization tools for ESS
  - Distribution of breeds within country
  - Translations to be continued and improved  
(Russian)
  - Assist countries with estimation of population  
sizes – document to be shared with NCs for  
inputs

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Data export

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Choose type of data

Type of data  
Metadata

Please choose the desired metadata categories

☒ General

☐ Characteristics

☐ Uses and ecosystem services

☐ Breed Classification

☐ Performances

☐ Risk status

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Choose country and/or species

Country  
All countries

Species  
All species

Improved options for data export


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Roswitha Baumung, FAO


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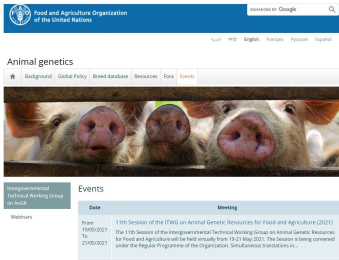
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### 12<sup>th</sup> Session of the ITWG-AnGR Intergovernmental Technical Working Group on Animal Genetic Resources


- 18-20 January 2023 (hybrid most likely)
- Topics to be discussed may include:
  - Status of implementation of GPA
  - Monitoring the diversity of animal genetic resources
  - Preparation of The Third Report on the State of the World's Animal Genetic Resources for Food and Agriculture

Here you will find the relevant documents:


<https://www.fao.org/animal-genetics/events/intergovernmental-technical-working-group-on-angr/en/>



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### Take home messages and contact details

- ERFP is part of a global network with NSAG representing the GLOBAL FOCAL POINT
- FAO assists you in implementing the GPA-AnGR
- Chanel your requests to FAO through the ITWG-AnGR and the CGRFA
- Be active in the ITWG-AnGR to make your voice heard
- Update and use YOUR DAD-IS/EFABIS

- Contact us if you have questions or need help!
- [Paul.Boettcher@fao.org](mailto:Paul.Boettcher@fao.org)
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