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EC/PGR Steering Committee, 15-17 May 2018 Thessaloniki

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SDG GOAL, TARGET & INDICATOR



Goal 2 is to end hunger, achieve food security, improved nutrition and promote sustainable agriculture.

Target 2.5 is concerned with genetic resources for food and agriculture:

"By 2020, maintain the genetic diversity of seeds, cultivated plants and farmed and domesticated animals and their related wild species including through soundly managed and diversified seed and plant banks at the national, regional and international levels,

and

promote access to and fair and equitable sharing of benefits arising from the utilization of genetic resources and associated traditional knowledge, as internationally agreed."



INDICATOR FOR PLANT GENETIC RESOURCES

Target 2.5 is measured by:

Indicator 2.5.1: Number of plant and animal genetic resources for food and agriculture secured in either medium or long term conservation facilities

and

Indicator 2.5.2: Proportion of local breeds classified as being at risk, not-at-risk or at unknown level of risk of extinction



INDICATOR METHODOLOGY - 2.5.1

2.5.1. Number of plant and animal genetic resources for food and agriculture secured in either medium or long term conservation facilities

- Monitoring framework endorsed by FAO Commission on <u>Genetic Resources for Food and Agriculture (GRFA)</u>: status and trends of GRFA described through globally agreed indicators and country-driven assessments
- Indirect measurement of the total genetic diversity secured for future use
- Positive variations approximated to an increase in the agrobiodiversity secured, while negative variations to a loss of it

INDICATOR - 2.5.1

2.5.1. Number of plant and animal genetic resources for food and agriculture secured in either medium or long term conservation facilities

- Tier I indicator (methodology defined and data available)
- Under FAO custodianship
- Through the FAO World Information and Early Warning System on PGRFA (WIEWS) - the plant component
- Through the Domestic Animal Diversity Information System (DAD-IS) - the animal component



INDICATOR METHODOLOGY - 2.5.1 PLANTS

What to report?

Accession-level information for 13 MCPD descriptors of all *ex situ* collections kept under medium- or long-term storage conditions in the country.

It should include <u>all base collections</u> and the active collections which are not part of the base yet or that are also held for conservation purposes.

AVOID DUPLICATE REPORTING!!!



INDICATOR METHODOLOGY - 2.5.1 PLANTS

Who reports, when and to who?

- Officially appointed National Focal Points (NFP) for plant genetic resources can report directly to WIEWS. NFP can also delegate others to report on separate collections. Data reported to WIEWS by countries and international centres are official.
- Reporting is on an annual basis (January)
- To FAO WIEWS (<u>wiews@fao.org</u>)

INDICATOR METHODOLOGY - 2.5.1 PLANTS

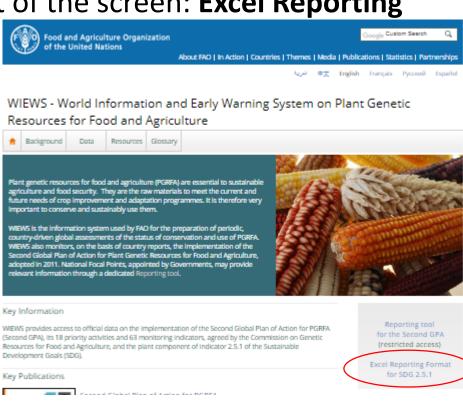
How to report

2 OPTIONS

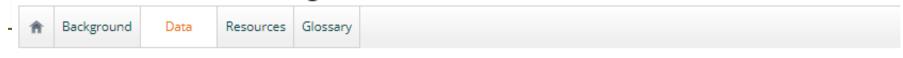
By notifying the address of the on-line database where the required information can be downloaded (e.g. EURISCO or GENESYS)

By filling an Excel template downloadable from WIEWS home page (at www.fao.org/wiews see on the right of the screen: **Excel Reporting**

Format for SDG 2.5.1)



WIEWS - World Information and Early Warning System on Plant Genetic Resources for Food and Agriculture

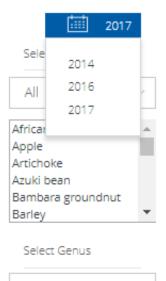


Ex Situ (SDG 2.5.1) - Overview

The conservation of plant genetic diversity plays a crucial role in food security as recognized by the Second Global Plan of Action for Plant Genetic Resources for Food and Agriculture, and the Sustainable Development Goal 2, Zero Hunger, under its Target 2.5.

WIEWS provides access to official data on the implementation of the Second Global Plan of Action for Plant Genetic Resources for Food and Agriculture, and on the plant component of SDG indicator 2.5.1 Number of plant and animal genetic resources for food and agriculture secured in either medium or long term conservation facilities.

Information on plant genetic resources secured in genebanks (ex situ) can be viewed as metadata on this page. For accession-level information of the ex situ holdings use the advanced search.



All

Abelmoschus

Artocarpus Avena

Ex Situ Holdings

Regions	Accessions	Genera	Species	Gene Banks	Countries
Africa	280,005	1,501	4,389	39	20
Americas	921,073	2,747	15,017	126	12
Asia	709,130	1,549	5,609	54	20
Europe	1,871,212	5,977	39,422	334	36
Oceania	258,941	731	3,848	4	2
Regional	51,259	384	714	6	-
International	800,525	614	3,436	12	-
TOTAL	4,892,145	6,946	50,810	575	90

Anethum
Apium
Arachis # Accessions by Status

% Accessions by Storage



More on this, on the preparation on

THE THIRD REPORT

on the STATE of the WORLD's PGRFA

and more... at the forthcoming

9th Session of the Intergovernmental Technical Working Group on PGR

Rome 25 – 27 July 2018

Looking forward to seeing you!

THANK YOU!