

Technical report -2020

WP number: 2 Database establishment and data integration

O2.1 Assignment of DOIs as unique identifiers

BRGV Suceava registered a consistent number of accessions for DOI through EURISCO. Previously, a planttreaty account was created to have the PID code needed to generate DOI by the GLIS system.

Task 3.1 Development of the central data-management infrastructure

This task was accomplished according to the deliverable D2.1 Workflow on place for assignment of DOIs as unique identifiers. The national focal point compiled the list from germplasm collection and requested DOI from EURISCO. The EURISCO coordinator has done the registration on behalf of the national focal point and then sent them back to BRGV Suceava. The national focal point assigned DOI in the germplasm collection and maintains DOI with accession passport data.

WP number: 3 - Sampling core collections, SSD development, DNA extraction and seed distribution

O3.1 Establishment of nested-core collections (Intelligent Collections) of chickpea, common bean, lentil and lupin

BRGV Suceava (P15) contributed to the establishment of the study collections of the project by providing a selection of lupin and lentil accessions from its own germplasm fund.

Task 3.1 Sampling and assembly of collections

For the Intelligent Collections, BRGV Suceava provided 24 lupine, 22 lentil, 1 chickpea and 305 common bean seed accessions from the active collections. The material itself was accompanied by all available passport data, and transfers were made based on the Easy SMTA, after assigning DOIs.

Task 3.2 Development of genetically purified accessions and DNA extraction

No action until now. As soon as SSD seed samples will be get by other partners, the common bean accessions will be sent for conservation in our Genebank.

WP number: 6 - Germplasm management

Task 6.2: INCREASE Intelligent Collections conservation and current status and innovative solutions of the best practices of germplasm management

At this moment, BRGV Suceava (P15) has the necessary facilities and spaces for the entire seed samples processing chain, in order to preserve the SSD lines of common beans, in the medium and long term conditions. The working protocol for the ex situ conservation of orthodox seeds has been prepared, according to FAO Gene Bank standards.

Task 6.3: Germplasm management and connection between in-situ/on farm and ex-situ collections

BRGV Suceava (P15) has a long experience regarding exploration and collection expeditions and uses for the information related to the seed samples the passport descriptors recommended by IPGRI.

The selection of areas that could be the subject of future expeditions is ongoing, in order to edit an inventory of local varieties still existing in culture.

Task 6.4: Citizen Science and decentralised conservation-testing tools

An information action was started regarding the development of the Citizen Science experiment, based on older collaboration relations with some people who benefited from biological material offered by BRGV Suceava, within a program of distribution of traditional varieties.

WP number: 7 Communication, dissemination and exploitation

O7.1: Communication, creating visibility and encouraging Project outreach.

Objective 7.1 was in the attention of the entire research team involved in the activities organized within the project. Despite the difficulties caused by the Pandemic situation, the communication and visibility of the project did not suffer.

The information was disseminated through the Internet, through the reports of the Institution and various scientific papers and brochures published by BRGV Suceava.

Task 7.1: Project communication

Considering the special situation in which the activities took place, until now, BRGV Suceava took part in all the organized videoconferences and ensured the communication of the information through the Internet, on the institution's website or through Social Media.

A section dedicated to the project was created on the institution's website and the promoting materials received from the project manager were uploaded on:

English pages:

<https://www.svgenebank.ro/increase.asp>

https://www.svgenebank.ro/increase_en_lansare_vino_cu_noi.asp

https://www.svgenebank.ro/increase_en_devino_cetatean_de_stiinta.asp

Romanian pages:

https://www.svgenebank.ro/increase_ro.asp

https://www.svgenebank.ro/increase_ro_lansare_vino_cu_noi.asp

https://www.svgenebank.ro/increase_ro_devino_cetatean_de_stiinta.asp

Task 7.2: Dissemination, outreach to the scientific community

Starting right from the launch of the project, most of the materials were translated into Romanian before being posted either on the institution's website or, also, on the official Project Platform (<https://increase.eurice.eu/issues/198>). This information was promoted on the institution's official social media account (<https://increase.eurice.eu/issues/199>).

The first, second and third clips from the "Citizen science experiment", together with explanations about the importance of agrobiodiversity, can be found translated on the institution's website and the official social media account and it's been noted on Dissemination activities in the project reporting platform at the following links (<https://increase.eurice.eu/issues/200>) (<https://increase.eurice.eu/issues/201>) (<https://increase.eurice.eu/issues/393>).

An open invitation to people who follow us on social media to the CSE project was described on the BRGV Facebook account with references to the experiment section on the INCREASE website (https://www.facebook.com/permalink.php?story_fbid=4099186426766734&id=909343102417765) (https://www.facebook.com/permalink.php?story_fbid=4099224823429561&id=909343102417765) (https://www.facebook.com/permalink.php?story_fbid=4099230173429026&id=909343102417765).

This experiment was described to other possible users and amateur gardeners, during video conferences organized in Romania, and links with information, in Romanian language, from the official website of the project, pulsesincrease.eu, was sent, to the conference organisers.

There was also an radio interview with Mrs. Silvia Strajeru, director of BRGV Suceava about the Citizen Science experiment on a regional station: www.radioiasi.ro.

The interview is in Romanian and was illustrated with images from the INCREASE videos and posted on BRGV's Facebook account. (<https://www.facebook.com/watch/?v=495736455136143>).

An manual of preregistration was posted on BRGV website to come in aid of users unfamiliar with android applications (https://svgenebank.ro/manual_INCREASE_CSA.pdf).

Task 7.3: Joint activities with other projects

A presentation of the INCREASE project was made in the Bank's new brochure, published by Suceava Genebank towards the end of 2020 year (<https://increase.eurice.eu/issues/202>).

Task 7.4: Capacity building and training

Based on the training received from the FAO expert, together with our IT specialist, the institution's representative in WP2, the allocation of DOI identification numbers was performed for most seed samples in collections.

For the seed samples sent to the project partners, the new Easy SMTA forms were used.