
SI Baltic Sea Neighbourhood Programme – Seed funding and cooperation projects

Enclosure 5: Partner letter

Call for funding 2022/2023 with application deadline 2 March 2023.

Background

This document is a template for the partner letter to be used along with applications for project funding in calls within the SI Baltic Sea Neighbourhood Programme. The partner letter confirms support from your organisation to the project application. It also offers a possibility to develop your expectations with the project and what your contribution will be.

Instructions

The template provided in the document (see next page) should be completed, signed and e-mailed to the main applicant for the project you apply for, not to SI. The main applicant is responsible for forwarding the partner letter to SI.

All project partners, except the main applicant are obliged to use this form. The main applicant instead fills in enclosure 4 Organisation description.

The partner letter:

- Must be signed and scanned to PDF format (but do NOT include this instruction page)
- Could be signed digitally
- Only represents one (1) organisation per enclosure

How to use this document

- This document is password protected. You can only type in the textboxes.
- You can fill in any textbox by clicking in it or move around by pressing the “Tab” key or using the arrow keys.
- Please note that the textbox limits below refer to characters including blank spaces.

1. Title of the project application to the Swedish Institute (SI)

Title of project OR acronym (same as in application to SI)

SORG4NOBAL

Name of main applicant organisation, based in Sweden

Swedish University of Agricultural Sciences

2. Details of the partner organisation and contact person

Name of organisation:

Plant Breeding&Genetics Institute-National Center of Seed and Cultivar Investigation

Department/unit/section:

Laboratory of Plant Biochemistry

Country:

Ukraine

Contact person, Name:

Molodchenkova Olga

Contact person, Title:

Doctor of Biological Sciences, Head of Laboratory

Contact person, E-mail:

olgamolod@ukr.net

3. Relevance

Briefly summarize how this project is in line with activities, goals and competence of your organisation as well as with national, regional and local strategies relevant to your organisation.

Maximum 2000 characters

The Plant Breeding and Genetics Institute – National Center of Seed and Cultivar Investigation (PBGI-NCSCI) is one of the leading centers of agricultural science in Ukraine. The Institute is the Coordination center of scientific researches on the plant breeding of cereals and legumes, biotechnology and genetics in the plant cultivation. The main directions of the research and innovative activity are: the development of topical issues of the theory of breeding, seed production for the purposes of scientific support and improvement of the breeding process; the breeding of varieties and hybrids of winter bread and durum wheat, winter and spring barley, maize, sorghum, sunflower, soybean, pea, chickpea and alfalfa; the production and sale of pre-basic and basic seed of agricultural crops. Since the foundation of the Institute over 400 new varieties and hybrids have been bred. More than 30 varieties and hybrids of forage and grain sorghum have been bred. All these varieties were widely grown in Ukraine on area around 3-4 million hectares. They are characterized by high productivity, grain and seed quality, complex resistance to diseases, resistance and tolerance to abiotic environmental factors. The scientists of the institute elaborate the national standards, which regulate the seed production of agricultural crops. To succeed in the plant breeding in the Institute carries on the intensive theoretical studies of the genetic basis of plants ontogenesis, the factors, that influence on production process, the methods of improve end use production of agricultural crops, the basis of plant tolerance on the action of biotic and abiotic stress factors, disease resistance, the methods of increasing the genetic variation and creating original initial material for breeding programs.

4. Contribution of your organisation

Briefly summarize your organisation's expected contribution to the project.

Maximum 1000 characters

One of the directions of the research and innovative activity of PBGI-NCSCI is the development of topical issues of the theory of breeding, seed production for the purposes of scientific support and improvement of the breeding process; the breeding of varieties and hybrids of sorghum. There are 5 types of sorghum in the register of permitted varieties, including common, sugar, technical, and Sudan grass. The PBGI-NCSCI conducts a molecular genetic analysis of sorghum genotypes, biochemical analysis for the quality of sorghum seed and vegetative mass, including content of protein, fiber, starch, sugars, tannins, component composition of sugars, digestibility of protein and starch, etc. The project will contribute to the capacity for research in order to accelerate sorghum breeding programs towards food and nutritional security, feed, bioethanol, solid biofuels production.

5. Added value for your organisation

Briefly summarize the added value your organisation gains from participating in this project.

Maximum 1000 characters

Establishing a collaboration between Ukrainian and Swedish researches groups that have areas of expertise that are highly related and complement each other. Acquiring knowledge about high throughput phenotyping, speed breeding and the development of molecular markers for traits associated with seed and vegetative mass of sorghum quality, including joint publication in international journals. Furthermore, this project contributes to the national development goal for sustainable agricultural research and breeding, directly contributing to the objectives of the National Agriculture Strategy. This project provides a basis for proposal submission to the other potential donors for enhancing Ukraine's sorghum breeding program.

6. Authorized signatory

(The authorized signatory cannot be the same as appointed contact person, see question 2 above)

Place and date:

27 February 2023

Organisation:

Plant Breeding&Genetics Institute-National Center of Seed and Cultivar Investigation

Full name (first name and surname) :

Vyacheslav M. Sokolov

Position/title:

Director of Plant Breeding&Genetics Institute-National Center of Seed and Cultivar Investigation

Signature: _____

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