

APPENDIX 1 - EXPLANATORY GUIDE TO THE OUTCOME MATRIX

This Explanatory Guide to the CFP-4 Outcome Matrix further elaborates the program targets. It provides information on the indicative outputs that the programme aims to achieve. The outputs described are those examples critical to the achievement of the overall programme outcomes and goal. They are not an exhaustive list of outputs; others could be added, or further developed by applicants in the development of their project proposals.

<i>Goal</i>	<i>Farmers around the world use and conserve adapted varieties leading to increased productivity and on-farm incomes, increased availability of diverse nutrient-rich food, reduced adverse impacts to the environment, & enhanced resilience to production shocks.</i> <i>Biodiversity for food security is safe-guarded for the future.</i>
Outcome 1: Farmers supported to maintain and conserve agrobiodiversity in areas vulnerable to climate change and food insecurity	
Target 1.1	<i>X number of farmers supported to sustainably use and conserve PGRFA</i>
	<p>The programme intends to reach a significant number of farmers through this outcome with farming communities as the main beneficiaries. The programme will promote an integrated approach to the management of agrobiodiversity by supporting farmers and vulnerable communities to expand on-farm use and conservation of local crop varieties and underutilized species.</p> <p>Projects contributing to Outcome 1 are expected to take place in: areas vulnerable to climate change; or, with high levels of rural poverty or food and nutrition insecurity; or areas of origin of PGRFA diversity.</p> <p>The programme will fund community actions to reintroduce, conserve and breed locally adapted varieties and establish community seed management and conservation systems. Local and indigenous knowledge and culture will be an integral part of these actions.</p>
Target 1.2	<i>X number of locally adapted varieties are re-introduced, conserved, disseminated or bred with farmers' participation</i>
	The programme will support activities that ensure that locally adapted varieties are re-introduced, conserved, disseminated or bred with farmers' participation. This includes farmers' evaluation and selection as well as participatory plant breeding. Partners will be encouraged to improve the management of crop wild relatives and neglected crops.
Target 1.3	<i>Seed systems enhanced to promote use of adapted varieties</i>
	Programme will support the development of seed production and dissemination systems, including the development of value chains for climate-smart seeds. Marketing and certification of agrobiodiversity products will be emphasized and the entrepreneurial capacity of farmers and their organizations in producing and selling quality seeds will be strengthened.
Target 1.4	<i>Local agricultural systems are diversified for enhanced resilience</i>
	The programme will pay particular attention to projects that will implement strategies for the diversification of local agricultural and food systems through the introduction and cultivation of a greater diversity (mixtures/ packages) of climate smart varieties along with initiatives to raise consumer awareness and demand for diverse varieties and products. Projects should take into account traditional farming and environmentally friendly practices, including farmers' management of local varieties to increase intra and inter specific variations as a means of ensuring more stable yields, resistance to diseases and pests, and increased availability of diverse products.

Outcome 2: Research and development is strengthened in the developing world and accelerated to produce climate ready crops	
Target 2.1	<i>X PGRFA characterized, phenotyped, evaluated, documented, pre-bred, for traits of importance to adaptation and resilience</i>
	<p>This outcome intends to fill gaps in the seed value chain by supporting research and development. As a result, new crop varieties, breeding lines or genebank material will be developed.</p> <p>The programme intends to support analysis of local varieties to identify traits of potential value, particularly those relevant for adaptation to climate change and research. New varieties that present resistances will be introduced, tested and multiplied in farmers' fields. The added-value information on PGRFA resulting from these activities should be systematized and made available to PGRFA holders, users and breeders.</p>
Target 2.2	<i>X PGRFA packages and tools (germplasm, information, know-how and technologies) are co-developed and transferred</i>
	It is expected that projects under the programme co-develop and transfer relevant technologies and tools to create, disseminate and deploy information and know how on scientific, technical and environmental matters related to PGRFA, including genotypic and phenotypic data. Lessons learnt from the development of these packages will provide models for non-monetary benefit-sharing under the Treaty.
Target 2.3	<i>X national institutions are supported to strengthen PGRFA information systems and contribute to GLIS</i>
	The programme will contribute to making available and deploy specialized tools for integrated data analysis and interpretation of germplasm, genomic and phenotypic data and strengthen national, regional and international data bases and PGRFA information systems.
Target 2.4	<i>X researchers, extension agents, national focal points, government workers and technicians trained through targeted capacity building</i>
	The programme intends to support targeted capacity building initiatives to fill gaps across the seed value chain and develop human capacity of Treaty stakeholders.
Target 2.5	<i>X young scientists, particularly women, supported to ensure a new generation of scientists have the knowledge and skills to take forward Treaty implementation</i>
	The programme intends to support the delivery of capacity building activities to developing country scientists so to ensure a new generation of researchers are supported on the delivery of non-monetary benefit-sharing.
CROSS CUTTING OUTCOMES AND TARGETS	
Outcome 3	The enabling environment for Treaty implementation is strengthened with increased funding available for the sustainability of project interventions
Target 3.1	<i>Each project has strategies in place for securing resources to scale up project interventions</i>
	To ensure sustainability and scaling up of results, each project will develop clear strategies for securing resources (including financial, human and institutional) beyond the project timeframe.
Target 3.2	<i>X million \$US co-funding mobilized to support the Treaty implementation through the Benefit-sharing Fund interventions</i>
	Selected projects should mobilize additional resources to those available in the CFP 4 through co-funding. Co-funding is encouraged as a means to support the delivery of the programme at a larger scale and produce greater impact. It is expected that the ability to mobilize co-funding

	will play a critical role in creating ownership, reinforcing partnerships on the ground and engaging in dialogue with national governments, multilateral agencies and the private sectors.
Target 3.3	<i>X plans and policies strengthened or developed to support national implementation of the Treaty</i>
	Projects should support implementation of national programmes, policies and plans related to PGRFA. It is expected that the selected projects will support the integration of PGRFA activities in sectoral or cross-sectoral national plans and policies and will positively influence national decision-making process in relation to PGRFA. This target will also contribute to enhancing the cooperation among and across different Contracting Parties, ITPGRFA-FAO and other international organizations.
Outcome 4	Enhanced equity and inclusion in the implementation of the programme
Target 4.1	<i>All projects explicitly integrate a gender focus in their design, implementation, monitoring and reporting to ensure women are recognized as major knowledge holders of PGRFA and play a crucial role in planned activities</i>
	The selected projects under the BSF programme will develop a gender-differentiated approach in the design, implementation, monitoring and reporting, to ensure that the role of women in agriculture is fully recognized. Projects will have to address equal access for men and women to resources and benefits provided through the projects, and ensure that the needs and rights of local indigenous communities and farmers are fully considered at all phases of project implementation.
Target 4.2	<i>Each project uses a needs and vulnerability assessment to identify and respond to the needs and interests of marginalized groups in project interventions</i>
	In order to ensure a better targeting of BSF programme and that the beneficiaries' needs are met, it is expected that funded interventions are developed through a needs-based perspective. It is therefore required that all projects shape their activities based baseline studies and vulnerability assessments.
Outcome 5:	Partnerships and collaboration strengthened and leveraged across the seed value chain, and within and across Contracting Parties of the Treaty
Target 5.1	<i>The program results in a strong consortia of Treaty stakeholders collaborating to enhance implementation and visibility of Treaty activities</i>
	The level of participation and collaborative engagement is critical to deliver meaningful impact of the programme. It is expected that the selected projects will optimize various forms of engagement and establish multiple level partnerships between local, national, regional or international partners that will bring in complementary skills, know-how and understanding of the local needs. The collaboration between a consortia of institutions dealing with PGRFA is expected to increase the dialogue and level of collaboration between Contracting Parties, thus contributing to the implementation and visibility of the Treaty.