



**Mainstreaming Biodiversity Conservation and Sustainable Use
for Improved Human Nutrition and Well-being**

(Biodiversity for Food and Nutrition Project – BFN Project)

Project Number GFL-0492 (UNEP)/606659(FAO) PMS: 3808

Half-Yearly Progress Report to UNEP-FAO-GEF

July- December 2018



**Food and Agriculture
Organization of the
United Nations**

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Half-Yearly Progress Report

Reporting Period: From: July 2018 To December 2018

1. PROJECT GENERAL INFORMATION

Project Title:	Mainstreaming Biodiversity Conservation and Sustainable Use for Improved Human Nutrition and Well-being
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Executing Agency:	Bioversity International
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Project partners:	<p>Ministerio do Meio Ambiente, Secretaria de Biodiversidade e Florestas (Brazil)</p> <p>Kenya Agricultural and Livestock Research Organization (Kenya)</p> <p>Ministry of Mahaweli Development and Environment/Dept. of Agriculture (Sri Lanka)</p> <p>General Directorate of Agricultural Research and Policies (Turkey)</p>
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Geographical Scope:	Global
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Participating Countries:	Brazil, Kenya, Sri Lanka and Turkey
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Project actual start date	UNEP - Nov 2012 FAO - Feb 2013	Project intended completion date	UNEP - March 2018 FAO - Sept 2018	Project expected completion date	June 2019
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2. PROJECT PROGRESS AND RISK MANAGEMENT

2.1 Narrative of project progress during the past semester¹

EXECUTIVE SUMMARY

With activities largely completed in all countries and data generated for **195** prioritised species and varieties, countries and the global project management unit have spent the last reporting period consolidating project results. Food composition data was made available on the national databases created by each country, while ethnobotanical information and traditional use was captured in a number of country publications such as the *Plants for the Future* series in Brazil, and recipe books in Brazil, Kenya, Sri Lanka and Turkey.

Highlights of the year include the revised food composition table for Kenya, which was launched in September 2018. At the global level, milestones include the finalization of the *BFN E-Learning Course, Mainstreaming Toolkit*, and country Policy Briefs that were officially presented at the 14th Meeting of the Conference of the Parties to the Convention on Biological Diversity (COP14) in November 2018 and are now hosted on the updated BFN website.

The 7th International Steering Committee (ISC) meeting was held on 29-30 October 2018, in Nevşehir, Turkey and, as well as reviewing project progress, partners discussed national and global opportunities to highlight project results, including at COP14 in November 2018, and into 2019. This included a discussion about how to support and continue the work of BFN following the project's formal conclusion, which was postponed with a no cost extension until 30 June 2019 to enable partners to consolidate national and global publications. The meeting report is available in [Annex 1](#).

Following the ISC meeting, representatives from each country stayed on for a 3-day write-shop to outline chapters for two global book publications on the BFN Project methodology and School Gardens (both accepted by Routledge/Earthscan for publication in mid-2019).

Highlights of country achievements in the reporting period are given below for the three technical components: Knowledge base, Policy & Regulatory Framework and Awareness and Outscaling.

Component 1 – Knowledge base

Brazil

- Food composition data is available for 78 species and is included in the FAO/INFOODS database. The complete set of food composition data generated by compilation and laboratory analyses are provided in [Annexes 2a and 2b](#).
- One additional title from the *Plants for the Future* series was published in the reporting period. The title identifies those native species of actual or potential economic value from the north-east region of Brazil. Two additional titles from the series are planned to be published in 2019 (including a seasonality calendar)
- The online [Biodiversity for Food and Nutrition database](#), published in collaboration with the Information System on Brazilian Biodiversity (SiBBr), now contains nutrient data for 187 native sociobiodiversity species.

¹ Briefly describe progress made during the previous six months highlighting outputs, major outcomes or milestones achieved during the period

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Kenya

Collaboration continued with FAO Kenya, and quantitative and qualitative data collected on 11 priority species as part of the project assessments of nutritional value of agrobiodiversity and associated traditional knowledge in Busia County was included in:

- Kenya's revised and updated [Food Composition Tables](#), which were launched in Nairobi during the 2nd Agri-nutrition conference (11-13 September 2018).
- A new FAO publication on [Kenyan food recipes](#) and traditional preparation methods also published in late 2018.

Both publications are available on the new Nutrition Portal of Kenya's Ministry of Health.

Sri Lanka

Completion of food composition analysis for 30 local underutilised fruit and vegetable species and varieties therein, along with the collection of ethnobotanical information for these species. The results of this work are gradually being uploaded in a dedicated webpage on Food Composition Tables in the project [website](#).

Turkey

All activities under this Component were completed in the previous reporting period. Additional food composition analysis is being carried out for the evaluation of volatile components and bioactive properties of some priority species. Polar and non-polar components will be analysed and their nutritional and medicinal properties assessed.

Component 2 – Policy and Regulatory Framework

Brazil

- [Ordinance 284](#) on Sociobiodiversity was published in July 2018. The ordinance, which supersedes ordinance 163/2016, recognizes the key role of sociobiodiversity for food and nutrition security and now includes 100 neglected and underutilized species of sociobiodiversity importance. Similarly to the previous version, the new ordinance encourages the cultivation of native species by smallholder farmers, and links producers with schools and development organizations through a direct procurement model
- Institution of a "Sociobiodiversity label", as part of the Family Farming identification labels (SIPAF), to be provided to farmers that manage sociobiodiversity products listed on Ordinance 284/2018
- Based on Ordinance 284, an innovative [Quality Index](#) was jointly developed by the National School Feeding Program and the National Federation of Nutritionists (PNAE/FNDE) to assess the variety/diversity of school meals. The IQ COSAN index is a user-friendly Excel tool, which assesses the variety, diversity and quality of school meals. The index assigns a value to school meals based on four parameters:
 - a) The presence of the six following food groups: 1. cereals and tubers; 2. beans; 3. vegetables; 4. fruits; 5. milks and derivatives; 6. meats and eggs;
 - b) Diversity of meals offered;
 - c) The presence of foods classified as restricted, banned and/or sugary foods
 - d) The presence of regional and sociobiodiversity foods using the official list of native Brazilian sociobiodiversity contained in Ordinance N. 284/2018 as a reference guide.

The inclusion of sociobiodiversity foods in schools meals affords a 2.5 score, as does the offer of regional foods (but only in the region where the food is truly endemic). Scores are added up and weekly averages calculated. IQ COSAN scores range from 0 to 95 points classifying the menus as *Inadequate* (0 to 45.9

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points), *Needs improvement* (46 to 75.9 points) and *Adequate* (76 to 95 points). It is likely that IQ COSAN will function not only as a control mechanism for school meals, but also as an incentive for schools to purchase socio-biodiversity products and support nutritionists and other actors from PNAE, providing guidelines for menu preparation.

BFN Brazil also contributed to finalizing a [Policy Brief](#) on the importance of BFN in Brazil

Kenya

Busia's Biodiversity Policy, which was endorsed by the County Assembly in March 2018, was incorporated in the County Integrated Development Plan (CIDP). The policy is to be implemented through the Ministry of Agriculture with a proposed implementation budget of US\$520,000 per year. The policy acknowledges the conservation of biodiversity (both wild and cultivated) as a way of maintaining important cultural values and ecosystem services, including the provision of healthy and adequate food.

Eight farmer groups engaged in the direct procurement model piloted in Busia County, as part of the joint BFN/ACIAR-funded project, are currently supplying African Leafy Vegetables to 14 institutional markets (schools, hospitals and restaurants) in five sub-counties.

BFN Kenya also contributed to finalizing a [Policy Brief](#) on the importance of BFN in Kenya.

Sri Lanka

In the reporting period, recommendations listed in the policy brief "Achieving food & nutrition security through agrobiodiversity-sensitive agriculture in Sri Lanka" were forwarded to the Policy & Planning Division of the Ministry of Mahaweli Development & Environment for inclusion into their future policies and regulatory frameworks.

BFN Sri Lanka also contributed to finalizing a [Policy Brief](#) on the importance of BFN in Sri Lanka.

A Value chain analysis for agrobiodiversity products and Structure-Conduct-Performance (SCP) market analysis were prepared by a marketing consultant, who presented results of his work both at a national workshop held on 8 August 2018 and at the 7th ISC meeting of BFN. The consultant illustrated a set of guidelines and strategies for the supply and demand side to increase the production and consumption of BFN target crops and for local biodiversity for food and nutrition in general.

Turkey

The Team contributed to finalising a [Policy Brief](#) on the importance of BFN in Turkey. The brief was the result of multi-stakeholder consultations carried out during the National Steering Committee and the National Technical Scientific Advisory Committee meetings held in October 2018.

Component 3 – Awareness and Outscaling

Brazil

- The [online course](#) on *Mainstreaming biodiversity for food and Nutrition* is now available in Portuguese
- On 25-26 June 2018, a training workshop on the SiBBr database was carried out by BFN Brazil during which BFN data was uploaded to the SiBBr platform
- Publication of the third *Plants for the Future* book
- An oral presentation on BFN work was delivered at the Third International Conference on Agriculture and Food in an Urbanizing Society in Porto Alegre, Brazil (17-21 Sept 2018)
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Kenya

An Academic and Agricultural Fair was organised in Mundika Secondary School on 7 July 2018 to raise awareness about the direct procurement model piloted in Busia County as part of the project funded by the Australian Centre for International Agriculture Research. All the awareness-raising events to date have increased community participation in managing biodiversity and changed peoples' attitudes towards local foods. It is felt that the fairs have contributed to raising the profile of African Leafy Vegetables and are encouraging consumers, schools, youth, policy-makers and farming communities to make continued use of local crops and varieties.

During the reporting period, presentations on project successes were delivered at several international events:

- 8th African Nutrition and Epidemiology Conference (ANEC VIII) held in Addis Ababa, Ethiopia (1 Oct 2018)
- 14th Conference of the Parties (COP14) of the Convention on Biological Diversity, Egypt (Nov 2018)
- An oral presentation on Kenya BFN work was also delivered at the Third International Conference on Agriculture and Food in an Urbanizing Society in Porto Alegre, Brazil (17-21 Sept 2018)

Sri Lanka

Throughout 2018, local underutilized target crops were re-introduced to the three pilot sites through the "Home Gardens Diversification Project" carried out by BFN Sri Lanka in partnership with the Provincial Department of Agriculture. Seed and planting material (local vegetables and fruit species) were provided to the 50 targeted households in each site who also attended workshops and trainings on:

- Land preparation
- Nursery establishment and planting
- Drip irrigation
- Cover cropping and water conservation
- Integrated pest management
- Guidelines and implementation of the Participatory Guarantee Systems (PGS) that ensures agrobiodiversity products are organic

Several awareness-raising events/activities targeting school children at the pilot sites were carried out during the reporting period and include radio quizzes and street drama.

In collaboration with the Fruit Crop Research & Development Institute (FCRDI-Horana) of the Department of Agriculture, diversity fairs and exhibitions on local underutilized fruits and developed varieties were carried out on 7-9 July 2018 at FCRDI Horana to:

- Promote increased fruit and vegetable consumption
- Raise awareness on the importance of biodiversity for food and nutrition
- Increase fruit crop cultivation by promoting fruit villages and disseminating planting materials to the farmers

Two publications on the health benefits of local yams were produced ([Annexes 3 and 4](#)) as well as a brochure on local fruits in Sinhala ([Annex 5](#))

Targeting the scientific community, BFN project results were presented nationally at the:

- Wayamba International Conference – 24 August 2018. Within the conference, a parallel session was organised by the Biodiversity for Adaptation to Climate Change (BACC) project, where BFN

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Sri Lanka submitted an abstract on “Promoting home gardening to enhance conservation and use of agrobiodiversity” ([Annex 6](#))

- International Symposium on Investing in biodiversity and ecosystem services (ISIBES) - Rajarata University – 18 October 2018. Two abstract were presented by BFN Sri Lanka during the Symposium ([Annexes 7 and 8](#)).

Turkey

Turkey has placed considerable effort in making results from BFN available to Turkish researchers, students and the general public alike. Currently under preparation are:

- Three recipe books that includes traditional recipes from the three pilot regions. The recipes were prepared by trained chefs and professional photos were taken.
- A publication with botanical illustrations of the priority crops currently in Turkish, which is being translated into English.
- The Turkish translation of the E-learning course on *Mainstreaming Biodiversity for Food and Nutrition*, which is now finalised and available online.

BFN Turkey also took part in several national and international scientific symposia, specifically:

- XVI Congress of the International Society of Ethnobiology and XII Brazilian Symposium on Ethnobiology and Ethnoecology, which was held in (Belem, 7-10 August 2018). Two oral presentations were delivered on the “Medicinal Use Of Some Wild Species in Turkey” and “Food Consumption Of Some Wild Edible Species in Turkey”
- XIII National Agricultural Economics Congress (12-14 September 2018). “Biodiversity Awareness in Rural Turkey”
- International Gastronomy Tourism Congress (6-8 December 2018)
- Turkish Wheat Landraces Symposium (20-22 December, 2018) where the BFN team presented on “On farm Conservation of Hulled Wheat in Turkey”; “Traditional knowledge of wheat landraces” and “Ex-situ Conservation of Wheat Landraces at National Seed Genbank Of Turkey”

Global

Every effort was made by the Global Project Management Unit to disseminate project results and consolidate information generated by the project into global public goods. During the reporting period, the following information tools were published (also available in section 4.5)

- [Biodiversity Mainstreaming for Healthy & Sustainable Food Systems Toolkit](#) - An open-access guide to mainstreaming biodiversity that draws on case studies across the four partner countries, and which outlines steps to provide evidence, influence policies, and raise awareness of biodiversity for improved nutrition
- [E-learning course](#) on Mainstreaming Biodiversity for Food and Nutrition
- Country policy briefs for Brazil, Kenya, Sri Lanka and Turkey
- Article submissions to the international scientific journals PLANTA and ANADOLU

In addition, presentations on BFN project results were made at the following international congresses and meetings:

Global Partnership for Plant Conservation – GSPC - (28-30 August 2018), Kirstenbosch National Botanical Garden, Cape Town, South Africa

On behalf of BFN, Bioversity colleague Dr. Ehsan Dulloo presented ‘*Plants of the past, or crops for the future: Biodiversity for food and nutrition is central to the 2030 agenda on sustainable development*. The conference provided an opportunity to share BFN achievements and experiences and highlight how the

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project was able to include plant conservation in National Biodiversity Strategies and Action Plans (NBSAPs) and enhance the implementation of the GSPC.

World Food Programme (WFP) - Brown Bag sessions (18 September 2018)

At WFP headquarters in Rome, Teresa Borelli presented *Use it or lose it! An overview of Bioversity's nutrition work and approach to conservation through use* organized, in which the BFN project took centre stage as part of *Bioversity's Healthy Diets from Sustainable Food Systems initiative*.

Symposium on Improving food system sustainability using agrobiodiversity (26 September 2018) – Beijing, Chiina

Teresa Borelli described the BFN Approach through the presentation *Harnessing the potential of neglected agrobiodiversity for food and nutrition outcomes* at the symposium organised by the Chinese Academy of Agricultural Sciences (CAAS) in collaboration with Bioversity International. Considerable interest exists in China for the multi-stakeholder approach adopted by BFN.

Conference of the Parties (COP14) of the Convention of Biological Diversity (Sharm El-Sheikh, Egypt, 17-29 November 2018)

A team of 11 represented the BFN project at COP14 of the CBD including the national project coordinators and national project directors from Turkey, Sri Lanka and Kenya. Support was received by both co-implementing agencies: UN Environment (Marieta Sakalian) and FAO (Irene Hoffmann) during BFN events, as well as by the Secretariat of the CBD (SCBD) through Cristina Romanelli, CBD's focal point on biodiversity and health. The BFN project participated and facilitated a couple of panel sessions in the Rio Conventions Pavilion by the SCBD on Health Day (24 November) and by FAO/SCBD on Agriculture Day (25 November). A report of Health Day and the panel in question (*Healthy Food Systems for a Sustainable Future*) can be viewed at <http://enb.iisd.org/download/pdf/sd/enbplus200num46e.pdf>, while the daily report of Agriculture Day and the panel in question (*Biodiversity for Food and Nutrition: Challenges and Opportunities*) can be viewed at <http://enb.iisd.org/download/pdf/sd/enbplus200num47e.pdf>

Having such a large, strong team present meant that BFN was able to spread itself effectively across the entire fortnight of COP and the many miscellaneous events taking place, often in parallel. Brazil spoke about BFN at the preliminary High Level Segment (HLS) <https://www.cop14-egypt.com/ministerial-segments/high-level-segment/>, while Richard China of Bioversity International also made a statement at the same event on behalf of the CGIAR and the importance of agricultural biodiversity. The outcome of the HLS was the '[Sharm el Sheikh Declaration](#)', which refers to the importance of mainstreaming biodiversity and health linkages.

During the COP14 Plenary Sessions, Turkey made a useful intervention on the importance of mainstreaming biodiversity for improving nutrition and health, and their experiences with the BFN project. The most relevant agenda item of the COP Plenary was item 22 on Biodiversity and Health and was one of a few decisions that were adopted during plenary, where the importance of health-biodiversity linkages to nutrition, healthy diets and food security is flagged a few times. Item 14(c) also draws attention to the need for more research in these areas.

On 26 November 2018, the four countries came together at a dedicated side event to showcase their successes and achievements and to highlight a growing number of important global tools others can use to replicate the BFN approach elsewhere.

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Throughout COP14, many of the BFN team participated in other relevant side events and activities and made important interventions. BFN Kenya and Brazil, both participated in Bioversity's side event on the Agrobiodiversity Index.

The participation of such a large team at COP contributed significantly to raising the profile of the BFN project and work to better mainstream biodiversity for improved nutrition and diets. There is very considerable interest and appetite for this work among parties to the CBD and others. Participation at COP by the national teams also raises their profiles at a national level as experts in this area who can be called upon in the future. The way that BFN had organized its panels (one presentation, and the BFN country partners discussing as a panel) also resonated strongly with the SCBD as a good approach and one they will promote and suggest in future COPs.

Discussions were initiated on future possible opportunities through GEF7 as well as other opportunities. Meetings were held with the SCBD on the health and biodiversity agenda and future activities including with ASEAN ACB and BaCH (Biodiversity and Community Health). There is also a proposal to have the four BFN countries lead an Action Network on biodiversity for food and nutrition under the guise of the UN Decade on Action for Nutrition, but recognizing the commonalities and synergies with the still running UN Decade on Biodiversity. This is currently being explored with the CBD/WHO.

Danny Hunter made a keynote presentation on *Biodiversity, Diets and Nutrition: Mainstreaming Solutions for Healthy Food Systems* at the ASEAN Multi-Sectoral Workshop on Mainstreaming Biodiversity for Food and Agriculture held in Bangkok, Thailand from 4-6 December 2018.

2.2 Project Implementation Progress²

Outputs	Expected completion date ³	Output targets/milestones foreseen for this reporting period as per Annual Work Plan	Implementation status as of end of reporting period expressed in %	Progress Rating for each output ⁴	Comments if variance ⁵ . Describe any problems in delivering outputs
Component 1: Knowledge base					
Output 1.1 Assessments of nutritional value of agrobiodiversity and associated traditional knowledge (ATK) of prioritised species is carried out in three ecosystems Turkey and Sri Lanka, one ecosystem in Kenya and at national level in Brazil		<p>Endline targets: Compositional data for at least 130 prioritized species generated/compiled across the four countries</p> <p>Data for at least 130 prioritized species, varieties or breeds, and other associated biodiversity collected and analysed</p>		HS	Data is now available for 195 prioritised species, either through food composition analysis or data compilation. In Kenya, dietary intake surveys will not be completed due to budget constraints. Data on traditional knowledge and loss of food options is documented in most countries included either in national databases or in recipe books. Best practices for managing and deploying native biodiversity with nutrition potential were developed by all countries.

² Information provided in Quarterly financial reports (for UNEP) and Six-monthly Expenditure Statements and Explanation of Expenditures Reported (for FAO) should be in line with output/activity progress reported in this table.

³ As per latest workplan

⁴ Provide self-assessment of progress:

- Highly Satisfactory (HS): Implementation of all activities and output targets is in substantial compliance with the original/formally revised implementation plan for the project. The project can be presented as “good practice”.
- Satisfactory (S): Implementation of most activities and output targets is in substantial compliance with the original/formally revised plan except for only few that are subject to remedial action.
- Moderately Satisfactory (MS): Implementation of some activities and output targets is in substantial compliance with the original/formally revised plan with some components requiring remedial action.
- Moderately Unsatisfactory (MU): Implementation of some activities and output targets is not in substantial compliance with the original/formally revised plan with most components requiring remedial action.
- Unsatisfactory (U): Implementation of most activities and output targets is not in substantial compliance with the original/formally revised plan.
- Highly Unsatisfactory (HU): Implementation of none of the activities and output targets is in substantial compliance with the original/formally revised plan.

⁵ Variance refers to the difference between the expected and actual progress at the time of reporting

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Outputs	Expected completion date ³	Output targets/milestones foreseen for this reporting period as per Annual Work Plan	Implementation status as of end of reporting period expressed in %	Progress Rating for each output ⁴	Comments if variance ⁵ . Describe any problems in delivering outputs
Activity 1.1.1 National steering committees to refine and validate criteria and finalise site selection	March 2013	Site selection criteria finalised and tested and pilot sites identified in all four countries	100%	S	Completed
Activity 1.1.2 Develop working and collaborative arrangements between stakeholders and communities in targeted ecosystems	March 2014 ongoing	Working agreements and arrangements between stakeholders and communities established	100%	S	Completed
Activity 1.1.3 Plan and undertake training of appropriate groups in methodology to assess baseline data on local agrobiodiversity and foods (including loss of food options), collection of associated indigenous knowledge, and assess dietary diversity	May 2014	Workshops held and training provided	100%	S	Completed
Activity 1.1.4 Determine baseline status of community biodiversity for food and nutrition (including loss of food options), dietary diversity and where possible nutritional and health status and other relevant data	Dec 2016	Baseline situation reports prepared for each pilot site	100% ⁶	S	Completed

⁶ Although Brazil did not plan on working at the community level, several activities carried out in collaboration with national partners (Universities) contributed to community-level data

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Outputs	Expected completion date ³	Output targets/milestones foreseen for this reporting period as per Annual Work Plan	Implementation status as of end of reporting period expressed in %	Progress Rating for each output ⁴	Comments if variance ⁵ . Describe any problems in delivering outputs
Activity 1.1.5 Document food-associated indigenous knowledge, including sustainable use practices for agricultural biodiversity	Mar 2018	Report prepared documenting and describing food associated local knowledge in each pilot site.	100% ⁷	S	<p>Brazil: Completed. Three <i>Plants for the future</i> books published along with MSc dissertations. The latest book on Northeastern Brazil is available online</p> <p>Kenya: Completed</p> <p>Sri Lanka: An information booklet on traditional knowledge of root and tuber crops was published and is now available in English (Annex 3) along with a recipe book on local yams (Annex 4). A brochure on the nutritional content of local fruits was also prepared (Annex 5)</p> <p>Turkey: Completed</p>
Activity 1.1.6 Document the loss of options for food and nutrition security resulting from the degradation of the targeted ecosystems and erosion of biodiversity loss.	June 2016	Report prepared documenting the loss of options for food and nutrition security in each pilot site	100% ⁸	S	Completed
Activity 1.1.7 Prioritize locally important agricultural biodiversity species to be targeted for nutrient compositional analysis (activity linked to Output 1.2)	Mar 2014	Prioritized species identified in all four countries	100%	S	Completed. Turkey - Additional food composition analysis is being carried out to determine the volatile components and bioactive properties of select priority species

⁷ Although Brazil is not working at the community level, several activities carried out in collaboration with national partners (Universities) are contributing to community-level data

⁸ Although Brazil did not plan on working at the community level, several activities carried out in collaboration with national partners (Universities) have contributed to generating community-level data

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Outputs	Expected completion date ³	Output targets/milestones foreseen for this reporting period as per Annual Work Plan	Implementation status as of end of reporting period expressed in %	Progress Rating for each output ⁴	Comments if variance ⁵ . Describe any problems in delivering outputs
Activity 1.1.8 Undertake participatory planning with communities for food-based intervention to improve community diets, including prioritization of key nutrient-rich traditional foods (see Output 3.1 key activities)	Mar 2018	Most appropriate interventions identified and testing commenced	100%	S	Completed Turkey: Participatory domestication of a select number of priority crops continues.
Activity 1.1.9 Monitor and assess the impact of the food-based intervention with local communities. Document and publish findings including presenting research findings back to communities.	June 2019	Monitoring procedures implemented	Brazil – N/A Kenya – 100% Sri Lanka – 90% Turkey - 100%	S	Brazil: As the country does not work on pilot sites, no food-based interventions were undertaken. Kenya: ACIAR funds have allowed the monitoring of impact of the farm-to-school network established in Busia. (Annexes 9 and 10). In the reporting period, nutrition training was provided to 962 Early Child Development teachers (448 participants from public schools and 514 participants from the private sector). Sri Lanka: A project impact assessment was carried out in the pilot sites. Data analysis is ongoing. Turkey: Completed. Local communities are involved in developing a recipe book for wild edibles and cooking workshops were organized.
Output 1.2. National portal on local foods, containing databases on nutritional properties of agrobiodiversity		Endline targets: Published databases include data on nutritional value of at		S	Key data holders were identified in all countries and national databases established in Brazil, Turkey and Sri Lanka.

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Outputs	Expected completion date ³	Output targets/milestones foreseen for this reporting period as per Annual Work Plan	Implementation status as of end of reporting period expressed in %	Progress Rating for each output ⁴	Comments if variance ⁵ . Describe any problems in delivering outputs
<p>and associated traditional knowledge (ATK), developed in each country relying on pre-existing infrastructure and linked to relevant national and global nutritional databases</p>		<p>least 130 prioritised species, across the four countries</p> <p>Data on associated knowledge of at least 130 prioritised species, varieties or breeds across the four countries, are made available through national portals/databases for further use</p>			<p>Kenya updated and launched its revised national food composition table in Sept 2018. Data entry with nutrition information, ATK, recipes and best practices for agrobiodiversity conservation are completed for Sri Lanka, Turkey and Brazil.</p>
<p>Activity 1.2.1 Identify key national agrobiodiversity nutritional data holders and develop collaborative agreements between relevant partners for information access, sharing and exchange</p>	<p>June 2015</p>	<p>Data holders identified and collaborative agreements established and documented</p>	<p>100%</p>	<p>S</p>	<p>Completed</p>
<p>Activity 1.2.2 Review existing relevant food and nutritional data at the national level and information management tools and approaches employed</p>	<p>June 2015</p>	<p>National reviews of existing information and databases undertaken and report produced with recommendations and highlighting gaps and bottlenecks</p>	<p>100%</p>	<p>S</p>	<p>Completed</p>
<p>Activity 1.2.3 Strengthen infrastructure and capacity for developing a national portal and</p>	<p>March 2018</p>	<p>National portal infrastructure, personnel</p>	<p>100%</p>	<p>S</p>	<p>Completed</p>

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Outputs	Expected completion date ³	Output targets/milestones foreseen for this reporting period as per Annual Work Plan	Implementation status as of end of reporting period expressed in %	Progress Rating for each output ⁴	Comments if variance ⁵ . Describe any problems in delivering outputs
database/information system on nutritional properties of agrobiodiversity according to international standards (INFOODS-FAO)		and equipment established			
Activity 1.2.4 Identify training needs and undertake relevant training	June 2016	Training needs identified and training workshops undertaken	100%	S	Completed
Activity 1.2.5 Design appropriate database for associated traditional knowledge of local foods and sustainable use practices for agricultural biodiversity	Mar 2018	National database designed	100%	S	<p>Brazil: Recipes were collected and developed by partner universities. The <i>Plants for the Future</i> series contains scientific and traditional knowledge about local biodiverse foods.</p> <p>Kenya: Due to budget restrictions, a database will not be produced. However, recipes from Busia were compiled in a recipe book launched in September 2018 in collaboration with FAO Kenya.</p> <p>Sri Lanka: Completed</p> <p>Turkey: Completed but information will not be shared publicly until results are published in scientific journals.</p>
Activity 1.2.6 Update content with existing national data and update regularly with data emerging from project	Sept 2018	Database to host nutrition data and indigenous food associated knowledge developed	100%	S	<p>Brazil: Completed</p> <p>Kenya: See Activity 1.2.5</p> <p>Sri Lanka: Completed</p> <p>Turkey: Food composition data on wild edible species generated by the project was included in the Turkish Food Composition Database (TURKOMP).</p>

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Outputs	Expected completion date ³	Output targets/milestones foreseen for this reporting period as per Annual Work Plan	Implementation status as of end of reporting period expressed in %	Progress Rating for each output ⁴	Comments if variance ⁵ . Describe any problems in delivering outputs
<p>Activity 1.2.7 Ensure national databases and information systems are linked to key global nutritional databases and information systems</p>	Sept 2018	National databases and information systems are linked to global information systems	Brazil – 100% Kenya –N/A Sri Lanka – 100% Turkey – 100%	S	<p>Brazil: The database was developed following FAO/INFOODS guidelines and data generated by the project was sent to FAO/INFOODS</p> <p>Kenya will not be developing a database but has revised its national food composition tables in collaboration with FAO Kenya</p> <p>Sri Lanka: Food composition data generated by the project was included in the national database and a report was sent to the FAO/INFOODS coordinator for review.</p> <p>Turkey: Completed</p>
<p>Output 1.3. The contribution of information generated by the project contributes to global knowledge generation and is reflected in an increase of the Nutritional Indicators for Biodiversity on food composition and consumption</p>		<p>Endline target: At least 2 countries have prepared a national progress report on the Nutritional Indicators for Biodiversity on composition and consumption for the prioritized species</p>		HS	Two of the four countries have submitted a national progress report of Nutritional Indicators for Biodiversity on composition and consumption. In Sri Lanka a report is being prepared and will be ready in April 2019, while the activity will not be carried out in Kenya due to lack of funds.
<p>Activity 1.3.1 Provide training on collecting data for Biodiversity Indicators for Food Composition and Consumption</p>	June 2015	Training on collecting biodiversity indicators for Food composition and consumption provided to key partners	100%	S	Completed

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Activity 1.3.2 Determine in each country baseline data for Nutrition Indicator for Biodiversity on food composition and consumption, in collaboration with national coordinator of INFOODS-FAO	Sept 2018	Baseline data for Biodiversity and Nutrition indicators for BFN established in each country	100%	S	This activity was completed in all countries except Kenya where budgetary constraints have led to a downsizing of activities
Activity 1.3.3 Identify food consumption surveys and methods used or to be used in each country	Dec 2014	Survey methodologies identified and used for data collection	100%	S	This activity was completed in all countries except Kenya where budgetary constraints have led to a downsizing of activities
Activity 1.3.4 Adapt Dietary Diversity methodology and/or other methods aimed at collecting intake data on consumption of foods from agrobiodiversity	Dec 2015	Dietary diversity methodology adapted	100%	S	In Brazil, Sri Lanka and Turkey baseline data on nutrition indicators were collected and are being used to monitor indicator trends, particularly for priority and target species. In Kenya this activity will not be carried out due to budget restrictions.
Activity 1.3.5 Evaluate trend of the Nutrition Indicator for Biodiversity on food consumption and composition between the beginning and the end of the project	June 2019	Trends on nutrition indicators for BFN collected at beginning and end of the project	Brazil - 100% Sri Lanka – 90% Turkey – 100%	S N/A S S	Brazil: Completed for food composition. Since the project did not carry out nutrition interventions and no new national surveys were conducted since the beginning of the project indicators for food consumption will not be assessed. Kenya: This activity will not be carried out due to resource and budget constraints, as agreed in the 4 th and 5 th ISC meetings. Sri Lanka: Nutritional indicators on biodiversity consumption and composition were compiled by Wayamba University. A report is being prepared and

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Outputs	Expected completion date ³	Output targets/milestones foreseen for this reporting period as per Annual Work Plan	Implementation status as of end of reporting period expressed in %	Progress Rating for each output ⁴	Comments if variance ⁵ . Describe any problems in delivering outputs
					will be ready for submission to FAO/INFOODS in April 2019. Turkey: Completed
Component 2: Policy and Regulatory framework					
Output 2.1 Cross-sectoral national policy platforms for mainstreaming agricultural biodiversity conservation and sustainable use into nutrition, health and education programmes established		Endline target: Institutional mechanisms for linking different sectors implemented in at least one country		HS	Progress in this output is excellent, with all four countries NPMU well embedded in cross-sectoral national working groups
Activity 2.1.1 Develop terms of reference (TORs) for cross-sectoral national working group with core mandate for development of policies and strategies	July 2014	National policy platforms TORs developed	100%	S	Completed in all countries
Activity 2.1.2 Establish and collaborate with cross-sectoral national working group and identify individuals to spearhead policy development and implementation	July 2014	Cross-sectoral national policy platforms established	100%	S	Completed in all countries
Activity 2.1.3 Design action plan to build capacity and awareness of policy options and mainstreaming tools and disseminate relevant information widely	Sept 2018	Action plan drafted	100%	S	Completed. All countries have ensured greater mainstreaming of BFN in existing policy platforms

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Outputs	Expected completion date ³	Output targets/milestones foreseen for this reporting period as per Annual Work Plan	Implementation status as of end of reporting period expressed in %	Progress Rating for each output ⁴	Comments if variance ⁵ . Describe any problems in delivering outputs
Output 2.2 National and international policy guidelines and recommendations that promote the mainstreaming of agricultural biodiversity conservation and sustainable use into nutrition, health and education developed		Endline target: National policy recommendations reviewed in four countries and revised policy under consideration in at least one country by year 5		HS	This output builds on output 2.1. Significant progress was made in developing policy guidelines and recommendations. With regard to establishing an enabling environment for mainstreaming biodiversity, progress in this output is highly satisfactory. Collaboration continues with international agencies and treaties to promote BFN in relevant sectoral programmes and strategies, particularly with the Convention on Biological Diversity (CBD). In the reporting period, BFN country representatives and the global office took part in COP14 of the CBD.
Activity 2.2.1 Undertake review of national policies and strategies, identifying barriers, gaps and opportunities	Dec 2015	Review of existing national policies and strategies completed	100%	S	Completed in all countries
Activity 2.2.2 Draft guidelines and recommendations to promote the mainstreaming of biodiversity for food and nutrition and publish a policy brief	Dec 2017	National policy guidelines to promote mainstreaming of biodiversity for food and nutrition drafted	100%	S	Global: Completed but ongoing as opportunities arise with different forums and networks. Policy briefs were published and presented at COP14 of the CBD in November 2018.
Activity 2.2.3 Identify key 'change agents', potential champions and supporters of relevant policy reform	Dec 2017	List of Key Change Agents compiled	100%	S	Completed in all countries

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Outputs	Expected completion date ³	Output targets/milestones foreseen for this reporting period as per Annual Work Plan	Implementation status as of end of reporting period expressed in %	Progress Rating for each output ⁴	Comments if variance ⁵ . Describe any problems in delivering outputs
Activity 2.2.4 Host Policy Learning Events to disseminate best practices, current thinking and to share lessons of experiences	March 2018	Policy Learning Events workshop reports prepared	100%	S	Completed in all countries
Activity 2.2.5 Develop implementation strategy and priority actions for international policies and strategies that promote the mainstreaming of local biodiversity into health, nutrition and agricultural programmes	Sept 2018	Implementation strategy to promote the mainstreaming of local biodiversity into health, nutrition and agricultural programmes developed	100%	S	Global: Completed but ongoing as opportunities arise with different forums and networks. Contributions to the <i>First State of the World Report on Biodiversity for Food and Agriculture</i> is one such opportunity, as well as greater engagement with the CBD in 2019. Completed in all countries, where case studies and policy briefs were published.
Output 2.3 New marketing options for biodiversity foods with high nutritional value identified and developed		Endline target Markets developed for at least four target species with high nutritional value across the four countries		S	Significant progress was made in this output in all countries where market assessments were carried out and value chains identified and developed for a select number of target species.
Activity 2.3.1 Undertake rapid appraisal to identify and assess markets or market niches and opportunities, including barriers and opportunities in project targeted ecosystems	June 2015	Market studies completed and opportunities identified	100%	S	Completed in all countries
Activity 2.3.2 Identify key actors and steps and formulate a vision and upgrading strategy	Dec 2017	Key steps and actors identified	100%	S	Completed in all countries. Brazil: Ordinance 284/2018 published in July 2018 provides incentives for

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Outputs	Expected completion date ³	Output targets/milestones foreseen for this reporting period as per Annual Work Plan	Implementation status as of end of reporting period expressed in %	Progress Rating for each output ⁴	Comments if variance ⁵ . Describe any problems in delivering outputs
for value chain or market development					smallholder producers to grow and sell 100 underutilised native biodiversity species
Activity 2.3.3 Develop guidelines/management plans for the sustainable production and use of wild and cultivated resources	June 2018	Sustainable management plans developed	Brazil – 100% Kenya – 100% ⁹ Sri Lanka – 100% Turkey – 100%	S S S S	Brazil: Completed. A complete list of guidelines for the sustainable collection of wild fruits and nuts targeted by the project can be found here Kenya: Completed Sri Lanka: Completed. Guidelines and management plans for the sustainable production and use of wild and cultivated resources were prepared along with a report and marketing brief for the improvement of agrobiodiversity value chains. Turkey: Completed. Guidelines were prepared on the safe and sustainable collection of wild edibles as well as a management plan for sustainable use of wild edibles.
Activity 2.3.4 Develop marketing and promotion strategies including food, diversity and trade fairs (see output 3.4)	Sept 2018	Marketing strategies developed and implemented	Brazil – 100% Kenya – 100% Sri Lanka – 100% Turkey – 100%	S S S S	Largely completed in all countries, but opportunities to further promote BFN work will be taken as they arise. Brazil: Completed. In the reporting period, a partnership with Instituto ATÁ

⁹ This is largely an activity linked to those countries working with wild species and also depends on countries having identified “target species”. Kenya may decide not to undertake this activity.

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Outputs	Expected completion date ³	Output targets/milestones foreseen for this reporting period as per Annual Work Plan	Implementation status as of end of reporting period expressed in %	Progress Rating for each output ⁴	Comments if variance ⁵ . Describe any problems in delivering outputs
					<p>was established to develop markets for native vanilla and other species.</p> <p>Kenya: Food fairs and other marketing strategies adopted.</p> <p>Sri Lanka: Completed. The Herbal Food & Beverage fair was held in August 2017 and fairs for selling organic products in public places were organized (e.g. Kegalle Hospital on 23 Nov 2017). A Festival of underutilized fruits is planned for 2018.</p> <p>Turkey: Completed</p>
Component 3: Increased awareness and outscaling					
Output 3.1 Best practices for mobilizing biodiversity to improve dietary diversity identified and promoted		Endline target: At least four best practices analysed, evaluated and documented in pilot sites		HS	Progress was made in all countries and globally in relation to assessing and identifying best practices
Activity 3.1.1 Identify best practices for mobilizing and delivering biodiversity to improve dietary diversity and establish portal platform to document case studies covering GEF project experiences and other non-GEF examples	Ongoing	Best practices identified and portal platform implemented	100%	S	<p>Global: This is largely a globally-led activity identifying and documenting case studies and best practices on a platform hosted by the BFN project website. The website currently features 36 case studies from 26 different geographic locations as well as section on <i>Stories from the Field</i>.</p> <p>The four countries have identified country specific best practices that are being</p>

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Outputs	Expected completion date ³	Output targets/milestones foreseen for this reporting period as per Annual Work Plan	Implementation status as of end of reporting period expressed in %	Progress Rating for each output ⁴	Comments if variance ⁵ . Describe any problems in delivering outputs
					promoted and documented on their national portals.
Activity 3.1.2 Global publication reviewing current best practices for mobilizing biodiversity to improve dietary diversity at outset of the project	Mar 2013	Manual documenting current best practices for mobilizing biodiversity to improve dietary diversity published	100%	S	Completed
Activity 3.1.3 Develop and disseminate information/materials and methodologies for implementing best practices in selected project pilot sites	Sept 2018		100% (ongoing)	S	This activity was completed in all countries, but writing and dissemination of information material will continue at national events and seminars. Information is also captured on all national portals.
Activity 3.1.4 Organize participatory workshops with key stakeholders in selected sites and nationally to review and refine best practices	Sept 2018	Participatory workshops organized	100% (ongoing)	S	This activity was completed in all countries. Brazil: In 2017, workshops were organized by partner ministries to discuss and refine ongoing initiatives (PLANAPO, PGPM-bio, PLANAFE)
Activity 3.1.5 Undertake training on best practices	May 2018	Best practices training module, based on project experiences and outcomes, developed	100%	S	The online training module on mainstreaming biodiversity into nutrition practices and public policies was published
Activity 3.1.6 Plan and implement best practices in selected sites	Sept 2018	Best practices implemented in pilot sites	Brazil- N/A Kenya – 100% Sri Lanka – 100% Turkey – 100%	N/A S S S	Brazil is not operating at the pilot site level Completed in Kenya, Sri Lanka and Turkey

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Outputs	Expected completion date ³	Output targets/milestones foreseen for this reporting period as per Annual Work Plan	Implementation status as of end of reporting period expressed in %	Progress Rating for each output ⁴	Comments if variance ⁵ . Describe any problems in delivering outputs
Activity 3.1.7 Develop a training module on best practices for mobilizing biodiversity to improve dietary diversity which can be adapted for use in nutrition and health programs in the four project countries and more widely	Dec 2017	Training module on best practices for mobilizing BFN developed	100%	S	Completed The online training module is now completed and is available online in English, Portuguese and Turkish. All countries provided national experiences and lessons learned for the online course.
Output 3.2 Capacity of producers, processors, users and researchers to use and benefit from nutritionally relevant biodiversity enhanced		Endline target: Training to address capacity needs conducted in each country		HS	All countries have strengthened farmer/producer capacity to use and benefit from BFN. 24 farmer groups in Busia, one quilombola community in Brazil, producers at pilot sites in Turkey and women farmer groups in Sri Lanka are now able to deploy and benefit from local biodiversity for food and nutrition
Activity 3.2.1 Establish key competencies required among relevant stakeholder groups	Sep 2015	Key actors, roles and responsibilities defined	100%	S	Completed in all countries
Activity 3.2.2 Assess training needs required	Sep 2015	Training needs assessed	100%	S	Completed in all countries
Activity 3.2.3 Develop capacity building plan including action plan to implement training	Sept 2017	Capacity building plan developed and implemented	100%	S	Completed in all countries
Activity 3.2.4 Strengthen partnerships and collaborations and encourage south-to-south exchanges among GEF partner countries to share information and expertise	Sept 2018, ongoing	Key south-to-south exchange visits organised	100%	S	Completed in all countries All countries have benefited from key exchange visits to partner countries. The organization of BFN Conferences in all countries, as well as other international events has fostered the sharing of ideas and lessons learned.

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Outputs	Expected completion date ³	Output targets/milestones foreseen for this reporting period as per Annual Work Plan	Implementation status as of end of reporting period expressed in %	Progress Rating for each output ⁴	Comments if variance ⁵ . Describe any problems in delivering outputs
					South-South exchange continued in the reporting period with country participation at the COP14 Meeting of the CBD in Nov 2018
Output 3.3 Information events that foster greater appreciation of biodiversity for food and nutrition as a resource for development and wellbeing conducted		Endline target: At least 10 major information events across the four countries to raise awareness of consumers, policy makers and other actors about the positive benefits of nutritionally-rich biodiversity implemented at project completion		HS	Countries have exceeded expectations in this regard. The number of national information events organised by the countries by far exceeds the endline target.
Activity 3.3.1 Develop terms of reference for national information events	Jan 2015, ongoing	TORs developed	100%	S	Completed in all countries
Activity 3.3.2 Identify national information events taskforce	Jan 2015, ongoing	National Information events taskforce established	100%	S	Completed in all countries
Activity 3.3.3 Develop national information events strategies and action plans	July 2015 ongoing	National information events strategy and action plans established	100%	S	Completed in all countries
Activity 3.3.4 Implement selected national information events	Mar 2017	Information campaigns tested at pilot scale and nationally and impact assessed	100%	S	This activity is completed in all countries but will continue until project end. In Turkey , the first Iza (einkorn) Wheat Festival was held in June 2018 to

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Outputs	Expected completion date ³	Output targets/milestones foreseen for this reporting period as per Annual Work Plan	Implementation status as of end of reporting period expressed in %	Progress Rating for each output ⁴	Comments if variance ⁵ . Describe any problems in delivering outputs
					popularize the use of local wheat landraces.
Output 3.4 Guidelines for improved use of nutritionally-rich foods from local biodiversity, including processing, food safety measures, and recipes adapted to modern lifestyles based on traditional food systems developed		Endline target: At least 5 publications across the four countries highlighting innovative approaches to enhancing use of nutritionally-rich local foods and covering production, and/or processing, marketing and utilization		S	Data generated on priority and target species is forming the basis of guidelines on aspects of production/collection and utilization in all countries. Recipe books are being drafted in all countries and food safety guidelines for native fruits were produced in Brazil.
Activity 3.4.1 Prepare guidelines for improved use; processing; food safety; packaging; quality control; marketing, certification (fair-trade, eco-labelling), promotion	Nov 2017	Guidelines for sustainable production and improved use developed	100%	S	Completed in all countries
Activity 3.4.2 Publish books based on traditional recipes for nutritionally rich foods from local biodiversity and recipes adapted to modern lifestyles	June 2019	Food and recipe books produced in-country	Brazil – 95% Kenya – 100% Sri Lanka – 100% Turkey – 90%	S S S S	Brazil: This activity was partially implemented with the publication of the “Regional Foods” book in 2015. Partner Universities completed the development of recipes for prioritized species and the Recipes Book (design) is being finalized. Kenya: In collaboration with FAO, BFN Kenya contributed to a recipe book collecting Kenya recipes - including from Busia – that was launched in Sept 2018.

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Outputs	Expected completion date ³	Output targets/milestones foreseen for this reporting period as per Annual Work Plan	Implementation status as of end of reporting period expressed in %	Progress Rating for each output ⁴	Comments if variance ⁵ . Describe any problems in delivering outputs
					<p>Sri Lanka: A number of publications collecting traditional recipes were published including: recipes collected during the Food festival 2017, recipes for local yams, alongside a training manual on yam cultivation, and associated traditional knowledge. An ethnobotany booklet and a booklet collecting recipes from Hela bojun will be published by April 2019.</p> <p>Turkey: Several publications are in the pipeline at various printing stages: a regional recipe book (translation in English underway), an illustrated book on wild edibles and underutilised species (in the press); a children's book (under review by the Ministry of Education)</p>
<p>Activity 3.4.3 Global publication on the improved use of selected nutritionally-rich food from local biodiversity</p>	<p>June 2019</p>	<p>Global publication on the improved use of local biodiversity prepared</p>	<p>Global – 40%</p>	<p>S</p>	<p>The drafting of this publication is underway. External contributors were contacted. Some chapters were received and are being reviewed by the editorial team.</p>
<p>Output 3.5 Tools and methods for mainstreaming biodiversity into food and nutrition strategies upscaled and disseminated</p>		<p>Endline target: Project guidelines for mainstreaming biodiversity into food and nutrition developed and disseminated</p>		<p>S</p>	<p>Considerable progress was made in reviewing general mainstreaming approaches, tools and methods in all countries. The project also made significant progress in relation to mainstreaming at the global level.</p>

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Outputs	Expected completion date ³	Output targets/milestones foreseen for this reporting period as per Annual Work Plan	Implementation status as of end of reporting period expressed in %	Progress Rating for each output ⁴	Comments if variance ⁵ . Describe any problems in delivering outputs
Activity 3.5.1 Review current status of mainstreaming biodiversity instruments, tools and approaches by sector and cross-sectorally with emphasis on mainstreaming into food and nutrition activities	July 2015	Review of mainstreaming approaches and tools completed	100%	S	Completed in all countries
Activity 3.5.2 Inventory relevant instruments, tools and methods	July 2015, ongoing	Inventory of mainstreaming tools developed	100%	S	Completed in all countries
Activity 3.5.3 Guidelines for using tools and instruments for mainstreaming	Dec 2017	Guidelines on employing mainstreaming tools and approaches developed	100%	S	All countries contributed content for the drafting of the online course - an important tool for mainstreaming BFN in all countries and in relevant public policies. The online course is now complete and available online in English, Portuguese and Turkish. The Global Mainstreaming Toolkit is also complete and was launched at COP14 of the CBD in November 2018.
Component 4: Project Management					
Activity 4.1 Establish arrangements for global and national project administration and implementation infrastructure including global and national coordination units	Mar 2013	Project personnel, infrastructure and processes in place both globally and nationally	100%	HS	Completed

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Activity 4.2 Plan and undertake a full project inception meeting	Mar 2013	Inception Workshop planned and implemented	100%	HS	Completed
Activity 4.3 Establish and operate project budgeting and accounting system	Mar 2013	Budgeting and accounting system established	100%	HS	Completed
Activity 4.4 Review and refine work plans with national project coordinators and partners in participating countries based on better understanding of local context	Yearly	Work plans reviewed and refined	100%	HS	Original work plans and logframe were reviewed by national partners and amendments discussed following the MTR review
Activity 4.5 Establish project International Steering Committee and conduct annual meetings	Yearly	ISC established and annual meetings held	100%	HS	The 1 st ISC was carried out in April 2012. The activity is ongoing and the 7 th and final ISC meeting was successfully held in Turkey in October 2018.
Activity 4.6 Establish project National Steering Committees and conduct regular meetings	Yearly	NSC established and annual meetings held	100%	HS	National Steering Committee meetings were held in all project countries.
Activity 4.7 Where relevant, establish additional site or technical committees	Nov 2013	Relevant national sub-, thematic or location committees established	Kenya – 100% Turkey – 100%	HS	Completed in Kenya and Turkey
Component 5: Monitoring and Evaluation					
Activity 5.1 Finalise and disseminate project Monitoring and Evaluation Framework	Mar 2013	Project Monitoring and Evaluation Framework developed and disseminated	100%	S	Completed

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Outputs	Expected completion date ³	Output targets/milestones foreseen for this reporting period as per Annual Work Plan	Implementation status as of end of reporting period expressed in %	Progress Rating for each output ⁴	Comments if variance ⁵ . Describe any problems in delivering outputs
Activity 5.2 Establish reporting plan and requirements, templates	Mar 2013	Templates developed and distributed	100%	S	Completed
Activity 5.3 Submit project and financial reports to GEF	2013-2017	Reports submitted	100%	S	Completed
Activity 5.4 Organise and implement project Mid-Term Evaluation	Mar 2015	Mid-term evaluation completed	100%	S	Completed
Activity 5.5 Organise and implement project Final Evaluation	2019	Final evaluation completed	Activity yet to commence	N/A	This activity was not planned to be initiated during the reporting period indicated.

2.3 Action plan to address any project shortcomings, problems or risk

All shortcomings at the output level have been resolved. The implementation of most activities and outputs was achieved in line with the project workplan. Some indicators and targets were revised by the Mid-Term Review (MTR) consultant who made further recommendations for revision. In Sri Lanka, the resolution of administrative requirements involved for the disbursement of funds enabled the country to step-up implementation of a number of activities and outputs bringing the project's overall implementation rating to a satisfactory level. All activities linked to making use of collected data are mostly complete in all countries, except for the publishing of recipe books in Turkey and Sri Lanka. The rating for overall project implementation is also in line with the Highly Satisfactory (HS) rating awarded by the MTR.

Problem(s) identified	Action(s) planned	By whom	By when
It has taken longer than expected to deliver on 3.4.2 although some publications were developed. The deadline for this activity was moved forward to June 2019 allowing countries more time to compile the information generated by the project.	All countries are expecting to publish recipe books by June 2019.	NPMUs and NPCs	June 2019
Under 3.4.3, the development of a global publication was delayed	A consultant was hired to collect and compile all project experiences. The activity has commenced.	GPMU	June 2019

Risk(s) identified	Action(s) planned	By whom	By when
Brazil			
No risks identified	None		
Kenya			
No risks identified	None		
Sri Lanka			
No risks identified	None		
Turkey			

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Risk(s) identified	Action(s) planned	By whom	By when
No risks identified	None		

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2.4 Action taken to address any project shortcomings and risks encountered in the previous reporting period

This section should be completed if project progress was rated MS or lower and/or medium and high risks were identified in the previous reporting period, Project Implementation Review (PIR) or by the Mid-term Review/Evaluation.

Problem(s) identified in previous PIR	Action(s) taken	By whom	When
N/A	None		

Please indicate what risk mitigation measures were implemented during the period and with what results:

Risk Statement	Action taken	By who	Date	Result
None				
The GPMU continues to monitor all other risk factors that are beyond its control such as the country-specific political and environmental and contexts.				

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3. MONITORING AND EVALUATION

3.1. Monitoring and evaluation activities carried out during the reporting period¹⁰

Global

All BFN countries came together twice during the current reporting period. Firstly, at the 7th ISC meeting that was organized in Nevşehir, Turkey, on 29-30 October 2018 to review project progress. The second gathering was during the CBD COP14 meeting held in November 2018. Both meetings presented opportunities for the GPMU to monitor and review progress.

Brazil

The final National Steering Committee Meeting was held in Brasilia on 10 October 2018, with participation and presentations from all the National partners (Ministries, Universities and Research Institutes). Final results were presented and the continuity of activities by partner institutions were discussed. The main legacy products developed in Brazil were showcased: Sociobiodiversity Ordinance 284, the Food Composition and Recipes Database, Plants for the Future Books, Recipes Book and the Online Course.

Kenya

In July 2018, two meetings were held with the project site implementation committee in preparation for the Educational and Agri-cultural fair to be held at Mundika Secondary school on 6 July 2018. The meetings also helped monitor progress in the mainstreaming of BFN in County activities. County agricultural officers, nutrition officers, early childhood development officers, education officers and farmer group members who participated in the meeting highlighted the positive results linked to improved community nutrition status, improved markets for farmers and nutrition training for 962 Early Child Development Centres (448 participants from public schools and 514 participants from private schools).

Sri Lanka

On 8 August 2018, project outputs were presented to national partners in a final validation workshop for the marketing consultancy. In December 2018, field surveys were carried out at the three pilot sites to assess household food and nutritional security status. During the reporting period, routine visits to the pilot sites were carried out by the National Project Management Unit (NPMU).

Turkey

Final National Steering Committee and Technical Advisory Committee meetings were held on 18-19 October 2018 to review and monitor project activities and to finalize the policy brief.

¹⁰ Do not include routine project reporting. Examples of M&E activities include baseline data collection, stakeholder surveys, field surveys, steering committee meetings to assess project progress, peer review of documentation to ensure quality, mid-term review, etc.

4. INVENTORY OF STAFF, CONTRACTS, MEETINGS AND OUTPUTS

4.1 Staffing details of Executing Partner (Applies to personnel, experts, consultants paid by the project budget)

Functional Title	Nationality	UNEP Budget Line	FAO Budget Line
Global Project Coordinator	British	1101	5300
Scientific Assistant	Italian	1103	5300
National Project Coordinator - Brazil	Brazilian	1102	5300
National Project Coordinator - Kenya	Kenyan	1102	5300
National Project Coordinator – Sri Lanka	Sri Lankan	1102	5300
Scientific Assistant – Sri Lanka	Sri Lankan	1103	5300
Project Assistant – Sri Lanka	Sri Lankan	1301	5300
National Project Coordinator - Turkey	Turkish	1102	5300
National Project Director - Brazil	Brazilian	1204	5300
Site project coordinators/Technical specialists Turkey	Turkish	1104	

4.2 Sub-contracts¹¹

Name of contractee	Address	UNEP Budget Line	FAO Budget Line
Brazil			
Juliana Furlaneto Benchimol	Juliana Furlaneto – Consultant for Communication and Events	-	5570
Marcelo Rodrigues Soares de Sousa	Paradigma, QNJ 05, casa 32, Taguatinga Norte, DF, Brazil	-	6300
Raquel de Andrade Cardoso Santiago	UFG	1202	5570
Sri Lanka			
Dr. D.K.N.G. Pushpakumara	University of Peradeniya (UoP), Faculty of Agriculture, Dept. of Crop Science	2202	5650
Dr. T. Madhujith	Professor, UoP, Faculty of Agriculture, Dept. of Food Science and Technology	4204	6100
Mr. R.D. Siripala	Director (Communication), National Agriculture Information & Communication Centre, Dept. of Agriculture	2203	-

¹¹ Expand table if necessary

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Name of contractee	Address	UNEP Budget Line	FAO Budget Line
Dr. Rohan Karawita	Director, National Food Promotion Board, Ministry of Agriculture	-	5650
Ms. D.S. Rathnasinghe	Principal Scientist - Food Extension & Training Centre, Dept. of Agriculture	-	5650, 5920
Ms. R.P. Kasturiarchchi	Extension & Training Centre, Dept. of Agriculture	-	5650, 5920
Prof. L.H.P. Gunarathne	Professor, UoP, Faculty of Agriculture, Agri-business Centre	2202	-
Dr. Dilini Hemachandra	Senior Lecturer, UoP, Faculty of Agriculture, Agri-business Centre	2202	-
Ms. Sudeepa Sugathadasa	Scientist, Department Of Ayurveda.	2201	5650, 5920

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4.3 Meetings¹²

Meeting type ¹³	Title	Venue	Dates	Convened by	Organized by	No of participants	Report issued Yes/No	Language	Date
Global									
International Steering Committee Meeting	7 th ISC meeting of the BFN Project	Nevshehir, Turkey	29 -30 Oct 2018	GPMU	GPMU	21	Yes	English	
International Conference	14th meeting of the Conference of the Parties to the Convention on Biological Diversity (COP14)	Egypt	17-29 Nov 2018	CBD Secretariat	CBD Secretariat	11 from BFN	No	English	
Brazil									
Coordination meeting	Weekly meeting about the recipe book	Online	Jul-Dec 2018	MMA	MMA	3	No	Portuguese	
Coordination meeting	Weekly meeting about the Plants for the Future books	Online	Jul-Dec 2018	MMA	MMA	3	No	Portuguese	
Coordination meeting	Meeting with the Department of Genetic Heritage about compliance with the Nagoya Protocol and Law n. 13.123/2015	MMA, Brasilia	11 Sep 2018	MMA	MMA	4	No	Portuguese	

¹² Expand table if necessary

¹³ Meeting types: Inter-governmental meeting, expert group meeting, project inception workshop, training workshop/seminar, partners consultation workshop, project Steering Committee meeting, other.

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Meeting type ¹³	Title	Venue	Dates	Convened by	Organized by	No of participants	Report issued Yes/No	Language	Date
Conference	III International Conference on Agriculture and Food in an Urbanizing Society	UFRGS, Porto Alegre	17-21 Sep 2018	UFRGS	UFRGS	~3000 participants	No	Portuguese and English	
Project Steering Committee meeting	5 th National Steering Committee Meeting	MMA, Brasilia	10 Oct 2018	MMA	MMA	35	No	Portuguese	
Kenya									
Meeting	Organizing committee meeting	Busia ATC	4 July 2018	NPMU	Mundika High school and NPMU	12	Yes	English	
Meeting	Site level committee meeting	Busia ATC	5 July 2018	NPMU	NPMU	7	Yes	English	
Meeting	Mundika Educational and agri-cultural fair	Mundika high school	6 July 2018	NPMU	Mundika High School, and NPMU	>840	Yes	English	
Conference	8 th African Nutritional Epidemiology Conference (ANEC)	Addis Ababa	1-4 Oct 2018	NPMU and GPMU	NPMU	>1000	Yes	English	
Sri Lanka									
Underutilized Fruit Fair & Exhibition	Underutilized fruit festival and seminar series at Fruit research Institute, Horana	Fruit Research Institute, Kananwila, Horana	7 July 2018	FCRDI, Horana /BFN NPMU	FRCI, Horana /BFN NPMU	~3000	Yes	Sinhala	
Group discussion	Inspection of home garden diversification & sub project activities in Niunhella	Niunhella	16 July 2018	BFN NPMU	BFN NPMU/ Provincial Dept. of Agriculture	~30	Yes	English	

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Meeting type ¹³	Title	Venue	Dates	Convened by	Organized by	No of participants	Report issued Yes/No	Language	Date
Field Visit & meeting	Initiation of Home garden diversification of 50 households and school garden development of Gampola, Giribawa pilot site	Gampola, Giribawa	17 July 2018	Provincial Department of Agriculture	Provincial Department of Agriculture/ BFN NPMU	~50	Yes	Sinhala	
Training workshop	Meeting on recipe book & training manual development and inspection of progress in local yams popularization sub project by CDC, Aranayake	CDC, Aranayake	30 July 2018	BFN NPMU/CDC	CDC/ BFN NPMU	10	Yes	Sinhala	
Meeting	Inception meeting on developing an Android mobile application for healthy food consumption "Hela Nutrition"	NPMU	01 Aug 2018	NPMU	NAICC/BFN PMU	7	Yes	Sinhala	
Workshop	Workshop on Integrated Pest Management in Home gardens of Gampola, Giribawa pilot site	Gampola, Giribawa	03 Aug 2018	NPMU	Plant Protection Service, Gannoruwa /BFN NPMU	70	Yes	Sinhala	
Validation Workshop	Final Validation workshop on New marketing options and Guidelines for Agrobiodiversity and food with high nutritional value	NAICC	08 Aug 2018	Agribusiness Centre, UoP/BFN NPMU	Agribusiness Centre, UoP/BFN NPMU	30	Yes	Sinhala	

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Meeting type ¹³	Title	Venue	Dates	Convened by	Organized by	No of participants	Report issued Yes/No	Language	Date
Partner Meeting	Implementation of quiz competition in project pilot sites	NAICC	08 Aug 2018	Farm broadcasting Service, NAICC/NPMU	Farm broadcasting Service, NAICC/NPMU	11	Yes	Sinhala	
Partner Meeting	Discussion on preparation of IMM Educational CD	NAICC, DOA	09 Aug 2018	BFN NPMU/ NAICC, DOA	BFN NPMU/ NAICC, DOA	06	Yes	English	
Meeting	Final meeting with CDC Farmer groups on popularization of local yams and home garden diversification in Aranayake area	CDC, Aranayake	30 Aug 2018	BFN NPMU/CDC, Aranayake	BFN NPMU/CDC, Aranayake	~80	Yes	Sinhala	
Quiz programme- Initial stage competition	Initial stage competition of Quiz programme on Biodiversity for Food and Nutrition in Niunhella Pilot site	Niunhella	31 Aug 2018	Farm Broadcasting Service (FBS) NAICC	FBS/ BFN NPMU	100	Yes	e Sinhala	
Quiz programme- Initial stage competition	Initial stage competition of Quiz programme on Biodiversity for Food and Nutrition in Gampola, Giribawa Pilot site	Gampola, Giribawa	07 Sept 2018	Farm Broadcasting Service (FBS) NAICC	FBS/ BFN NPMU	75	Yes	Sinhala	
Quiz programme- Initial stage competition	Initial stage competition of Quiz programme on Biodiversity for Food and Nutrition in Udukumbura Pilot site	Udukumbura	14 Sept 2018	Farm Broadcasting Service (FBS) NAICC	FBS/ BFN NPMU	50	Yes	e Sinhala	

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Meeting type ¹³	Title	Venue	Dates	Convened by	Organized by	No of participants	Report issued Yes/No	Language	Date
Quiz competition-Final Event	Quiz competition grand finale	PGRC	03 Oct 2018	Farm Broadcasting Service (FBS) NAICC	FBS/ BFN NPMU	250	Yes	English	
Meeting	Development of IMM CD	NAICC	NAICC	BFN/NPMU	NAICCBFN NPMU	05	No	Sinhala	
Questionnaire survey	Impact Assessment survey in Niunhella pilot site	Niunhella Gampola,Giribawa	11 Dec 2018	NPMU	BFN NPMU	30	Yes	Sinhala	
Questionnaire survey	Impact Assessment survey in Udukumbura pilot site	Udukumbura	13 Dec 2018	BFN NPMU	BFN NPMU	30	Yes	Sinhala	
Questionnaire survey	Impact Assessment survey in Udukumbura pilot site	Gampola, Giribawa	14 Dec 2018	BFN NPMU	BFN NPMU	30	Yes	Sinhala	
Turkey									
Conference	16 th Congress of the International Society of Ethnobiology	Brasilia	4-10 August 2018	Brasil BFN Team	Brasil BFN Team	2	No	English	
Coordination Meeting	National Steering Committee Meeting” and “National Technical and Scientific Advisory Committee Meeting	Antalya	18-19 October 2018	TAGEM	TAGEM	22	Yes	Turkish	
Project Workshop	Project Workshop	Nevşehir	31 Oct -03 Nov 2018	GPMU	TAGEM	20	Yes	English	
Symposium	Symposium on Local Wheat landraces	Bolu	20-22 Dec 2018	Bolu İzzet Baysal University	Bolu İzzet Baysal University		Yes	Turkish	

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Meeting type ¹³	Title	Venue	Dates	Convened by	Organized by	No of participants	Report issued Yes/No	Language	Date
Experts' Meeting	Project Experts' Meeting	Kızılcahamam/ANKARA	07-08 Jan 2019	TAGEM	TAGEM	8	No	Turkish	
Project Closure Meeting	Project Closure Meeting	Antalya	31 January-01 February 2019	TAGEM	TAGEM	74	No	English Turkish	

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4.4 List(s) of meeting participants¹⁴

Global

29–30 Oct 2018 – 7th International Steering Committee Meeting		
No.	Name of participant	Nationality
1	Camila Oliveira (BFN/MMA)	Brazilian
2	Daniela Moura de O. Beltrame – National Project Coordinator	Brazilian
3	Victor W. Wasike - National Project Coordinator (KALRO)	Kenyan
4	Lusike Wasilwa (Kenya Agricultural and Livestock Research Organization – KALRO)	Kenyan
5	W.L.G. Samarasinghe - National Project Coordinator - Plant Genetic Resources Centre	Sri Lankan
6	L.H.P. Gunaratne – Professor - University of Peradeniya	Sri Lankan
7	Hasan Gezginc - National Project Coordinator - General Directorate of Agricultural Research and Policies (TAGEM)	Turkish
8	Ayfer Tan – Aegean Region Coordinator – BFN Turkey	Turkish
9	Birgul Guner – Sub-Coordinator BFN Turkey (TAGEM/MFAL)	Turkish
10	Nurcan Aysar Guzelsoy - Food and Nutrition Analyses Coordinator – Central Research Institute of Food and Feed Control, TAGEM/MFAL	Turkish
11	Kürşad Özbek - Black Sea Region Coordinator, BFN Turkey (TAGEM/MFAL)	Turkish
12	Sevinç Karabak - Economist - BFN Turkey, (TAGEM/MFAL)	Turkish
13	Hilal Yuce Arslan - Project Staff - BFN Turkey (TAGEM/MFAL)	Turkish
14	Serdar Aydemir - Project Staff - BFN Turkey (TAGEM/MFAL)	Turkish
15	Serdar Burak Öksüz - Project Staff - BFN Turkey (TAGEM/MFAL)	Turkish
16	Kuena Morebotsane - FAO GEF Coordination Unit	Mosotho
17	Marieta Sakalian - Senior Programme Management Officer/Coordinator, Healthy and Productive Ecosystems Programme – UN Environment	Bulgarian
18	Florence Tartanac – Senior Officer - Nutrition and Food Systems Division, Food and Agriculture Organization of the United Nations	French
19	Danny Hunter (Bioversity International)	British
20	Teresa Borelli (Bioversity International)	Italian
21	Eliot Gee (Bioversity International)	US

17-29 Nov 2018– 14th Meeting of the Conference of the Parties to the Convention on Biological Diversity (COP14)		
No.	Name of participant	Nationality
1	Ugo Eichler Vercillo – Director - Department of Conservation and Management of Species. Ministry of the Environment of Brazil	Brazilian
2	Bianca Chaim Mattos - Technical Team SBio – Ministry of Environment	Brazilian
3	Victor W. Wasike - National Project Coordinator (KALRO)	Kenyan
4	Lusike Wasilwa (Kenya Agricultural and Livestock Research Organization – KALRO)	Kenyan
5	Desterio Nyamongo - KALRO	Kenyan
6	W.L.G. Samarasinghe - National Project Coordinator - Plant Genetic Resources Centre	Sri Lankan
7	Hasan Gezginc - National Project Coordinator - General Directorate of Agricultural Research and Policies (TAGEM)	Turkish
8	Birgul Guner – Sub-Coordinator BFN Turkey (TAGEM/MFAL)	Turkish
9	Marieta Sakalian - Senior Programme Management Officer/Coordinator, Healthy and Productive Ecosystems Programme – UN Environment	Bulgarian
10	Danny Hunter (Bioversity International)	British
11	Teresa Borelli (Bioversity International)	Italian

¹⁴ Expand table if necessary

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Brazil

Jul - Dec 2018 – Weekly meetings with the consultants involved in the recipe book “Biodiversidade: Sabores e Aromas”		
No.	Name of participant	Nationality
1	Lidio Coradin - National Project Director/BFN	Brazilian
2	Raquel Andrade Cardoso Santiago - UFG	Brazilian
3	Marcelo Rodrigues Soares de Sousa – consultant BFN	Brazilian

Jul - Dec 2018 – Weekly meetings with the consultants involved		
No.	Name of participant	Nationality
1	Lidio Coradin - National Project Director/BFN	Brazilian
2	Julceia Camillo - consultant Plants for the Future initiative	Brazilian
3	Marcelo Rodrigues Soares de Sousa – consultant BFN	Brazilian

11 Sept 2018 – Meeting with the Department of Genetic Heritage about compliance with the Nagoya Protocol and Law n. lei 13.123/2015		
No.	Name of participant	Nationality
1	Camila Oliveira – BFN/MMA	Brazilian
2	Rafael Marques – DPG/MMA	Brazilian
3	Fábio Vieira – DPG/MMA	Brazilian
4	Marada Almeida – DPG/MMA	Brazilian

17-21 Sept 2018 – Participation in the III International Conference on Agriculture and Food in an Urbanizing Society (Porto Alegre)		
No.	Name of participant	Nationality
1	Camila Oliveira - BFN/MMA	Brazilian
2	Raquel Andrade Cardoso Santiago - UFG	Brazilian
3	Vanuska Lima da Silva - UFRGS	Brazilian
4	Lusike WASILWA - Director Crop Systems, BFN Kenya	Kenya
	~3000 participants	international

10 Oct 2018 – 5th National Steering Committee Meeting		
No.	Name of participant	Nationality
1	Adriana Camurça Pontes Siqueira - UFC	Brazilian
2	Andrea Carneiro Guerra Matias - Mackenzie	Brazilian
3	Antônio Mauro Saraiva - USP	Brazilian
4	Braulio Dias - UnB	Brazilian
5	Camila Neves Soares Oliveira - BFN/MMA	Brazilian
6	Carlos Scaramuzza - consultant	Brazilian
7	Érica Lobato - VP Centro de Nutrição Funcional	Brazilian
8	Fernanda Gemaque - Instituto Paulo Martins	Brazilian
9	Fernando Lyrio - MMA/SBio	Brazilian
10	Francisco Nascimento - UFPA	Brazilian
11	Gustavo Chianca - FAO Brasil	Brazilian
12	Hétel Leepkahn dos Santos - MDS	Brazilian
13	Humberto Pennacchio - Conab	Brazilian
14	Isabela Camila Tudeschini Marques - UNIFESP	Brazilian
15	Jaime Aguiar - INPA	Brazilian
16	José Paulo de Almeida - MDS	Brazilian
17	Julceia Camillo - consultant Plants for the Future initiative	Brazilian
18	Keila Juarez - SiBBR/MCTIC	Brazilian

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19	Lidio Coradin - National Project Director/BFN	Brazilian
20	Marcelo Rodrigues Soares de Sousa – consultant BFN	Brazilian
21	Maria de Fatima Carvalho - MS	Brazilian
22	Maria Sinedes (Sineide) - FNDE	Brazilian
23	Marília Marques Guimarães Marini - MMA/SBio	Brazilian
24	Nathalia Dreyer - Funbio	Brazilian
25	Neide Botrel - Embrapa Hortaliças	Brazilian
26	Newman Costa - Sebrae	Brazilian
27	Pedro Bruzzi - MMA/SEDR	Brazilian
28	Raquel Andrade Cardoso Santiago - UFG	Brazilian
29	Ricardo Elesbão Alves - Embrapa Agroindústria Tropical	Brazilian
30	Tiago Rusin - MMA/SEDR	Brazilian
31	Ugo Eichler Vercillo - MMA/SBio	Brazilian
32	Vanuska Lima da Silva - UFRGS	Brazilian
33	Veridiana Vera de Rosso - UNIFESP	Brazilian
34	Virgínia Lira - MAPA/COAGRE	Brazilian
35	Assessoria de Comunicação - Consea	Brazilian

Kenya

4 July 2018 – Preparatory meeting for the Mundika educational and Agri-cultural fair		
No.	Name of participant	Nationality
1	Dr. Mark Obonyo	Kenyan
2	Mr. Alexander Wangalwa	Kenyan
3	Mr. William Buluma	Kenyan
4	Ms. Aurillia Manjella	Kenyan
5	Dr. Victor Wasike	Kenyan
6	Mr. Peter Kubebea	Kenyan
7	Mr. Milicent Oyucho	Kenyan
8	Mrs. Harriet Naliali	Kenyan
9	Mr. Fredrick Mugenya	Kenyan
10	Mr. Daniel Wamubi	Kenyan
11	Mr. Stephen Karani	Kenyan
12	Mr. Aloo Ouma	Kenyan

5 July 2018 – Project Site Implementation Committee implementation and monitoring and evaluation meeting		
No.	Name of participant	Nationality
1	Mrs. Florence Kigunzu	Kenyan
2	Mr. William Buluma	Kenyan
3	Mr. Francis Odeyo	Kenyan
4	Ms. Scholastic Nabade	Kenyan
5	Ms. Aurillia Manjella	Kenyan
6	Dr. Victor Wasike	Kenyan
7	Mr. Nelson Etyang	Kenyan

6 July 2018- Mundika Educational and Agri-cultural fair - Mundika High School, Busia		
No.	Name of participant	Nationality
1	Mary Abukutsa-Onyango	Kenyan
2	Rosemary Babu	Kenyan

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3	Julia Boedecker	German
4	Gladys Mueni	Kenyan
5	Mark Obonyo	Kenyan
6	William Buluma	Kenyan
7	Lawrence Wamae	British
8	Vincent Ochieng	Kenyan
9	Lawrence Wamae	Kenyan
10	Joshua Ngige	Kenyan
11	Violet O. Kirigua	Kenyan
12	Aurillia Manjella	Kenyan
13	Peter Kubebea	Kenyan
14	Lusike Wasilwa	Kenyan
15	Ben Mbaya	Kenyan
16	Alexander Wangalwa	Kenyan
17	Frank Moturi	Kenyan
18	Pauline Mundia	Kenyan
19	Paul Mwongera	Kenyan
20	Scholastica Nabade	Kenyan
21	Jane Nasaka	Kenyan
	~840 participants (students, teachers, parents, county officials and KALRO staff)	Kenyan

1-4 October 2018 –8th African Nutrition and Epidemiology Conference , Addis Ababa, Ethiopia		
No.	Name of participant	Nationality
1	Gina Kennedy	USA
2	Namukolo Covic	Belgian
3	Victor Owiwo	Kenyan
4	Francis Odhiambo	Kenyan
5	Beatrice Ekesa	Kenyan
6	Maureen Cheserek	Kenyan
7	Dorothy Mituki	Kenyan
8	Henrietta Ene-Obong	Kenyan
9	David C. Phiri	Zambian
10	Deborah Nabuuma	Ugandan
11	Victor Wasike	Kenyan
12	Mestawet Gebru	Ethiopian
13	Julia Boedecker	German
	~1000 participants	

Sri Lanka

07 July 2018- Underutilized fruit festival & Seminar Series-Fruit Research & Development Institute, Horana		
No.	Name of participant	Nationality
1	Dr. W.L.G. Samarasinghe	Sri Lankan
2	Dr. K. Ketapearachchi	Sri Lankan
3	Prof. T Madhujith	Sri Lankan
4	Dr. Kulapala	Sri Lankan
5	Ms.Tharangani Jayakody	Sri Lankan
6	Dr. Shiromani E dirimanna	Sri Lankan
7	~ 100 school children	Sri Lankan

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8	Ms. S.H.M.R.N.P. Samaradiwakara	Sri Lankan
9	Ms. K.G.T.A.K. Abeyawickrama	Sri Lankan
10	~3000 participants	Sri Lankans

16 July 2018-Inspection of Home garden diversification sub project activities in Niunhella		
No.	Name of participant	Nationality
1	Dr. W.L.G. Samarasinghe	Sri Lankan
2	Mr. Menuka Alahakoon	Sri Lankan
3	Ms. Nirma Rajapaksa	Sri Lankan
4	Ms. S.H.M.R.N.P. Samaradiwakara	Sri Lankan
5	Ms. K.G.T.A.K. Abeyawickrama	Sri Lankan
6	~25 farmers	Sri Lankan

17 July 2018 - Inception of home garden diversification and school garden development in Gampola, Giribawa		
No.	Name of participant	Nationality
1	Dr. W.L.G. Samarasinghe	Sri Lankan
2	Mr. Ravindranath Bandara	Sri Lankan
3	Ms. S.H.M.R.N.P. Samaradiwakara	Sri Lankan
4	Ms. K.G.T.A.K. Abeyawickrama	Sri Lankan
5	~50 farmers	Sri Lankans

30 July 2018-Meeting on recipe book and training manual development and inspection of progress of local yams popularization sub project by CDC in Aranayake		
No.	Name of participant	Nationality
1	Ms. Damayanthi Godamulla	Sri Lankan
2	Ms. Prasandi	Sri Lankan
3	Ms. Malshani	Sri Lankan
4	Ms. S.H.M.R.N.P. Samaradiwakara	Sri Lankan
5	Ms. K.G.T.A.K. Abeyawickrama	Sri Lankan
6	Ms. Sakunthala	Sri Lankan
7	Mr. Gamini Kulathunga	Sri Lankan
8	Mr. Chanaka Kondasinghe	Sri Lankan
9	5 Farmers	Sri Lankan

01 August 2018-Meeting on developing an Android mobile application for healthy food consumption		
No.	Name of participant	Nationality
1	Dr. W.L.G. Samarasinghe	Sri Lankan
2	Mr. Rizwan Farook	Sri Lankan
3	Mr. Rasika	Sri Lankan
4	Mr. Lakmal	Sri Lankan
6	Mr. Dilshan	Sri Lankan
7	Ms. S.H.M.R.N.P. Samaradiwakara	Sri Lankan
8	Ms. K.G.T.A.K. Abeyawickrama	Sri Lankan

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03 August 2018-Workshop on integrated Pest Management in Home gardens of Gampola, Giribawa pilot site		
No.	Name of participant	Nationality
1	Dr. W.L.G. Samarasinghe	Sri Lankan
2	Mr. Haritha Nimalananda	Sri Lankan
3	Ms. U.B.Piyathissa	Sri Lankan
4	A.N. Abeykoon	Sri Lankan
5	N.K. Hapukotuwa	Sri Lankan
6	M. Hasaranga	Sri Lankan
7	Ms. S.H.M.R.N.P. Samaradiwakara	Sri Lankan
8	Ms. K.G.T.A.K. Abeyawickrama	Sri Lankan
9	Mr. Ravindranath Bandara	Sri Lankan
10	~60 Farmers	Sri Lankans

08 August 2018 - Final validation workshop on New marketing options and guidelines for agrobiodiversity food with high nutritional value		
No.	Name of participant	Nationality
1	Dr. W.L.G. Samarasinghe	Sri Lankan
2	Prof. L.H.P Gunarathne	Sri Lankan
3	Prof. Parakrama Weligamage	Sri Lankan
4	Prof. Terence Madhujith	Sri Lankan
5	Dr. Dilini Hemachandra	Sri Lankan
6	Ms. S.H.M.R.N.P. Samaradiwakara	Sri Lankan
7	Ms. K.G.T.A.K. Abeyawickrama	Sri Lankan
8	Ms. Niluka Kuruppuarachchi	Sri Lankan
9	Mr. Rayan	Sri Lankan
10	Ms. Sahani Premarathne	Sri Lankan
11	Ms. Piumi Perera	Sri Lankan
12	Ms. E.M.A.S Bandara	Sri Lankan
13	Ms. Hiroshani Smarathunga	Sri Lankan
14	Ms. Erabadupitiya	Sri Lankan
15	Mr. Amarasena	Sri Lankan
16	Mr. Ravindranath Bandara	Sri Lankan
17	Ms. Hitigedara	Sri Lankan
18	Mr. Anuradha	Sri Lankan
19	Ms. Damayanthi Godamulla	Sri Lankan
20	Mr. Weligamage	Sri Lankan
21	Ms. T.Dharmasena	Sri Lankan
22	Mr. K.Dissanayake	Sri Lankan
23	Ms. S.P. Wijayamanna	Sri Lankan
24	Mr. K. Bandara	Sri Lankan
25	Mr. S.B. Samarakoon	Sri Lankan

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26	Mr. T.A. Dharmasena	Sri Lankan
27	Mr. Kamiss	Sri Lankan
28	Ms. N. Rajapaksha	Sri Lankan
29	Mr. Rohan Karawita	Sri Lankan

08 August 2018-Partner Meeting for Implementing Quiz programme in project pilot sites		
No.	Name of participant	Nationality
1	Mr. Ajith Gunasekera	Sri Lankan
2	Mr. Amila Dushmantha	Sri Lankan
3	Ms. S.H.M.R.N.P. Samaradiwakara	Sri Lankan
4	Ms. K.G.T.A.K. Abeyawickrama	Sri Lankan
5	Mr. Amarasena	Sri Lankan
6	Mr. Ravindranath Bandara	Sri Lankan
7	Ms. Piumi Perera	Sri Lankan
8	Ms. N. Rajapaksha	Sri Lankan
9	Mr. K. Dissanayake	Sri Lankan

09 August 2018 - Partner meeting on developing IMM Educational CD		
No.	Name of participant	Nationality
1	Dr. W.L.G. Samarasinghe	Sri Lankan
2	Mr. Hasika Keerthirathne	Sri Lankan
3	Ms. S.H.M.R.N.P. Samaradiwakara	Sri Lankan
4	Ms. K.G.T.A.K. Abeyawickrama	Sri Lankan
5	Ms. Kumudu	Sri Lankan
6	Shriyantha Menike	Sri Lankan

30 August 2018 - Final meeting with CDC Farmer groups on popularization of local yams and home garden diversification in Aranayake Area		
No.	Name of participant	Nationality
1	Dr. W.L.G. Samarasinghe	Sri Lankan
2	Ms. Damayanthi Godamulla	Sri Lankan
3	Ms. S.H.M.R.N.P. Samaradiwakara	Sri Lankan
4	Ms. K.G.T.A.K. Abeyawickrama	Sri Lankan
5	Ms. Sakunthala Kularatne	Sri Lankan
6	Ms. Malshani	Sri Lankan
7	Ms. Prasadi	Sri Lankan
8	Mr. Gunarathne	Sri Lankan
9	Mr. Gamini Kulathunga	Sri Lankan
10	~70 Farmers	Sri Lankan

31 August 2018-Initial stage competition of quiz programme on Biodiversity for Food and Nutrition in Niunhella Pilot site		
No.	Name of participant	Nationality

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1	Ms. N.L. Rajapaksha	Sri Lankan
2	Ms. S.P. Wijayamanna	Sri Lankan
3	Mr. K.U. Dissanayake	Sri Lankan
4	Mr.W.G. Karunaratne	Sri Lankan
5	Mr.D.L. Senanayake	Sri Lankan
6	Ms. S.H.M.R.N.P. Samaradiwakara	Sri Lankan
7	Ms. K.G.T.A.K. Abeywickrama	Sri Lankan
8	Mr. M.T. Bandara	Sri Lankan
9	Mr. D.J. Bandara	Sri Lankan
10	Mr. Tharanga Neel Dharmasena	Sri Lankan
11	Mr. Amila Dushmantha	Sri Lankan
12	Mr. R.G.A. Gunasekera	Sri Lankan
13	Ms. L.K. Dinusha	Sri Lankan
14	K.S. Samarasinghe	Sri Lankan
15	Mr. Hiran Peiris	Sri Lankan
16	Ms. Buddhika Malgahagamage	Sri Lankan
17	Mr. Dhanushka Bandara	Sri Lankan
18	Mr. A.S. Gunarathne	Sri Lankan
19	Mr. Menuka Alahakoon	Sri Lankan
20	Mr. L.D. Attanayake	Sri Lankan
21	Mr. L. Dissanayake	Sri Lankan
22	~80 Villages	Sri Lankans

07 September 2018- Initial stage competition of quiz programme on Biodiversity for Food and Nutrition in Gampola, Giribawa Pilot site

No.	Name of participant	Nationality
1	Mr. Hiran Peiris	Sri Lankan
2	Mr. R.G.A. Gunasekera	Sri Lankan
3	Mr. Nimesh Wijebandara	Sri Lankan
4	Mr. Pradeep Dharmachandra	Sri Lankan
5	Mr. J.P.Gunarathne	Sri Lankan
6	Mr. Amitha Kulasekera	Sri Lankan
7	H.C. Bandara	Sri Lankan
8	U.N. Wasala	Sri Lankan
9	H.M. Amarasena	Sri Lankan
10	Mr. Menuka Alahakoon	Sri Lankan
11	Mr. Tharanga Neel Dharmasena	Sri Lankan
12	Mr. Niroshan	Sri Lankan
13	Mr. Ravindranath Bandara	Sri Lankan
14	Mr. A.S.Gunarathne	Sri Lankan
15	Mr. Amila Dushmantha	Sri Lankan
16	Ms. Buddhika Malgahagamage	Sri Lankan
17	Ms. S.H.M.R.N.P. Samaradiwakara	Sri Lankan
18	Ms. Amela Kulasekera	Sri Lankan

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19	Ms. Anuruddika Wasala	Sri Lankan
20	Mr. K.M.Wijerathne	Sri Lankan
	~55 Villages	Sri Lankans

14 September 2018- Initial stage competition of quiz programme on Biodiversity for Food and Nutrition in Udukumbura Pilot site

No.	Name of participant	Nationality
1	Dr. W.L.G.Samarasinghe	Sri Lankan
2	Mr. Hiran Peiris	
3	Mr. K.S. Dissanayake	Sri Lankan
4	Ms. S.P. Wijemanna	Sri Lankan
5	Mr. K. Nirosan	Sri Lankan
6	Mr. H.M. Amarasena	Sri Lankan
7	Mr. Ravindranath Bandara	Sri Lankan
8	Ms. G.P. Kumari	Sri Lankan
9	Mr. N.S. Bandara	Sri Lankan
10	Mr. P.B. Nanadathilake	Sri Lankan
11	Ms. S.H.M.R.N.P. Samaradiwakara	Sri Lankan
12	Ms. K.G.T.A.K. Abeywickrama	Sri Lankan
13	Mr. Amila Dushmantha	Sri Lankan
14	Mr. N.Bandara	Sri Lankan
15	Mr. N.C. Wijebandara	Sri Lankan
16	Mr. D.A. Bandara	Sri Lankan
17	Ms. Buddhika Malgahagamage	Sri Lankan
18	Mr. S.M. Wijekoon	Sri Lankan
19	Mr. Tharanga Neel Dharmasena	Sri Lankan
20	~30 Villages	Sri Lankans

03 October 2018 - Quiz Competition Final Event

No.	Name of participant	Nationality
1	Dr. Keerthisena	Sri Lankan
2	Mr. A. Arunappriya	Sri Lankan
3	Dr. W.L.G. Samarasinghe	Sri Lankan
4	Ms. J. Hettiarachchi	Sri Lankan
5	Mr. Hiran Peiris	Sri Lankan
6	Mr. Ajith Gunasekera	Sri Lankan
7	Ms. Shrimathie Edirisinghe	Sri Lankan
8	Mr. Sam Samarasinghe	Sri Lankan
9	Mr. Sisira Jayathilake	Sri Lankan
10	Mr. Pradeep Dharmachandra	Sri Lankan
11	Mr. Amith Sachinthana	Sri Lankan
12	Ms. Mallika Premalal	Sri Lankan
13	Ms. S.H.M.R.N.P. Samaradiwakara	Sri Lankan
14	Mr. Amila Dushmantha	Sri Lankan

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15	Ms. Piumi Perera	Sri Lankan
16	Ms. Buddhika Malgahagamage	Sri Lankan
17	Mr. Tharanga Neel Dharmasena	Sri Lankan
18	~200 participants	Sri Lankans

11 December 2018 - Impact Assessment Survey at Project Pilot Sites-Niunhella		
No.	Name of participant	Nationality
1	Ms.S.H.M.R.N.P.Samaradiakara	Sri Lankan
2	Ms.Nimali Jayarathna	Sri Lankan
3	Ms.Ayoma Kulathunga	Sri Lankan
4	30 farmers	Sri Lankans

13 December 2018 - Impact Assessment Survey at Project Pilot Sites - Udukumbura		
No.	Name of participant	Nationality
1	Ms. S.H.M.R.N.P. Samaradiakara	Sri Lankan
2	Ms. Nimali Jayarathna	Sri Lankan
3	Ms. Ayoma Kulathunga	Sri Lankan
4	30 farmers	Sri Lankans

14 December 2018 - Impact Assessment Survey at Project Pilot Sites - Gampola		
No.	Name of participant	Nationality
1	Dr. W.L.G. Samarasinghe	Sri Lankan
2	Ms. Nimali Jayarathna	Sri Lankan
3	Ms. Ayoma Kulathunga	Sri Lankan
4	30 farmers	Sri Lankans

Turkey

4-10 August 2018– Brasilia – 16th Congress of the International Society of Ethnobiology		
No.	Name of participant	Nationality
1	Dr. Kürşad ÖZBEK	Turkish
2	Sevinç KARABAK	Turkish

18-19 October 2018– Antalya- National Steering Committee Meeting and National Technical and Scientific Advisory Committee Meeting		
No.	Name of participant	Nationality
1	Dr. Hasan GEZGINÇ	Turkey
2	Birgül GÜNER	Turkey
3	Hilal YÜCE ARSLAN	Turkey
4	Serdar AYDEMİR	Turkey
5	Dr. Ayfer TAN	Turkey
6	Dr. Kürşad ÖZBEK	Turkey
7	Dr. Saadet TUĞRUL AY	Turkey
8	Sevinç KARABAK	Turkey
9	Nurcan AYŞAR GÜZELSOY	Turkey

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10	Serdar Burak ÖKSÜZ	Turkey
11	Süha DİNÇER	Turkey
12	Kaan EROĞLU	Turkey
13	Gürcan ÖZDAĞ	Turkey
14	Nebi Erol METİN	Turkey
15	Ergül TERZİOĞLU	Turkey
16	İsmihan DEMİRAY AĞALAR	Turkey
17	Doç. Dr. Hasan IRMAK	Turkey
18	Nermin ÇELİKAY	Turkey
19	Mehmet Cüneyt ANCİN	Turkey
20	Prof. Dr. Kuddusi ERTUĞRUL	Turkey
21	Nimet KALELİ	Turkey
22	Özlem HAKYEMEZ	Turkey

31 October- 3 November 2018– Nevşehir- Project Writeshop

No.	Name of participant	Nationality
1	Danny HUNTER	British
2	Dr. Hasan GEZGİNÇ	Turkey
3	Birgül GÜNER	Turkey
4	Hilal YÜCE ARSLAN	Turkey
5	Serdar AYDEMİR	Turkey
6	Dr. Ayfer TAN	Turkey
7	Dr. Kürşad ÖZBEK	Turkey
8	Sevinç KARABAK	Turkey
9	Nurcan AYŞAR GÜZELSOY	Turkey
10	Serdar Burak ÖKSÜZ	Turkey
11	Teresa BORELLI	Italy
12	Florence TARTANAC	France
13	Marieta SAKALIAN	Bulgaria
14	Kuena MOREBOTSANE	Lesotho
15	Victor WASIKE	Kenya
16	Lusike WASILWA	Kenya
17	Gamini SAMARASINGHE	Sri Lanka
18	L.H.P. GUNARATNE	Sri Lanka
19	Daniela MOURA DE OLIVEIRA BELTRAME	Brazil
20	Eliot GEE	USA

20-22 December 2018 – Bolu, Turkey – Symposium on Local Wheat Landraces

No.	Name of participant	Nationality
1	Ayfer TAN	Turkey
2	Lerzan AYKAS	Turkey

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4.5 Documents, other printed materials, videos, and soft products (such as CDs or websites)

No	Type ¹⁵	Title	Author(s) Editor(s)	Publisher	ISBN	Publication date
Global						
1	Book	Mainstreaming Biodiversity Toolkit	Hunter D., Borelli T., Lauridsen N., Gee E., Rota Nodari G., Beltrame, D., Oliveira, C., Wasike V.W., Samarasinghe G., Tan A., Guner B.			Oct 2018
1	Book	Food security and climate change	Yadav, S.S.; Redden, R.J.; Hatfield, J.L.; Ebert, A.W.; Hunter, D. (eds.)	John Wiley, USA	ISBN: 9781119180661	Dec 2018
1	E-learning course	Mainstreaming biodiversity for food and nutrition	BFN Project			Oct 2018
1	Book chapter	Farmer and community-led approaches to climate change adaptation of agriculture using agricultural biodiversity and genetic resources	McDonald, T.; Sokolow, J.; Hunter, D.	In: Food security and climate change. (Yadav, S.S. et al. (eds.)) Hoboken, NJ		Dec 2018
1	Book chapter	Institutional food procurement for promoting sustainable diets. <i>In: (Burlingame, B.; Dernini, S. (eds.)), Sustainable diets: linking nutrition and food systems.</i> pp. 240-247	Tartanac, F.; Swensson, L.F.J.; Polo Galante, A.; Hunter, D.	Wallingford (UK): CABI	ISBN: 9781786392848 https://hdl.handle.net/10568/99342	2018

¹⁵ Documents and printed material types include: reports to inter-governmental meeting, technical publications, meeting reports, technical/substantive reports, brochures, media releases, etc.

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No	Type ¹⁵	Title	Author(s) Editor(s)	Publisher	ISBN	Publication date
1	Paper	<i>Secure, safe, sustainable and ethical food systems</i>	Alders R.; Hunter D.; Schönfeldt H.; Stellmach D.; Bagnol, B.	Development Bulletin 79 p. 101-103	ISSN: 1035-1132; https://hdl.handle.net/10568/93438 .	2018
1	Paper	<i>Human diets drive range expansion of megafauna-dispersed fruit species</i>	van Zonneveld, M.; Larranaga, N.; Blonder, B.; Coradin, L.; Hormaza, J.I.; Hunter, D.	PNAS 115(13) p. 3326-3331	ISSN: 0027-8424; https://hdl.handle.net/10568/93073	2018
1	Paper	<i>Mainstreaming biodiversity for food and nutrition into policies and practices: Methodologies and lessons learned from four countries</i> accepted for publication	Beltrame D., Gee E., Guner B., Lauridsen N.O., Samarasinghe W.L.G., Wasike V.W., Hunter D. & Borelli T.	Anadolu, Journal of AARI		Nov 2018
1	Paper	<i>Horticultural biodiversity to attain sustainable food and nutrition security</i>	Padulosi, S., Sthapit, B., Lamers, H., Kennedy, G. and Hunter, D.	Acta Hort. 1205, 21-34 DOI:10.17660/ActaHortic.2018.1205.3 https://doi.org/10.17660/ActaHortic.2018.1205.3		2018
1	Paper	<i>Genetic resources and potential of orphan crops for improving diets and nutrition</i> (accepted for publication)	Hunter D., Borelli T. Beltrame D.M.O., Oliveira C.N.S., Coradin L., Wasike V.W., Wasilwa L., Mwai J., Manjella A., Samarasinghe W.L.G, Madhujith T., Nadeeshani H.V.H., Tan A., Tuğrul Ay S., Güzelsoy N.,	Planta		To be published in 2019

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No	Type ¹⁵	Title	Author(s) Editor(s)	Publisher	ISBN	Publication date
			Lauridsen N., Gee E., Tartanac F.			
Brazil						
1	Website	Updates on the dedicated page about the BFN Project on MMA website	MMA	MMA		Updated in 2018
1	Website	BFN Brazil Facebook page	BFN Brazil	Facebook		Updated in 2018
1	E-news articles	"Projeto revela valor nutricional da flora nativa"	MMA	MMA		9 May 2018
1	Newspaper column	Column "Paladar" – "Livro expõe diversidade biológica e cultural"	Roberto Smeraldi	O Estado de S. Paulo		24 May 2018
1	Abstract	Brazilian underutilised species to promote dietary diversity, local food procurement, and biodiversity conservation: a food composition gap analysis delivered during the 2018 Planetary Health Annual Meeting	Beltrame, D., Oliveira, C., Borelli, T., Santiago, R., Coradin, L. and Hunter, D.	The Lancet Planetary Health, Volume 2, Supplement 1, May 2018, Page S22		May 2018
1	TV news	"Biodiversidade e Nutrição"	G1 Amazônia	G1 Amazônia		01 June 2018
1	E-news article	Extrativistas e ribeirinhos conquistam Planafe	MMA	MMA		06 June 2018
1	E-news article	Ministério publica cadernos extrativistas	MMA	MMA		08 June 2018
1	E-news articles	CECANE-UFRGS realiza atividade com frutos nativos do Rio Grande do	Rebrae	Rebrae		12 June 2018

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No	Type ¹⁵	Title	Author(s) Editor(s)	Publisher	ISBN	Publication date
		Sul durante a Semana dos Alimentos Orgânicos				
1	E-news article	As 70 frutas e plantas brasileiras que esbanjam saúde		Saude		5 June 2018
1	E-news article	Divulgada nova lista de espécies nativas	MMA	MMA		10 July 2018
1	Magazine article	Dieta Amazônica	Regina Célia Pereira	Revista Saúde é Vital		Sept 2018
1	Conference abstract	<i>Biodiversity for Food and Nutrition Project: Promoting Food and Nutritional Security through Institutional Markets in Brazil.</i> During the III International Conference on Agriculture and Food in an Urbanizing Society	Oliveira, C., Beltrame, D., Coradin, L. and Hunter, D.	UFRGS and FAO		Sept 2018
1	E-news articles	Biodiversidade na mesa do brasileiro				10 Oct 2018
1	Policy Brief	Harvesting the benefits of local foods: from healthy diets to sustainable growth	Beltrame D. M. O.; Oliveira C. N. S.; Coradin L.	Bioersivity International		Nov 2018
1	Book	Espécies nativas da flora brasileira de valor econômico atual ou potencial: plantas para o futuro: região Nordeste	Lidio Coradin, Julcéia Camillo, Frans Germain Corneel Pareyn	MMA	978-85-7738-383-2	Dec 2018
1	Book	<i>Biodiversidade Brasileira: sabores e aromas</i>	Raquel de Andrade Cardoso Santiago, Lidio Coradin;	MMA	978-85-7738-384-9	Dec 2018
1	Book chapter	<i>Biodiversidade brasileira: novas possibilidades e oportunidades</i> in 2 ^a	Beltrame D.M.O.; Oliveira C.N.S.; Coradin L.	FNDE/MEC		Dec 2018

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No	Type ¹⁵	Title	Author(s) Editor(s)	Publisher	ISBN	Publication date
		Edição Melhores Receitas da Alimentação Escolar pp. 15-24				
Kenya						
1	Conference abstract	Improving food-system efficiency and environmental conservation using agricultural biodiversity in Busia County: a pilot study	Manjella, A.; Wasike, V.; Borelli, T.; Hunter, D. (2018)	The Lancet Planetary Health 2, Suppl. 1. p. S7	ISSN: 2542-5196; https://hdl.handle.net/10568/98599	May 2018
1	Book	Kenya Food Composition Tables	Mwai J., Kimani A., Mbelenga E., Charrondiere U.R., Grande F., Rittenschober D. and Vincent A. and Murugu D.	FAO/Government of Kenya		Sept 2018
1	Book	Kenyan Food Recipes	Murugu K.D., Vincent A., Kimani A., Mbelenga E., and Mwai J.	FAO/Government of Kenya		Sept 2018
1	Conference paper	<i>Linking Farmers, Indigenous Vegetables and Schools to Improve Diets and Nutrition in Busia County, Kenya.</i> 3 rd International Conference on Agriculture and Food in an Urbanizing Society, Porto Alegre, Brazil	Wasike V., Manjella A., Wasilwa L., Hunter D.	UFRGS and FAO		Sept 2018
1	Policy Brief	Harvesting the Benefits of Local Foods: from Healthy Diets to Sustainable Growth	V. Wasike, L. Wasilwa	Bioersivity International		Nov 2018

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No	Type ¹⁵	Title	Author(s) Editor(s)	Publisher	ISBN	Publication date
Sri Lanka						
1	Oral Presentation	Composition analysis of priority agricultural biodiversity species for food and Nutrition in Sri Lanka	W.L.G. Samarasinghe, Nadeeshani, H., Kulasinghe, A. A, Silva, K.D.R.R., Wimalasiri, K.M.S, Madhujith T	Annual Scientific Sessions, The Nutrition Society of Sri Lanka		January 2018
1	Poster	Harnessing agricultural biodiversity and managing landscapes for improved nutrition and well-being in Sri Lanka	Sartaj A.B., Samarasinghe W.L.G. and Hunter D.	Planetary Health Alliance 2 nd Annual Meeting, May. Edinburgh, Scotland,	DOI:10.13140/RG.2.2.22441.90725	May 2018
1	Case study	<i>Improving food and dietary diversity among villagers through home garden diversification by promoting local agrobiodiversity</i>	W.L.G. Samarasinghe, S.H.M.R.N.P. Samaradiwakara, K.G.T.A.K. Abeywickrama D. Hunter, Madhujith, T, D.K.N.G. Pushpakumara	Postgraduate Institute of Agriculture, University of Peradeniya Ministry of Mahaweli Development & Environment		22 May 2018
1	Poster	Biodiversity for Food and Nutrition (Sinhala)	W.L.G. Samarasinghe, S.H.M.R.N.P. Samaradiwakara, K.G.T.A.K. Abeywickrama, C.B.T. Perera	BFN NPMU, NAICC, DOA		7 July 2018
1	Leaflet	Underutilized fruit crops in Sri Lanka	K. Ketapearachchi	BFN NPMU, NAICC, DOA		July 2018
1	Leaflet	Containerized planting of fruit crops	NAICC, DOA	BFN NPMU, NAICC, DOA		July 2018
1	Oral Presentation	Promoting home gardening to enhance conservation & use of agro biodiversity	W.L.G. Samarasinghe, S.H.M.R.N.P. Samaradiwakara, K.G.T.A.K.	Wayamba International Conference (Winc 2018)		25 Aug 2018


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No	Type ¹⁵	Title	Author(s) Editor(s)	Publisher	ISBN	Publication date
			Abeywickrama, D. Hunter, Madhujith, T, D.K.N.G. Pushpakumara, Sartaj A.B	Wayamba University of Sri Lanka		
1	Oral Presentation	<i>Ready to Serve Fruit drinks: A sustainable enterprise to promote underutilized fruits in Sri Lanka</i>	W.L.G. Samarasinghe, S.H.M.R.N.P. Samaradiwakara, K.G.T.A.K. Abeywickrama, D. Hunter, R. Karawita, Jayaweera, I.P, Sartaj A.B	International Symposium on investing in biodiversity and ecosystem services (ISIBES 2018) Rajarata University of Sri Lanka		18 Oct 2018
1	Oral Presentation	<i>Local root and tuber crops:for improved nutrition,well being and community development</i>	W.L.G. Samarasinghe, S.H.M.R.N.P. Samaradiwakara, K.G.T.A.K. Abeywickrama, D. Hunter, Godamulla D, Sartaj A.B.	International Symposium on investing in biodiversity and ecosystem services (ISIBES 2018) Rajarata University of Sri Lanka		18 Oct 2018
1	Oral presentation	<i>Consumer willingness to pay for additional improvement of biodiversity for food and nutrition (BFN) Food products: a case study at "hela bojun" outlets</i>	Senevirathne N.D.S.L, Samarasinghe K.P, Gunarathne L.H.P	International symposium on investing in biodiversity and ecosystem services (ISIBES 2018) Rajarata University of Sri Lanka		18 Oct 2018
2	Website information updates	<i>Ethnobotanical data on priority species</i>	BFN NPMU, NAICC, DOA	BFN NPMU, NAICC, DOA		October 2018
1	Oral Presentation Extended Abstract	<i>Evaluation and Comparison of Vitamin Profiles of Selected Traditional Yams Grown in Sri Lanka</i>	Kulasinghe, A. A, Silva, K.D.R.R., Wimalasiri, K.M.S, Madhujith T, W.L.G. Samarasinghe	Postgraduate Institute of Agriculture, University of Peradeniya		Nov 2018

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No	Type ¹⁵	Title	Author(s) Editor(s)	Publisher	ISBN	Publication date
1	Full length Journal Article	<i>Evaluation and comparison of vitamin profiles of selected traditional rice and yams grown in Sri Lanka</i>	Kualasinghe. A., Nadeeshani H., Samarasinghe. G., Silva. R., Wimalasiri. S., Madhujith, T	Post graduate Institute of Agriculture, University of Peradeniya		Nov 2018
1	Book	<i>Local traditional recipes of Sri Lanka</i>	D.S Rathnasinghe, W.L.G. Samarasinghe, A.B. Sartaj, S.H.M.R.N.P. Samaradiwakara, K.G.T.A.K. Abeywickrama	BFN NPMU	978-955-9282-44-0	30 Dec 2018
1	Book	<i>Indigeneous tuber crops that bring health and well being (Annex 3)</i>	Damayanthi Godamulla, Community Development Centre	BFN NPMU	978-955-9282-43-3	30 Dec 2018
1	Book	<i>Recipes from local yams (Annex 4)</i>	Damayanthi Godamulla Community Development Centre	BFN NPMU		30 Dec 2018
1	Book	<i>Training module on cultivation practices of Local yams</i>	Damayanthi Godamulla, Community Development Centre	BFN NPMU		30 Dec 2018
5	Radio Programs	Program on National Quiz competition on biodiversity for food and nutrition held at project pilot sites	BFN NPMU, NAICC	BFN NPMU, NAICC, DOA		Dec 2018
1	Extended Abstract	Evaluation and Comparison of vitamin profiles of selected traditional yams grown in Sri Lanka	Kualasinghe. A., Nadeeshani H., Samarasinghe. G., Silva. R., Wimalasiri. S., Madhujith, T.	<i>International research symposium on postharvest technology</i>		2018

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Name of Project Manager: Dr. Danny Hunter		Name of Project Manager Supervisor:	
Signature: 	Date: 14/03/2019	Signature:	Date:

List of Annexes

- Annex 1** Global – 7th ISC meeting report
- Annex 2a** Brazil – Food compilation data
- Annex 2b** Brazil – Food composition data
- Annex 3** Sri Lanka - Indigenous tuber crops that bring health and well-being
- Annex 4** Sri Lanka - Recipe book on local yams (in Sinhala)
- Annex 5** Sri Lanka - Local fruits brochure
- Annex 6** Sri Lanka - Abstract - Promoting home gardening to enhance conservation and use of agrobiodiversity
- Annex 7** Sri Lanka - Abstract – Local root and tuber crops: For improved nutrition, wellbeing and community development (presented at ISIBES)
- Annex 8** Sri Lanka - Abstract – Ready to serve fruit drinks; a sustainable enterprise to promote underutilized fruits in Sri Lanka
- Annex 9** Kenya – Report on the impact of linking farmer groups to markets
- Annex 10** Kenya – Study report on the feasibility of linking farmer groups to markets

For ease of use and where possible, direct links to presentations, abstracts and publications developed during the reporting period by the global and country project management units are provided throughout the document.