## **ANNUAL REPORT 2021 ANNEXES**



## **RESULTS TABLE 2021**

Result	Programme (STDF) level indicators	#	Narrative
	x markets accessed	1	One new high-value domestic market (Brasserie du Burkina Faso) identified and accessed by maize farmers in Burkina Faso (STDF/PG/566)
			Reduced interceptions of plant pests on exports of leafy vegetables (eggplant, sweet potato leaves, hibiscus, African basil) from Togo to EU.12 interceptions during the second half of 2021 against 34 in the first half. It should be noted that none of the interceptions in the second half of 2021 were due to documentary reasons. (STDF/PG/375)
		5	Reduced interceptions due to False Coddling Moth (FCM) on capsicum from 27 in 2019 to 8 in 2020 and 2021 in Uganda (STDF/PG/543)
	# of SPS non-compliance alerts/notifications		Overall drop in interceptions due to harmful organisms on fruit and vegetable exports from 89 in 2019 to 36 in 2021 in Uganda (STDF/PG/543)
			Reduction in number of interceptions and rejections of maize destined for local processing company (40 tonnes rejected in 2020, 0 rejected in 2021) thanks to use of Aflasafe and good practices (pre- and post-harvest) in Burkina Faso (STDF/PG/566)
			Reduction in number of interceptions due to the leafworm on rose flower exports had drastically reduced (from 36 in 2013 to zero in 2018) during and after the project and this was directly attributed to the continued outcomes from the project's interventions according to the project ex-post evaluation (STDF/PG/335)

Result	Programme (STDF) level indicators	#	Narrative
	Evidence of market access and exports/imports directly facilitated through STDF support, with particular attention to climate change, environment, gender and inclusion		New Zealand has experienced the following benefits with electronic exchange: - faster border clearance (ePhytos available before product – pre-clearance) - lower cost of product held at port, Importers can hold less inventory, greater certainty of product availability - during COVID where consignments have been cleared based on the electronic cert and the original paper cert can arrive at a later stage fewer physical interactions - greater confidence in authenticity of the information (less verification required of security features on the paper certs) - efficiencies at NZ border >12 minutes/cert time reduction- data analysis has shown that removing paper leads to reduced cost – approx. \$9/cert (STDF/PG/504)
		4	Launch of Zambia Electronic Single Window (ZESW) – including use of ePhytos rather than paper certificates (with support from the World Bank) – has resulted in efficiencies and cost-savings for the private sector specifically reduction of clearance time for certain products from 5-7 days to less than 24 hours. (STDF/PF/481)
			A review of the implementation of ePhyto in Morocco conducted by the Global Alliance for Trade Facilitation noted time savings for exporters of up to four days and an average savings of up to US\$556 per container (STDF/PG/504)
			Business linkages facilitated between 24 sesame [17 male, 7 female] exporters in Sudan mobilized via Chamber of Commerce network and 27 international buyers from Japan, South Korea, China, Italy and Middle East. https://hub.unido.org/news/unido-facilitates-business-linkages-sudan-international-market (STDF/PG/435)
	stainable SPS pacity in developing	7	STDF/PG/606: Mainstreaming SPS investments into CAADP and other frameworks in COMESA member states
			STDF/PG/432: Promoting IT solutions for surveillance and pest reporting
			STDF/PG/477: Improving sanitary capacity to facilitate livestock exports in Ethiopia
Programme Goal: Increased and			STDF/PG/543: Enhancing the capacity of Uganda's fruit and vegetable sector to comply with EU Phytosanitary requirements
capacity in developing countries			STDF/PG/335: Improving phytosanitary controls to boost flower exports
			STDF/PG/375: Strategy for strengthening Togo's SPS system
			STDF/PG/504: ePhyto: Enhancing safe trade in plants and plant products
	Evidence of improved implementation and/or	9	Five countries (Ethiopia, Kenya, Malawi, Rwanda and Uganda) have prioritized SPS investments for market access, produced policy briefs and piloted a decision-support software to inform decision-making. (STDF/PG/606)

Result	Programme (STDF) level indicators	#	Narrative	
	enforcement of food safety, animal and/or plant health measures		Uganda has used the P-IMA analysis to develop an SPS national action plan. (STDF/PG/606)	
	for trade, with attention to climate change,		The surveillance, data management and reporting processes developed and launched by the project have become standard operating procedures in Thailand and the Philippines (STDF/PG/432)	
	environment, gender and inclusion		29 surveillance protocols/plans developed for pests in eight countries for two export commodities (Thailand, Lao PDR, Malaysia, Myanmar, Cambodia, Vietnam, the Philippines and Papua New Guinea). In Malaysia, the government's response to the invasive "Tomato leaf miner" pest (Phthorimaea (previously Tuta absoluta)) was based on surveillance work carried out under the project. (STDF/PG/432)	
				A national chemical residues and biological hazard monitoring plan for livestock products and feed developed and operationalized in Ethiopia. Stichting Wageningen Research (SWR) of the Netherlands provided training to the Veterinary Drug and Feed Administration and Control Authority (VDFACA) staff and related stakeholders to support the operationalization of the Monitoring plan (STDF/PG/477).
				Regulatory impact assessment for SPS policy and subsequent review and re-alignment of the draft National SPS Policy and Attendant Implementation Plan. (STDF/PG/543)
			At the end of the project, an evaluation found that the project had enhanced the ability of Uganda's Department of Crop Protection to put in place systems for collaboration between the public and private sectors to such a level that phytosanitary inspections and certification of flower consignments were in line with the EU's requirements. Also, collaboration and funding mechanisms agreed upon between the farms and the Department of Crop Protection are now fostered through the Uganda Flower Exporters Association resulting in prompt action on pest notifications from the EU. Disincentives for non-compliance to agreed pest management measures have been very effective in encouraging adherence among the farm owners Post-project evaluation to assess impacts: <u>https://blog.cabi.org/2021/05/18/tackling- pests-to-boost-ugandas-blossoming-trade-in-floriculture</u> (STDF/PG/335)	
			Youth trained under project job creation and enabling access to market initiative: The project set up an Incubator for Technical Managers (comprising technical training and company placements) which trained 22 young graduates (5 women and 17 men) were trained to implement a packaging protocol developed by COLEACP for leafy vegetables. A WhatsApp group was set up to link the trained youth to potential employers requiring Food Quality, Packaging and Production Managers, who were in short supply in Togo. A proportion of the trained beneficiaries found jobs in the private sector to assist 10 Togolese companies, addressing a lack of qualified technical personnel and enabling these firms' ability to safely package their vegetables. <u>https://youtu.be/1XBDFLvm87I</u> (FR) <u>https://youtu.be/mqYoXy0gvoE</u> (EN) (STDF/PG/375)	
			OECD study published on digital opportunities for SPS systems and the trade facilitation effects of SPS electronic certification (March 2021). Highlights STDF role (eVet, ePhyto projects) in financing and influencing early pilot projects on electronic SPS certification, contributing to reduced trade costs, less use of fraudulent certificates, enhanced trust among trading partners, etc. Masamichi Kono, Deputy Secretary-General of the OECD, used his keynote speech at OECD UNFSS event (Harnessing Trade for Sustainable Food Systems Transformation) on 22 Sep. 2021 to highlight the success of the ePhyto Solution. ePhyto video clip from Korea https://www.youtube.com/watch?v=8HEK_gRNEKY (STDF/PG/504)	

Result	Programme (STDF) level indicators	#	Narrative
Outcome 1: More synergies and collaboration driving catalytic SPS improvements	Value (US\$) of new investments leveraged	US\$34.09 M	<b>Total: US\$ 34,095,000</b> US\$34, 045,000 million (estimated budgeted in-kind and/or financial resources) from external sources to approved STDF projects from 2004 to end of 2021 Approx. US\$ 50,000 leveraged from USDA for residue decline studies and additional SPS capacity development activities in Bangladesh and Pakistan.
			Partnership with IPPC Implementation and Capacity Development Committee (IC) to collect alternative surveillance apps from the IPPC Community. (STDF/PG/432)
	#, type of collaborative networks, relationships, initiatives at global, regional and/or national level that support the delivery of change in SPS systems, including attention to partnerships addressing climate change, environment, gender and inclusion	18	Engagement between the Plant Protection Directorate (DPV) of Togo and fruit & vegetable exporting companies in Lomé to promote public-private dialogue and to improve communication dynamics and relations between the DPV and operators. Discussions focused on the interception of leafy vegetables exported from Togo to the EU and the urgent measures taken to solve the problem; the ongoing development of a Good Practice Guide for leafy vegetables in Togo; the operationalisation of the mango, chilli and aubergine dossiers; and the Guide developed by COLEACP to prevent the spread of Covid-19 in businesses. This engagement also provided an opportunity to learn about the current concerns and expectations of exporters. <a href="https://news.coleacp.org/fr/promouvoir-le-dialogue-entre-la-dpv-du-togo-et-les-exportateurs-de-produits-horticoles/">https://news.coleacp.org/fr/promouvoir-le-dialogue-entre-la-dpv-du-togo-et-les-exportateurs-de-produits-horticoles/</a> (STDF/PG/375)
			The collaborative development of a five year strategic and operational plan for PQPS (Zambia's NPPO) by the NPPO and EIF National Implementation Unit (NIU). (STDF/PG/481)
			The Capsicum Dossier which outlines requirements for systems approach was produced through a collaboration with COLEACP. The dossier was approved by the EU and was a requirement following EUs 2019 Audit of Uganda's SPS compliance structures. Uganda will henceforth use the approved systems approach treatment outlined in the dossier in order to export to the EU. (STDF/PG/543)
			Established a multi-stakeholder horticulture platform called the SPS Multi-Stakeholder Forum (SPS MSP) made up of public/private sector and donors with an objective to be a platform where all stakeholders in the FFV value chain can meet and interact. Multi-stakeholder platform has over 150 members and continues to grow. As of Feb 2022, the breakdown is 78% private sector, 16% public sector, and 6% donor partners. (STDF/PG/543)
			Project trainings have catalysed two farmer platforms which facilitate dialogue between producers and with the NPPO in Uganda. (STDF/PG/543)
			A new platform for the onion value chain was set up, drawing on the experiences of the multi-stakeholder platform initiated under the project. (STDF/PG/543)

Result	Programme (STDF) level indicators	#	Narrative
			At international level, a collaboration with ILRI (Kenya) which trained 3 technical experts from Burkina Faso public institutions (Institut de l'Environnement et de Recherches Agricoles du Burkina Faso (INERA), le Laboratoire National de Santé Publique (LNSP) et l'Agence Burkinabé de Normalisation, de la Métrologie et de la qualité ABNORM). (STDF/PG/566)
			At regional level, a collaboration with IITA as part of an integrated approach to aflatoxin control for maize. (STDF/PG/566)
			<ul> <li>At national level,</li> <li>Collaboration with IRSAT (Institut de Recherches en Sciences Appliquées et Technologies) on research on biological solutions for aflatoxin control in maize</li> <li>Collaboration to equip LNSP et l'ABNORM avec VICAM to use rapid tests to quantify aflatoxin contamination in maize.</li> <li>Strengthened technical capacity of staff of public sector institutions (INERA, Société nationale de gestion des stocks de sécurité alimentaire (SONAGESS), Direction Générale de Protection des Végétaux (DGPV), Direction Générale de Promotion de l'Economie Rurale (DGPER), ABNORM) as well as private company (VELEGDA exporting cereals and oilseeds.</li> <li>Partnership 2SCALE-IITA-InnoFaso: Thanks to utilization of Aflasafe and good practices, local peanut producers are able to meet safety and quality requirements and supply local company (InnoFaso) contracted by UNICEF to produce products for food aid distribution (STDF/PG/566)</li> </ul>
			Collaborative development of new apps for identifying fruit flies. <u>https://nucleus.iaea.org/sites/naipc/twd/Lists/News/DispForm.aspx?ID=1462</u> (STDF/PG/567)
			Synergies were established with the USDA FAS-funded project "Supporting AU-IAPSC implementation of the Plant Health Strategy for Africa," being implemented by the AU-IAPSC with support from CABI. Information produced under STDF/PG/694 will be used by AU-IAPSC, RECs, and the Member States to build harmonized guidelines for testing and registration of biopesticides in the region. (STDF/PG/694)
			Collaborative networks developed with and among NPPOs of Cambodia, Indonesia, Malaysia, Sri Lanka, Bangladesh, Laos, Vietnam and Thailand. Seven (7) MOUs to facilitate in-country implementation signed between APAARI and NPPOs, (Bangladesh, Cambodia, Indonesia, Laos, Malaysia, Sri Lanka, Thailand) and one (1) research institute (Vietnam). (STDF/PG/634)
			Communication channels established by Leuven University (the project implementing agency) with 30 public and private sector laboratories in South America and globally, to carry out proficiency tests using soil samples and assess the capabilities of these laboratories to measure cadmium concentration. (STDF/PG/681)
			Developed a regional community of practice for surveillance in Central America (STDF/PG/682)

Result	Programme (STDF) level indicators	#	Narrative
			The vTPA Partnership Platform (launched 7 June 2021) promotes dialogue between food safety regulators and private sector stakeholders globally. Members include: IICA, UNIDO, AUDA-NEPAD, COLEACP, FSSC22000, Global GAP, IFS, Lloyd Register, Eurofins, Africa Union IBAR, COMESA, Land O'Lakes, SOAC (West African Accreditation System), IOSH, AgriTeam Canada, STDF Secretariat (STDF/PG/665)
			Code of Practice COP and Participatory Guarantee System (PGS)) used to strengthen networks and collaboration among diverse stakeholders in peppercorn value chain in Vietnam (Sustainable Trade Initiative / IDH project "Scaling Sustainable Production and Trade of Vietnamese pepper", companies (Simmexco, An Phong, Harris Freeman Ltd), national/provincial plant protection departments, famer associations, cooperatives) (STDF/PG/619)
			Setting up networks for exchange among food safety regulators involved in vTPA programmes in developing and developed countries (UNIDO DTA News 75/2021) (STDF/PG/665)
	Evidence of adaptation, replication, scaling of STDF approaches	4	Wider use of good practices: The methodology used to support the competent authority in the development of the mango file to meet European regulatory requirements was reused within the WACOMP project implemented by UNIDO in Guinea-Bissau to revise the phytosanitary law. EN : <u>https://youtu.be/HeO3s2FwC6c</u> . FR : <u>https://youtu.be/jBL8ZpfBfW0</u> (STDF/PG/498)
			MoFALI is scaling up the AIRS mobile app in other parts of Mongolia (STDF/PG/534)
			About 100,000 ePhytos were exchanged per month in 2021, according to the IPPC. That figure was around 50,000 certificates exchanged per month in 2020. (STDF/PG/504)
			As of December 13, 2021, 104 countries are registered with the IPPC ePhyto Solution, and more than 54 of them are using ePhyto in a business-as-usual context, allowing them to quickly, accurately exchange ePhytos with any other country in the system (STDF/PG/504)
	Evidence of the coordination and/or alignment of SPS capacity development interventions by WG members	1	The World Bank Group (WBG) is partnering with the STDF to implement this PPG "Building Phytosanitary Capacity for Small Scale Cross Border Traders in Zambia". The WBG is currently working with Zambian border authorities to implement the WTO Trade Facilitation Agreement (TFA). Part of WBGs work includes improving risk management procedures of border agencies, increasing border agency collaboration, improving access to information through a trade information portal and increasing document digitization through the establishment of a Zambia Electronic Single Window, along with the implementation of electronic phytosanitary certificates (ePhytos) for the trade in plants and plant products. (STDF/PPG/789)

Result	Programme (STDF) level indicators	#	Narrative
Outcome 2: Greater access to, and use of, good practices and knowledge products at global, regional and national level	# of people reached (disaggregated by women/men and geography/region) with STDF good practices, knowledge products	5427	<b>5427 people reached with information on STDF good practices and knowledge products10</b> senior PQPS plant health inspectors were trained in risk-based inspection which has helped to reduce notifications related to non-compliance (STDF/PG/481)2 GIZ Togo staff members participated in the first two incubator trainings to familiarize themselves with COLEACP's training approach; with a view to further strengthening the COLEACP – (STDF/PG/375) GIZ collaboration. https://news.coleacp.org/fr/miser-sur-la-jeunesse/, https://www.youtube.com/watch?v=1XBDFLvm87I, https://www.youtube.com/watch?v=6-mAy2AiT7k, https://www.youtube.com/watch?v=Gfcig1NYwp0, https://www.youtube.com/watch?v=MRI4rtQGTUI&t=17s, https://news.coleacp.org/fr/dtgo-22-jeunes-mis-a-lhonneur- lors-de-la-cloture-du-projet-pepiniere-de-responsables-techniques/, https://news.coleacp.org/fr/debut-de-la-campagne- mangue-2021-au-togo-rappel-du-dossier-mangue/, https://news.coleacp.org/fr/atelier-de-laportelf-dans-le-cadre-du- projet-stdf-au-togo/, https://news.coleacp.org/fr/debut-de-la-campagne- mangue-2021-au-togo-rappel-du-dossier-mangue/, https://news.coleacp.org/fr/atelier-de-laportelf-dans-le-cadre-du- projet-stdf-au-togo/, https://news.coleacp.org/fr/debut-de-la-campagne- mangue-2021-au-togo-rappel-du-dossier-mangue/, https://news.coleacp.org/fr/atelier-de-laportelf-dans-le-cadre-du- projet-stdf-au-togo/, https://news.coleacp.org/fr/debut-de-la-campagne- mangue-2021-au-togo-rappel-du-dossier-mangue/, https://news.coleacp.org/fr/atelier-de-laportelf-dans-le-cadre-du- produits-horticoles/, 30 extension officers trained in a joint ToT by UNIDO and FAO in collaboration with the Agricultural Research Corporation (ARC) and state governments (STDF/PG/447) 27 potential buyers (from EU, Japan, Korea, China and Middle East) participated in a business-to-business event (STDF/PG/447) 12 facilitators completed the training program and have been accredited as Beyond Compliance Facilitators by the IPPC Secretariat and included in the roster of the International Phytos
	% of people reached (disaggregated by women/men and geography/region) reporting minimum satisfaction threshold with STDF good practices and knowledge products	NA	
	# of downloads of different types of knowledge products from website, disaggregated by geography	15,410	15410 downloads 20% from Europe 31% from Asia-Pacific 14% from North America 19% from Africa 16% from South America, Central America, Caribbean

Result	Programme (STDF) level indicators	#	Narrative
	Evidence of uptake and application of good		NPPO in Israel used the tools on pest status, surveillance and systems approaches to visualize the citrus production chain in Israel, identify and evaluate alternative phytosanitary measures and adopt a systems approach, which enabled Israel to re-establish trade with the European Union. Webinar: www.ippc.int/news/webinar-introducing-ippc-capacity-development-tools-generates-global-interest (STDF/PG/503)
	practices and knowledge products produced by STDF to inform and support SPS capacity	4	SOP for animal registration and identification updated and tested with herders in rural areas (STDF/PG/534)
	development led by global / regional / national bodies		Use of biopesticides to reduce trade barriers shared APAARI (STDF/PG/634)
			Producers, processors, traders, have adopted good practices from production to commercialization (STDF/PG/566)
Output: STDF Global Platform - Dialogue and exchange among WG Members and with other relevant organizations	# and type of STDF meetings / year	72	2 Working Group meetings; 7 Practitioner Group meetings (3 PPP, 2 ECAC, 2 P-IMA); 63 other STDF events
	# of participants (quantity) in online or physical STDF events, disaggregated by location, gender and type of participants	5415	<ul> <li>5415 participants</li> <li>140 Participants across the two WG meetings representing 6 regions (North America, Europe, Asia, Africa, South and Central America, and Oceania).</li> <li>87 experts from 44 organizations met in three STDF Practitioner Groups. These online communities identified opportunities for synergies, innovation and collaboration to benefit their own organizations and SPS stakeholders on the ground.</li> <li>5,188 participants from STDF events</li> </ul>
Output: STDF knowledge work, publications, good	# and type of STDF knowledge products completed/published	9	GRP Guide

Result	Programme (STDF) level indicators	#	Narrative
practice briefings, films, etc. produced			Shaping a safer world film <a href="https://www.youtube.com/c/STDFvideos">https://www.youtube.com/c/STDFvideos</a>
			Regional pest information framework and P-Tracker app set up including simple protocols for data exchange with national systems (STDF/PG/342)
			A Laboratory Information Management Systems (LIMS) has been installed in the VDFACA laboratory in Ethiopia (STDF/PG/477)
			14 SOPs/guidelines updated and/or developed (covering animal inspection, meat inspection, livestock handling, animal handling, meat cold chains, export abattoirs, meat quality, meat transportation, other topics, etc.) (STDF/PG/477)
			Infographic video on a system's approach "Understanding systems approach"(STDF/PG/503) IPPC video on Understanding Systems Approach (STDF/PG/503)
			Training modules developed on package of practices for four spices. GAP developed for black pepper, Coriander, Cumin and Fennel. GHP developed for black pepper, coriander, cumin and fennel (STDF/PG/517)
			Mobile app (software and database) developed and launched in 2021 for improved AIRS (STDF/PG/534)

Result	Programme (STDF) level indicators	#	Narrative
			Mobile application developed (and freely available) for the identification and early detection of invasive species with a potential economic impact on the horticultural industry in in Sub-Sahara Africa. The app helps to identify 29 species of fruit flies (Diptera, Tephritidae, Dacinae), and can be used by NPPOs, research institutions, field workers and the horticultural industry as a whole in Africa. <u>https://play.google.com/store/apps/details?id=com.lucidcentral.mobile.fruit_flies_africa_https://apps.apple.com/app/key-selected-fruitflies-africa/id1600205756 (STDF/PG/567)</u>
			GRP Guide addressed gender equality in the context of developing and implementing SPS measures
		5	"Shaping a safer world" linked SPS capacity development challenges to climate change.
	# knowledge products that address climate change, environment, inclusion or gender equality		Regional pest information framework and P-Tracker app set up including simple protocols for data exchange with national systems (STDF/PG/342)
			Mobile application developed (and freely available) for the identification and early detection of invasive species
			14 SOPs/guidelines updated and/or developed (covering animal inspection, meat inspection, livestock handling, animal handling, meat cold chains, export abattoirs, meat quality, meat transportation, other topics, etc.) (STDF/PG/477)
Output: SPS assessments and			STDF/PG/761: Applying the P-IMA framework in Armenia to promote export of agricultural products
feasibility studies # PPGs appro	# PPGs approved for STDF funding	, , , , , , , , , , , , , , , , , , ,	STDF/PG/768: Harmonizing the phytosanitary legislation framework in Central Africa
			STDF/PG/786: Supporting implementation of the National Policy for Aflatoxin Control in Food and Feed in Ghana using the P-IMA framework

Result	Programme (STDF) level indicators	#	Narrative
			STDF/PG/770: Voluntary food quality control in West Africa through digitisation
			STDF/PG/782: Remote inspection practices in food safety for improved trade
			STDF/PG/773: SPS needs assessment for private and public actors in the Burundian horticultural sector
			STDF/PG/789: Capacity building on SPS measures to improve compliance of cross-border traders in Zambia (to be financed by WBG)
			STDF/PG/809: Regional approach towards addressing invasive quarantine pests of potato in East and Southern Africa
			STDF/PG/817: Application of the Phytosanitary Capacity Evaluation (PCE) tool and preparation of a proposal to improve plant health systems for trade in Nigeria
	# PPG completed	NA	No PPGs completed in 2021
	% of PPGs meeting minimum STDF assessment threshold	NA	No PPGs completed in 2021
			STDF/PG/672: Meeting sanitary standards to improve the safety of shellfish in Senegal and boost market access
Output: Innovative and collaborative SPS capacity development projects implemented	# PGs approved for STDF funding	4	STDF/PG/759: Ensuring food safety capacity of the pepper value chain in Jamaica to access strategic export markets
projects implemented			STDF/PG/751: Strengthening the phytosanitary and food safety system in key value chains

Result	Programme (STDF) level indicators	#	Narrative
			STDF/PG/798: Improving pig biosecurity and African Swine Fever (ASF) control in 4 ASEAN countries: Vietnam, Laos, Cambodia, Philippines
	# PGs completed	1	STDF/PG/503: Rolling out a systems approach globally
	% of PGs meeting minimum STDF assessment threshold	100%	Based on STDF survey for completed PGs, all completed PGs in 2020 (3 PGs, PGs 504, 578, 609) and 2021 (1 PG, PG 503) met the minimum STDF assessment threshold of 70% based on quality of delivery, effectiveness of PG intervention, relevance, involvement of relevant national and regional stakeholders etc.