

## **BAFS LOGICAL FRAMEWORK 2023-2028**

The Bureau of Agriculture and Fisheries Standards, in support of the implementation of the Philippine Development Plan 2023-2028, particularly Chapter 3 (Reduce Vulnerabilities and Protect Purchasing Power) Outcome 2 (Access of Consumers to Affordable, Safe, and Nutritious Food Expanded) and Chapter 5 (Modernize Agriculture and Agribusiness) Outcome, hereby establishes this Logical Framework 2023-2028. The Logical Framework is also the Bureau's commitment to contribute to the agriculture sector goals of food- and nutrition-secure, resilient Philippines with empowered and prosperous farmers and fisherfolk.

This Logical Framework contributes to the Department of Agriculture's strategic agenda of (1) ensuring accessibility to affordable, safe, and nutritious food that benefits all Filipinos, and (2) institutionalizing policy reforms and strengthening institutions to enhance efficiency and accelerate the modernization of the sector. The Logical Framework will steer and guide the BAFS Divisions, namely (1) Standards Research Division, (2) Standards Development Division, (3) Technical Services Division, and (4) Organic Agriculture Division in developing and implementing programs/activities/projects that will contribute to the overall goals of the Bureau on ensuring consumer health and safety and global competitiveness of agriculture and fishery products and machinery and infrastructure.

### **GOAL**

**Safe, quality, and globally competitive agriculture and fishery products and machinery**

	Narratives	Indicators	Baseline and Target	Timing of Reporting	Means of Verification	Responsible Division	Risks and Assumptions
<b>Key Strategy 1: Institutionalize the use of science-based Philippine National Standards (PNS) in DA regulations and policies on food safety and quality</b>							
<b>OUTCOME 1</b>							
I.A	Increased conformance with PNS on food safety and quality	Percent (%) of developed PNS are used by DA regulatory agencies, DA RFOs, and DA partner agencies as basis/reference for their regulations, knowledge products (KP) and learning and development (L&D) activities	<p><b>Baseline:</b> 105 out of 347 PNS, or 32% promoted from 2020-2022 121 out of 347 PNS or 35% adopted to technical regulations as of 2022</p> <p><b>Target:</b> 5% annual increase equating to 60% by 2028</p> <p><b>Justification:</b> A 5% annual increase in the promotion of standards ensures the viability and quality of the intervention. A stakeholder mapping will be conducted based on the level of interest and influence. Methods of engagement will be based on the results of stakeholder mapping. The L&amp;D activities will be expanded from seminars/webinars to mentoring sessions or capacity building with DA FSRAs and other regulatory agencies. The previously developed KP and those pipelined for development will be used as part of the modules. The Division will continue conducting webinars for agri-professionals, academe, private stakeholders, and popular standards formats for consumers.</p>	Annual	<ol style="list-style-type: none"> <li>1. DA regulatory and other partner agency reports</li> <li>2. Database of certified farms, registered producers, etc</li> <li>3. Technical regulations and knowledge products citing PNS requirements</li> <li>4. Webinar recordings</li> </ol>	Technical Services Division	<p><b>RISKS</b></p> <ol style="list-style-type: none"> <li>1. The voluntary nature of standards.</li> <li>2. Reliability, validity, and consistency of reporting, and monitoring and evaluation system reports</li> <li>3. No consensus in addressing food safety and quality issues</li> <li>4. Lack of sufficient data to address food safety and quality issues</li> <li>5. Limited knowledge of DA regulatory agencies on the principle of adoption of PNS to mandatory regulations</li> </ol> <p><b>ASSUMPTIONS</b></p> <ol style="list-style-type: none"> <li>1. Reporting, monitoring, and evaluation system in place and maintained</li> <li>2. Consensus reached in addressing food safety and quality issues</li> <li>3. Established mechanism for adopting PNS into technical regulations/SPS measures</li> <li>4. Data on certified farms, registered producers, etc are publicly available and updated</li> </ol>
<b>OUTPUT</b>							
I.A.1	PNS for agriculture and fishery products and machinery and infrastructure established	Number of PNS for agriculture and fishery products and machinery and infrastructure established	<p><b>Baseline:</b> 2018 - 43 PNS 2019 - 30 PNS 2020 - 24 PNS 2021 - 32 PNS 2022 - 39 PNS</p> <p><b>Target:</b> 132 established product standards by 2028 (At least 50% of the annual target is food safety-related) 2023 - 20 PNS 2024 - 20 PNS 2025 - 20 PNS 2026 - 22 PNS 2027 - 24 PNS 2028 - 26 PNS</p> <p><b>Justification:</b> The annual target of 20 will be maintained until 2025, after which a 10% increase on annual targets from 2026-2028 will be observed as submitted under the Philippine Plan of Action for Nutrition (PPAN)</p> <p>Further, the baseline data presented is based on the 5-year period actual accomplishments of SDD, which on average is 33 PNS per year. This is comparable to the SDD internal targets of 30 PNS per year from CY 2023-2026, subject to review. The 6-year period Targets reflect the number of committed targets to DA and PPAN of 20 PNS per year with 10% increase starting from CY 2026-2028.</p>	Annual	<ol style="list-style-type: none"> <li>1. Memorandum for Approval of PNS signed by the DA Secretary</li> <li>2. SDD Accomplishment Report</li> <li>3. List of Approved PNS</li> </ol>	Standards Development Division	<p><b>RISKS</b></p> <ol style="list-style-type: none"> <li>1. Poor reporting and monitoring and evaluation system</li> <li>2. High and frequent turnover of Contract of Service (COS) that could cause a delay in the standards development process due to lack of plantilla position</li> </ol> <p><b>ASSUMPTIONS</b></p> <ol style="list-style-type: none"> <li>1. Enough resources (e.g. manpower, infrastructure, and financial) to meet the annual target of PNS development</li> </ol>

	Narratives	Indicators	Baseline and Target	Timing of Reporting	Means of Verification	Responsible Division	Risks and Assumptions
I.A.2	PNS promoted through development of KP and conduct of L&D activities	Number of PNS promoted through development of KP and conduct of L&D activities	<p><b>Baseline:</b> 105 out of 347 PNS, or 32% promoted as of 2020-2022.</p> <p><b>Target:</b> 60% of adopted PNS by 2028: 2023 - 35% - 17 new standards (122 Total PNS promoted) 2024 - 40% - 25 new standards (145 Total PNS promoted) 2025 - 45% - 27 new standards (174 Total PNS promoted) 2026 - 50% - 30 new standards (204 Total PNS promoted) 2027 - 55% - 31 new standards (235 Total PNS promoted) 2028 - 60% - 33 new standards (268 Total PNS promoted) **Assumption: Additional 20 PNS is added every year based on the target of SDD</p> <p><b>Justification:</b> A 5% annual increase in the promotion of standards ensures the viability and quality of the intervention. A stakeholder mapping will be conducted based on the level of interest and influence. Methods of engagement will be based on the results of stakeholder mapping. The L&amp;D activities will be expanded from seminars/webinars to mentoring sessions or capacity building with DA FSRAs and other regulatory agencies. The previously developed KP and those pipelined for development will be used as part of the modules. The Division will continue conducting webinars for agri-professionals, academe, private stakeholders, and popular standards formats for consumers.</p>	Annual	<ol style="list-style-type: none"> <li>1. DA regulatory agency reports</li> <li>2. Focus Group Discussions (FGD) reports</li> <li>3. Activity Reports / Training Reports</li> <li>4. Annual report of conducted L&amp;D activities</li> <li>5. Published knowledge products</li> <li>6. L&amp;D recordings; AVPs;</li> </ol>	Technical Services Division	<p><b>RISKS</b></p> <ol style="list-style-type: none"> <li>1. Limited awareness of DA regulatory agencies and DA RFOs on approved PNS</li> <li>2. Varying level of understanding of DA regulatory agencies and DA RFOs on approved PNS</li> </ol> <p><b>ASSUMPTIONS</b></p> <ol style="list-style-type: none"> <li>1. Awareness of DA regulatory agencies on approved PNS and use it in capacity building</li> </ol>
I.A.3	PNS-related policy recommendations endorsed	Number of PNS-related policy recommendations endorsed	<p><b>Baseline:</b> average of 2 every year from 2020-2022</p> <p><b>Target:</b> At least 6 per year subject to increase</p> <p><b>Justification:</b> The increase in target takes into consideration the number of PNS-related policy recommendations or position papers endorsed from January-February 2023.</p>	Annual	<ol style="list-style-type: none"> <li>1. Reports</li> <li>2. Approved policy issuance</li> <li>3. Approved technical bulletins</li> <li>4. Position paper submitted</li> </ol>	Technical Services Division	<p><b>RISKS</b></p> <ol style="list-style-type: none"> <li>1. Data and relevant literature are not available.</li> <li>2. Lack of support or reluctance from DA regulatory agencies to use PNS as the basis of their mandatory regulations</li> <li>3. Lack of system in crafting policy recommendation</li> </ol> <p><b>ASSUMPTIONS</b></p> <ol style="list-style-type: none"> <li>1. Reliable and valid data as well as relevant literature are available as references.</li> <li>2. Systematic procedure in crafting policy recommendations has been developed and implemented</li> <li>3. Awareness and willingness of DA regulatory agencies to use PNS as the basis of their mandatory regulations/SPS measures</li> </ol>
<b>OUTCOME 2</b>							
I.B	Increased compliance with organic agriculture regulations	Percent (%) increase of certified organic producers and input products (OSA and OBCA)	<p><b>Baseline:</b> 19.60% average increase per 2011-2022 certified organic producers (total of 332)</p> <p><b>Target:</b> At least 20% increased based from the baseline by 2028</p> <p><b>Justification:</b> OAD 2011-2022 data (total of 332 certified organic producers) show that there is an average of 64.92 certified organic producers yearly, and 19.6% average increase yearly. The 2022 data of new 94 certified organic producers include both the third-party and PGS certifications.</p>	Annual	1. List/Database/Registry	Organic Agriculture Division	<p><b>RISKS</b></p> <ol style="list-style-type: none"> <li>1. Non-compliance with relevant organic agriculture regulations</li> <li>2. Poor monitoring and post-market surveillance</li> <li>3. Commercialization and proliferation of unauthorized organic inputs and products</li> <li>4. Failure to punish/sanction violators</li> </ol> <p><b>ASSUMPTIONS</b></p> <ol style="list-style-type: none"> <li>1. Increase the number of certified organic producers (farms and input producers)</li> <li>2. Increase the number of accredited core PGS groups as OCBs</li> </ol>

	Narratives	Indicators	Baseline and Target	Timing of Reporting	Means of Verification	Responsible Division	Risks and Assumptions
<b>OUTPUT</b>							
I.B.1	Regulatory documents of compliance related to organic agriculture issued	Number of accreditation certificates issued to third-party organizations and core Participatory Guarantee Systems (PGS) groups	<p><b>Baseline:</b> 2022 (7 Accredited OCB)</p> <p><b>Target:</b> 2023 - 50 Accredited OCB 2024 - 50 Accredited OCB 2025 - 50 Accredited OCB 2026 - 50 Accredited OCB 2027 - 50 Accredited OCB 2028 - 50 Accredited OCB</p> <p><b>Justification:</b> The target was approved by the NOAB and instructed by the Chairperson of the Senate Committee on Agriculture Food</p>	Semi-Annual	1. List/Database/Registry 2. Accreditation certificates	Organic Agriculture Division	<p><b>RISKS</b></p> <ol style="list-style-type: none"> <li>1. Inaccessible and poor maintenance of the electronic/online registration system</li> <li>2. Poor data management system</li> <li>3. Lack of relevant technical regulations to support accreditation, certification, and registration processes</li> <li>4. Failure to comply and/or maintain compliance with PNS and technical regulations relevant to organic agriculture</li> </ol>
		Number of Participatory Organic Certificates (POC) issued to organic farmer-members of core PGS groups	<p><b>Baseline:</b> 2022 (9 core PGS groups with 5 certified organic farmer-members each) Total: 45 certified organic farm-members of core PGS groups</p> <p><b>Target:</b> 2023: 250 farmer-members of 50 new core PGS groups 2024: 250 farmer-members of 50 new core PGS groups 2025: 250 farmer-members of 50 new core PGS groups 2026: 250 farmer-members of 50 new core PGS groups 2027: 250 farmer-members of 50 new core PGS groups 2028: 250 farmer-members of 50 new core PGS groups</p> <p><b>Justification:</b> The target was based on the OAD-Roll-Out Plan from 2021 - 2025</p>	Semi-Annual	1. List/Database/Registry 2. Participatory organic certificates	Organic Agriculture Division	<ol style="list-style-type: none"> <li>5. Failure to comply and/or maintain compliance with producers' quality management system (manual of operations and internal standards)</li> <li>6. Suspension or withdrawal of accreditation of existing OCBs due to failure to continuously fulfill the requirements of accreditation</li> <li>7. No applications received</li> </ol> <p><b>ASSUMPTIONS</b></p> <ol style="list-style-type: none"> <li>1. Established electronic/online registration system</li> <li>2. Streamlined requirements and procedures</li> <li>3. Strengthened coordination with DA RFO Regulatory Division</li> <li>4. Intensified awareness campaign on organic agriculture regulations</li> <li>5. Readiness of core PGS groups for certification and accreditation</li> </ol>
		Number of Registration (COR/CPR) issued	<p><b>Baseline:</b> 32 Registration were issued in 2022 for OSA and OBCA producers (COR) and products (CPR); and at least 10% average increase per year (2015-2022 data; COR for organic farms excluded)</p> <p><b>Target:</b> 2023 - 30 Registered OSA/OBCA 2024 - 33 Registered OSA/OBCA 2025 - 36 Registered OSA/OBCA 2026 - 40 Registered OSA/OBCA 2027 - 44 Registered OSA/OBCA 2028 - 48 Registered OSA/OBCA</p> <p><b>Justification:</b> The 30 targets (combination of COR and CPR for OSA and OBCA; excluding COR for organic farms) for 2023 are already submitted targets to DA-OSEC based on the previous years accomplishments data. For 2024, the 2023 target (current year) was used as baseline with 10% increase. Same applies for 2025-2028, each preceding year was used as baseline with increase of at least 10% per year.</p>	Semi-Annual	1. List/Database/Registry 2. Certificate of Product Registration (OSA and OBCA) 3. Certificate of Registration (OSA and OBCA)	Organic Agriculture Division	<ol style="list-style-type: none"> <li>6. Increase the number of the third-party organization as OCB</li> <li>7. Sustained number of clients, both for new and existing OCBs (third-party organizations and core PGS groups)</li> </ol>

	Narratives	Indicators	Baseline and Target	Timing of Reporting	Means of Verification	Responsible Division	Risks and Assumptions
		Number of Organic Input Importation/Exportation Clearance/Permit issued	<p><b>Baseline:</b> Average of 28 yearly with at least 10% increase per year (2020-2022 Data).</p> <p><b>Target:</b> 2023 - 30 Organic Input Importation/Exportation Clearance/Permit 2024 - 33 Organic Input Importation/Exportation Clearance/Permit 2025 - 36 Organic Input Importation/Exportation Clearance/Permit 2026 - 40 Organic Input Importation/Exportation Clearance/Permit 2027 - 44 Organic Input Importation/Exportation Clearance/Permit 2028 - 48 Organic Input Importation/Exportation Clearance/Permit</p> <p><b>Justification:</b> The 30 targets for 2023 are already submitted targets to DA-OSEC based on the previous years accomplishments data. For 2024, the 2023 target (current year) was used as baseline with 10% increase. Same applies for 2025-2028, each preceding year was used as baseline with increase of at least 10% per year.</p>	Semi-Annual	1. List/Database/Registry 2. Organic Input Importation/Exportation Clearance/Permit	Organic Agriculture Division	
I.B.2	Certified organic producers, produce and inputs monitored	Number of organic agricultural and fishery facilities monitored and/or inspected with reports issued	<p><b>Baseline:</b> 2022 (5 OA farms monitored and or inspected)</p> <p><b>Target:</b> 2023: 8 farms and facilities 2024: 50 farms and facilities 2025: 50 farms and facilities 2026: 50 farms and facilities 2027: 50 farms and facilities 2028: 50 farms and facilities</p> <p><b>Justification:</b> The monitoring targets ever since are based on available annual budget. The 8 targets (farms) for 2023 is an increase based on available budget for the year; also a subitted target to DA-OSEC. However, starting 2024, certified organic farmers shall be monitored annually (with an assumption of 5 members of 10 PGS groups).</p>	Semi-Annual	1. Reports	Organic Agriculture Division	<p><b>RISK</b></p> <ol style="list-style-type: none"> <li>Poor data management system</li> <li>Lack of relevant technical regulations to support monitoring activity and provision of technical assistance</li> <li>Failure to maintain compliance by organic producers with organic agriculture regulations</li> <li>No available inspectors for the conduct of immediate monitoring and pre-inspection</li> </ol> <p><b>ASSUMPTIONS</b></p> <ol style="list-style-type: none"> <li>Strengthened coordination with DA RFO Regulatory Division</li> <li>Willingness of core PGS groups to be pre-inspected</li> <li>Available inspectors for monitoring and pre-inspection</li> </ol>
		Number of organic agricultural and products monitored and/or inspected with reports issued	<p><b>Baseline:</b> 2018 - 2023 (an average of 14 products monitored)</p> <p><b>Target:</b> 2023: 16 products 2024: 16 products 2025: 17 products 2026: 19 products 2027: 21 products 2028: 23 products</p> <p><b>Justiication:</b> The monitoring targets ever since are based on available annual budget. The 16 targets (OSA/OBCA products) for 2023 are based on available budget for the year; also a subitted target to DA-OSEC. Starting 2025, an increase to targets was prioritized and will be provided with corresponding budget.</p>	Semi-Annual	1. Reports	Organic Agriculture Division	

	Narratives	Indicators	Baseline and Target	Timing of Reporting	Means of Verification	Responsible Division	Risks and Assumptions
I.B.3	Technical assistance related to compliance with OA regulations provided	Number of core PGS groups for certification and/or accreditation assisted	<p><b>Baseline:</b> 2022 (33 core PGS groups assisted)</p> <p><b>Target:</b> 2023: 50 core PGS groups 2024: 50 core PGS groups 2025: 50 core PGS groups 2026: 50 core PGS groups 2027: 50 core PGS groups 2028: 50 core PGS groups</p> <p><b>Justification:</b> The target was approved by the NOAB and instructed by the Chairperson of the Senate Committee on Agriculture Food</p>	Semi-Annual	1. Reports (e.g pre-inspection)	Organic Agriculture Division	<p><b>RISK</b></p> <ol style="list-style-type: none"> <li>Poor data management system</li> <li>Lack of relevant technical regulations to support monitoring activity and provision of technical assistance</li> <li>Failure to maintain compliance by organic producers with organic agriculture regulations</li> <li>No available inspectors for the conduct of immediate monitoring and pre-inspection</li> </ol> <p><b>ASSUMPTIONS</b></p> <ol style="list-style-type: none"> <li>Strengthened coordination with DA RFO Regulatory Division</li> <li>Willingness of core PGS groups to be pre-inspected</li> <li>Available inspectors for monitoring and pre-inspection</li> </ol>
<b>OUTCOME 3</b>							
I.C	Increased scientific research on PNS on food safety and quality	Percent (%) of PNS on food safety and quality with supporting scientific reports	<p><b>Baseline:</b> 30% (6/20) PNS with scientific reports in 2022</p> <p><b>Target:</b> At least 83% (110/132) of PNS with supporting Scientific Reports completed by 2028 2023 - 10 2024 - 16 2025 -18 2026 - 20 2027 - 22 2028 -24</p> <p><b>Justification:</b> The number of targets is based on the baseline data and manpower resources (average of at least 2 scientific reports per technical personnel), with 10% increment every year. Scientific reports include technical reports to support the development of standards, policy recommendations, and position papers that may be required under the different Codex Sub Committees and requested by the DA Policy and Planning Office and other DA Agencies.</p>	Annual	1. Inventory of Scientific Reports supporting the development of food safety PNS	Standards Research Division	<p><b>RISKS</b></p> <ol style="list-style-type: none"> <li>Report provides limited support to standards development due to limited information and communication with experts, requesting parties, and other relevant stakeholders affecting the quality and timeliness of reports</li> </ol> <p><b>ASSUMPTIONS</b></p> <ol style="list-style-type: none"> <li>Available and accessible quality data</li> <li>Available and cooperative experts</li> <li>Research topics-are prioritized based on the need of the Standards Development Division, and on the Codex priority list.</li> <li>Timely submission of requests</li> <li>Strong coordination with relevant stakeholders</li> </ol>
<b>OUTPUT</b>							
I.C.1	Scientific reports to support PNS development on food safety and quality endorsed	Number of scientific reports to support PNS development endorsed	<p><b>Baseline:</b> 6 scientific reports</p> <p><b>Target:</b> At least 110 Scientific Reports endorsed by 2028 2023 - 10 2024 - 16 2025 -18 2026 - 20 2027 - 22 2028 -24</p> <p><b>Justification:</b> The number of targets is based on the baseline data and manpower resources (average of at least 2 scientific reports per technical personnel), with 10% increment every year. Scientific reports include technical reports to support the development of standards, policy recommendations, and position papers that may be required under the different Codex Sub Committees and requested by the DA Policy and Planning Office and other DA Agencies.</p>	Annual	1. Scientific Reports	Standards Research Division	<p><b>RISKS</b></p> <ol style="list-style-type: none"> <li>Delay in delivery of target due to difficulty in accessing quality data</li> <li>Unavailability of resources</li> </ol> <p><b>ASSUMPTIONS</b></p> <ol style="list-style-type: none"> <li>Available and accessible quality data</li> <li>Available resources (e.g. manpower, infrastructure, and financial) to conduct Field Data Gathering activities and other research-related activities (e.g. statistics software, appropriate competence in manpower).</li> <li>Available and cooperative experts</li> </ol>

	Narratives	Indicators	Baseline and Target	Timing of Reporting	Means of Verification	Responsible Division	Risks and Assumptions
<b>OUTCOME 4</b>							
II.A	Increased harmonization/alignment of PNS with international and regional standards	Percent (%) of PNS harmonized/aligned with applicable international and regional standards	<p><b>Baseline:</b> 60% of relevant PNS (129) harmonized with applicable regional and international standards (216) in 2022</p> <p><b>Target:</b> At least 10% increase of relevant PNS (153) harmonized with applicable regional and international standards (216) by 2028</p> <p><b>Justification:</b> An increase of 2% or 4 PNS from 2023-2028 considering the SDD Inventory of Applicable International and Regional Standards as of 2022 and SDD Priority List for CY 2023-2026.</p> <p>2023 - 62% (133 PNS) 2024 - 64% (137 PNS) 2025 - 66% (141 PNS) 2026 - 68% (145 PNS) 2027 - 69% (149 PNS) 2028 - 70% (153 PNS)</p>	Annual	1. SDD Inventory of Applicable International and Regional Standards	Standards Development Division	<p><b>RISKS</b></p> <ol style="list-style-type: none"> <li>1. On-going work/revision on the base standard (Codex/ASEAN)</li> <li>2. Lack of experts and resources for the adoption of standards</li> </ol> <p><b>ASSUMPTIONS</b></p> <ol style="list-style-type: none"> <li>1. Inclusion of applicable international and regional standards for adoption in the SDD priority list</li> <li>2. Availability of experts and resources for the adoption of standards</li> </ol>
<b>OUTPUT</b>							
II.A.1	PNS harmonized/aligned with international and regional standards	Number of PNS harmonized/aligned with international and regional standards	<p><b>Baseline:</b> 7 relevant PNS harmonized with applicable international and regional standards in 2022</p> <p><b>Target:</b> At least 24 relevant PNS harmonized with international and regional standards by 2028</p> <p>2023 - 4 PNS 2024 - 4 PNS 2025 - 4 PNS 2026 - 4 PNS 2027 - 4 PNS 2028 - 4 PNS</p> <p><b>Justification:</b> An increase of 1% or 1 PNS and 2% or 3 PNS from 2023-2028 for ASEAN and Codex Standards, respectively, considering the SDD Inventory of Applicable International and Regional Standards as of 2022 and SDD Priority List for CY 2023-2026.</p> <p>The Baseline Data is based on the number of adopted Codex and ASEAN Standards from 2022 and the targets for CY 2023-2025. It was observed that on average 3-4 Codex and ASEAN Standards combined are adopted as PNS per year (3 Codex and 1-2 ASEAN). As a conservative estimate and considering current capacity, we targeted 10% (24 PNS) overall increase harmonization as reflected above in Item II.A. We distributed it at 4 PNS per year for the 6-year period. Our current harmonization is at 60% or 129 PNS out of the 216 applicable Codex and ASEAN Standards as of 2022. Targeted to be at 153 PNS out of 216 by 2028, subject to updating.</p>	Annual	1. Accomplishment report 2. SDD Inventory of Applicable International and Regional Standards	Standards Development Division	<p><b>RISKS</b></p> <ol style="list-style-type: none"> <li>1. On-going work/revision on the base standard (Codex/ASEAN)</li> <li>2. Lack of experts and resources for the adoption of standards</li> </ol> <p><b>ASSUMPTIONS</b></p> <ol style="list-style-type: none"> <li>1. Inclusion of applicable international and regional standards for adoption in the SDD priority list</li> <li>2. Availability of experts and resources for the adoption of standards</li> </ol>

	Narratives	Indicators	Baseline and Target	Timing of Reporting	Means of Verification	Responsible Division	Risks and Assumptions
<b>Key Strategy 2: Mainstream innovations to modernize the development and promotion of standards and implementation of organic agriculture regulations</b>							
<b>OUTCOME 5</b>							
II.B	Increased innovation on PNS research, development and promotion and organic agriculture regulations	Database system on PNS research established and maintained	<p><b>Baseline:</b> None</p> <p><b>Target:</b> At least 1 Standards Research Database established and maintained by 2028</p> <p><b>Justification:</b> No baseline data. Activities on its establishment are targeted between 2023-2027</p>	Annual	1. Literature and data sets downloaded/issued from database system	Standards Research Division	<p><b>RISKS</b></p> <p>1. The developed database provides limited support to end-users due to insufficient data file storage, manpower issues, and limited testing during program development</p> <p><b>ASSUMPTIONS</b></p> <p>1. Sufficient resources (hardware, software, and peopleware)</p> <p>2. Cooperation of relevant stakeholders and end-users during the design, planning, testing, and operation stages</p>
		Percent (%) of PNS development support processes systematized	<p><b>Baseline:</b> 25% (2 out of 8) of identified PNS development support process systematized in 2022 (SG no. 1 - Writing the Philippine National Standards [PNS], SG no. 2 - Technical Working Group (TWG) for the Development of Philippine National Standards [PNS])</p> <p><b>Target:</b> 100% (8 out of 8) of identified PNS development support process systematized by 2028; 12.5% (1 SG) of identified PNS development support process systematized annually starting 2023</p> <p><b>Justification:</b> Part of process innovation for standards development</p>	Annual	1. Approved Standardization Guides	Standards Development Division	<p><b>RISKS</b></p> <p>1. Increase in workload related to core functions</p> <p>2. Changes in the standards development process</p> <p><b>ASSUMPTIONS</b></p> <p>1. Enough resources (e.g. manpower, infrastructure, and financial) to meet the target</p> <p>2. Standardization Guides are developed and implemented</p>
		Online learning system developed and maintained	<p><b>Baseline:</b> No baseline data yet</p> <p><b>Target:</b> 1 online learning platform established and maintained by 2028</p> <p><b>Justification:</b> The online self-learning tool will be internally developed and will not entail a subscription to LMS to ensure the sustainability of the online courses. At least five modules related to PNS and organic regulations will be uploaded.</p>	Annual	<p>1. Online learning system website visitors/enrollees</p> <p>2. Certificates issued through the online learning platform</p> <p>3. modules uploaded or approved courses</p>	Technical Services Division	<p><b>RISKS</b></p> <p>1. Modules and courses are not yet finalized</p> <p>2. Digital system is not yet developed</p> <p><b>ASSUMPTIONS</b></p> <p>1. Modules and courses are ready and launched</p> <p>2. Online platform is already identified and developed</p>
		Regulatory processes related to registration digitally transformed	<p><b>Baseline:</b> None</p> <p><b>Target:</b> At least 4 regulatory processes related to registration are digitalized and maintained by 2028</p> <p><b>Justification:</b> The regulatory processes refer to organic agriculture registration, particularly on the registry, Experimental Use Permit (EUP), and application.</p>	Annual	<p>1. Digitalized regulatory processes</p> <p>2. DA-BAFS Website</p> <p>3. Electronically-generated regulatory documents (COR, EUP, ETTER and CPR)</p>	Organic Agriculture Division	<p><b>RISK</b></p> <p>1. System crash due to poor hardware and maintenance.</p> <p><b>ASSUMPTION</b></p> <p>1. Technical support from DA-ICTS</p>



	Narratives	Indicators	Baseline and Target	Timing of Reporting	Means of Verification	Responsible Division	Risks and Assumptions
<b>OUTPUT</b>							
II.B.1	Innovative processes, services, and products to support PNS research, development, and promotion and organic agriculture regulations developed and maintained	Number of PNS research database developed and maintained	<p><b>Baseline:</b> None</p> <p><b>Target:</b> At least 1 database established and maintained by 2028; Annual Targets: 2023 - baseline needs; 2024 - initial design; 2025 - established website and review of relationships; 2026-2027 - programming and testing (includes Populating and Quality Control); 2028 - maintenance</p> <p><b>Justification:</b> Activities are based on the developed concept note in 2021-2022</p>	Annual	1. Semestral report on the development of the database system endorsed to the Director.	Standards Research Division	<p><b>RISK</b> 1. System crash due to poor hardware and maintenance, and security breaches, among others.</p> <p><b>ASSUMPTIONS</b> 1. An appropriate size of the database</p> <p>2. Program developed is fit for its purpose.</p> <p>3. Implementation of the BAFS Data Privacy Manual and strong compliance with the Data Privacy Act</p>
		Number of standardization guides developed	<p><b>Baseline:</b> 2 Standardization Guides (SG) developed in 2022 (SG No. 1 - Writing the Philippine National Standards [PNS], SG No. 2 - Technical Working Group (TWG) for the Development of Philippine National Standards [PNS])</p> <p><b>Target:</b> At least 6 Standardization Guides developed by 2028 2023 - 1 (SG No. 3 - Harmonization/Alignment of Philippine National Standard (PNS) with International and Regional Standards) 2024 - 1 (SG No. 4 - Table Review of Aged Philippine National Standard (PNS) and Proposals for Amendment and Revision of Existing PNS 2025 - 1 (SG No. 5 - Philippine National Standards (PNS) Glossary of Terms) 2026 - 1 (SG No. 6 - Manual on Philippine National Standard (PNS) Secondary Research and Field Data Gathering) 2027 - 1 SG No. 7 - SDD Stakeholder Consultation - Operations Manual) 2028 - 1 (SG No.8 - Online Commenting System - Administrator's Manual)</p> <p><b>Justification:</b> Part of process innovation for standards development</p>	Annual	1. Approved Standardization Guide	Standards Development Division	<p><b>RISKS</b> 1. Increase in workload related to core functions</p> <p>2. Changes in the standards development process</p> <p><b>ASSUMPTIONS</b> 1. Enough resources (e.g manpower, infrastructure, and financial) to meet the annual target of PNS development</p> <p>2. Identified key steps in standards development that needs innovation</p>

	Narratives	Indicators	Baseline and Target	Timing of Reporting	Means of Verification	Responsible Division	Risks and Assumptions
		Number of online learning tools implemented	<p><b>Baseline:</b> 1 Learning Management System (Online Academy (Podia)) with uploaded 4 courses - OAD related in 2020</p> <p><b>Target:</b> At least 1 online self-learning tool developed with at least 5 self-learning tools (modules) implemented by 2028</p> <p><b>Justification:</b> The online self-learning tool will be internally developed and will not entail a subscription to LMS to ensure the sustainability of the online courses. At least five modules related to PNS and organic regulations will be uploaded.</p>	Annual	1. Developed course outline, uploaded modules, issued certificates	Technical Services Division	<p><b>RISKS</b></p> <ol style="list-style-type: none"> <li>1. Modules and courses have not been finalized</li> <li>2. Limited cooperation of technical Working Group members during the development of modules (development, critiquing)</li> </ol> <p><b>ASSUMPTIONS</b></p> <ol style="list-style-type: none"> <li>1. Modules and courses have been finalized</li> <li>2. Cooperative Technical Working Group members during the development of modules (development, critiquing)</li> </ol>
		Number of OA registration-related process digitally transformed	<p><b>Baseline:</b> None</p> <p><b>Target:</b> At least 4 innovative processes/services developed/maintained by 2028 2023 - concept papers (proposed processes) 2024 - 1 (Organic Agriculture Registry System) 2025 - 1 (Efficacy Trial Protocol and Efficacy Terminal Report Evaluation System) 2026 - 1 (Experimental Use Permit [EUP] Application System) 2027 - 1 (Organic Input Product Registration Application System) 2028 - (Maintenance of the Established Systems)</p> <p><b>Justification:</b> The target innovative processes are based on the possibilities to be developed considering the available office resources (e.g., IT personnel, guidelines); and for improvement of the office's internal processes.</p>	Annual	Online System Generation of the following: 1. Efficacy Trial Protocol/Terminal Evaluation Report; 2. Experimental Use Permit; 3. Certificate of Registration; and 4. Certificate of Product Registration.	Organic Agriculture Division	<p><b>RISKS</b></p> <ol style="list-style-type: none"> <li>1. Increase in workload related to core functions</li> <li>2. Changes in the organic agriculture regulations</li> <li>3. System crash due to poor hardware and maintenance.</li> </ol> <p><b>ASSUMPTIONS</b></p> <ol style="list-style-type: none"> <li>1. Technical Support from DA-ICTS</li> <li>2. Enough resources (e.g. manpower, infrastructure, and financial)</li> </ol>

Approved by:

  
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 Director IV  
 Bureau of Agriculture and Fisheries Standards (BAFS)

Approval Date: