



SDG Indicator 2.4.1 – Proportion of agricultural area under productive and sustainable agriculture in Viet Nam

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Outline

- Institutional Processes
- Surveys and censuses related to agriculture
- National Training Workshop on the indicator 2.4.1
- Challenges
- National action plan
- Proposed recommendations

Institutional processes established at the country level to report on the SDG indicator 2.4.1

- In 2017, Vietnam approved the National action plan for the implementation of the 2030 sustainable development agenda of Viet Nam.
- To monitor, evaluate SDG implementation at national level, Vietnam approved Set of SDG indicators (Circular 03/2019/TT-BKHDT dated 22nd Jan 2019 of MPI on VSDGs).
- When the VSDGs was submitted to MPI's Minister to approve, the international metadata of SDG 2.4.1 indicator hasn't been released yet. Therefore, Viet Nam used the localized 2.4.1 indicator "Proportion of agricultural cultivation area applying safe production processes" instead of the international 2.4.1 indicator in the VSDGs. Those two are different in contents and measurements.

Institutional processes established at the country level to report on the SDG indicator 2.4.1

- Indicator 2.4.1 in VSDGs:
 - Implementation schedule (B) since 2025
 - Organization in charge of collecting and aggregating data:
 - + Coordinator: MARD;
 - + Collaborator: GSO.

– Calculation formula:

$$\frac{\text{Proportion of agricultural cultivation area applying safe production processes}}{\text{Total area of agricultural cultivation}} = \frac{\text{Area of agricultural cultivation lands applying safe production processes}}{\text{Total area of agricultural cultivation}} \times 100$$

Institutional processes established at the country level to report on the SDG indicator 2.4.1

- Main disaggregation: Main crop type; Application form (GAP/organic/others); Province.
- Period: 2 years.
- Data source: Statistical surveys.

Surveys and Censuses related to agriculture in Viet Nam

- Surveys & census related to [Agr_Vietnam.docx](#)
- FIES module was integrated into Viet Nam Household Living Standard Survey 2018 (VHLSS)

National Training Workshop on the SDG indicator 2.4.1

- The Vietnamese authorities have requested technical assistance on SDG 2.4.1 from FAO RAP through the TCP project, “Strengthening the capacity for monitoring Food Security and Sustainable Agriculture in the context of Sustainable Development Goals (SDG) 2 and 12 ;

- **Participants**

- + Trainers from FAO HQ

- + The trainees come from:

- (1) MARD: Center for Statistical Information and Statistics (CIS); Center for agricultural policy advice of IPSARD

- (2) GSO: Statistician from relevant divisions which collect, process dimension on social, environment statistics and two statistician from province level

- (3) International Center for Tropical Agriculture (CIAT)

- (4) National consultant

(cont.) National Training Workshop on the SDG indicator 2.4.1

- **Workshop objectives**

- (1) Provide training on 2.4.1 methodology: build capacity of technical staff on the compilation and interpretation of the sub-indicators through presentations and hands-on exercises;
- (2) Introduce the approaches and tools for data collection;
- (3) Carry out data stocktaking exercise to understand and evaluate the capacity and data gaps;
- (4) Identify available national and sub-national data useful to analyze sustainable food and agriculture and existing relevant reporting processes;
- (5) Discuss the country plans to collect data on the indicator in the short, medium and long term;
- (6) Assemble key stakeholders who are responsible for collecting and reporting the data, and those responsible for using the data for evidence based policies and implementation.

Key challenges for calculation SDG indicator 2.4.1

- Data to assess the sub-indicators of the current indicator 2.4.1 Viet Nam performed in some surveys. [Data Gaps.doc](#)

Dimension	No.	Theme	Sub-Indicator	Current coverage of the sub-indicator
Economic	1	Land productivity	(1) Farm output value per hectare	Yes but partially
	2	Profitability	(2) Net farm income	Yes but partially
	3	Resilience	(3) Risk mitigation mechanisms	Yes but partially
Environmental	4	Soil health	(4) Prevalence of soil degradation	No
	5	Water use	(5) Variation in water availability	No
	6	Fertilizer pollution risk	(6) Management of fertilizers	No
	7	Pesticide risk	(7) Management of pesticides	No
Social	8	Biodiversity	(8) Use of agro- biodiversity-supportive practices	No
	9	Decent employment	(9) Wage rate in agriculture	No
	10	Food security	(10) Food insecurity experience scale (FIES)	Yes but partially
	11	Land tenure	(11) Secure tenure rights to land	No

Key challenges for calculation SDG indicator 2.4.1

- No master frame for farm households as well as farms;
- Capacity of statistics agencies are weak including NSO and Ministries; Almost surveys are not carry out evaluation the variables
- Not yet updated metadata on 2.4.1 indicator in VSDGs

National action plans

In the short-term:

- Testing the SDG Indicator 2.4.1 in the mid-term rural, agricultural census (7/2020)

In the long-term:

- Coordinate with FAO to update the Circular 03/2019/TT-BKHDT on VSDGs of Viet Nam: Replace the localized 2.4.1 indicator with global 2.4.1 indicator.
- Integrate the SDG indicator 2.4.1 in AGRIS (2022, 2028) and the Agri. census (2025); collect, process, analysis data and report the indicator.
- More details in the [Action plan of Viet Nam.docx](#)

Proposed Recommendations

- Continue update the metadata on 2.4.1 that suitable in asean countries (calculate on flood of water in Mekong river)
- Vietnam now isn't any country report on the indicator 2.4.1. The potential data sources that could be used for this indicator: The Agricultural, rural census (2025), AGRIS (2022, 2028).
- Technical assistance required from the FAO to test the SDG Indicator 2.4.1 in the mid-term rural, agricultural survey (7/2020) and integrate in rural, agricultural census (2025) regarding Design sample; training for enumerators; data collect, process, analysis data and report.
- Follow-up technical assistance required from the FAO at the country level in implementing The Agricultural, rural census (2025), AGRIS (2022, 2028)
- Seeking resources from the state budget and support from international organizations to integrate and collect, process, analysis and report data of the SDG Indicator 2.4.1 in AGRIS (2022, 2028).

Thank you!

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