



ClieNFarms
Climate Neutral Farms

ClieNFarms Scaling Toolbox

TAPE

Tool for Agrology Performance Evaluation

Monitoring Impact

The tool is developed by FAO as a comprehensive tool that aims to measure the multi-dimensional performance of agroecological systems across the different dimensions of sustainability.

Purpose of the Tool

The FAO TAPE Tool provides guidance on how to assess agroecology by carrying out a diagnostic of production systems regarding various dimensions (environmental, social, economic...) and in a variety of contexts (production systems, communities, territories, agroecological zones, etc.). It explains how the analytical framework proposed by FAO was developed, what its underlying principles are and what its methodological components are.

The TAPE tool can be used to develop projects aiming to build evidence and collect data about sustainable agriculture and the role of agroecological approaches. It can also be used to analyse how existing efforts to measure agroecology can contribute to building globally relevant and harmonized evidence.

Expected outcomes of applying the tool

The general objective of the analytical framework and the database is to produce evidence on the performance of agroecological systems across the environmental, social & cultural, economic, health & nutrition, and governance dimensions of sustainability to support agroecological transitions at different scales, in various locations, through different timeframes and to support context-specific policy making on agroecology. In simplified words, the analytical framework aims at providing a diagnostic of agricultural performance across many dimensions to move beyond standard measures of productivity (e.g. yield/ha) and better represent the benefits and trade-offs of different agricultural systems.

The Tool will help you Build knowledge and empower producers through the collective process of producing data and evidence on their own practices; It supports agroecological transition processes at different scales and in different locations by proposing a diagnostic of performances over time and by identifying areas of strengths/weaknesses and enabling/disabling environment and finally, it informs policy makers and development institutions by creating references on the multidimensional performance of agroecology and its potential to contribute to the SDGs.

Preparation

The tool follows three steps.

Step 1, Characterization of Agroecological Transitions, starts with on-farm surveys to assess the current state of agriculture. It utilizes ten agroecological elements with descriptive scales and can include self-assessment by producers.

Step 2, Criteria of Performance, is based on on-farm surveys shift focus to measuring progress and quantifying impact. Five key dimensions are considered, catering to policymakers and Sustainable Development Goals. Emphasizing simplicity due to time and cost constraints is a priority.

Step 3, Analysis and Participatory Interpretation, focuses on scaling up to the community level. Here, performance results are reviewed and contextualized within the local environment. The contribution towards achieving the SDGs is also analysed comprehensively.

Links and references

The TAPE Tool can be found and downloaded here:

[Tools | Agroecology Knowledge Hub | Food and Agriculture Organization of the United Nations \(fao.org\)](https://www.fao.org/knowledge-hub/tools/agroecology)