

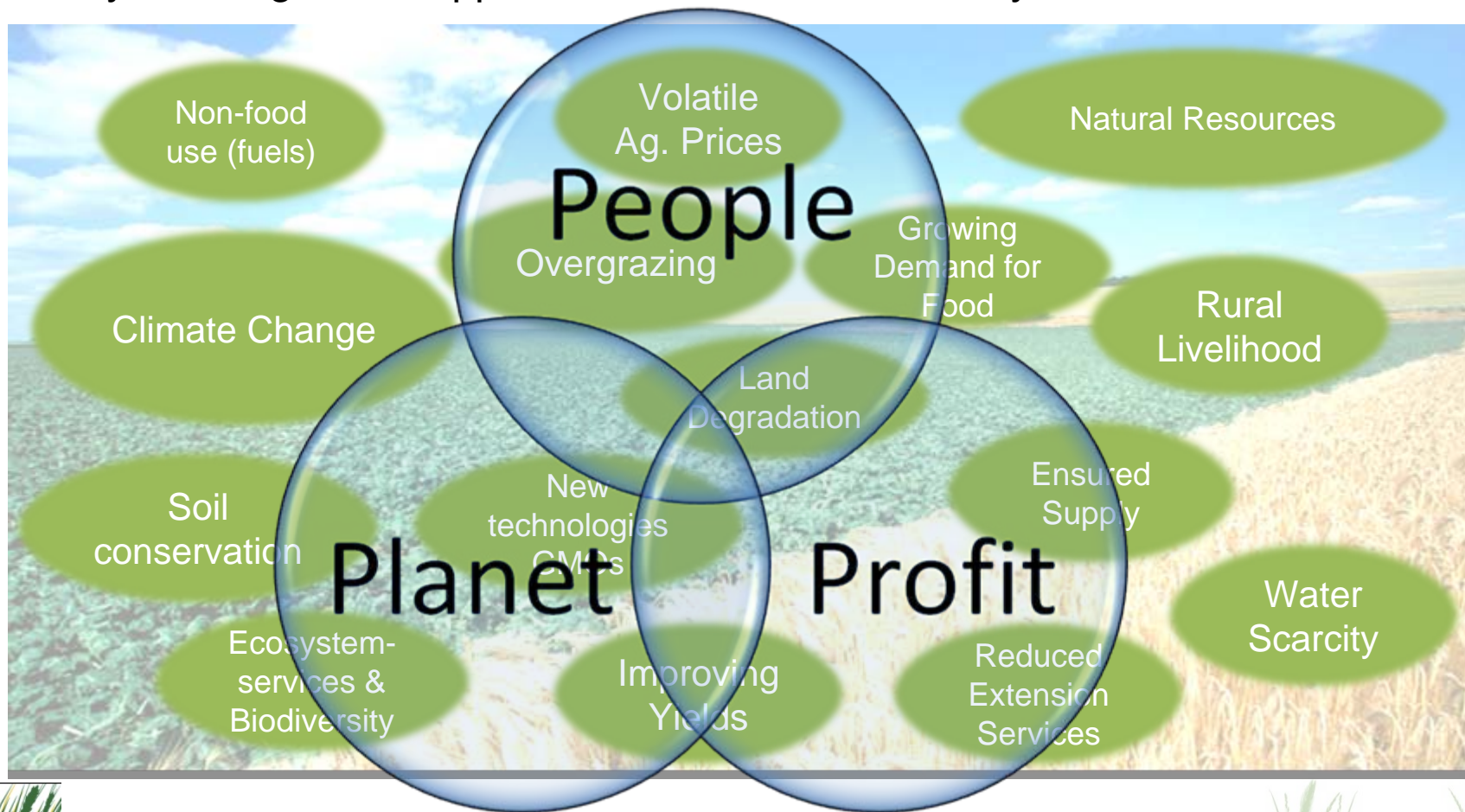


Input presentation on exiting tools to help you build the business case around SA



Why Sustainable Agriculture?

Many challenges and opportunities for farmers, society & the food sector



What are Sustainable Agricultural Practices?

3. Social Sustainability

3.1 Working conditions	SOC1. Provide a cordial and pleasant working environment, free of any type of discrimination ¹ and free of disciplinary practices ² .
3.2 Training	SOC11. Support the training of farm employees and workers on all aspects of sustainable agricultural practices.
3.3 Local economy	SOC12. Contribute to provide economic benefits to local communities.

4. Environmental Sustainability

Item	Principles
4.1 Soil	ENV1. Maintain good soil fertility and prevent damage to the environment, soil erosion and pollution.
4.2 Water	ENV2. Properly manage and optimise water use.
4.3 Biodiversity	ENV4. Maintain or enhance biological diversity on the farm.
4.4 Air	ENV5. Preserve or improve the air quality.
4.5 Climate change	ENV6. Minimize adverse impacts on the global environment and climate change.
4.6 Energy	ENV7. Properly chose and use energy resources.
4.6 Waste	ENV8. Use crop by-products as much as possible on the farm.

So what?

How to check, measure, compare and report about improvement?

- 1) Check if best practices are applied
 - with internal compliance verification mechanism, or
 - through third party verification, e.g. certification scheme)
- 2) Measure impact with consistent metrics for sustainability

- Standard element is aligned with the intent of the SAI Platform Principle
- Standard element is less rigorous than the SAI Platform Principle
- Standard does not contain the SAI Platform Principle

See page 6 for full benchmark content and coverage protocol

		SITE SELECTION AND MANAGEMENT PLANTING MATERIAL INTEGRATED CROP MANAGEMENT SUSTAINABILITY MANAGEMENT SYSTEM ACCESS TO INFORMATION AND SUPPORT SERVICES	SAFETY, QUALITY AND TRANSPARENCY FINANCIAL STRUCTURE RELATION TO THE MARKET DIVERSIFICATION	LABOUR CONDITIONS TRAINING STRENGTHENING LOCAL ECONOMY	SOIL CONSERVATION WATER CONSERVATION BIODIVERSITY CONSERVATION INTEGRATED WASTE AND CROP BY-PRODUCT MANAGEMENT ENERGY CONSERVATION AIR CONSERVATION
STANDARDS		SUSTAINABLE FARMING SYSTEM	ECONOMIC SUSTAINABILITY	SOCIAL SUSTAINABILITY	ENVIRONMENTAL SUSTAINABILITY
WHOLE FARM SUSTAINABILITY	Assured Food Standards (AFS)	●●●●●	●●●●	●●●	●●●●●
	European Initiative for Sustainable Development in Agriculture (EISA)	●●●●	●●●●	●●●	●●●●●
	Environmental Farm Plan Program (Canada EFP)	●●●●	●●●●	●●●	●●●●●
	Fairtrade Standards (FLO)	●●●●	●●●●	●●●	●●●●●
	Food Alliance	●●●●	●●●●	●●●	●●●●●
	Global G.A.P.	●●●●	●●●●	●●●	●●●●●
	Rainforest Alliance Sustainable Agriculture Standard (SAN)	●●●●	●●●●	●●●	●●●●●
	LEAF Marque	●●●●	●●●●	●●●	●●●●●
Protected Harvest	●●●●	●●●●	●●●	●●●●●	



Measuring and reporting about progress

Member companies asked SAI Platform to develop a common balanced system of farm metrics and tools to help farmers measure, understand, improve and report about progress.

The **Sustainability Performance Assessment (SPA)** Project – was launched, with phases I and II

- 1.Started from our Principles and Practices
- 2.Analysed what was already available and in use.
- 3.Selected what was applicable: most simple, scientifically sound, readily available@farm, measurable, comparable.



SPA Phase I

Example of indicators and metrics: for dairy

Discussion Paper: Measuring dairy farms' overall sustainability – 22/11/10

Table 1: Overview of quantified sustainability indicators

Indicator	Metrics	Data derived from
Animal welfare and health (dairy)		
	body condition score, Welfare Quality Approach	estimated on farm (visual inspection)
	space: m2 area per cow and space per animal at feeding fence	measured on farm
	locomotion score	estimated on farm
Hygiene (dairy)		
Milk quality	milk temperature	measured on farm
	substances in milk and somatic cell count	measured on farm



SPA Phase II

Example of tools: RISE

Sustainability polygon for a farm in North East China with 35 cows on 1.4 hectares.
Sustainability level on a scale from -100 (= poorest) to +100 (= best).

