

# FROM DIAGNOSIS TO ACCOUNTABILITY: CAPITALIZING ON THE RESULTS OF SOCIAL AND ENVIRONMENTAL LIFE CYCLE ANALYSIS USING THE FAO-SAFA REPORTING FRAMEWORK

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# CONTEXT: WORLD PEAT MOSS RESOURCES AND PRODUCTION

PEAT LAND ACROSS THE WORLD	USE
<b>A TOTAL OF 400 Millions ha</b>	<b>65% Energy</b>
<b>Canada= 119 M ha (12% of total country)</b> Area under exploitation= 22 000 ha	<b>24% Horticulture</b>
USA= 61 M ha	<b>11% other or not stated</b>
Russia= 57 M ha	





# OBJECTIVES

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- **Structure and organise** in a coherent and systematic way the various LCA-based initiatives as well the *Veriflora*<sup>®</sup> certification process conducted so far by the industry
  - Identify a recognized accounting method suited to the need of the CSPMA
  - Measure and document the performance of the Canadian peat moss industry
- Make an ISR report to provide a **benchmark for sustainable accounting** of the industry's social, environmental and economic impacts
  - Develop a comprehensive set of indicators
  - Propose recommendations

# OBJECTIVES

- The intended use of the report
  - **Develop a formal Industrial Social Responsibility strategy** for their industry and corporations (CSR at sector and company level)
  - **Communicate information** to their stakeholders on the performance, targets, and actions planned towards sustainability indicators;



The sector's stakeholders GR O U P E  
**AGÉCO**

# PROCESS AND METHODOLOGY

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- The ISR report was based on the FAO's **Sustainability Assessment of Food and Agriculture Systems (SAFA)** guidelines
  - A reporting framework under development designed for the agrifood sector (2009-2013)
  - Compatible with international standards such as the Global Reporting Initiative (GRI) and ISO 14 040's series
- A participatory approach through pilot projects in 2012-2013
  - 23 pilots – from developed and developing countries
    - Cotton (US); Tobacco (Bangladesh); Cocoa (Sao Tome and Principe); Dairy (N-Z); Forestry (Bolivia); Flower (Peru); Palm oil (Thailand); Vineyards (N-Z); Aquaculture (Italy); **Pork (Quebec); Peat moss (Canada);** etc.

# SAFA AND CSR REPORTING

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- SAFA guiding vision
  - Food and agriculture systems worldwide considered through **4 dimensions** : good governance, environmental integrity, economic resilience and social well-being. Holistic perspective
  - This vision encompasses **primary production through manufacturing and to the point of sale to the consumer** (value chain)
- SAFA purpose
  - Support the implementation of effective sustainability **management** and **communication** in the agriculture and food sector, worldwide
- A framework and a tool
  - **Framework**: a holistic interpretation of the major themes of sustainability
  - **Tool**: a template for sustainability assessment

# SAFA AND CSR REPORTING GUIDELINE STRUCTURE

## Section 1 : SAFA framework

Purpose, Vision, Principles, Scope

## Section 2 : Implementing SAFA

Goals and scope, relevance and compliance check, tool selection, data collection, results aggregation, reporting

## Section 3 : Sustainability dimensions

4 dimensions, 20 themes, 64 sub-themes, recommended indicators

Good governance	Environmental integrity	Economic resilience	Social well-being
Governance structure Accountability Participation Rule of law Holistic management	Atmosphere Freshwater Land Biodiversity Materials and energy Animal welfare	Investment Vulnerability Product safety and quality Local economy	Decent livelihood Labour rights Equity Human health and safety Cultural diversity



# CONCLUSION

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- A structuring initiative
  - An overarching process to structure and organise in a coherent and rigorous way the efforts made so far
  - Gives more cohesion between different tools from LCA to strategy development, reporting and communication. Better links between CSR and LCA
    - SAFA brings “governance” issues to S-LCA
- A mobilizing project
  - The APTHQ and 3 peat moss companies are setting up their own social responsibility report based on the ISR report at the national level
- An ambitious commitment
  - Public communication on various sustainability objectives
- An innovative process
  - Participation and involvement in an international project conducted by FAO



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**Thank you very much!**