GLNs & Sustainable Agriculture
Lunch & Learn Session

Welcome

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19th March 2015
Information is not Power, 
Sharing Information is the Real Power

GS1
The Global Language of Business

Agenda

Sustainable Agriculture
• The problem
• The solution
• The role of GS1 Standards

The Role of GLNs and the UNGC Registry

Questions?
... within the boundaries of the Planet

Source: Happy Planet Index: Ecological Footprint 2013
The problem is one of Food Security

Did you know that?

• 800 million people go hungry every day

• c. 33% of all food produced goes to waste or is lost

• By 2050, 60% more food will be needed to feed the estimated 9 billion population
Food Security is threatened by modern Agriculture Methods

• Climate Change poses a major challenge for the Agriculture and Food Sector, food and drink are one of the dominant contributors to climate change.

• Developments in modern agriculture have led to doubts regarding the long-term viability of current production systems. These developments include heavy reliance on chemical fertilisers, pesticides and herbicides, the destruction of wildlife habitats, environmental pollution and risks to human health. In addition crop yields are falling.
Over 400 “standards”/certifications exist
Why auditing is not the answer

- There is broad agreement that auditing is not the answer, already farmers/producers are complaining of audit fatigue, with some of them facing up to 16 different compliance audits per annum.

- The FAO estimates the total number of farms worldwide to be c.570 million.

- It would be impossible to audit millions of farms, hence the consensus on moving to a voluntary reporting model, backed up by spot audits.
The solution – **Climate Sustainable Agriculture based on Good Agricultural Practices**

- This is the approach being taken by UNGC (United Nations Global Compact) and its partner ITC (The International Trade Centre, a UN/WTO organisation)

- UNGC and its partners want farmers to report on a voluntary basis, their compliance with Good Agricultural Practices

- UNGC/ITC are embarking on a **five year pilot** across 20 countries targeting 500,000 farms. To do this each farmer needs a **globally unique ID**

- GLNs and a **Global Farm Registry** are a vital part of the overall solution
Sustainable Agriculture – the role of GS1 Standards

• By providing the Unique ID for farms, GS1 is well placed to promote the deployment of our Standards, Services and Solutions in the Upstream Farming Sector

• Consumers, retailers, regulators and other stakeholders are all seeking trusted information about the sustainability of products. Traceability, Provenance and Trusted Data are key requirements for every product especially produce

• Timely farm-level data is critical to improving output, food safety and compliance with good agricultural practices. Our Traceability Standards and EPCIS can play a major role. For consumers trusted B2C data will be critical.
The role of GS1 GLNs and the UNGC Registry

Sean Lockhead
UN Global Compact (UNGC) Farm Registry

- GS1 is cooperating with the International Trade Centre (ITC)
  - A joint agency of the UN and the World Trade Organization

- ITC Standards Map is an online platform
  - Enables farms to voluntarily report sustainability certificates
    - Permitted use of that logo
  - Enables users to explore and compare over 150 sustainability evaluation programmes

- GLN Master Data in this Service will be available to the GS1 GLN Service
ITC Sustainability Programmes

Farmers

ITC Standards Map

~150 Sustainability Programmes / Certificates
UNGC Farm Registry Service

Farm (Farmer) identified by GLN

ITC Standards Map

Synchronized Data

Farmer needs GLN

GS1 UNGC Farm Registry

Name Role Address Contact

GS1 UNGC GLN Allocator

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Connection to GS1 GLN Service

GS1 GLN Service Network

ITC Standards Map

Farm (Farmer) identified by GLN

Synchronized Data

Farmer needs GLN

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GS1 UNGC GLN Allocator

GS1 Global Index

Local GLN Registry

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Thank You!

Questions?