

The Delta Project

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Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Federal Department of Economic Affairs,
Education and Research EAER
State Secretariat for Economic Affairs SECO



Delta
Framework

- ❑ Key Project Info
- ❑ Delta Sustainability Framework
- ❑ Process and timeline
- ❑ Sustainability goals and indicators



INTERNATIONAL
COFFEE
ORGANIZATION



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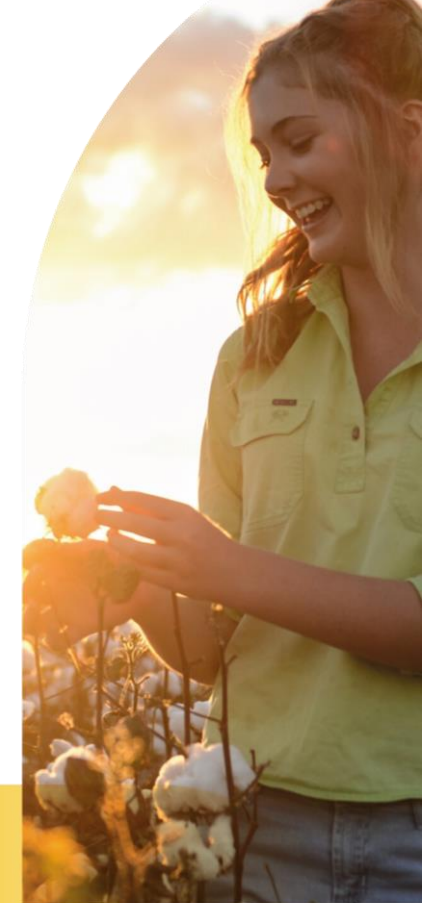


Delta
Framework



Delta Project Introduction

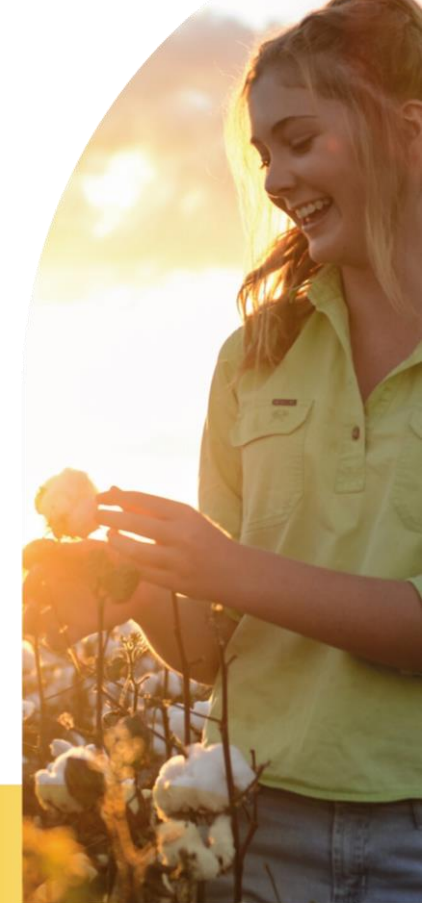
- **Funded** by SECO through the ISEAL Innovation Fund for 3 years (2019-2021)
- **Partners:** BCI, ICAC, Global Coffee Platform, and International Coffee Organisation
- **Project's aim:** Bridging the gap in measuring and reporting sustainability performance in the agricultural commodity sector
 - ❑ **Build** multi-stakeholder, international **consensus** for sustainability measurement on key common goals
 - ❑ **Harmonize approaches** to assess progress and connect to SDG commitments from private and public sector actors
 - ❑ **Add value** for farmers from their sustainability performance data





Delta Project Objectives & Value proposition

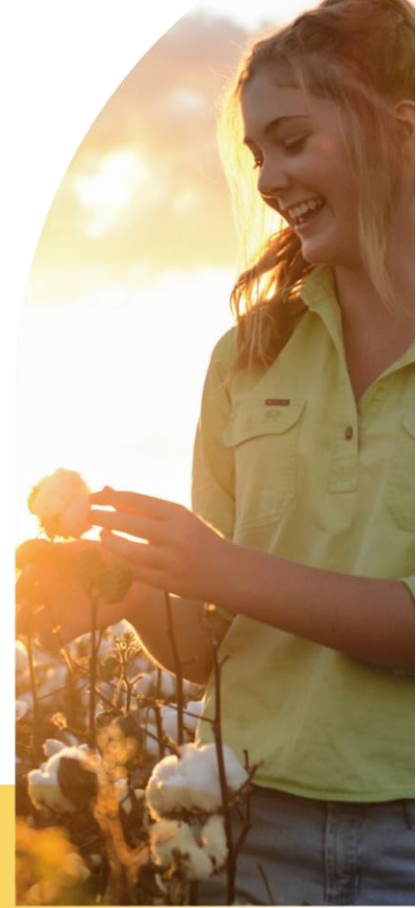
- **1. Develop a Sustainability Framework:** impact indicators, guiding principles and data standardization
 - ***For the sustainability community:** common language on sustainability across agricultural commodity sectors*
- **2. Link sustainability performance to business actors and governments:** method and guidance
 - ***For companies & private sector:** standardised sustainability information to customers/stakeholders, simplified data consolidation, consistent data collection*
 - ***For government & public sector:** SDG commitments reporting, evidence-based decision making for agricultural policies & services*





Delta Project Objectives & Value proposition

- **3. Add value for producers:** feedback performance data to farmers, contextualise data by establishing links to open data sources (e.g. weather, market information), enhance the development of farmer-centred services (e.g. extension services, finance, insurance, etc.)
 - ***Farmers:*** better learning and decision making, (improved) access to services





Delta Sustainability Framework



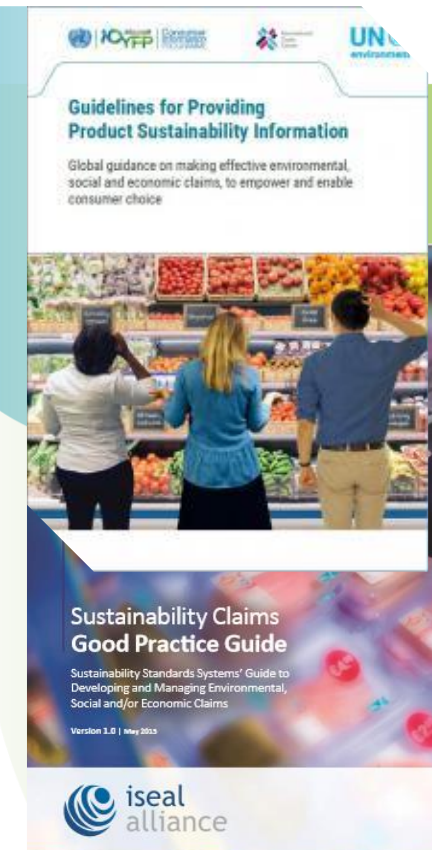


Delta Sustainability Framework

3 components

1. Guidelines for Sector Sustainability Information – Farm level

- Define the sector's sustainability information do's and don'ts
- How to derive claims from the sustainability information generated through the common set of indicators
- How to communicate sustainability information to customers and other stakeholders, building on the principles of reliability, relevance, clarity, transparency and accessibility





Delta Sustainability Framework

3 components

■ 2. A common set of cross-commodity impact and outcome indicators

- Farm-level
- Impact / Outcome
- Limited number
- Relevance in terms of measuring progress and capacity to adapt to other commodities

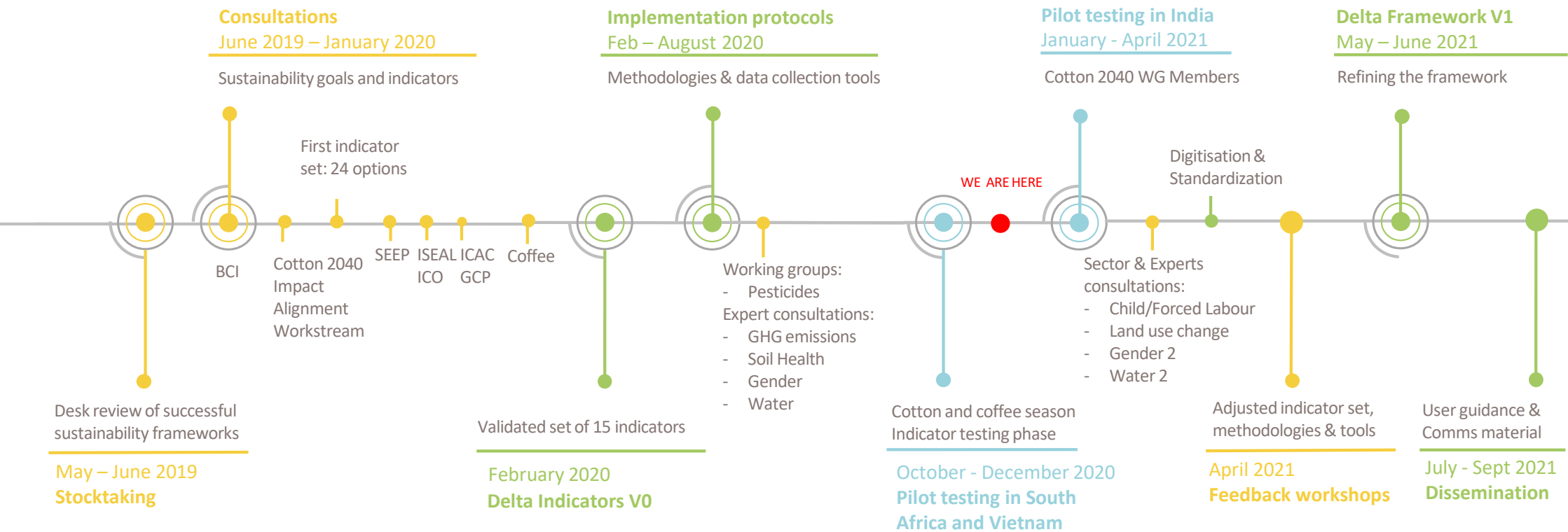
■ 3. Data standardization and indicators' digitization

- Standardization of data points
- Data and information quality requirements
- Confidentiality and disclosure
- Data use options





Delta Sustainability Framework Timeline





Delta Sustainability Framework References

■ Main reference sources for the selection of the indicators

- SDG indicator framework
- ISEAL Common Core Indicators
- ICAC-SEEP framework
- GCP Coffee Data Standard





Delta Sustainability Framework Consultations

■ Main purpose of the consultations

- Share and confirm key sustainability goals for the cotton and coffee sectors;
- Integrate learnings and perspectives from all stakeholders into the development of the set of Delta Sustainability Indicators;
- Foster both commodity specific and cross-commodity collaboration in the alignment of sustainability metrics

■ Modalities

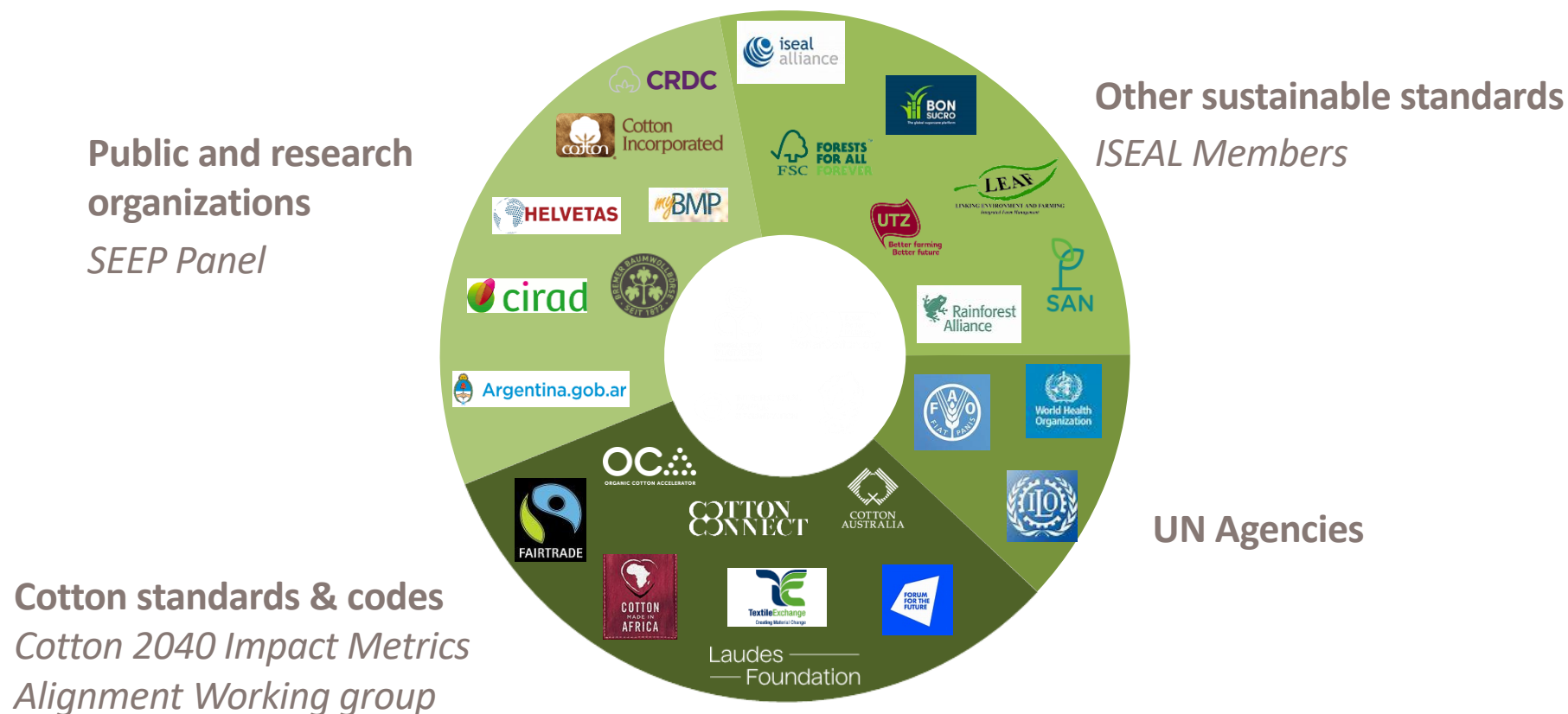
- Physical workshops and webinars
- One-to-one calls
- On-line surveys





Delta Sustainability Framework Consultations

17 consultative events have taken place, reaching out to over **120 people** representing **54 organisations** from the agricultural private and public sectors, among which:





Delta Sustainability Goals and Indicators



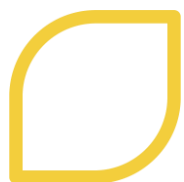


Delta Sustainability Indicators

3 pillars of sustainability & SDGs

Sustainability themes and sub-themes across the three pillars: environmental, economic and social





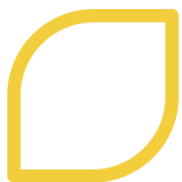
Delta Sustainability Indicators

Sustainability goals for cotton

Sustainable Cotton Farming is expected to aim at the following goals:

Headline impact areas	Environmentally sustainable agricultural practices (SDGs 3,6,12,13,14, 15)	Decent livelihoods/ poverty reduction (SDGs 1, 8, 10)	Social wellbeing, equality & empowerment (SDGs 2, 3, 6, 8, 10, 16)
Common goals	Minimise contamination of natural resources	Make cotton farmers and workers earn a decent income	Ensure respect human rights on cotton farms, with no forced and child labour
	Protect and regenerate ecosystem services	Be economically viable and farmers to be economically resilient	Ensure healthy & safe working conditions for all farmers and workers
	Reduce greenhouse gas emissions and build resilience to climate change	Alleviate poverty	Enhance equality and empowerment, including in gender, for cotton farmers and workers





Delta Sustainability Indicators Criteria

- **Monitor progress** towards the 9 goals and towards sustainable agricultural commodities.
 - **Relevance:** progress towards goals and credibility
 - **Usefulness:** global commitments, comparability and aggregation, stakeholders' needs
 - **Feasibility:** easy of data collection and costs.
- **15 farm-level, outcome/impact indicators**
- **Interdependences** between social, economic and environmental sustainability pillars
 - Indicator set to be seen **as a whole**.
- **Not prescriptive** on specific tools to use but setting minimum **requirements** and providing **guidance**





Delta Sustainability Indicators

Environmental dimension



Environmental Indicators

1 Use of highly hazardous pesticides

Unit: kg active ingredient (a.i.) of highly hazardous pesticide per ha of harvested land

2 Pesticide risk indicator

Alternative: pesticide use by active ingredient kg per ha

3 Water management (in irrigated farms)

3.1 Quantity of water used for irrigation

Unit: mega litres per ha of harvested land

3.1 Water use efficiency

Unit: percentage of water used for the crop out of water withdrawn/diverted from its source

3.3 Water crop productivity

Unit: mega litres per tonnes of cotton lint or Green Bean Equivalent (GBE)

4 Top soil carbon content

Unit: grams of organic carbon per kg of soil

5 Fertiliser use by type

Unit: kg a.i. per ha of harvested land

In future: nitrogen use efficiency

6 Forest, wetland and grassland converted for cotton or coffee production

Unit: ha of forest, wetland or grassland converted to cotton or coffee production

7 Greenhouse gas emissions

Unit: kg CO₂ equivalent per kg cotton lint or GBE

Units: GBE coffee Green Bean Equivalent; ha hectare; kg kilogram



Delta Sustainability Indicators

Economic dimension



Economic Indicators

8 Average yield

Unit: kg cotton lint or GBE per ha

9 Net average returns from cotton and coffee production

Unit: USD per ha seed cotton or GBE

In future: Living Income

10 Price at farm gate *Only for premium-based standards*

Unit: local currency/tonne of seed cotton per kg of GBE

11 Proportion of workers earning a legal minimum wage

Unit: daily average earnings for farm labour compared to (rural) minimum wage In US\$ or local currency

Units: **GBE** coffee Green Bean Equivalent; **ha** hectare; **kg** kilogram



Delta Sustainability Indicators

Social dimension



Social Indicators

12 Incidence of the worst forms of child labour

Unit: number of children aged 5 to 17 years engaged in child labour, by sex and age

13 Incidence of forced labour

Unit: number of people engaged in forced labour, by sex and age

14 Women empowerment

Composite indicator

15 Number of fatalities and non-fatalities on the farm

Unit: number of incidences per 1 million people



Thank you!
Do you want to participate?