

# Resilient Supply

**2025 TARGET:** Increase smallholder production by **11.9 million bags**, through **renovation, rehabilitation, and technical investments** on existing areas, to adequately meet long-term demand from a diversity of origins.

INDICATOR OF SUCCESS	CORE METRIC	RATIONALE
Additional volume produced due to renovation, rehabilitation or technical assistance	Total additional production ( <b>kgs of green coffee</b> )	This indicator looks at the total additional production generated, above the baseline, from an intervention. This indicator should be used to report the change in yield from activities such as new varietals, stumping or improved agronomic management.
Origin diversity	<b>Names of countries</b> where technical and/or financial support was provided	When reporting investments, the reporting entity should indicate where assistance is provided so that the Challenge can identify if there are certain geographical trends / preferences.

**ADDITIONAL PROXY METRICS:** To count the contribution of investments that have the potential to impact production, but where the donor is unable to track actual changes in yield per hectare, the Sustainable Coffee Challenge is proposing the use of proxies. The proxies, description & calculations behind each are laid out below.

METRIC <sup>1</sup>	RATIONALE	INPUT FOR CALCULATION	WHEN IT WOULD COUNT <sup>2</sup>
# of hectares with improved management	Changes in practices or management of a cultivated area can generate additional yield per hectare.	Baseline global average of yield / ha Assumption of additional potential yield / ha % of adoption rate	Upon reporting as it assumes that the improvement has already occurred
# of trees distributed or sold	New coffee trees provide an opportunity to upgrade a farm’s production, enabling additional yield per tree.	Additional yield potential per tree Current average yield per tree % success rate	Two years post reporting as yield improvements would not be immediate
# of people trained	Training leads to increased knowledge that when put in practice can generate farm improvements that impact farm yield.	Baseline global average of yield / ha Assumption of additional potential yield / ha % of adoption rate	One year post reporting as any related yield improvements would not likely be immediate
\$ funding facilitated	Money invested in renovation, rehabilitation and technical assistance can increase performance of a farm, generating additional yield.	Link \$ to one of the above categories Follow the calculation of each category	Based on the related investment (ie: training, trees, etc)
\$ funding facilitated	Money invested in research & development that could impact production.	This total value will be tracked separate from the other metrics to help tell the story of investments	As reported in the Commitments Hub

<sup>1</sup> The first four metrics are proxies for “Additional yield (kgs/ha) or total additional production”

<sup>2</sup> Requires further discussion as part of the Resilient Supply CAN

		in actions that consider the future of coffee production.	
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**DATA COLLECTION PLAN:** Below is an overview of the proposed data collection plan for each metric. This serves as guidance for Sustainable Coffee Challenge partners who are interested in understanding the where, how and when behind the various metric. The sources, frequency and reporting party could change based on the needs of the entity stating the commitment.

METRIC	UNIT	POTENTIAL SOURCE OF DATA	DATA CAPTURE FREQUENCY	RESPONSIBLE PARTY
Additional volume produced due to renovation, rehabilitation or technical assistance	KGS green coffee	Baseline yield	Annual	Local partner
Origin diversity	Country name	Places where investment is directed	Once upfront	Reporting entity
# of hectares with improved management	Hectares	Count of number of hectares where investments have occurred	Semi-annual or annual	Local partner
# of trees distributed or sold	Trees	Nursery logs	Annual	Local partner
# of people trained	People	Training logs	Semi-annual or annual	Local partner
\$ funding facilitated	USD \$	Donor	Annual	Reporting entity

**ASSUMPTIONS & DATA LIMITATIONS:**

In the interest of understanding how investments ladder up to collective progress, the Challenge has taken the liberty to develop several data assumptions. While assumptions hold an inherent set of challenges, they serve the purpose of creating a common reference point for calculations.

For the Resilient Supply category, the baseline averages are based on raw data collected in 2017 by Dalberg during the development of “*Renovation & Rehabilitation for Resilient Coffee Farms: A Guidebook for Roasters, Traders and Supply Chain Partners*”.

To create the most accurate averages possible, CI used the country data to calculate regional averages, as shown in the table to the right.

The assumption behind adoption / success rates for training, tree provision and agronomic technical assistance is based on only half of actions (50%) generating a positive return on yield.

	Regional Average (kg/ha)	Assumed increase kg/ha (50%)
Asia	934	467
Africa	357	178
Latin America	501	251
Global average	533	267
Global average (w/out Brazil & Vietnam)	427	214