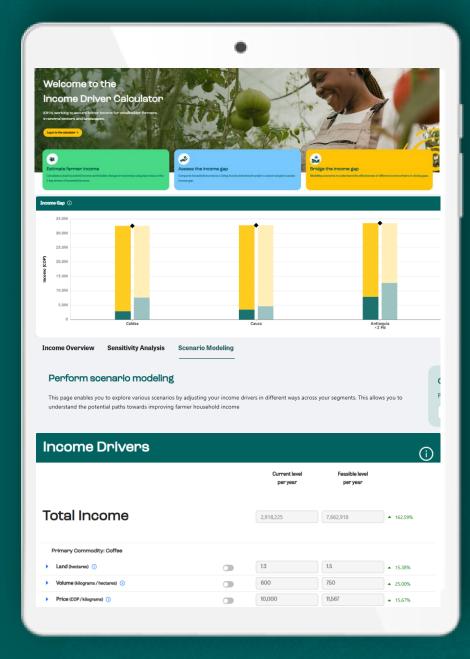




IDH Income Driver Calculator

User Guide – July 2025



Income Driver Calculator (IDC)

- Assess the size of the (Living) income
 gap based on the input data on key income drivers
- Analyse impact of different income drivers on different farmer segments
- Use data-driven insights to identify effective strategies, within realistic (or feasible) levels
- Model scenarios on different interventions and visualize their impact on the farmer household income

Who can potentially use the calculator?



Large food and agribusiness companies:

Includes large traders, processors, manufacturers or retailers working in multi-commodity supply chains like Coffee, Cocoa, Palm, Cotton, Tea, Spices, Banana etc



Small and Medium supply chain players and Certifiers:

Includes producers, traders, roasters (in coffee) or large FPO who have better traceability to their farmer suppliers and work in two or three major commodities



Dev. Organizations and Consortiums working towards farmer income

Includes Commodity, Region or Sector-wise consortiums that comprise of company members and drive common ambitions towards boosting farmer household income



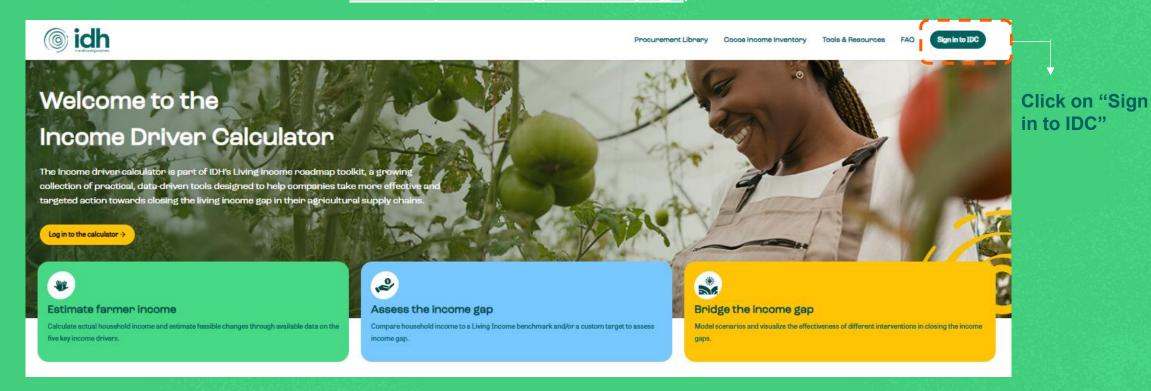
Living Income learning community

Includes NGOs, Educational institutions and Technical organizations involved building methodologies and strategies around Living income for SHF



How to access the tool

✓ The Income Driver Calculator (IDC) can be accessed through the weblink : idc.idhtrade.org or from the Toolkit section of the Roadmap on Living Income page, on the IDH website.

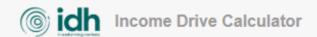


- ✓ If you are a new user, you need to Register for accessing the tool by "Reaching out to your point of Contact at IDH or by dropping an enquiry to livingincome@idhtrade.org.
- ✓ Your enquiry will be reviewed by the Living Income core Team at IDH before sending the access link to your email address.



How to access the tool

- ✓ Through the access link on the email invitation, set your login credentials like ID (registered email address) and password
- ✓ Use these credentials on the IDC Sign In page, to log into the tool.



INVITATION

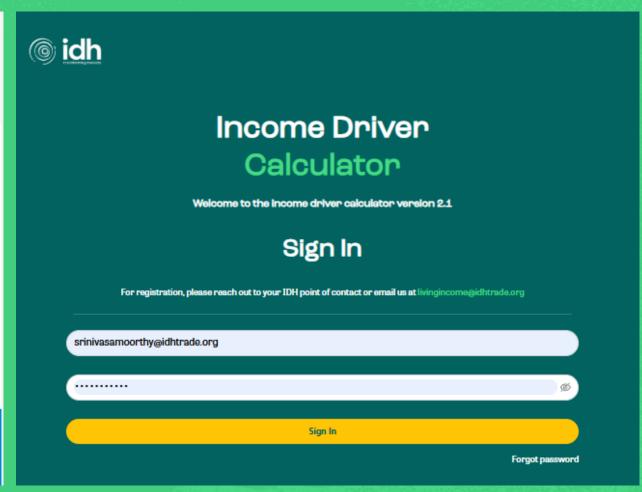
You have invited to to IDC portal.



Please click here or the link below to set your password.

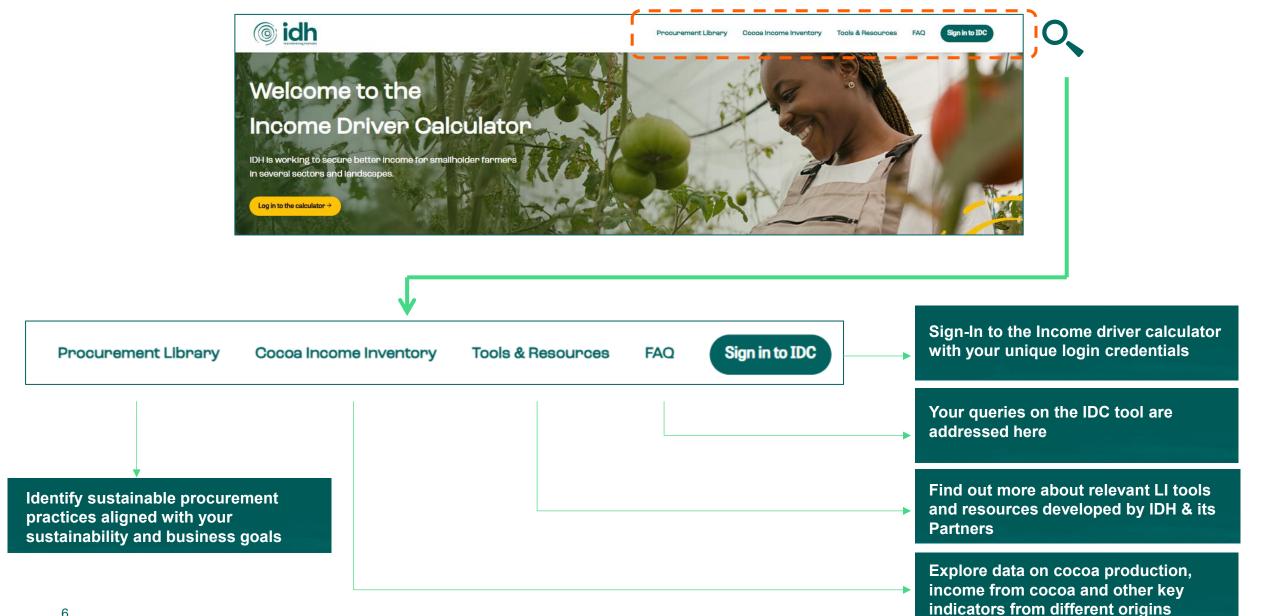
https://incomedrivercalculator.idhtrade.org/invitation/29a134aa-7f83-424b-b402b7c555137d83

Income Driver Calculator





Income driver Calculator - Landing page



Income driver Calculator landing page





 Learn more about the Smart-mix of strategies, as ways to bring business practice changes across all actors in the value chain

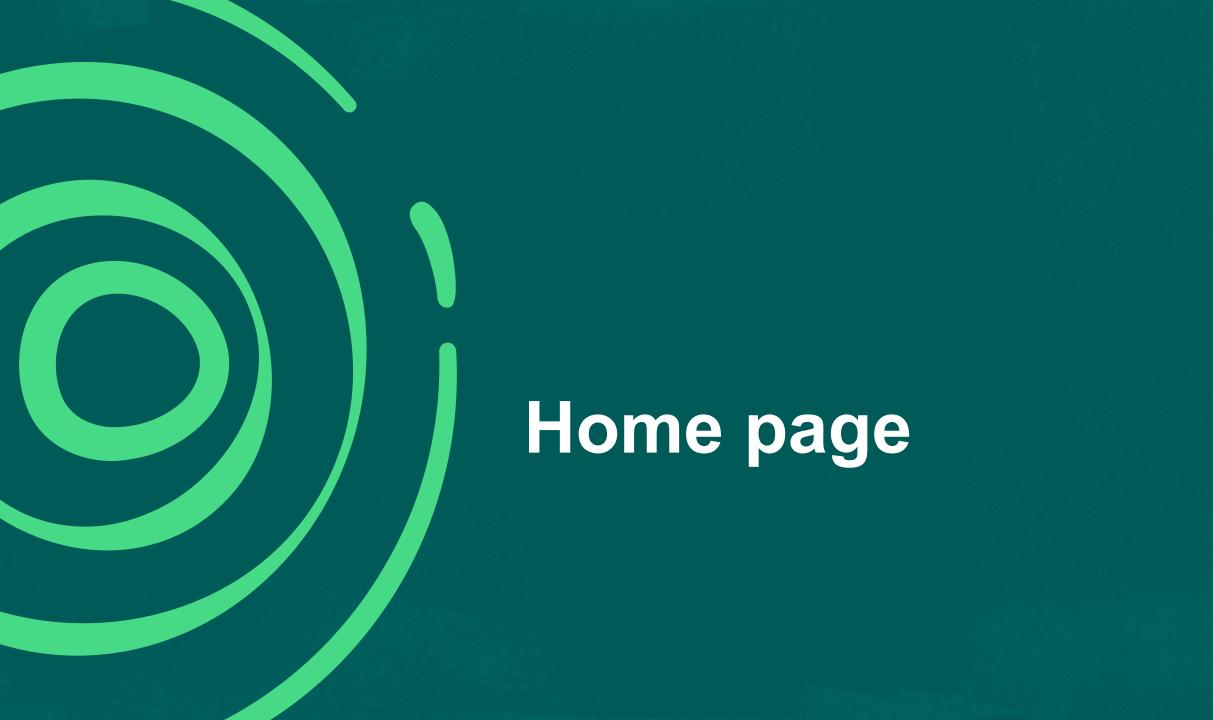




 Learn more about IDH's Living income roadmap approach for company action and the Income driver framework

'Smart-mix' of strategies to close income gaps









IDC - Home page (Three key actions)

Hello, Vaibhav Panpaliya!

Welcome to the income driver calculator

The tool enables you to assess the size of the living income gap and take data driven decisions on the most effective strategies with the use aggregate data. Users can create scenarios and visualize the contribution of different income drivers needed to close the living income gap.

Case Overview

Create a case for your programme, to go through the income driver assessment and model strategies to bridge the income gap.

View cases →

Living income benchmarks

Explore the available living income benchmarks through an interactive dashboard.

Explore 🗦

Explore Tools & Resources

Explore relevant tools and resources developed by IDH and its partners to guide company action towards improving farmer livelihoods.

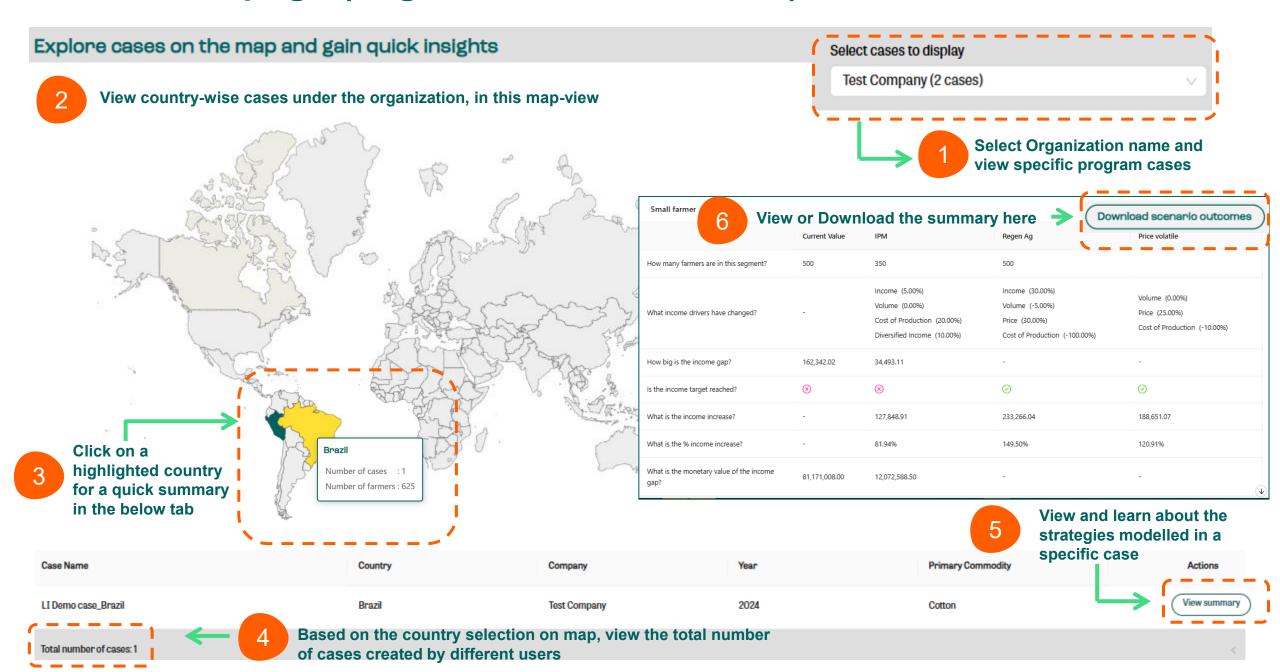
Explore >

- Click here to go to the "Cases overview" page. Find the list of all the program cases from your organization
- Search and Find the available Living income benchmarks, by country and region
- 3

Find other relevant tools and resources on Living income developed and published by IDH and its partners

IDC – Home page (Organisation Dashboard)

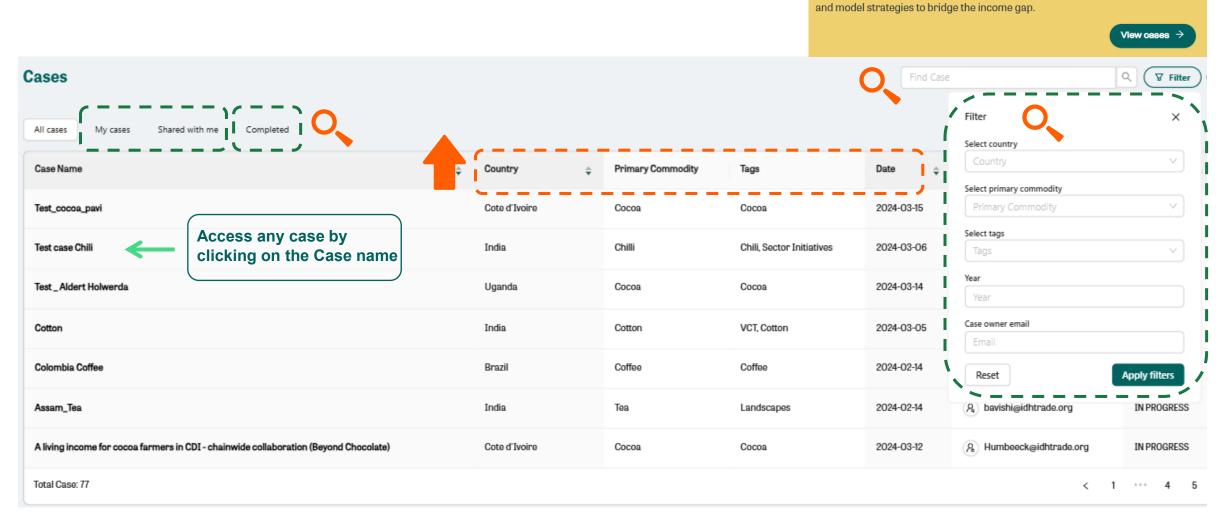




Improved cases overview



Create a case for your programme, to go through the income driver assessment





Search cases based on owner, Status of completion, Country, Commodity and Year of study



Case Overview

Sort the cases based on Country, Primary commodity, Tags and Date of case creation

Living Income benchmark Explorer

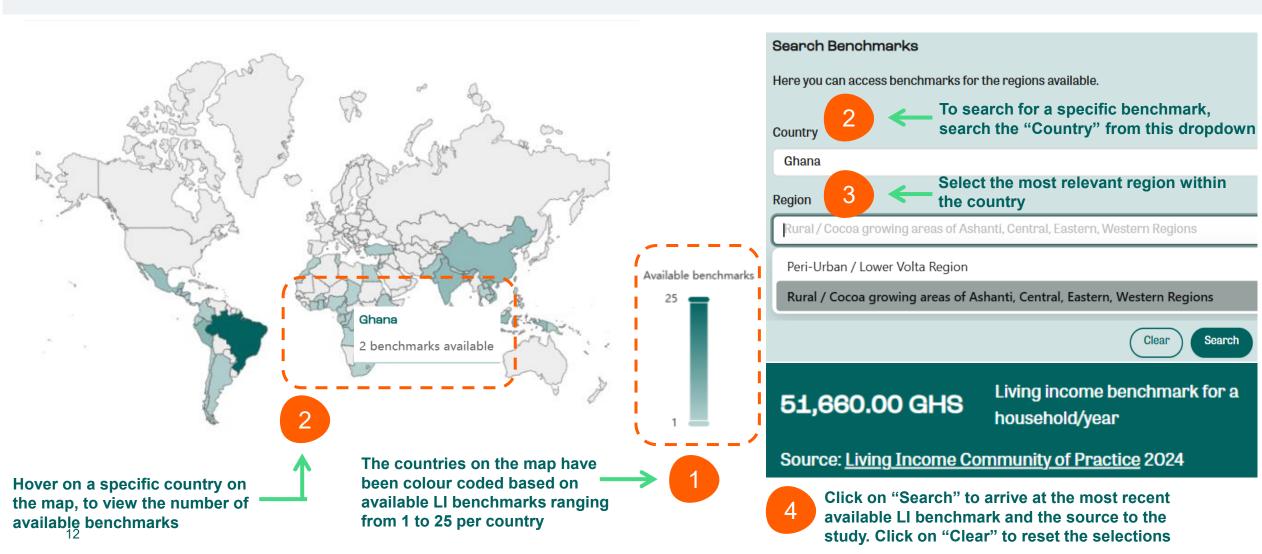
Living income benchmarks



Explore the available living income benchmarks through an interactive dashboard.

Explore >

Discover available living income benchmarks by selecting a country to see which regions are covered. Customise benchmarks based on household composition or adjust for inflation as needed.

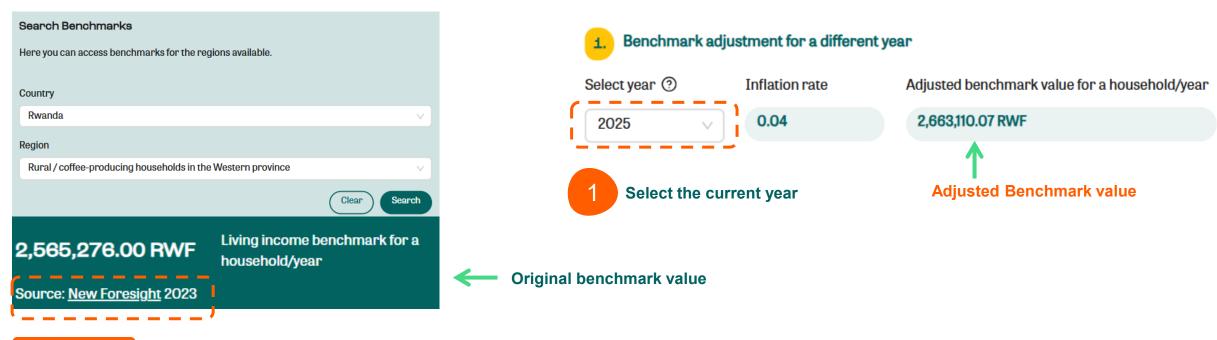


Living Income benchmark "Adjustment"



Scenario 1

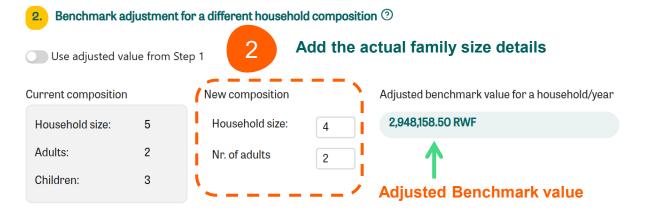
The benchmark available is from an older year (2023) and needs to be adjusted for the current year (2025)



Scenario 2

The family size and composition of households in your program is 4 (2 adults and 2 children) but that of the benchmark study is 5 (2 adults and 3 children)





Other Tools & Resources

Explore Tools & Resources

Explore relevant tools and resources developed by IDH and its partners to guide company action towards improving farmer livelihoods.

Explore \Rightarrow

Tools and Resources

Find other tools and resources of IDH and its partners below









Income Measurement Guidance Tool

This tool streamlines household income assessments, allowing you to measure total income while optimising primary and secondary data use.

Download



Cocoa Income Inventory

The tool allows you to explore data on cocoa production, income from cocoa, and other key indicators from different origins. Play around with the data using an interactive dashboard.

Explore the tool



Procurement Library

The tool helps businesses identify the best interventions for their goals, access personalized procurement advice, and explore the intervention library.

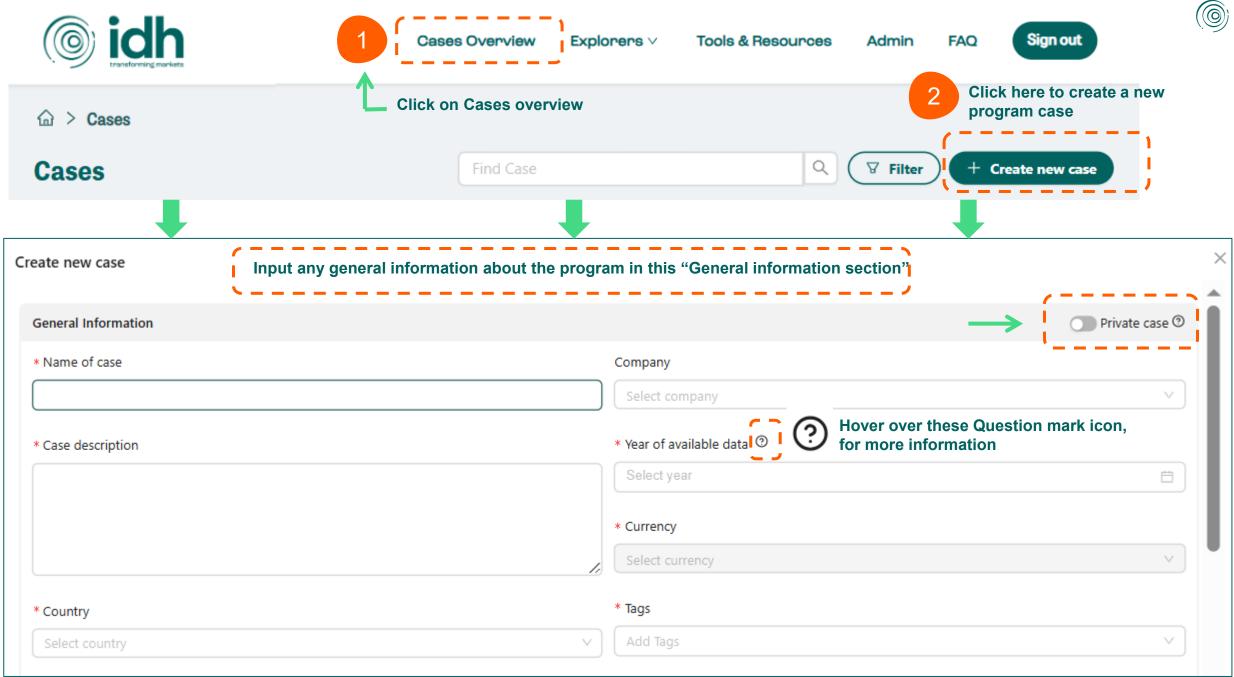
Explore the tool

This section comprises of growing repository of relevant tools and resources developed by IDH and its partners, to drive company action towards living income commitment and impact





Creating a new program case

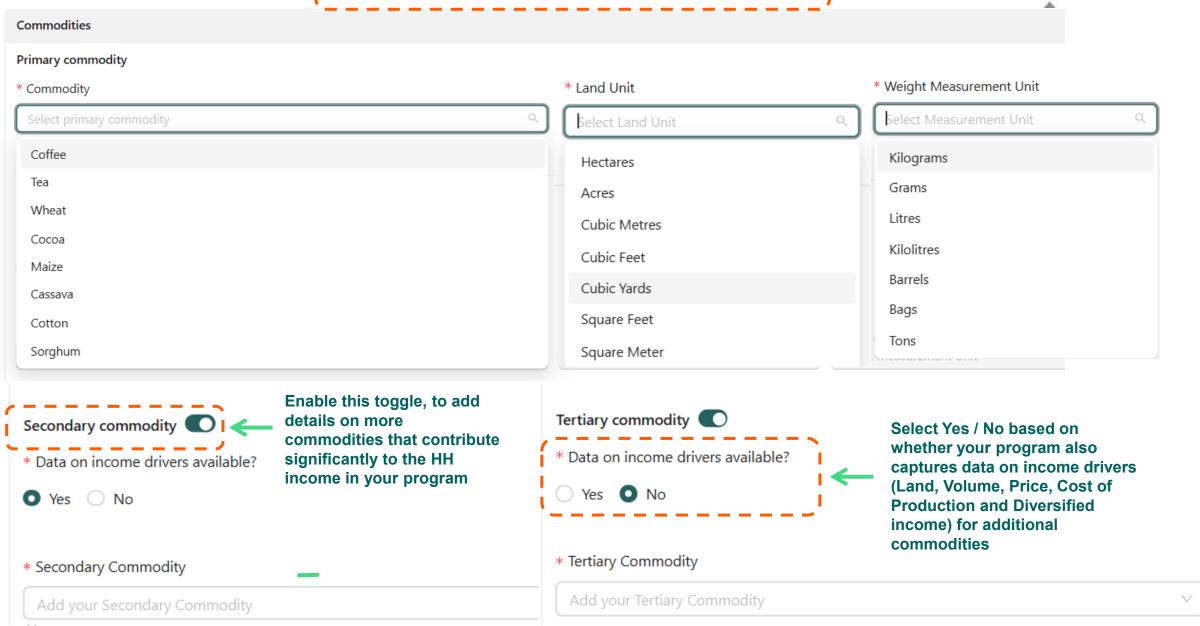


Create new case

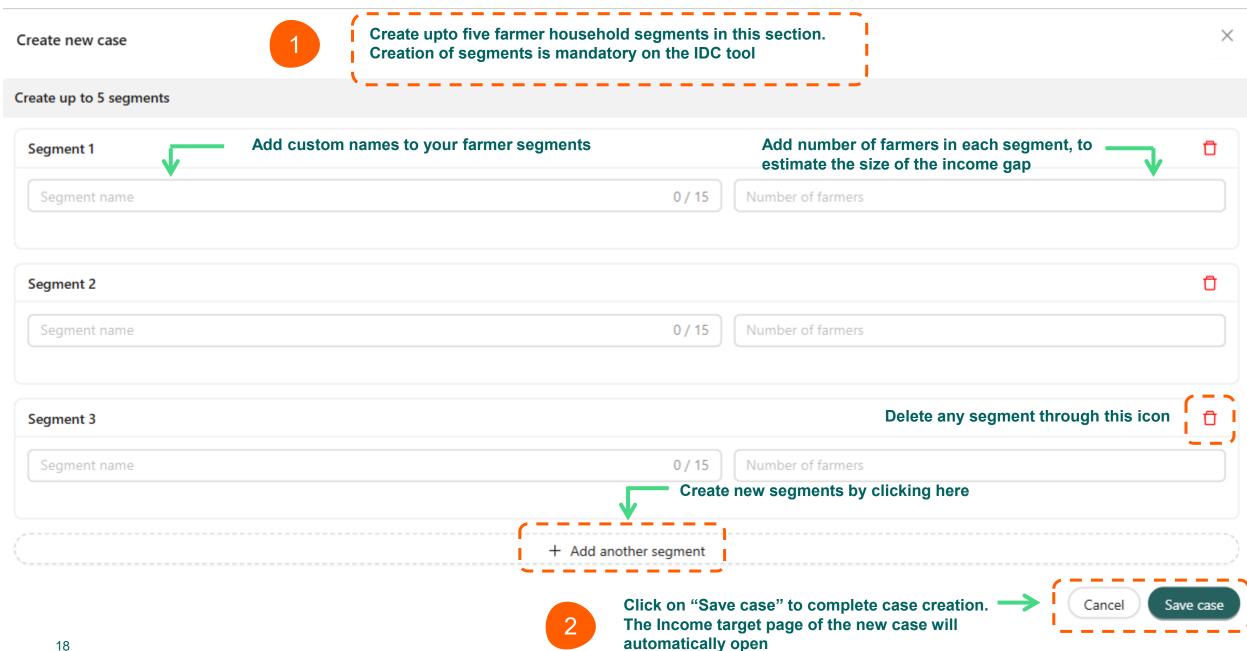


Add the details of the Focus commodity in the program from drop-down options – in this section









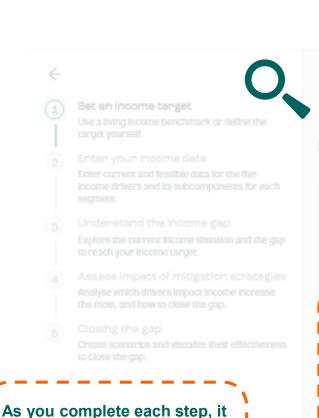




Steps in the IDC analysis

Enhanced and Intuitive user journey







Set an income target

Use a living income benchmark or define the target yourself.



Enter your income data

Enter current and feasible data for the five income drivers and its subcomponents for each segment



Understand the income gap

Explore the current income situation and the gap to reach your income target.



Assess impact of mitigation strategies

Analyze which drivers impact income increase the most, and how to close the gap.



Closing the gap

Save different scenarios to close the gap, and explore procurement practices.

- Here are the different steps in the User journey on the IDC tool, for each program Case
- Based on the current / baseline data available for your program, the IDC assess the current HH income and gap for each segment, and supports in building tailored strategies to bridge the gap
- Further details on each step and outcomes are explained in the upcoming pages.

rage number of adults in the household

is marked with a "Tick" mark

case, you can freely navigate

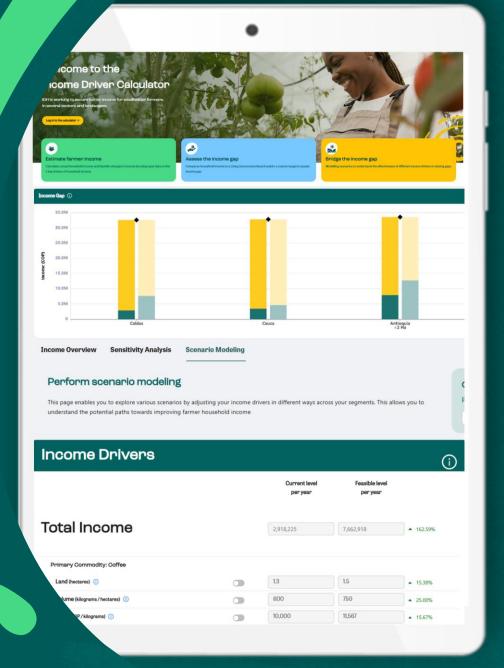
to any step at any time.

As you work on your program



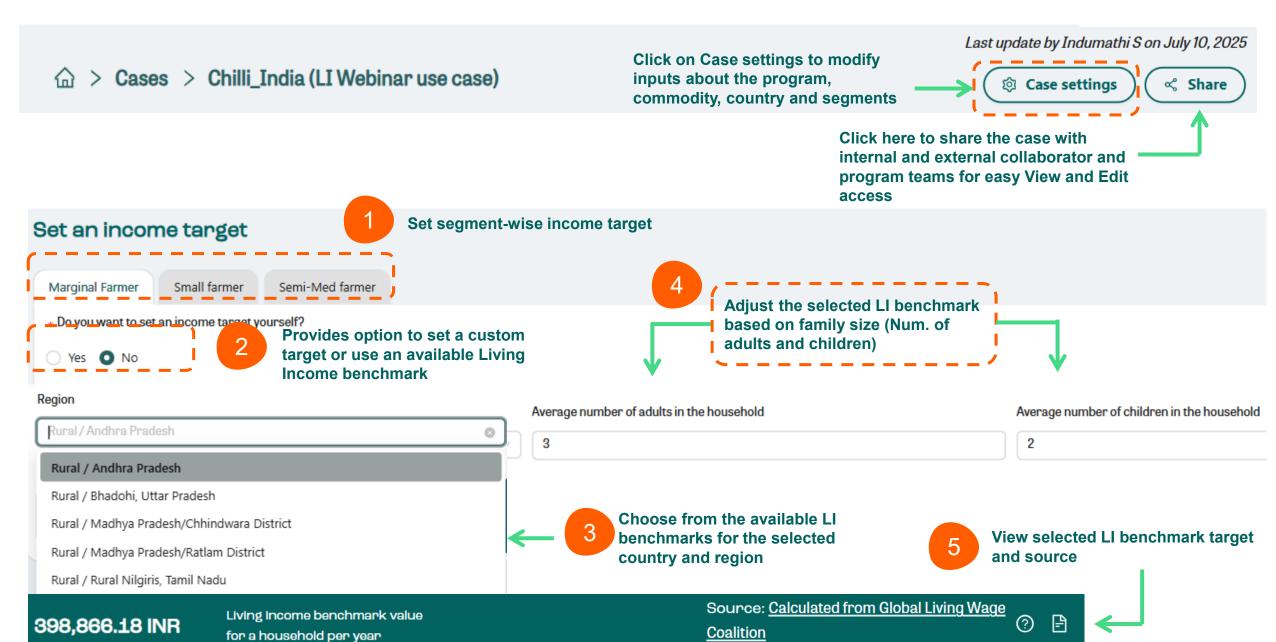
KEY OUTCOMES

- ✓ Set segment-wise income target to run the gap analysis
- ✓ Use a living income benchmark or define a custom target
- ✓ Adjust the living income benchmark based on family size and composition



Step 1: Set an Income target

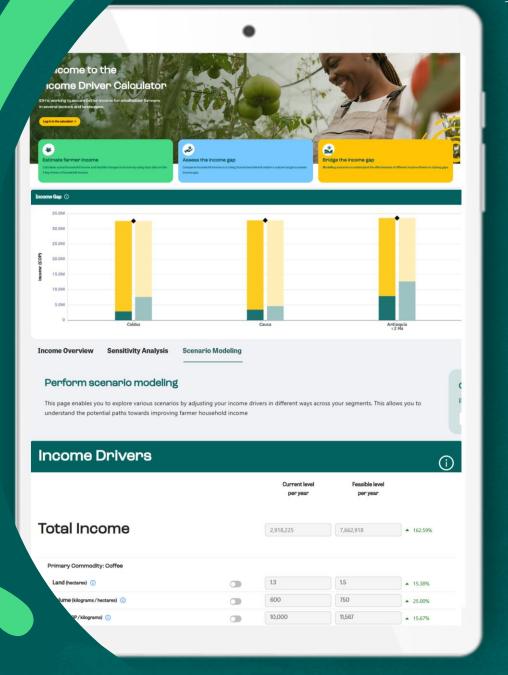






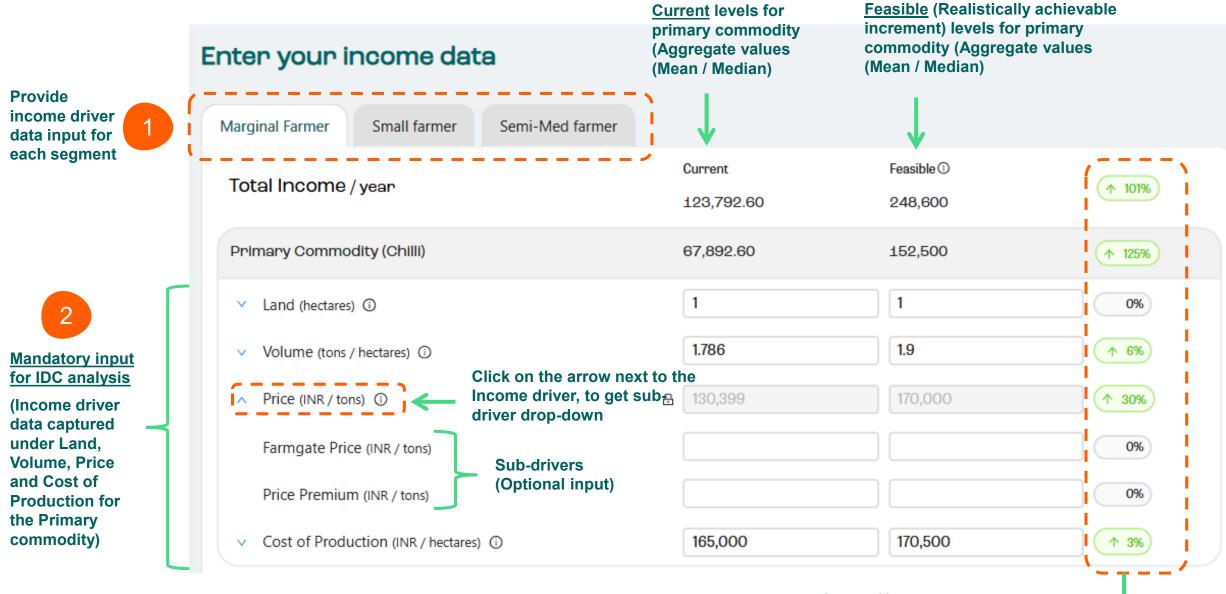
KEY OUTCOMES

- ✓ Add current household income data in terms of 5 key income drivers (and subdrivers), for each farmer segment
- ✓ Add feasible levels for each income driver (and sub-driver)
- ✓ Add the aggregate data (mean / median) for each income driver



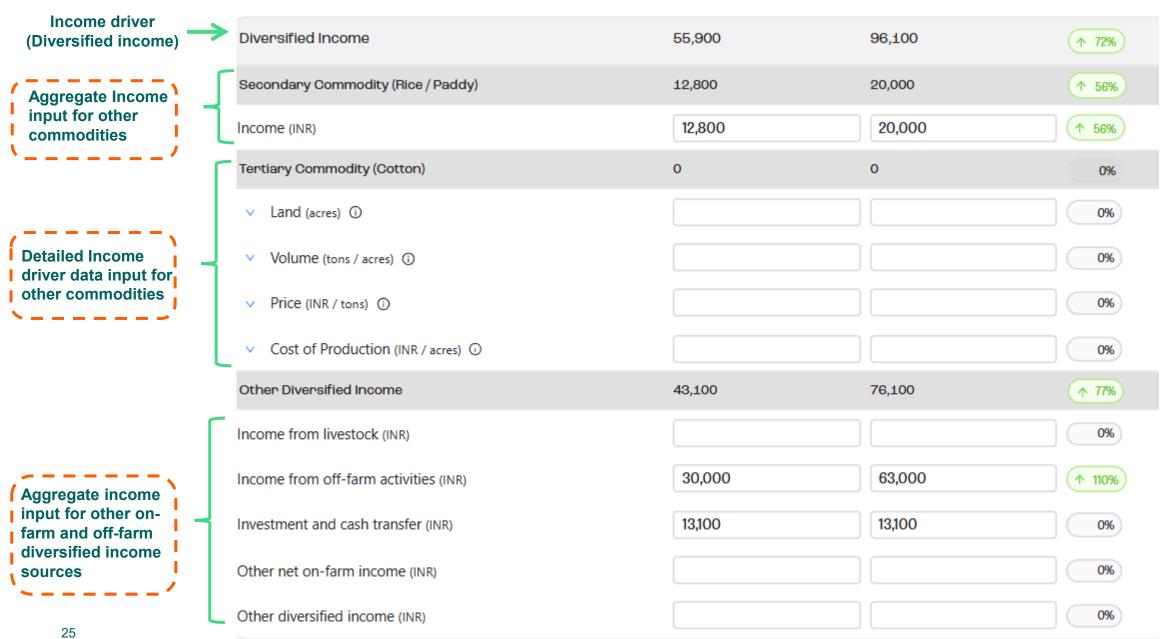
Step 2: Enter your Income data (Source: Primary commodity)





Step 2: Enter your Income data (Source : Other commodities and Income sources)

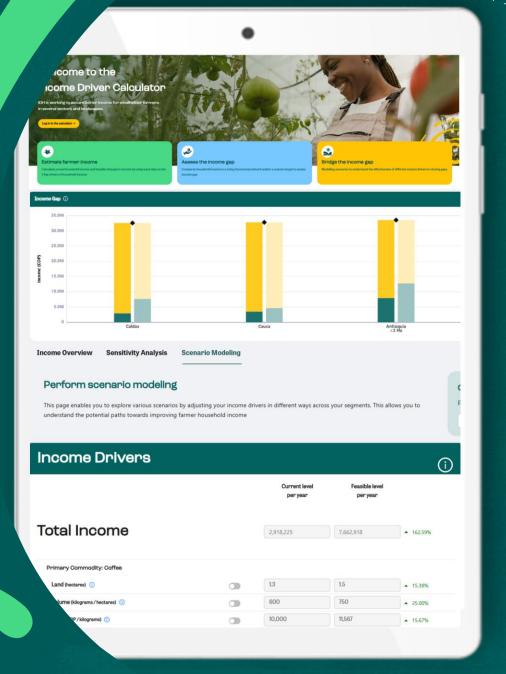






KEY OUTCOMES

- ✓ Understand the current household income and gap situation for each segment
- ✓ Understand how different income drivers and sub-drivers contribute differently for each segment
- ✓ Compare potential to close the gap based on current and feasible levels



Income and Gap analysis – Now includes estimated size of the gap

②

Set an income target

Use a living income benchmark or define the target yourself.

lacksquare

Enter your income data

Enter current and feasible data for the five income drivers and its subcomponents for each segment

3

Understand the income gap

Explore the current income situation and the gap to reach your income target.

4

Assess impact of mitigation strategies

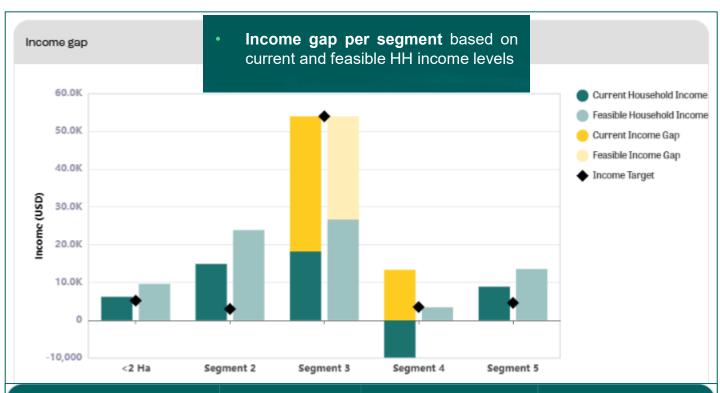
Analyse which drivers impact income increase the most, and how to close the gap.

5

Closing the gap

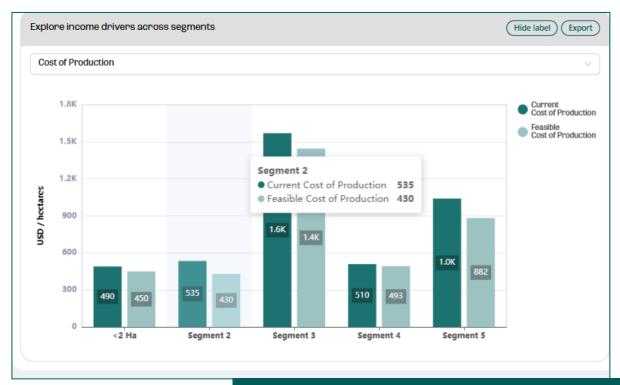
Create scenarios and visualize their effectiveness to close the gap.

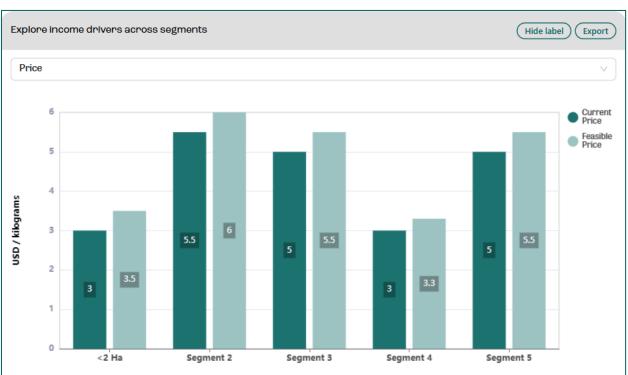
Size of the Income gap based on number of farmer households per segment



Segment	Number of farmers	Income gap at current level	Income gap at feasible level
<2 Ha	500	0.00 USD	0.00 USD
Segment 2	400	0.00 USD	0.00 USD
Segment 3	300	35,802.00 USD	27,328.50 USD
Segment 4	200	13,370.00 USD	80.10 USD
Segment 5	100	0.00 USD	0.00 USD

Analyse the interplay of Income drivers across segments

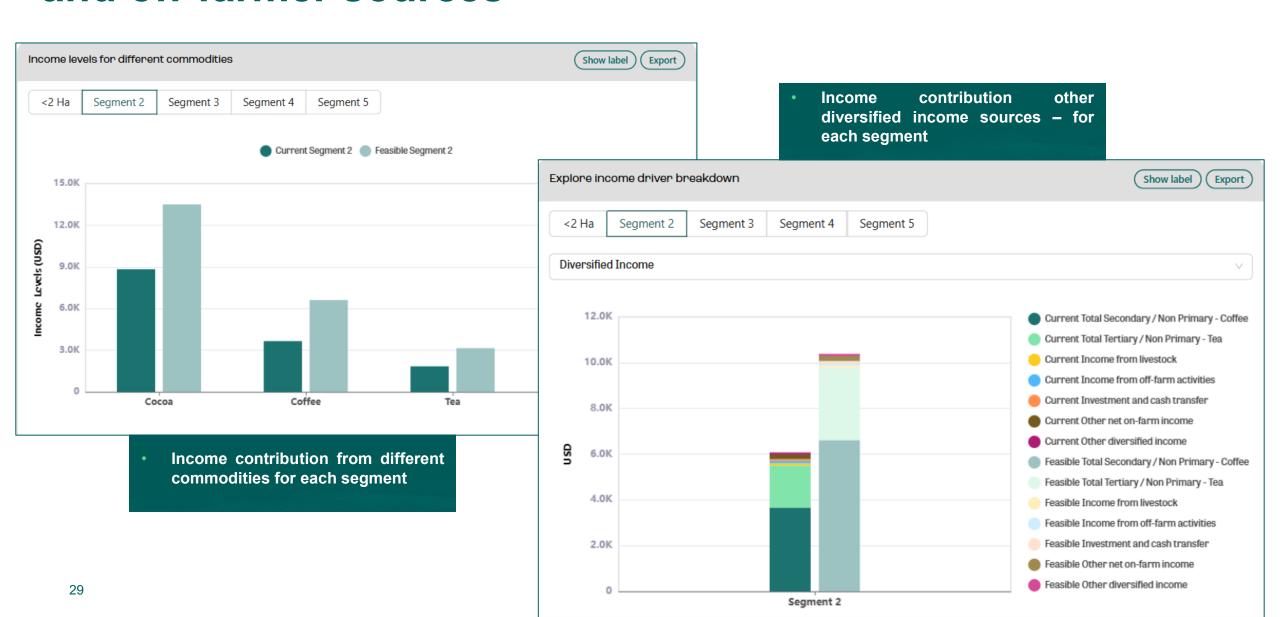




Analyze how different income drivers vary with segment and its characteristics



Measure contribution of Income from other commodities and off-farmer sources

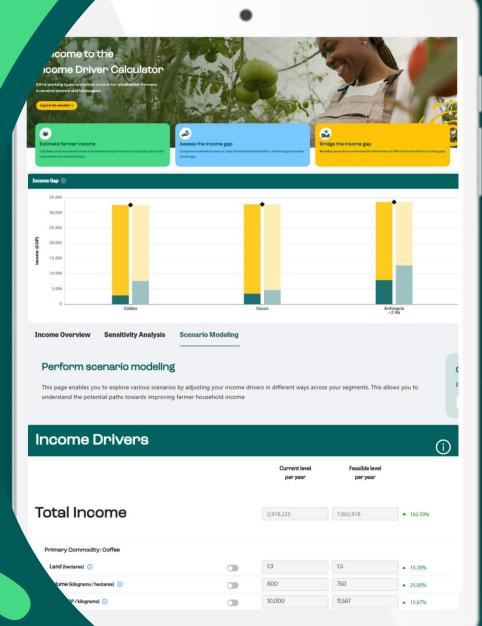




Step 4: Assess Impact of Mitigation strategies

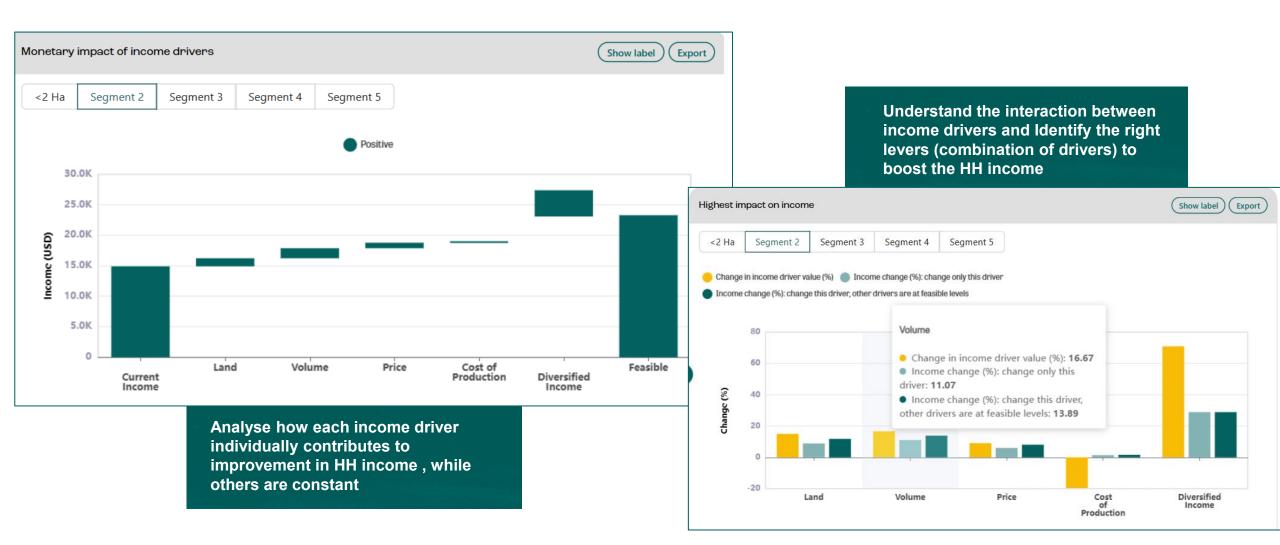
KEY OUTCOMES

- ✓ Identify the most impactful income drivers
- ✓ Adjust income driver values
- ✓ Understand and arrive at potential pathways to close the income gap



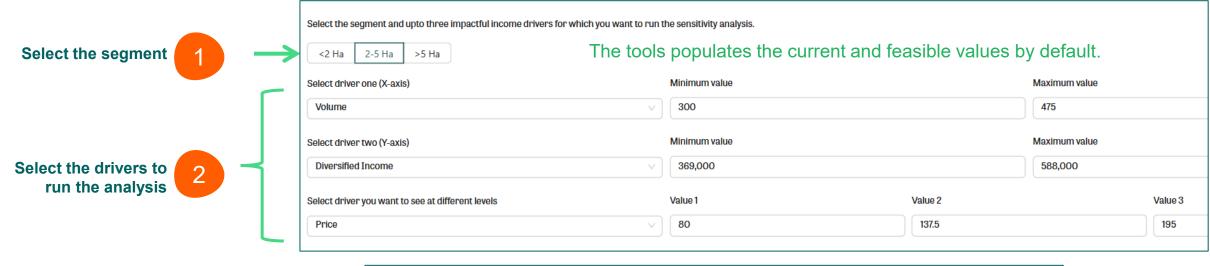


Which drivers have the highest impact on Income change?





Which pairs of drivers have strong impact on Income: Sensitivity Analysis



 $3 \rightarrow$

What is the required Diversified Income (Y-axis) for each combination of Volume (X-axis) and Price?

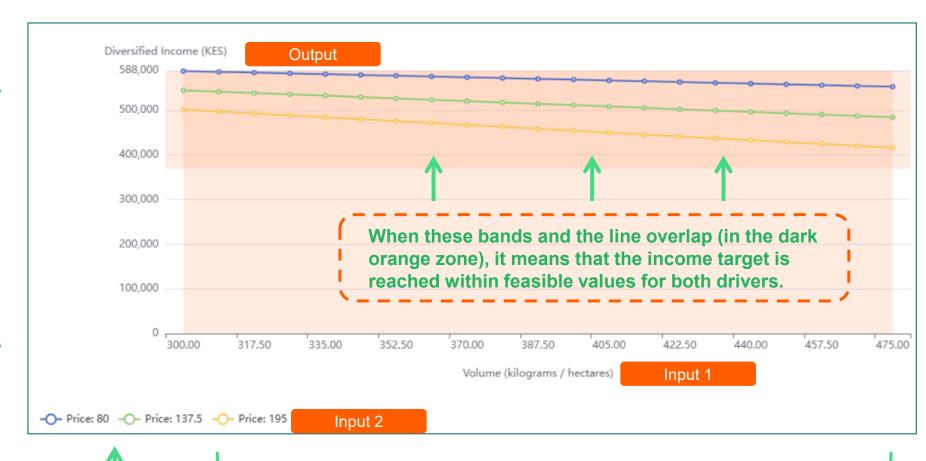
The other two drivers (Land and Cost of Production) stay constant.





Sensitivity Analysis (Contd.)

The horizontal orange band shows the feasible range for Diversified Income (Y-axis).



Each line represents where the income target is exactly met for a given Price level.

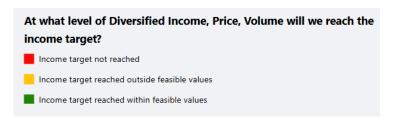
The vertical orange band does the same for Volume (X-axis).

Sensitivity Analysis





The absolute value of Volume, Diversified income and Price, for all the overlapping points are represented in these heat maps.



Income Levels for Price: 80.00 (KES / kilograms) (

Diversified Income (KES)



Volume (kilograms / hectares)

Income Levels for Price: 137.50 (KES / kilograms)

Diversified Income (KES)



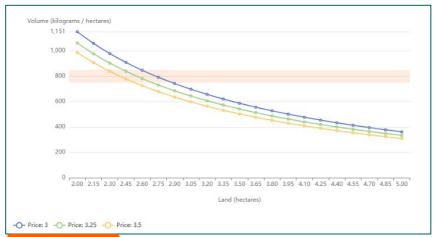
Income Levels for Price: 195.00 (KES / kilograms) ()

Diversified Income (KES)

588,000.00	684,250	705,578	726,906	748,234	769,563
533,250.00	629,500	650,828	672,156	693,484	714,813
478,500.00	574,750	596,078	617,406	638,734	660,063
423,750.00	520,000	541,328	562,656	583,984	605,313
369,000.00	465,250	486,578	507,906	529,234	550,563
7	300.00	343.75	387.50	431.25	475.00



Adjusting Income driver values and combinations



The orange zone in X-axis does not appear Scenario 1



The lines do not overlap with the dark orange zone

KEY ACTIONS

- Adjust the values of the selected income drivers and analyse their impact on the heat map
- Change the combination of drivers chosen for the analysis

Select the segment and upto three impactful income drivers for which you want to run the sensitivity analysis. Calculate Calculate									
Select driver one (X-axis)	Minimum value		Maximum value						
Volume	300		475						
Select driver two (Y-axis)	Minimum value		Maximum value						
Diversified Income V	369,000		588,000						
Select driver you want to see at different levels	Value 1	Value 2		Value 3					
Price	80	137.3		เลอ					

 Adjust the income target and understand how the line graph and heat map changes

Adjust your income target

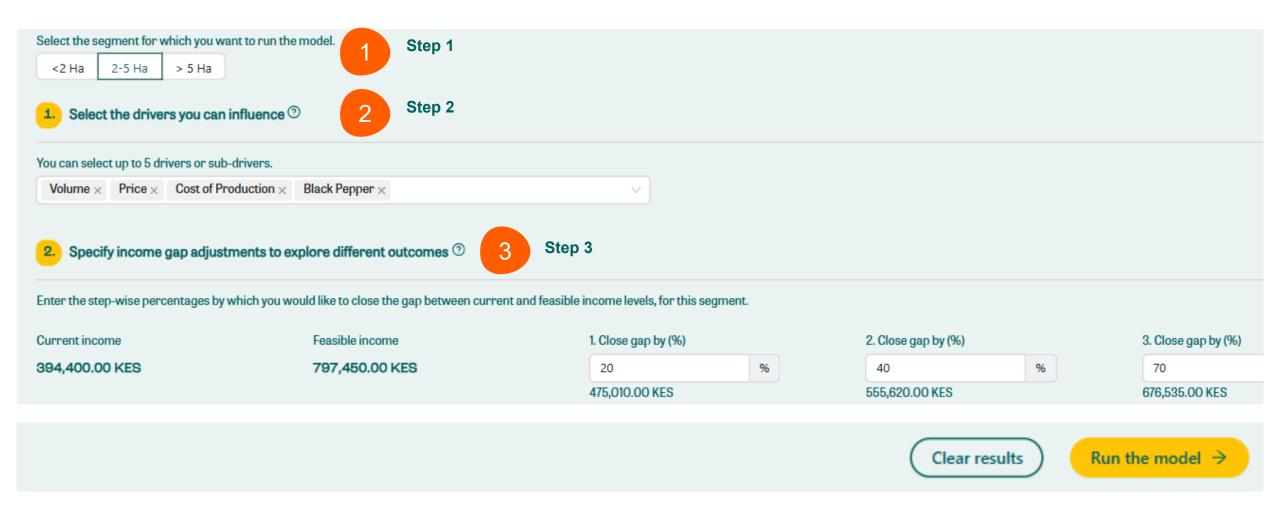
Adjust your income target

The results in the sensitivity analysis depend significantly on the income target value set. When conducting the sensitivity analysis, adjusting the income target is recommended to observe how the results vary, providing better insight into the sensitivity of various income drivers in reaching the income target. If you do not adjust the target, we will use the current target value for the calculations

Adjusted income target: 596,976.00 KES

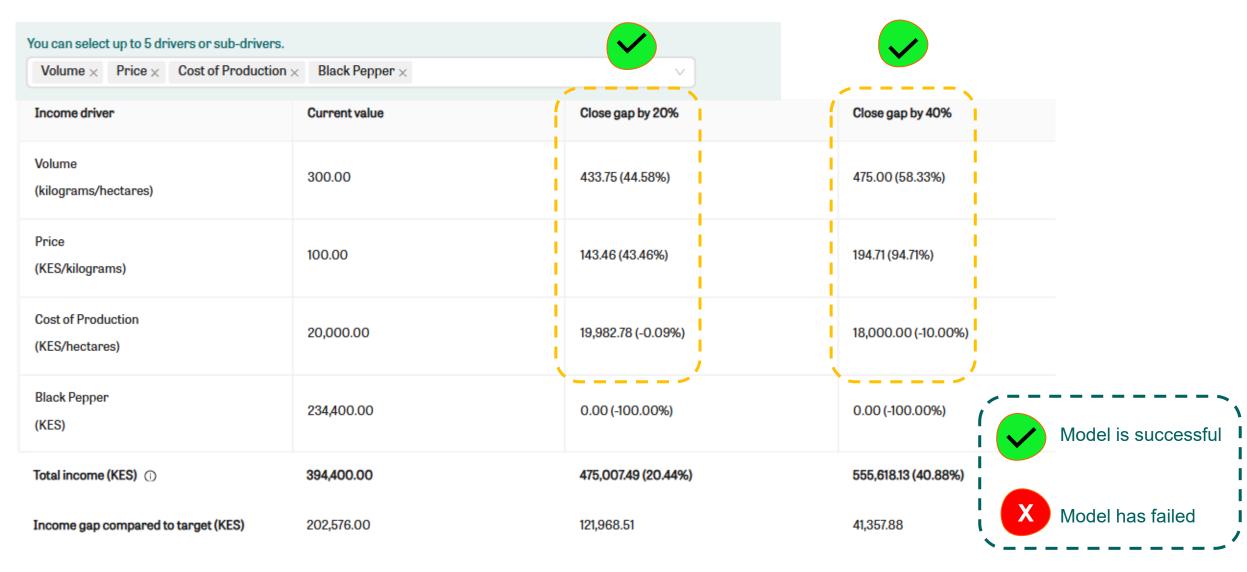


What is the minimum change in drivers needed to close the income gap within feasible limits? Optimisation Model



Optimisation model





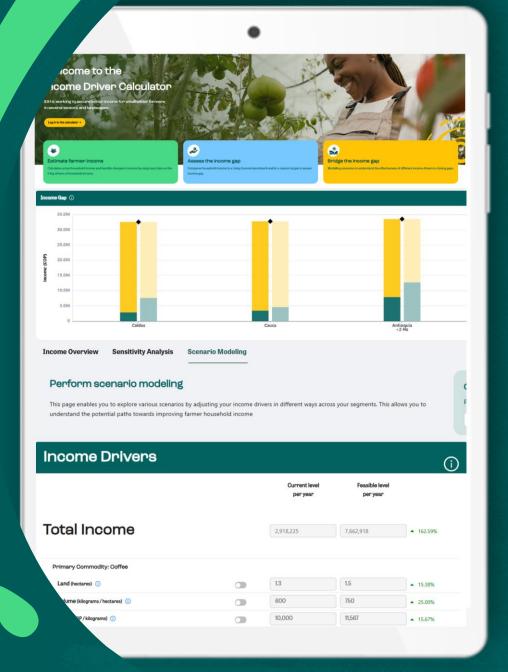


Increase 3 - This income increase is not possible with adjustments only to the selected income drivers. Maximum possible % increase with this driver selection is: 40.08%



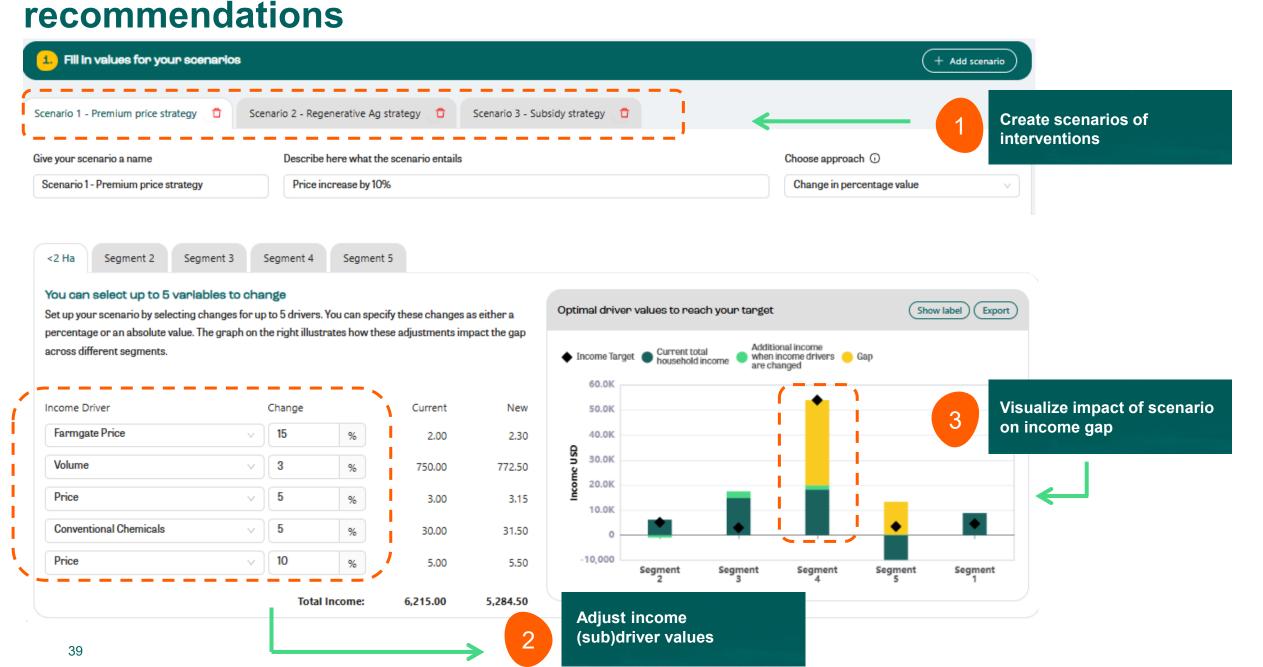
KEY OUTCOMES

- ✓ Model intervention scenarios and visualize their impact on different segments
- Adjust income driver values based on the intervention type
- Compare segment-scenario combinations and identify the best strategy



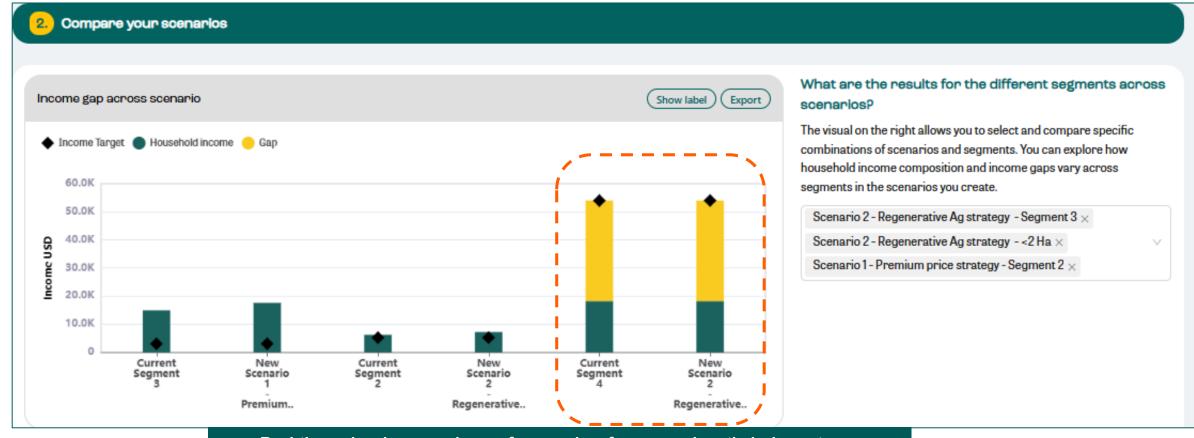
Create scenarios of interventions based on Optimization model







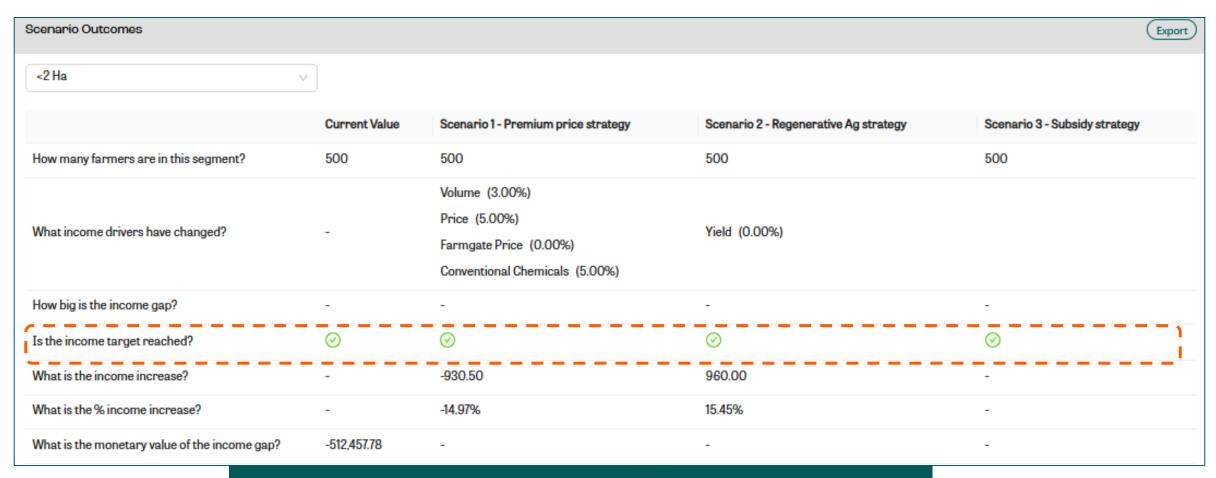
Visualize impact of intervention scenarios in closing the gap



Real-time visual comparison of scenarios for assessing their impact on different segments in narrowing the income gap



Compare segment-scenario combinations dynamically



Quantitatively assess most effective scenarios to narrow the income gap quantitatively

Thank you

Reach out to us at livingincome@idhtrade.org

Indumathi S

Innovation Manager – Better Income

E: srinivasamoorthy@idhtrade.org





Ministry of Foreign Affairs



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