

## Stepwise Approach

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### Summary

Stepwise breaks down the recommended best practices that many farmers cannot afford to implement into smaller, more affordable packages that can be implemented in phases.

### Technical Description

The Stepwise Climate Smart Investment Pathway (Stepwise) is an approach developed by the IITA research team in collaboration with partners. Stepwise breaks down the recommended best practices that many farmers cannot afford to implement into smaller, more affordable packages that can be implemented in phases. Stepwise considers specific agro-ecological variables and farmer needs and aspirations to guide incremental investment by the farmer in specific sets of, and timing of practices. This incremental investment is expected to subsequently increase coffee yields in a stepwise manner.

### Uses

Informs smallholder farmers on the most efficient incremental investments needed to increase coffee yields and promote improved farmer livelihoods. Increases awareness and knowledge of climate smart agricultural practices thus contributing to increased smallholder farmer resilience. Informs public and private sector on more effective targeting of extension support to smallholder coffee farmers

### Composition

IITA Uganda and partners under the CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS) (<https://ccafs.cgiar.org/>) is promoting increased smallholder coffee farmer adoption of Climate Smart Agriculture (CSA) practices in Uganda.

### Means of application

Stepwise breaks down the recommended best practices that many farmers cannot afford to implement into smaller, more affordable packages that can be implemented in phases.

<b>Agroecologies</b>	All Agroecologies.
<b>Regions</b>	Africa.
<b>Developed in Countries</b>	Ghana, Uganda.
<b>Available in</b>	Ghana, Uganda.
<b>Solution Forms</b>	Digital Application, Management.
<b>Solution Applications</b>	Improved variety, Soil fertility management, Disease control, Weed control, Insect control.
<b>Agricultural Commodities</b>	Other tree crop.
<b>Target Beneficiaries</b>	Small-scale farmers, Other beneficiaries, Commercial farmers.

## **Commercialization**

### **Commercialization Category**

Management technology with limited commercial potential

### **Startup Requirements**

Knowledge of the approach

### **Production Costs**

Not available

### **Customer Segmentation**

Small holder coffee farmers

### **Potential Profitability**

Not available

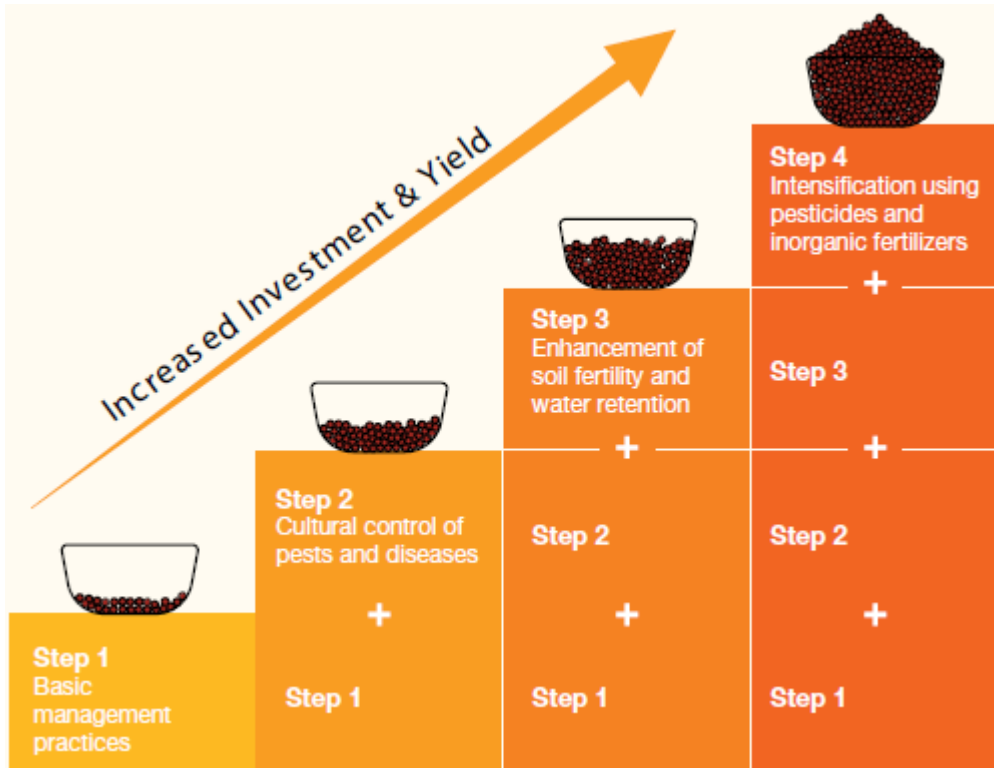
### **Licensing Requirements**

None

### **Innovation as Public Good**

public good

## Solution Images





**Stepwise**



## Institutions



## Accompanying Solutions

Stepwise Approach is accompanied by Stepwise Smartphone Application available on Google Play Store with App name "Stepwise"