NextGen Advisory: Digital Advisory tool for Farmers

Empowering Farmers with Digital Guidance

The NextGen advisory system utilizes precise location, context, and climate data to offer tailored agricultural advisories. Using machine learning algorithms, the system analyzes diverse data points to provide accurate recommendations for fertilizer use and other farming practices.

This technology is pre-validated.

8·7 Scaling readiness: idea maturity: 8/9; level of use: 7/9

24—36 %

Wheat yield increased

IP

Unknown

Problem

- Traditional low fertilizer application rates, which are prevalent in many agricultural regions.
- This practice leads to underutilization of resources and limits crop growth, thereby affecting overall agricultural productivity.

Solution

- The tool provide site-specific organic and inorganic fertilizer recommendations for key crops such as maize, teff, and wheat.
- It integrates hyper-localized data and tailored approaches to address soil fertility management plus (ISFM+) framework.
- This comprehensive tool aims to increase agricultural productivity and sustainability by providing precise, actionable advisories directly to farmers.

Key points to design your business plan

NextGenAgroadvisory is a digital application that revolutionizes wheat, maize and teff farming by offering personalized management recommendations.
To utilize this technology:

- Access the NextGenAgroadvisory app from Google Play or the Web App on your smartphone, tablet, or computer.
- Cost Structure Considerations: The app is available for free download and use. However, farmers should consider the costs associated with acquiring smartphones and data plans necessary to run the app effectively.
- Allocate resources for training to ensure that farmers and extension agents can efficiently utilize the app.
- Factor in the costs associated with implementing the recommendations provided by the app, such as investing in fertilizers and weed management technologies.

Gender assessment

Climate impact

EXCELLENCE IN AGRONOMY
Adapt Intensify Grow

Excellence in Agronomy
Lulseged Tamene

Technology from

CASH from EiA

Commodities

Wheat, Teff, Maize

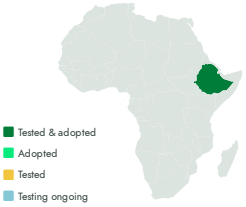
Sustainable Development Goals

1 NO POVERTY
2 ZERO HUNGER
13 CLIMATE ACTION
15 LIFE ON LAND

Categories

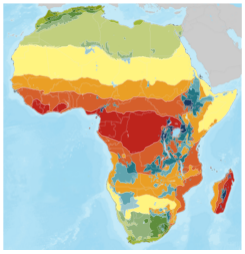
Production, Digital applications, Advisory and information service, Yield improvement

Tested/adopted in



Where it can be used

This technology can be used in the colored agro-ecological zones.



Target groups

Development institutions, Farmers,