

Understanding Climate-Smart Agriculture

The planet's **climate** is changing. This is **undeniable**. Climate change **presents** a critical **challenge** for global food **security**. The men and women who **produce** our food, farmers, **herders**, and fishers, are **hit** the **hardest** by the **consequences** of climate change. Farming communities need to **build** their **resilience** and **ability** to **adapt** to changing climates in a way that they can **feed** a growing **population** without further **depleting** our **precious** reserves of **soil** and **water**. This is why we need **climate-smart** agriculture

Climate-smart agriculture is not a new **technique**. It is an **approach** to **identify** production systems that can best **respond** to the impacts of climate change and **adjust** these systems to **suit** local environmental **conditions** now and in the future. This **approach** can help **transform** agricultural systems to support **sustainable** development and food security in a **changing** climate. It's about increasing sustainable **production** and **incomes**, adapting and building **resilience** to the impacts of climate change, and wherever possible, **reducing** greenhouse gases. We can **make** climate-smart agriculture a **reality**. These are the **ingredients** we need.

Expand the evidence base. **Policymakers** need to know the **current** and **projected** impacts of climate change and just how **vulnerable** the **agricultural communities** and **ecosystems** really are

Improve policies. People working in many different **fields**. Agriculture, climate change, food security, and land use need to **collaborate**. Work together on **supportive** policies and plans, **taking into account the entire landscape**.

Support and empower local institutions. Local institutions are needed to develop **capacities** and **motivate** men and women farmers. This way, they can **adapt** their practices and plan together the best way to do climate-smart agriculture

Combine financing **options** in a new way. We need to **bring together** financing **sources** that **target** agriculture and climate change

Good security **depends on** how we **treat** our planet. Let's make sure our agriculture is **productive** and sustainable for **generations to come**.