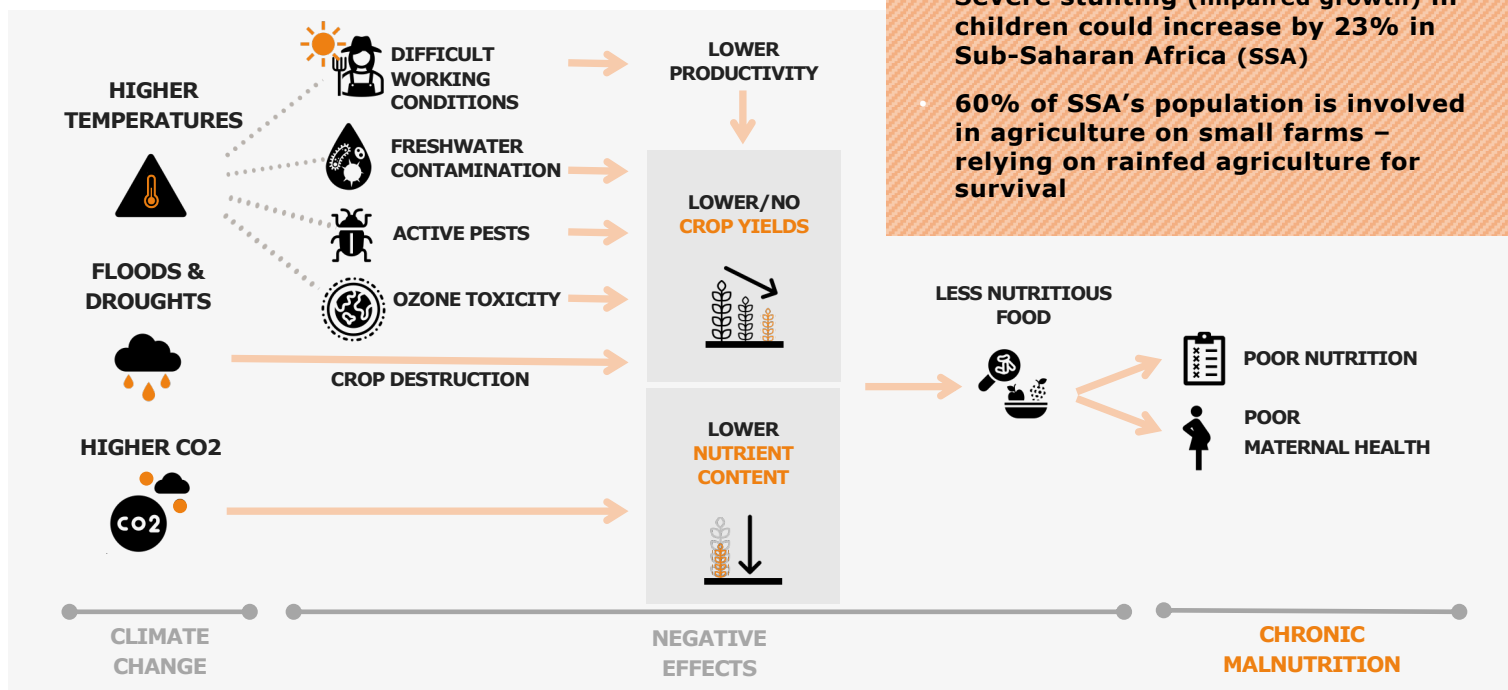


ENVIRONMENTALLY SUSTAINABLE APPROACHES TO END CHRONIC MALNUTRITION

A 2021 study on 19 low-income countries showed that **negative impacts of climate** are an **equal or greater contributor to child malnutrition and low quality diets** than poor sanitation and poor education.

FACTS ON CLIMATE CHANGE EFFECTS

- Cereal production reduced by 9–10% in the last 50 years
- Severe stunting (impaired growth) in children could increase by 23% in Sub-Saharan Africa (SSA)
- 60% of SSA's population is involved in agriculture on small farms – relying on rainfed agriculture for survival



WORK WITH US ON CLIMATE-SMART AGRICULTURAL SOLUTIONS SUCH AS



Crops 2.0: Nutrient-rich + climate-resilient

Improved *fruits & vegetable* seeds are bought from local SMEs to set up micro-gardens. We also promote local “forgotten” crops, e.g. Bambara groundnuts – highly nutritious, fast-growing, drought-resistant crop.



Solar-powered irrigation for year-long production

These systems for community gardens ensure access to nutritious foods during the lean season, while providing reliable and affordable energy to farmers.



Climate-smart farming practices

Erosion control, soil and water conservation techniques, post-harvest and storage practices. E.g. *zai* and *half-moon* planting techniques used to harvest rainwater and regenerate degraded soils.



Extension services

Advisory and financial services, and training to improve farming combined with nutrition education, which has shown more impact when implementing climate-smart agricultural programs.