

TRANSFORMING AGRICULTURE IN AFRICA
AGROECOLOGY and ORGANIC TRADE



Reducing Synthetic Pesticides and Fertilizers

Nutrition Health and Agriculture

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Ministry of Health,
Kenya

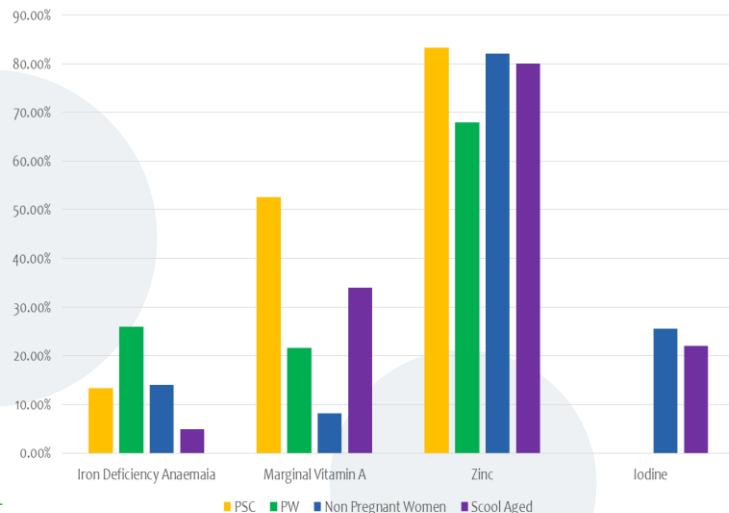
“Those who think they have
no time for healthy
eating... will sooner or later
have to find time for illness.”
~Edward Stanley



1 IN 3 PEOPLE SUFFER FROM A FORM OF MALNUTRITION OUT OF 667 MILLION CHILDREN UNDER AGE 5 WORLDWIDE

Micronutrient Deficiencies in Kenya

Micronutrient Status



ABOUT **2 BILLION** PEOPLE
SUFFER FROM
MICRONUTRIENT
MALNUTRITION

Overweight
and obesity in
adults

Stunting

**159
MILLION**
STUNTED
globally

Overweight

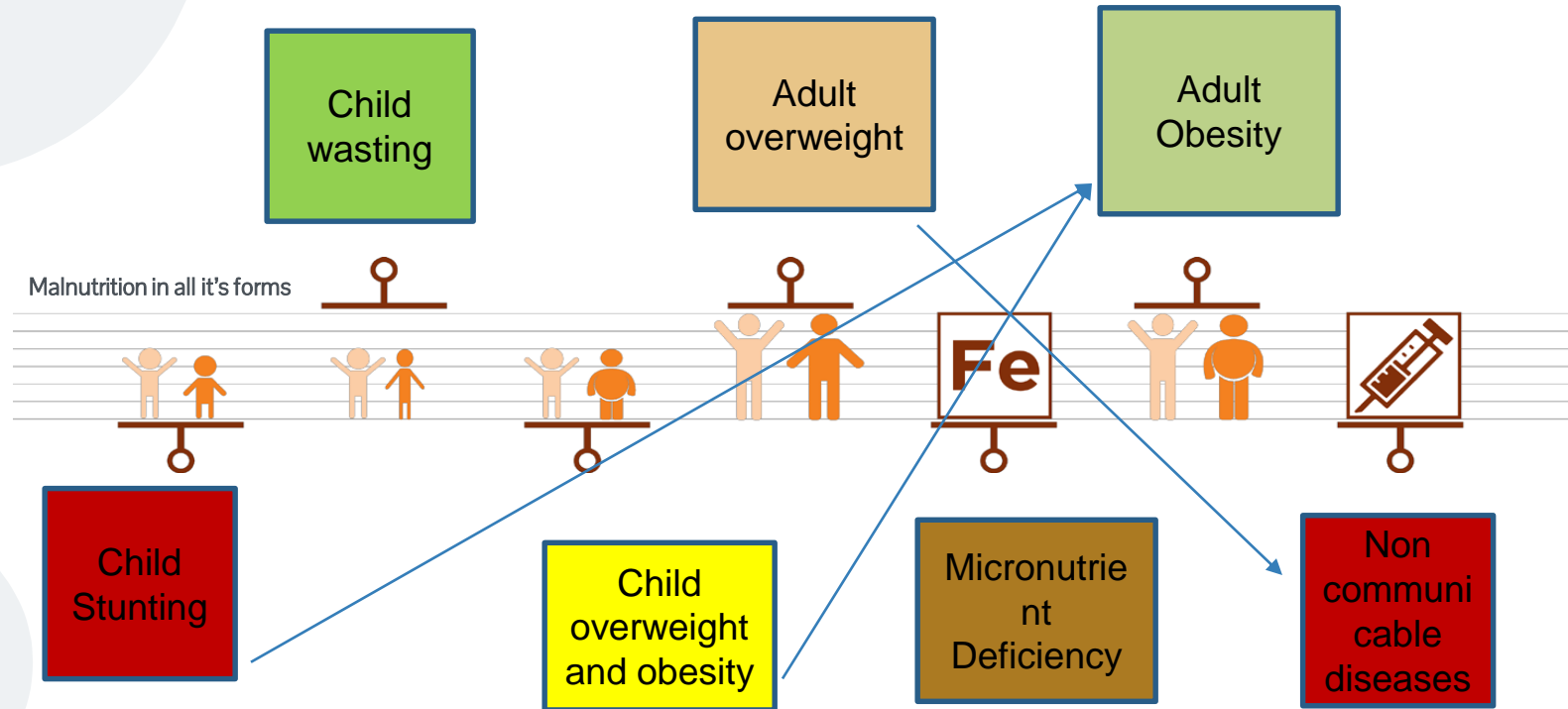
41 MILLION
OVERWEIGHT
HT

OVER **2
BILLION**
ADULTS ARE
OBESE OR
OVERWEIGHT

Why Nutrition

- **Wellbeing and health for all**
- **Boost gross national product** by 11% in Africa and Asia.
- **Prevent child deaths** by more than one third per year.
- **Improve school attainment** by at least one year.
- **Increase wages** by 5-50%.
- **Reduce poverty** as well-nourished children are 33% more likely to escape poverty as adults.
- **Break the inter-generational cycle of poverty.**

Malnutrition in all its forms





Quality of Food

Nutrients

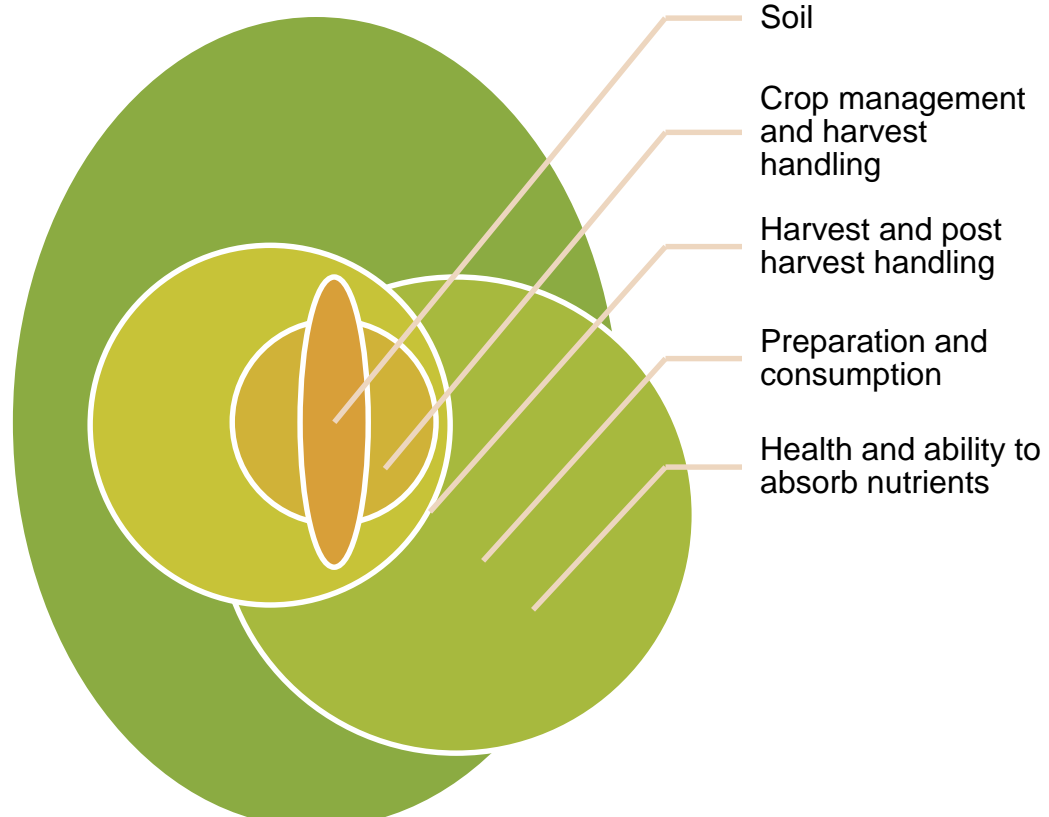
Quality of Food starts from the nutrients which are found in the soil

Safety

Contaminants, harmful chemicals bind nutrients in the soil. Contaminated foods bind nutrients and hinder absorption.

Contaminated food causes diarrheal diseases and this leads to nutrient loss in an individual

The Egg is starting to loose its shape



Nutrient Deficiencies in Crops

Zinc Deficiency

Calcium deficiency



Manganese deficiency





Disabilities are permanent



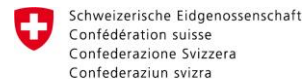
“ — *No matter how much it gets abused, the body can restore balance. The first rule is to stop interfering with nature.*” ~Deepak Chopra

Thanks!

ANY QUESTIONS?

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