

Nutrition security: a vital element of food security and sustainable development

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Food and nutrition security



When all people at all times have physical, social and economic access to food, which is consumed in sufficient quantity and quality to meet their dietary needs and food preferences, and is supported by an environment of adequate sanitation, health services and care, allowing for a healthy and active life.

(Wüstefeld 2013)

What is malnutrition?



Good nutrition requires good food, good care and good health!

What does malnutrition look like in numbers?

200 MILLION

children under the age of 5 are stunted or wasted due to undernutrition.

1.4 BILLION

people are overweight or obese.

2 BILLION

people suffer physical and cognitive effects resulting from a lack of essential vitamins and minerals in their diets.

THESE NUTRITION CHALLENGES POSE A DIRECT THREAT TO THE ASPIRATIONS OF THE NEXT GENERATION.

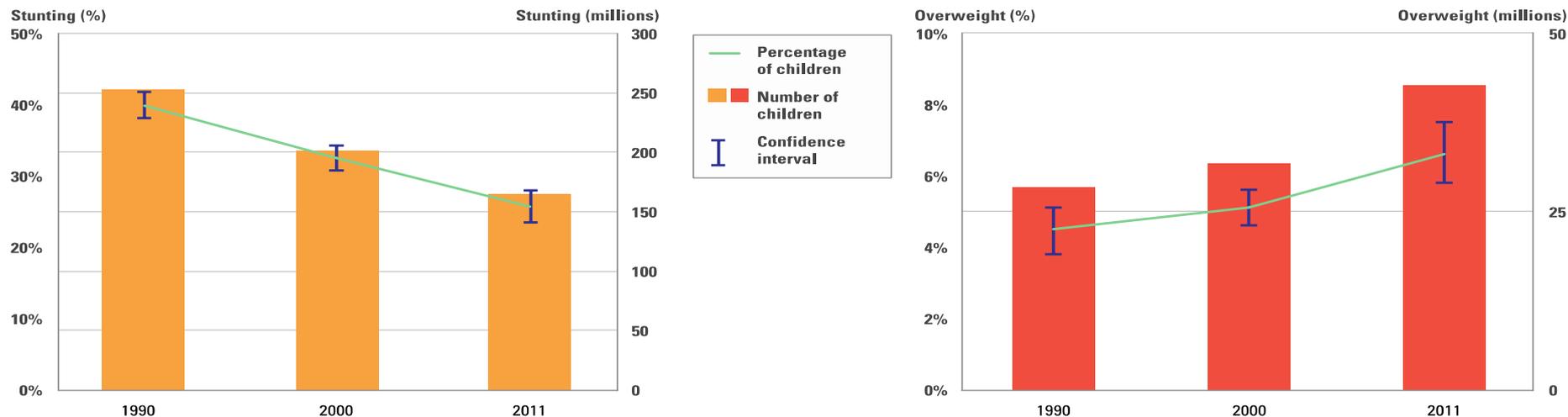
Glopan 2014

Global child nutrition trends: the double burden transition

FIGURE 10

Contrasting global trends in child stunting and overweight

Percentage and number of children under age 5 who are moderately or severely stunted and who are overweight



Note: The lines (with 95 per cent confidence intervals) reflect the percentages of children and the bars reflect the numbers of children.

Source: UNICEF, WHO, World Bank, *Joint Child Malnutrition Estimates*, 2012.

Where are we going?



Daniel Lieberman

The agriculture, human nutrition & health nexus



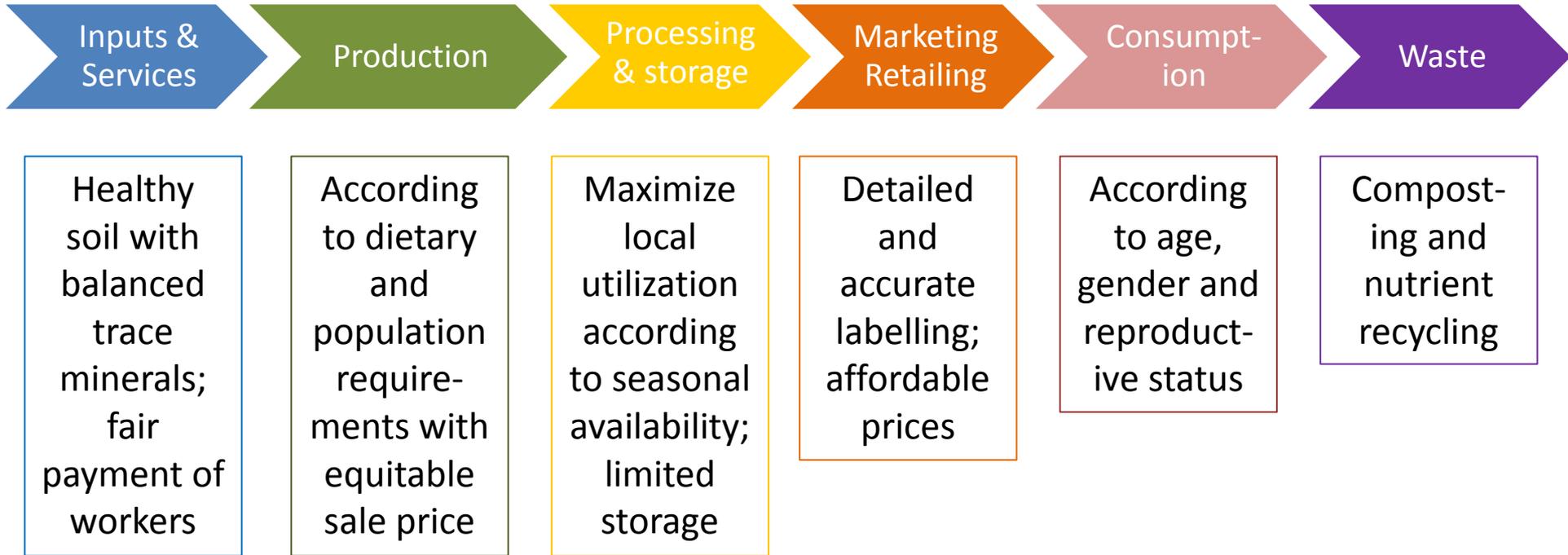
- More **food** ≠ better nutrition
- More **crops** ≠ less stunting
- **Stunting** - long-term cumulative impacts
 - **Children** – health, physical and cognitive development capacity
 - **Adults** - productivity losses
- **11% of gross national product** in Africa and Asia lost annually due to malnutrition

Where we are:

commodity-based, processed food value chain



Where we want to be: nutrition- and gender-sensitive value chains



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Thank you for your attention.



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