



FOOD SECURITY, THE MOVING BORDERS OF POVERTY, FREE MARKETS AND POLITICAL INTERVENTIONS

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Tendering dpt.



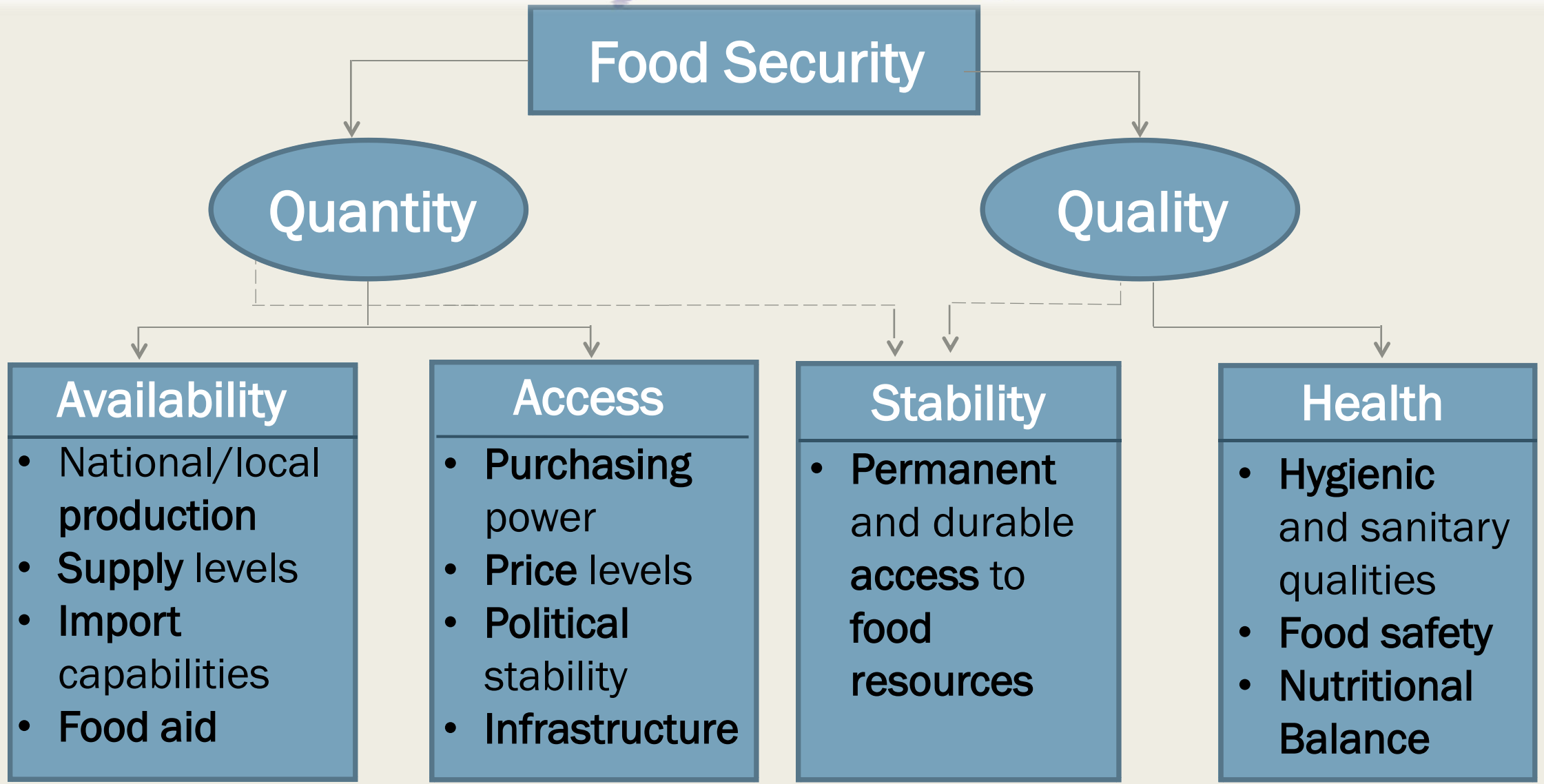
Outline:

- Background information
- Objective
- Findings
- Recent findings
- Conclusion



Background: What is Food Security?

- Food Security is a **situation** that exists when all people, at all times, have **physical, social** and **economic** access to **sufficient safe** and **nutritious** food that meets their dietary needs and food preferences for an active and healthy life (FAO, 2002).





Background: What Causes Food Insecurity?

- Climate changes
- Agricultural problems
- Rapid population growth
- Political instability
- Food deserts
- Cash crops dependence



Background: What Does Food Insecurity Cause?

- Food shortage - Hunger & Malnutrition
- Weakens diseases resistance
- Reduces in the ability of those affected to learn
- Hampers work productivity
- Economic disadvantages



- The United Nations Food and Agriculture Organization (FAO) states that the number of undernourished people in the world has increased reaching an estimate of **821 million in 2017.**
- Returning to levels from a **decade ago**

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ميفوسا ش.م.م

مستشارو السلامة الغذائية للشرق الأوسط وشمال أفريقيا

WHAT ARE WE DOING WRONG?



Objective:

- The objective of this paper is to analyze and structure MENA's major development challenges related to food security.



Findings:

- The MENA region is **food import-dependent**

- **Demand:**
 - ⇒ *increase in population*
 - ⇒ *consumption pattern changes (higher- value products)*

- **Supply:**
 - ⇒ *limited natural resources*



Findings:

Factors Determining Supply & Demand:

Supply	Demand
<ul style="list-style-type: none">• Volume/Stability of food production• Available food stocks• Food imports	<ul style="list-style-type: none">• Availability of foreign exchange to pay food imports• Availability of productive assets• Food- Aid



Findings:

- Future food security must secure access to food through:
 - ⇒ *Domestic investments*
 - ⇒ *International arrangements*
- Food Imports to Exports **(1:1 ratio)**
- **External shock** vulnerability



Findings:

- Individuals and households:
 - ⇒ *Food **availability** (surplus, storage facilities)*
 - ⇒ *Food **accessibility** (jobs, income, education)*
 - ⇒ *Food **utilization** (nutrition security)*





Findings

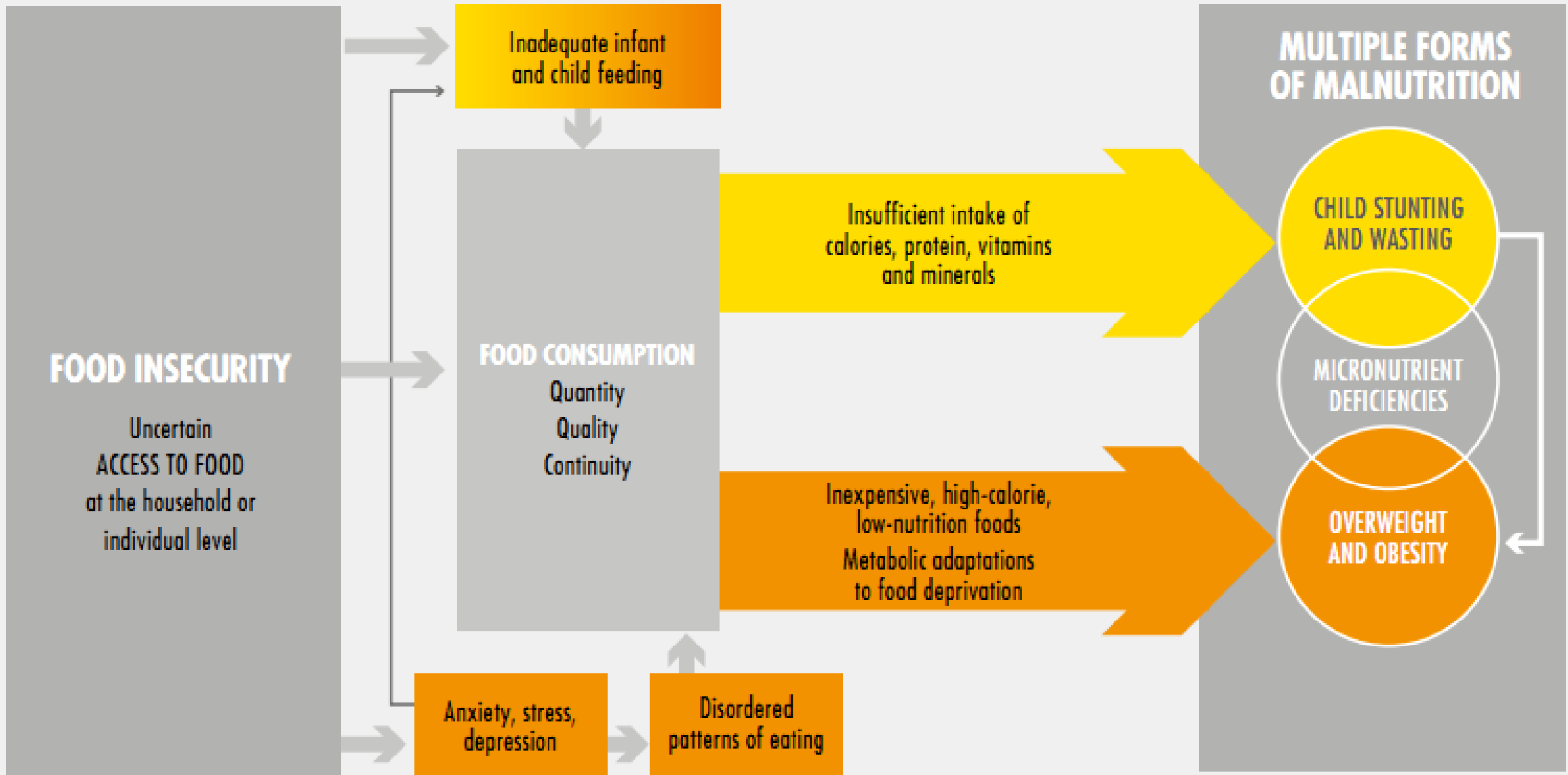
- Invest in complementary resources:
 - ⇒ ***Nutrition education***
 - ⇒ ***Health care***
 - ⇒ ***Provision of safe water and better sanitation***





Recent Findings: Links Between Food Insecurity and Malnutrition

- “Main pathways from food insecurity to malnutrition pass through **food consumption, or diet.**”
- “Indicators of **dietary intake** are crucial to understanding the pathway from food insecurity to nutritional outcomes.”



Undernutrition pathway
 Obesogenic pathway



Recent Findings: Outside Factor

- Number of undernourished people are high due to:
 - ⇒ **Climate** extremes (South Eastern Asia)
 - ⇒ **Agricultural systems** are highly sensitive to climate variability.
- “As climate change reshapes agriculture, international trade will be increasingly important to feeding the world”



Conclusions:

- Food security is **complex** and **interrelated**
- A sustainable **shift** must be made towards **nutrition-sensitive agriculture** and **food systems** that can provide **safe** and **high-quality** food for all
- More attention should be given to **vulnerable groups** such as infants, adolescent girls, women, etc. who suffer from insufficient food access.



“The path to food security begins by exploring the challenges, then developing solutions.”

- 2017; Global Food Security Index

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THANK YOU!



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