

Assessing the Potential of Insects as Food and Feed in assuring Food Security

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Summary



- What is food security?
- Food security as a development objective
- Food security and nutrition – underlying concepts
- Consultation themes and “assuring food security”



food security defined



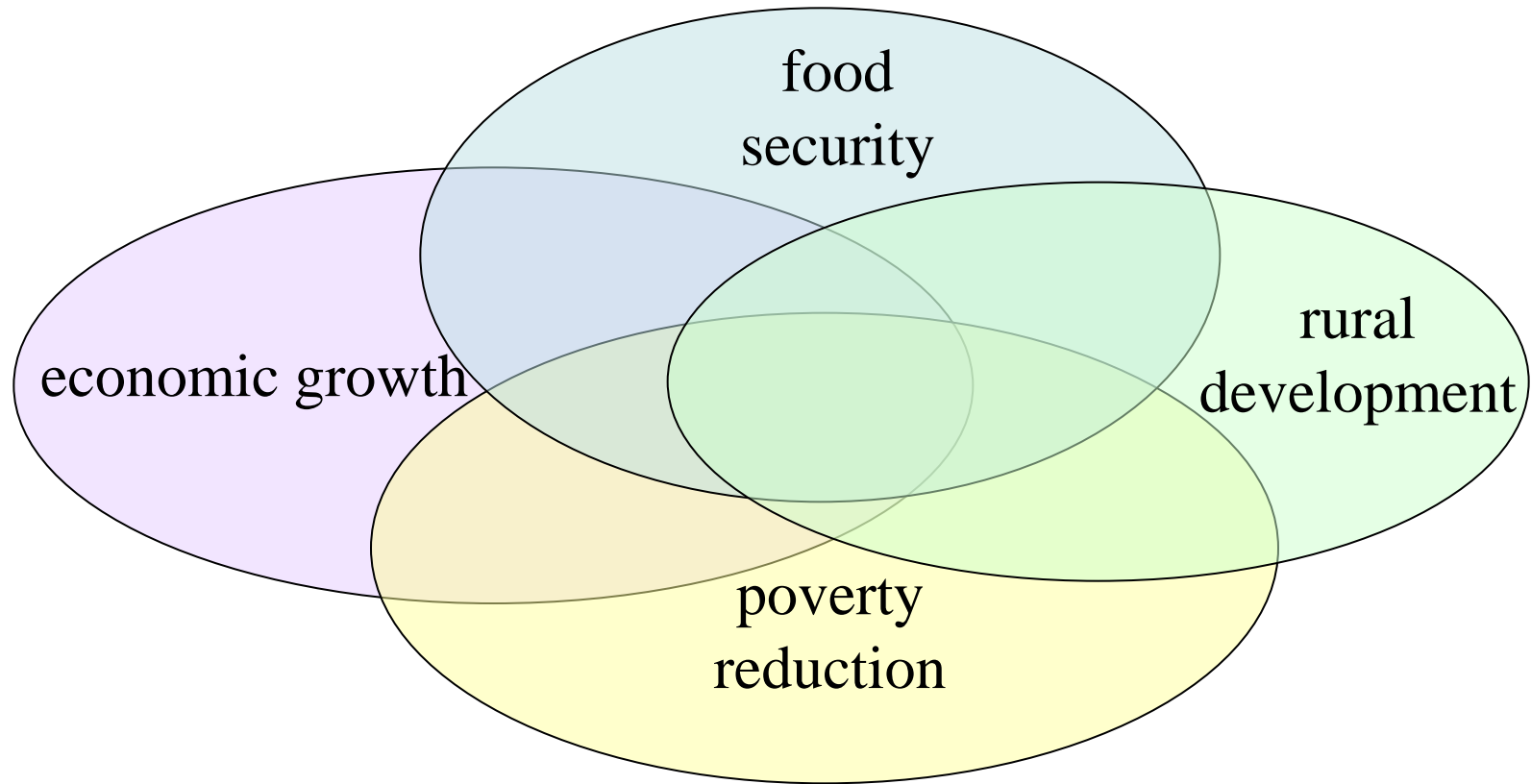
what is food security?



Food security exists when all people, at all times,
have physical and economic access
to sufficient, safe and nutritious food
to meet their dietary needs and food preferences
for an active and healthy life.

[World Food Summit, November 1996](#)

Food security as a development objective



food security and nutrition

- underlying concepts –



food security dimensions



‘4 dimensions of food security’
- and nutrition linkages -

availability

- domestic production
- import capacity
- food stocks
- food aid

access

- poverty
- purchasing power
- transport and market infrastructure
- food distribution

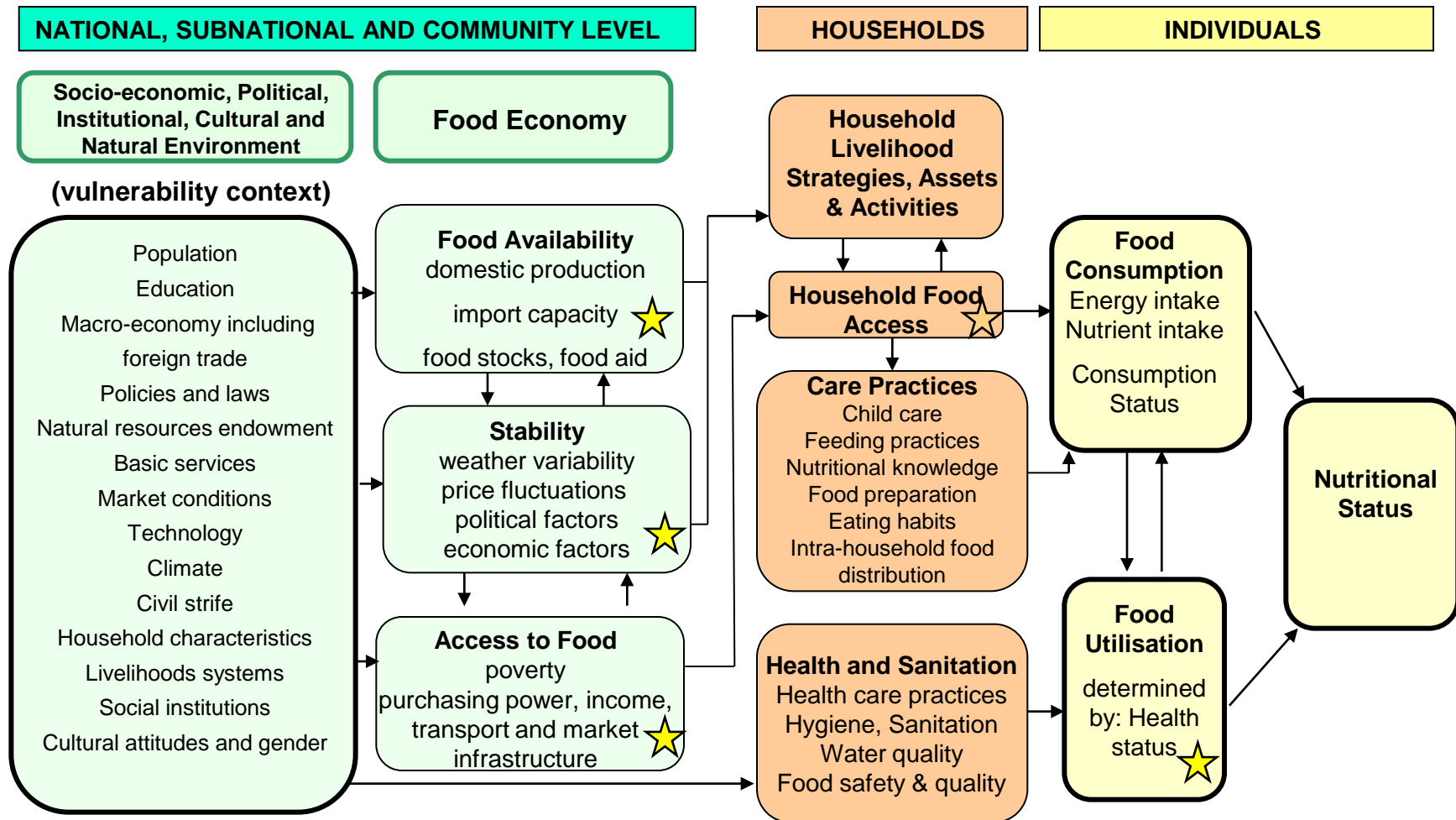
stability

- weather variability
- economic factors
- price fluctuations
- political factors

utilization

- care and feeding
- food safety & quality
- health & sanitation
- clean water

FAO/FIVIMS Framework: linkages between the overall development context, the food economy, households, and individual measures of well-being



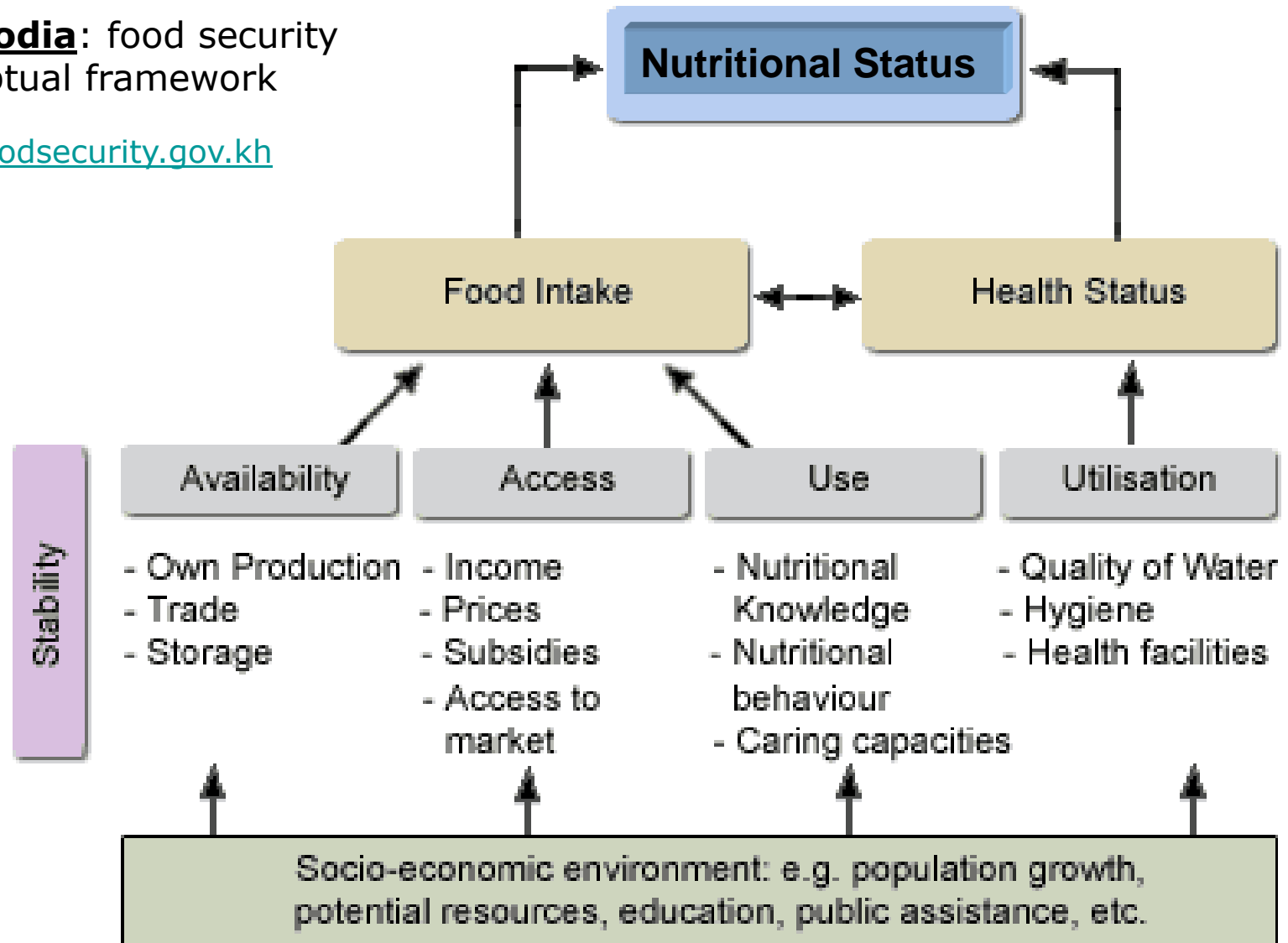
★ = 4 dimensions of food security

Food security and nutrition linkages

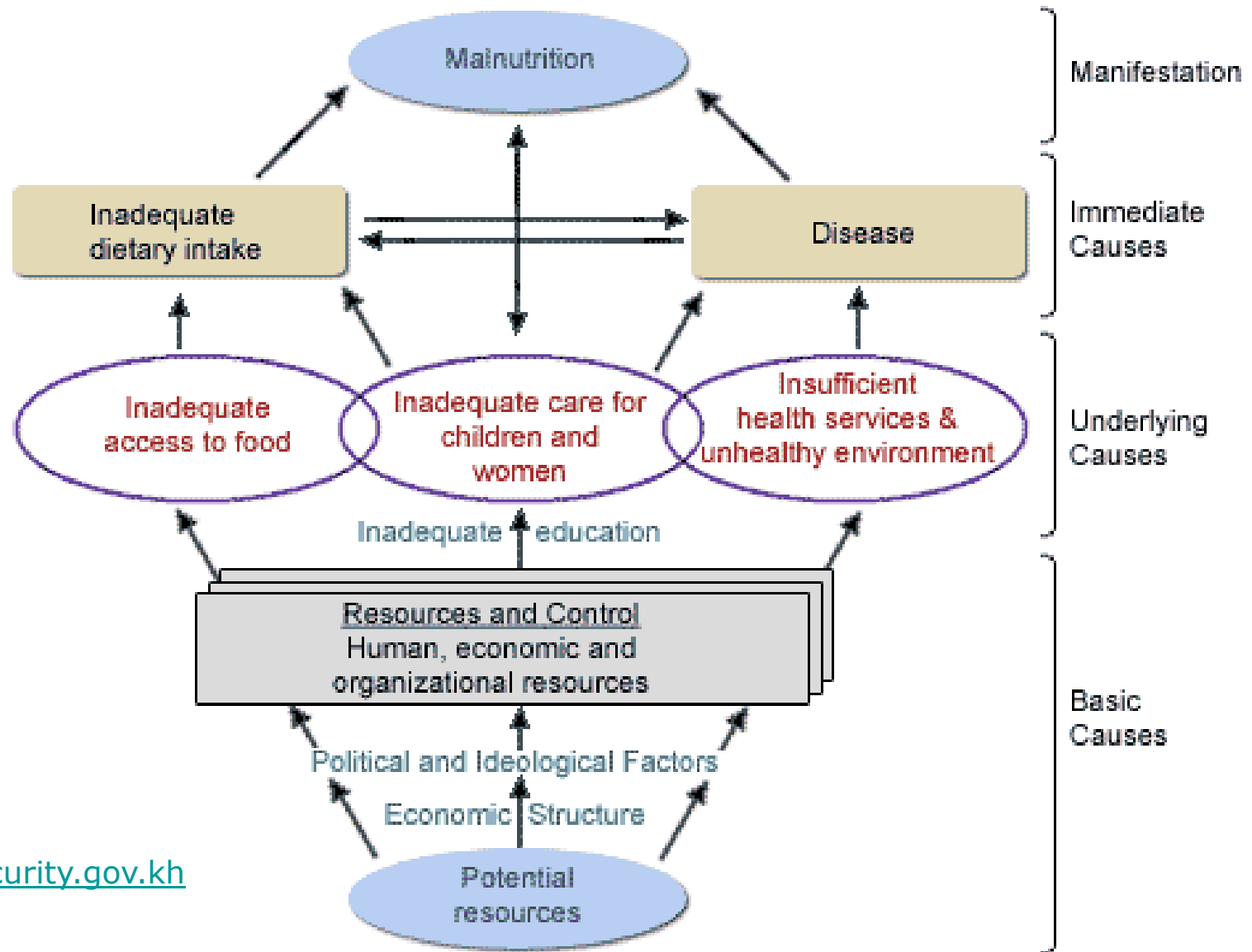


Cambodia: food security conceptual framework

www.foodsecurity.gov.kh



Determinants of malnutrition: UNICEF framework



Source:

www.foodsecurity.gov.kh

Consultation themes and “...assuring food security”



Food security (and good nutrition) is “assured”, when...

- there is increased production of food (*food availability*)
- people have a diverse diet (*physical access to adequate food*)
- people's have purchasing power to ensure proper diet (*economic access*)
- adequate nutrition is ensured (*energy, protein, micro-nutrients*)
- food is safe and nutritious (*adequate utilization*)
- adequate food is available ‘at all times’ (*stability: markets/trade, infrastructure, food during crises and ‘normal’ contexts*)

Summary



- Food security is a broad multi-disciplinary concept concerned with human well-being
- Four “food security dimensions” capture the broad concept (*availability, access, utilisation, stability*)
- Close linkages between adequate food consumption, health and nutritional status (*ref consultation themes*)
- Policies and investment programmes should aim to balance four dimensions of food security for positive outcomes

