



Food and Agriculture
Organization of the
United Nations

Building Back Better: Addressing Food Loss and Waste

Theresa Wong

Natural Resources Officer (Climate Change)

FAO Regional Office for Near East and North Africa



12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



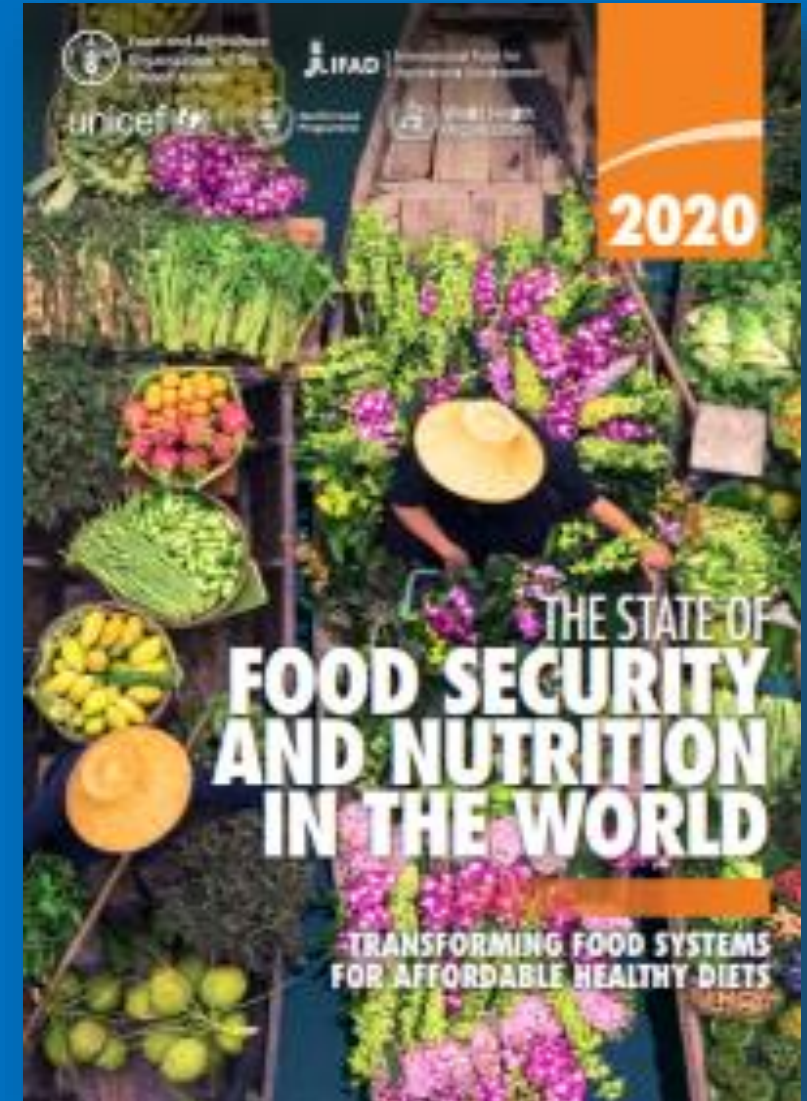
7-8 October 2020, 12.30-15.30 Beirut

FAO COVID-19 RESPONSE AND RECOVERY PLAN AND THE NENA AGENDA

FAO Response and Recovery Plan	Regional priorities for the Near East and North Africa
1. Global Humanitarian Response Plan	<ul style="list-style-type: none"> Humanitarian Response Plan for the NENA Region
2. Data for decision making	<ul style="list-style-type: none"> Data, analysis and policy support
3. Poverty Reduction, Economic Inclusion and Social Protection	<ul style="list-style-type: none"> Social protection and safety nets, targeting farmers and rural poor Promoting rural youth employment and women's economic empowerment
4. Trade and Food Safety Standards	<ul style="list-style-type: none"> Enhancing trade resilience and food safety standards
5. Boosting Smallholders Resilience for Recovery	<ul style="list-style-type: none"> Strategies for building the resilience of agricultural-based livelihoods Digital innovation for smallholder producers Supporting producers' organizations and agricultural services
6. Preventing the next Zoonotic Pandemic	<ul style="list-style-type: none"> Adopting a One Health approach to plant/animal pests and diseases and preventing future zoonotic pandemics
7. Food Systems Transformation	<ul style="list-style-type: none"> Developing competitive and inclusive value chains and agribusiness Building sustainable production systems (water, climate change) Promoting healthier diets during and after the pandemic

THE NEED FOR A FOOD SYSTEMS TRANSFORMATION

- 690 million people are hungry; COVID-19 to add 83-132 million undernourished people (SOFI 2020)
- 300% increase in global food production since mid-1960s
- 14% of food produced is lost (Food Loss Index)
- Multiple co-benefits to tackling food loss and waste: SDGs 2, 13, 14, 15, 8
- Challenge: need better data on how much and where food is lost/wasted



FOOD LOSS AND WASTE

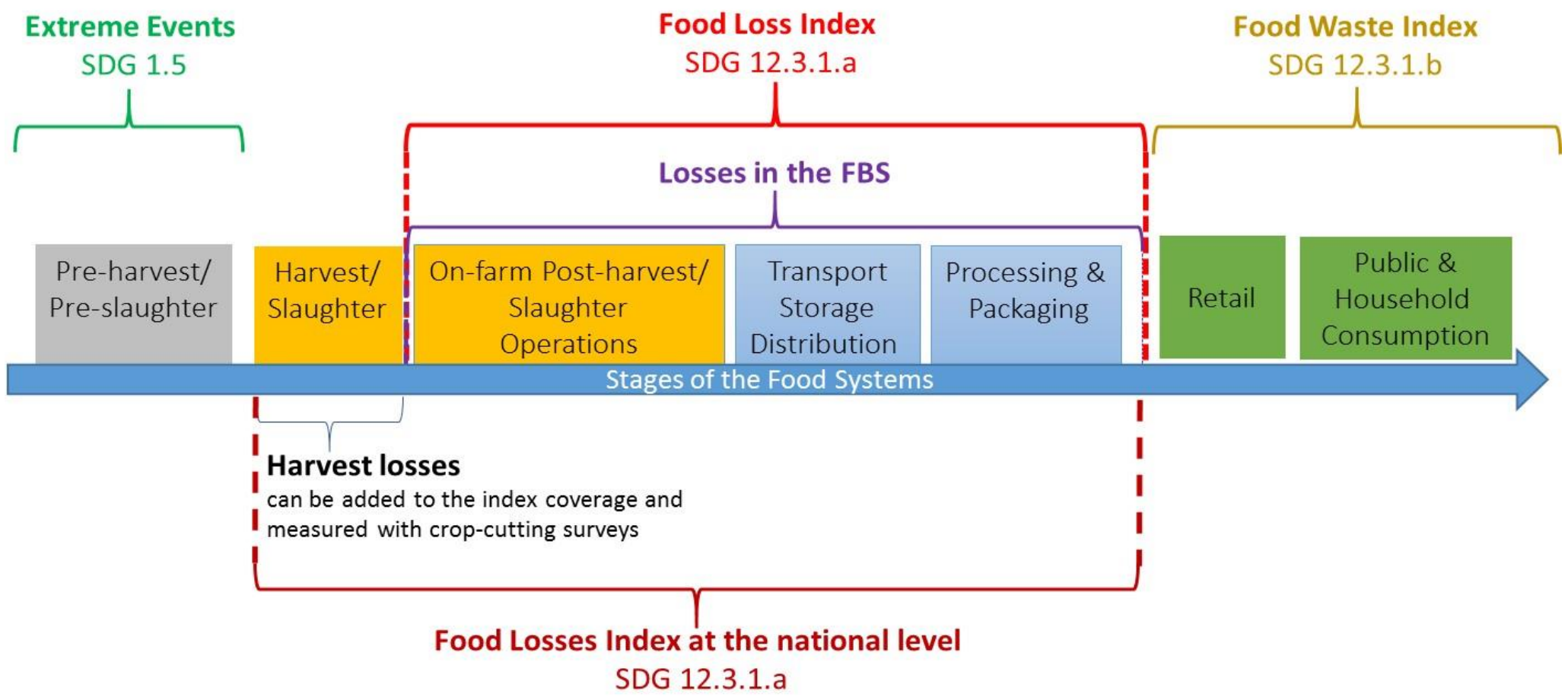
- **Food loss:** decrease in quantity and quality of food resulting from decisions and actions by *food suppliers* in the chain
- **Food waste:** decrease in quantity or quality of food resulting from decisions and actions by *retailers, food services and consumers*
- **Critical loss points**
- **Training:** identify maturity indices, improve timing of harvest, protect crops from weather shocks, pests, insects and diseases.
- **Food Loss Assessments** help to focus data collection and identify relevant questions for impact estimations



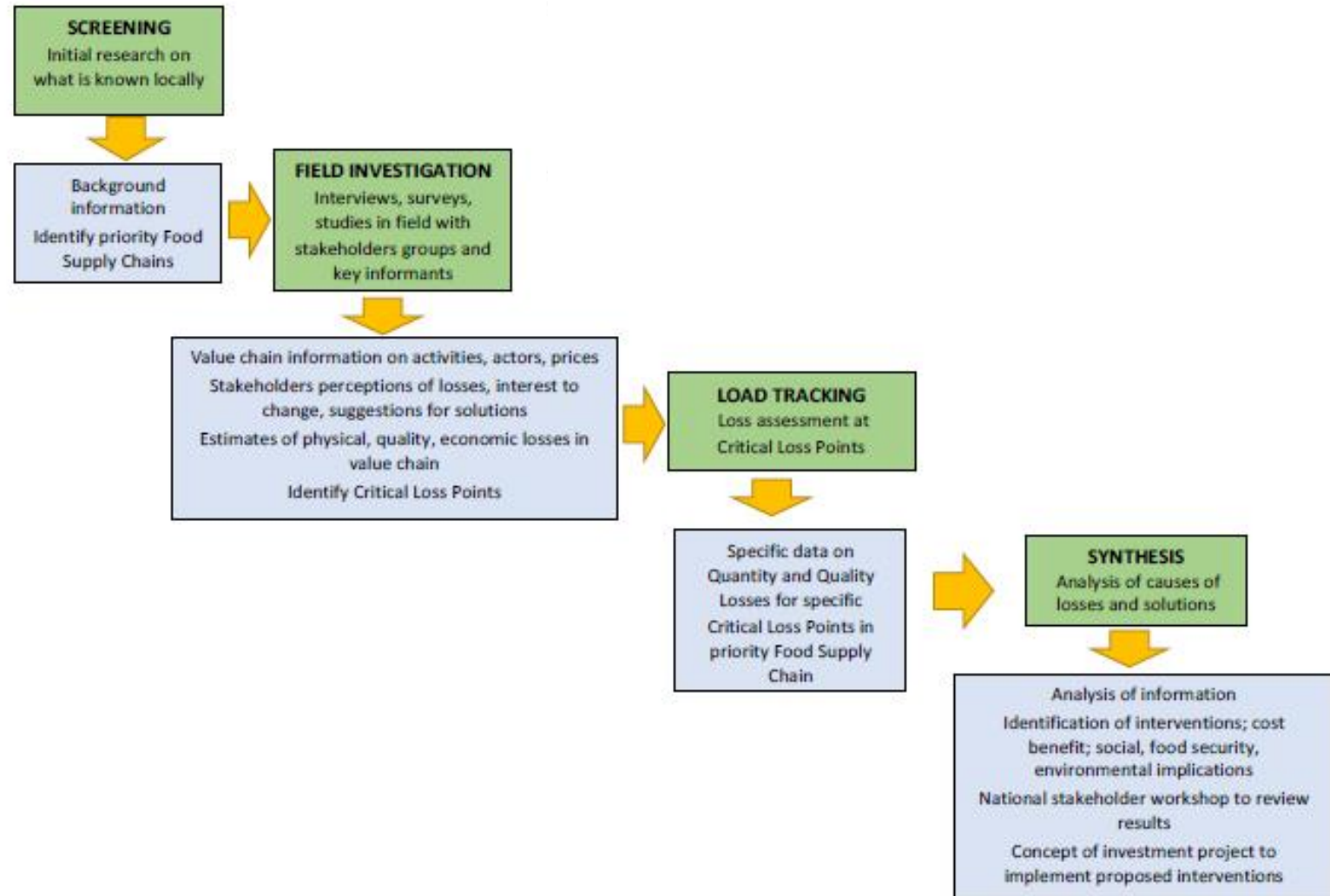
TOOLS AND METHODOLOGIES

- **Food Loss Index:** estimates from post-harvest and up to (not including) retails at the highest possible disaggregated levels
 - Guidelines for data collection for different food groups
- **Food Loss & Waste Database** –across the stages of the food supply chain, regions, commodity groups
- **FAO Case Study Methodology** for Food Loss Analysis in Food Supply Chains (FLA Methodology)
- **Global Initiative on Food Loss and Waste (Save Food)** – 30 country case studies on critical loss points for crops, milk, fish





THE FAO CASE STUDY METHODOLOGY FOR FOOD ANALYSIS



FOOD LOSSES AND WASTE (FL&W) REDUCTION AND VALUE CHAIN DEVELOPMENT FOR FOOD SECURITY IN EGYPT AND TUNISIA

- Value-chain specific understanding needed
 - Decision-making behavior
 - Need for incentives for farmers and firms to address FLW
 - Farmers face trade-offs between cost of reducing losses, and productivity
 - Consumers: cost of food waste vs. time to prepare meals
- Agri-food enterprises in the time of COVID-19:
 - Adapt their business models
 - Respond to changing demands
 - Seize opportunities in e-commerce and digitalization
 - Become more sustainable



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THANK YOU!

For more information:

theresa.wong@fao.org |

<http://www.fao.org/neareast/en/>



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