

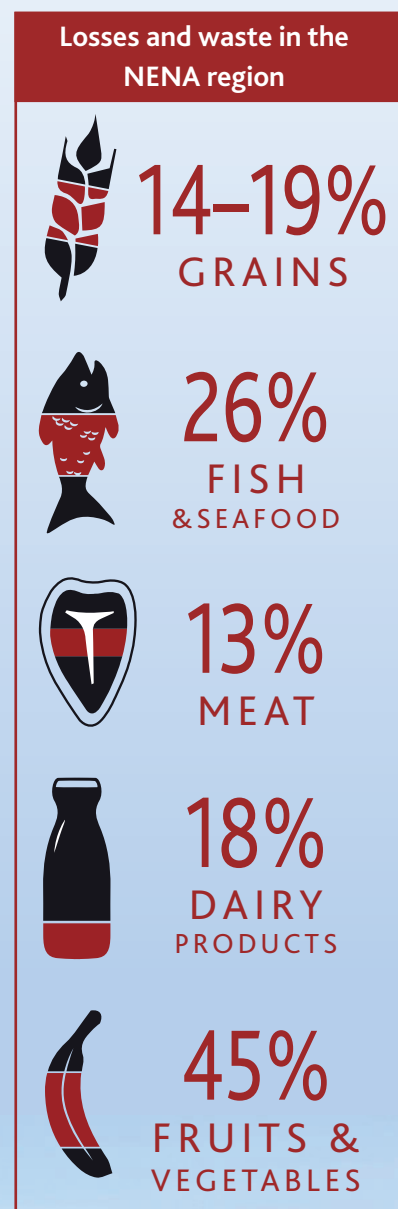
Food losses and waste reduction and value chain development in Egypt and Tunisia



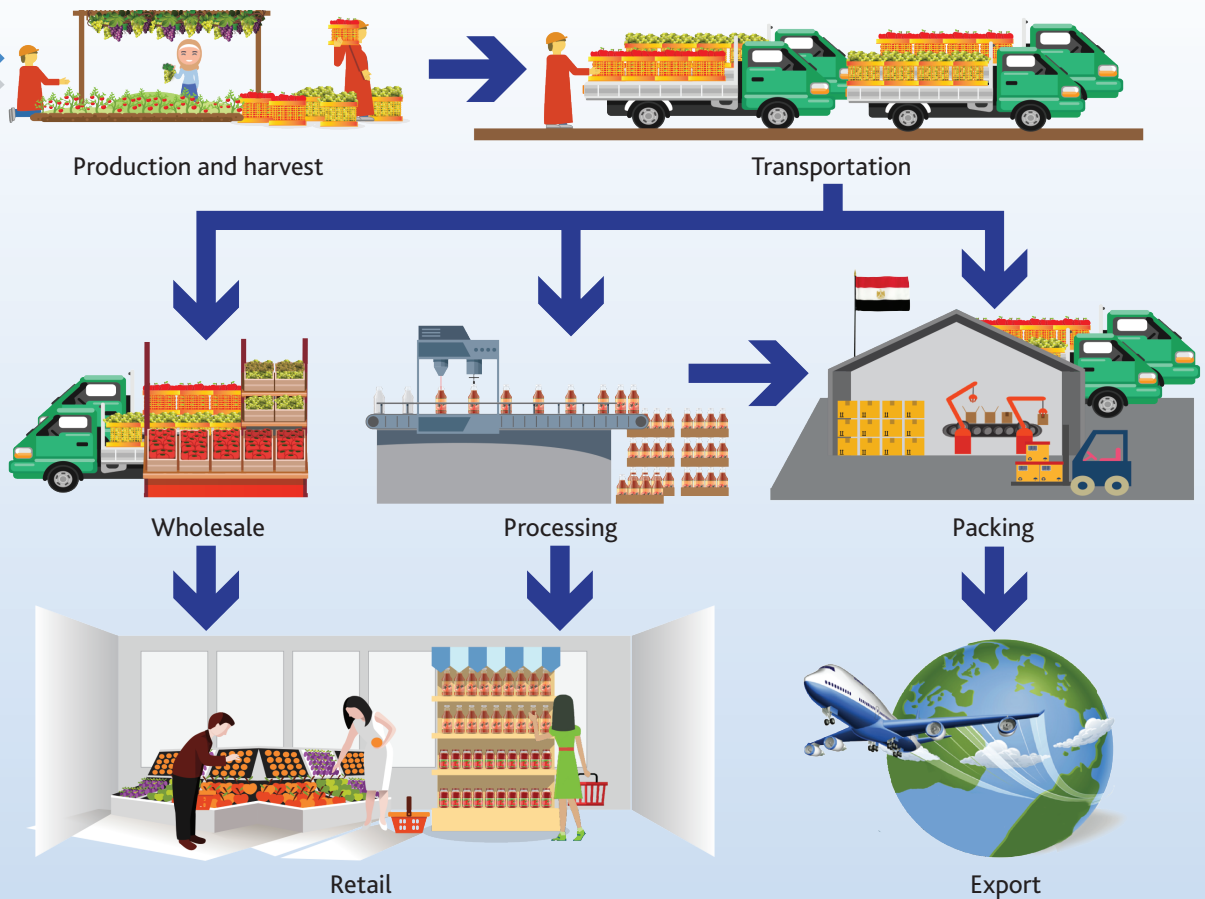
Food loss and waste (FLW) along food value chains in the Near East and North Africa (NENA) are estimated to reach 250kg per person and cost over 60 billion USD annually. The social, economic, and environmental impacts are serious for a region that relies heavily on global food imports, has limited potential to increase food production, and faces scarcity of water and arable land.

Substantial amounts of FLW occur at all stages of the food supply chain, but roughly two-third occurs during production, handling, processing, and distribution of food, whereas one-third occurs at the consumer level.

The project “Food losses and waste reduction and value chain development in Egypt and Tunisia” funded by the Italian Agency for Development Cooperation aims at reducing FLW throughout selected food value chains, focusing primarily on the post-harvest, trading, and processing stages of the chains. Through this approach, food value chains can be better organized, have a reduced environmental footprint, more inclusive of smallholders, better able to generate added value, and provide increased opportunities for rural off-farm and/or agro-industry employment. At the impact-level, this project contributes to strengthening the performance of the agriculture sector in Egypt and Tunisia through food value chain development and more effective marketing of primary and value-added food products, with a reduced environmental footprint.



Egypt



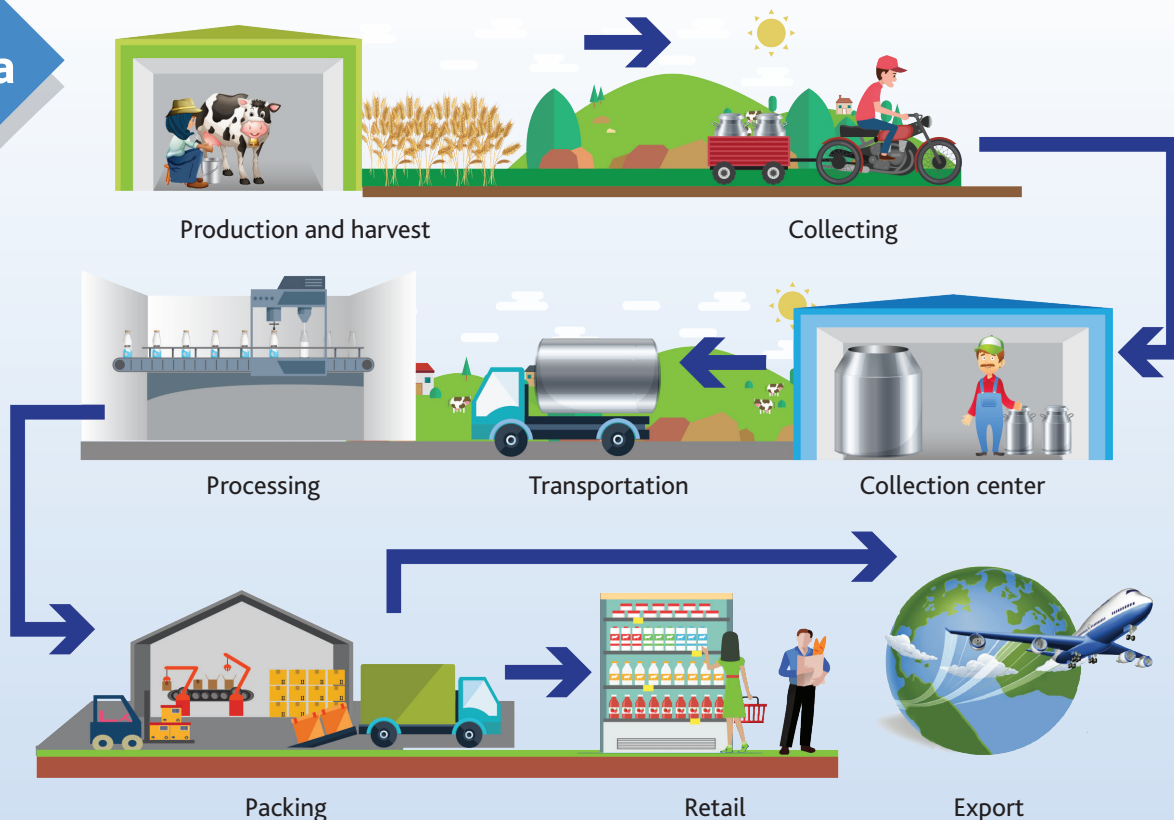
In Egypt, the project is focusing on the tomato and grape value chains originating from the main areas of production with targeted support to postharvest handling, value addition and/or processing, and domestic marketing.

Flagship activities:

- Analysis and assessment of the grapes and tomato value chains on the causes and levels of their losses and waste.
- Creating a national Monitoring & Evaluation Unit for FLW in Egypt.
- Training in post-harvest handling for value chain actors.
- Introducing value-addition activities through drying tomatoes and grapes, and providing a package of technical, marketing, and business support to beneficiary associations.
- Facilitating market linkages with a focus on information flows, access to knowledge and training, and vertical linkages among small-scale farmers, traders, transporters, and buyers.
- Leading awareness campaigns on the levels and impacts of losses, and help generate demand for better quality products.
- Studying impact and opportunities for reuse and recycling of grape and tomato waste.



Tunisia



In Tunisia, the project is focusing on the dairy and grain sectors, specifically the milk and cereal value chains, focusing on the main areas of production with targeted support to post-harvest, high quality processing and domestic marketing.

Flagship activities:

- Analysis and assessment of the milk value chain on all levels and causes of milk loss and waste.
- Analysis and assessment of the cereal value chain on all levels and causes of cereal loss and waste.
- Establishment of national work plans for reducing milk and cereal losses and waste.
- Development of a Monitoring & Evaluation system for food losses and waste for the selected value chains.
- Infield trainings related to innovative technologies, and good practices for value chain actors.
- Supporting the implementation of information system /platform to better organize dairy and grain value chain (small scale farmers, collectors, collection centers and processing).
- Lead awareness campaigns on the levels and impacts of losses and waste, and help generate demand for better quality products targeting both the stakeholders and consumers.



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Extension worker monitoring crop growth of wheat field in Tunisia.
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