



Innovative Education towards
Sustainable Food Systems



From farm to fork: Food value chain analysis

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Intended learning outcome

After this lecture, students should be able to:

- Understand the overall meaning of Food Value Chains
- Describe the different flows present in all chains
- Discuss how sustainability can improve the performance and efficiency of food value chains

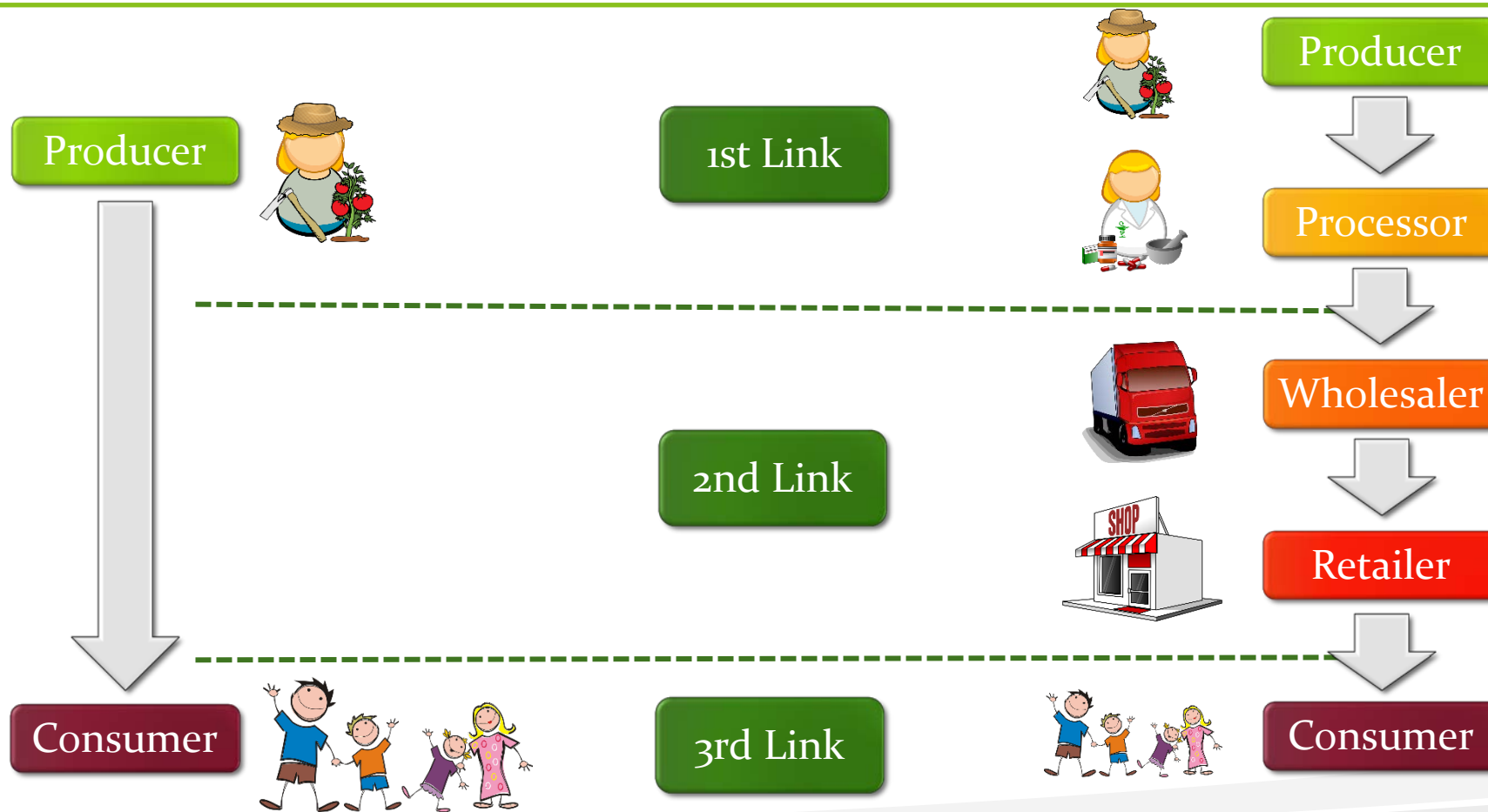
Introduction to the food Value Chain

- Food Value Chain is the new scenario of innovation and research
- Urbanization has had a rapid growth and it has extended to the Food Value Chain -> sustainability is a crucial issue
- While technology has been increasing in food sector socioeconomic and management research is behind
- Globalization process need instruments to compare international experiences



Photo: Teresa Briz

Food Value Chain



Characteristics of the Food Chain

- A supply chain is a network of activity and facilities
- Facilities include inventory:
 - Raw materials
 - Work in process
 - Finished goods
- Its aim is to create value
- This value has to be adequately shared among the different links
- Its management needs a planning
- Several basic flows

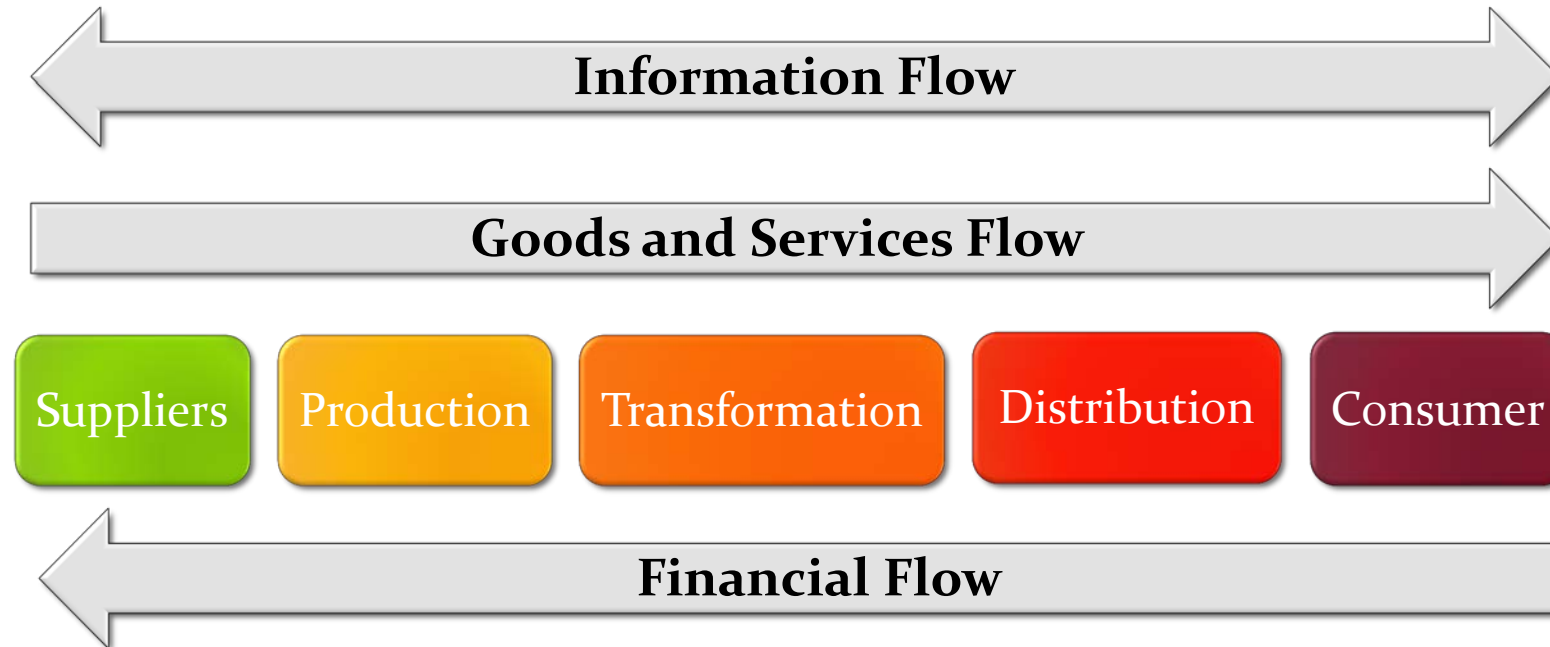


Photos: Teresa Briz





Value Chain scheme



Characteristics of the Food Chain

- It needs to be considered:
 - Who / which are the links
 - Components of each process
 - Key indicators of the correct functioning
 - Knowledge of the demand
- Complex relationships between links in the supply chain
- Importance of information:
 - Influence producers and consumers
 - May replace inventory
- The longer the chain, the harder for information flows



Photos: Teresa Briz



Thank you



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