

# Breaking the Food Supply Chain



What can break the food supply chain at the farmer?

## Weather

A late and severe frost damages over 90% of the peach blossoms in a fruit orchard. The peach harvest that fall is extremely small.

## Markets

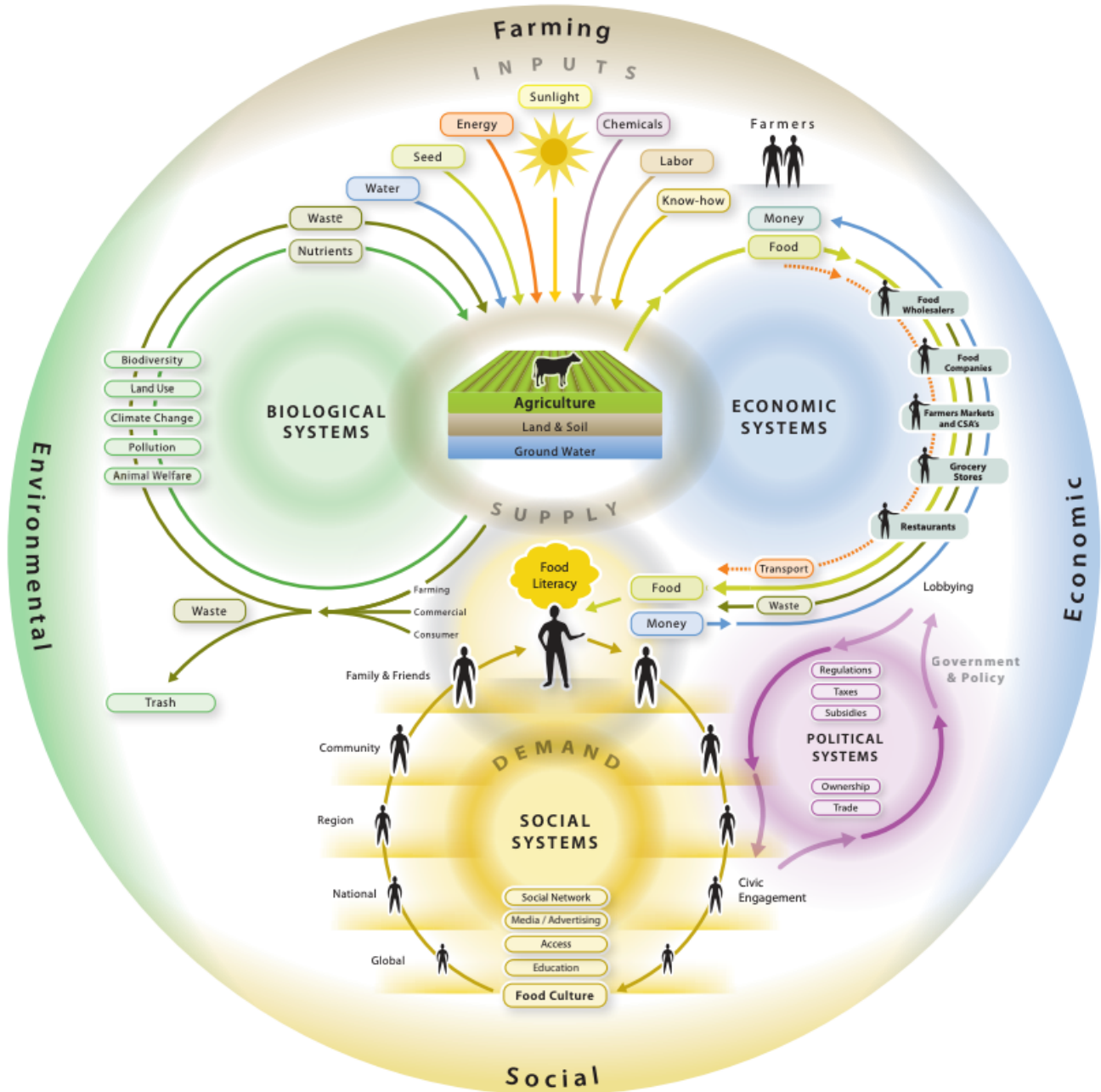
The state where a meat processing plant is housed implements a law that they cannot process pork from pigs raised in confined housing. A conventional pork producer loses their market for pigs.

## Animal Housing Regulations

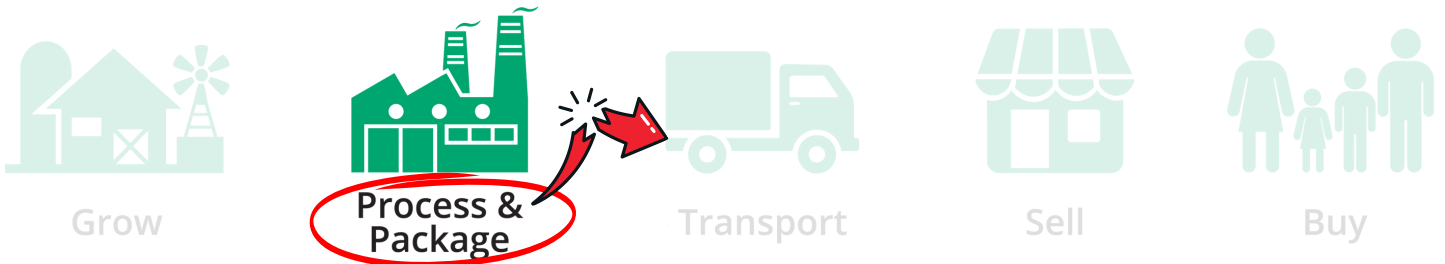
A state begins regulating housing styles at egg farms. In their state, egg producers can only use cage-free or free-range housing. Without implementation of new regulations, the supply chain would break at the farmer due to new government regulations.

# The Food System

What's your role?



# Breaking the Food Supply Chain



What can break the food supply chain at the stage of processing and packaging?

## Labor

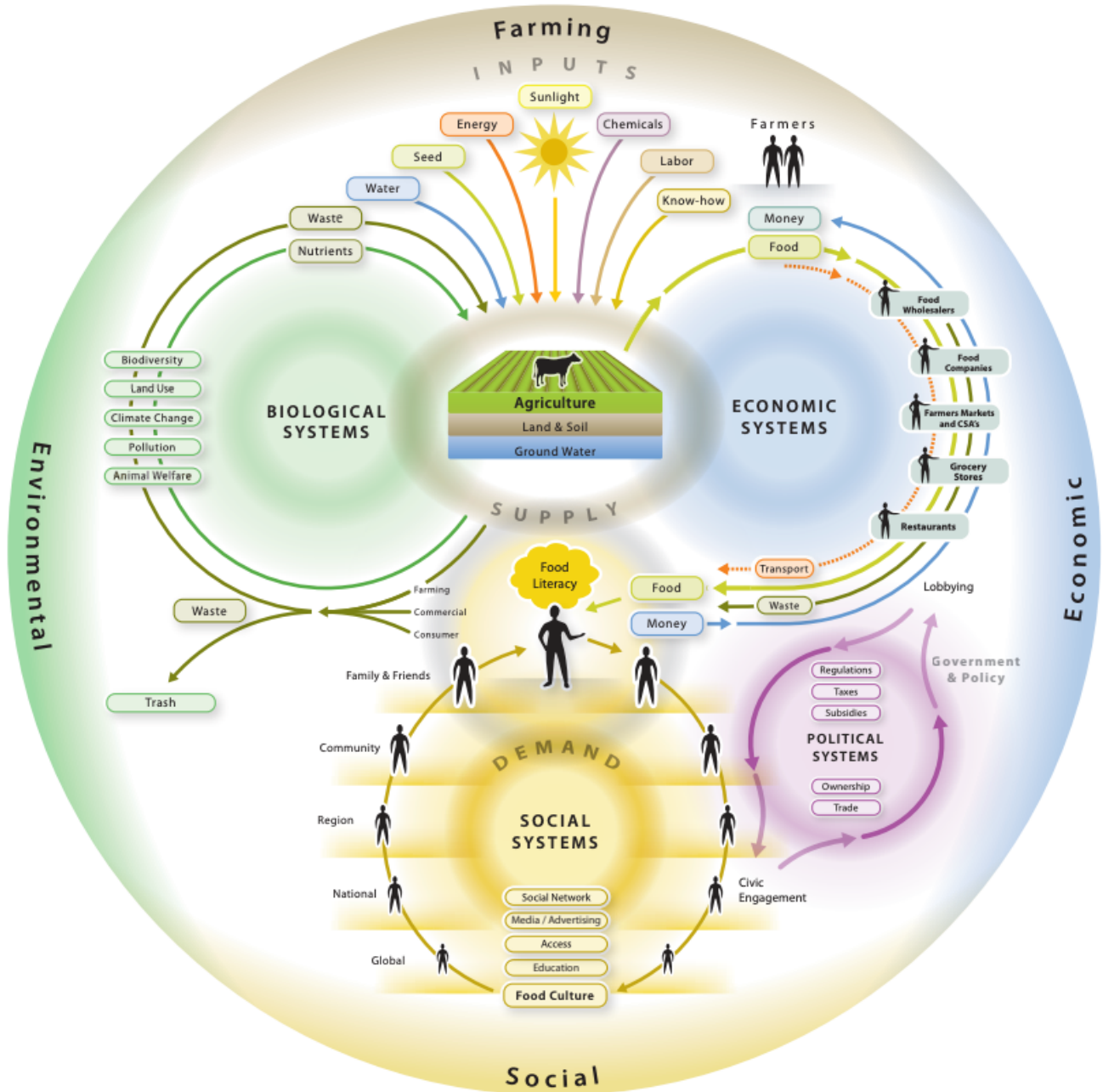
A processing plant cannot maintain a labor force to run their production equipment due to the outbreak of an illness. The plant is forced to close down operations.

## Value Chain

A dairy processing plant that makes cheese relies on an enzyme called Rennet or Chymosin. The supplier they purchase from can no longer source the enzyme and the processing plant can't make cheese.

# The Food System

What's your role?



# Breaking the Food Supply Chain



What can break the food supply chain at transportation?

## Weather

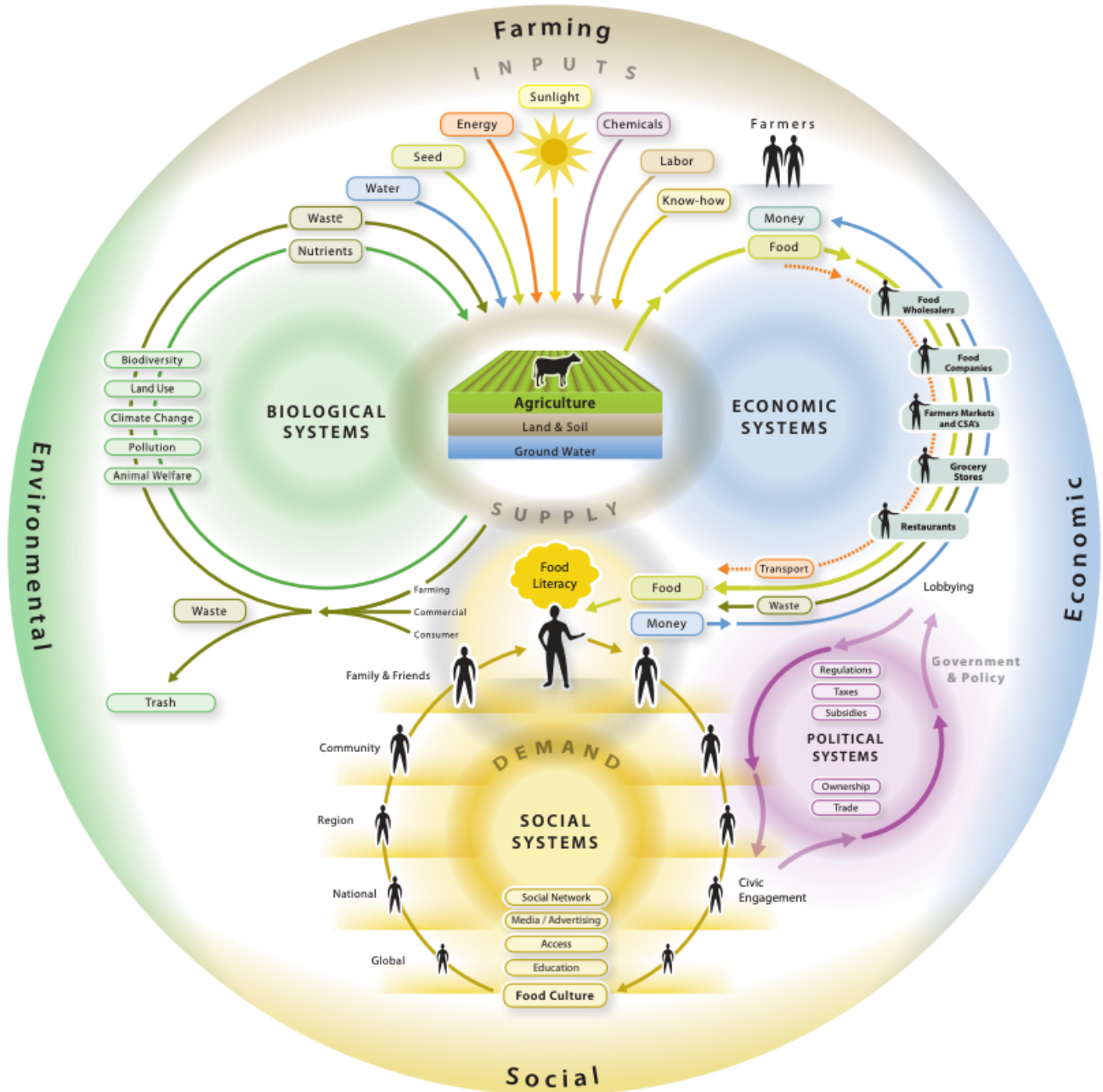
A severe winter storm closes roads on major highways and prevents the transportation of food products.

## Trade Agreements

The government increases tariffs on imported culinary spices. Suppliers cannot pay tariffs and still earn a profit, so they take their products to other markets.

# The Food System

What's your role?



# Breaking the Food Supply Chain



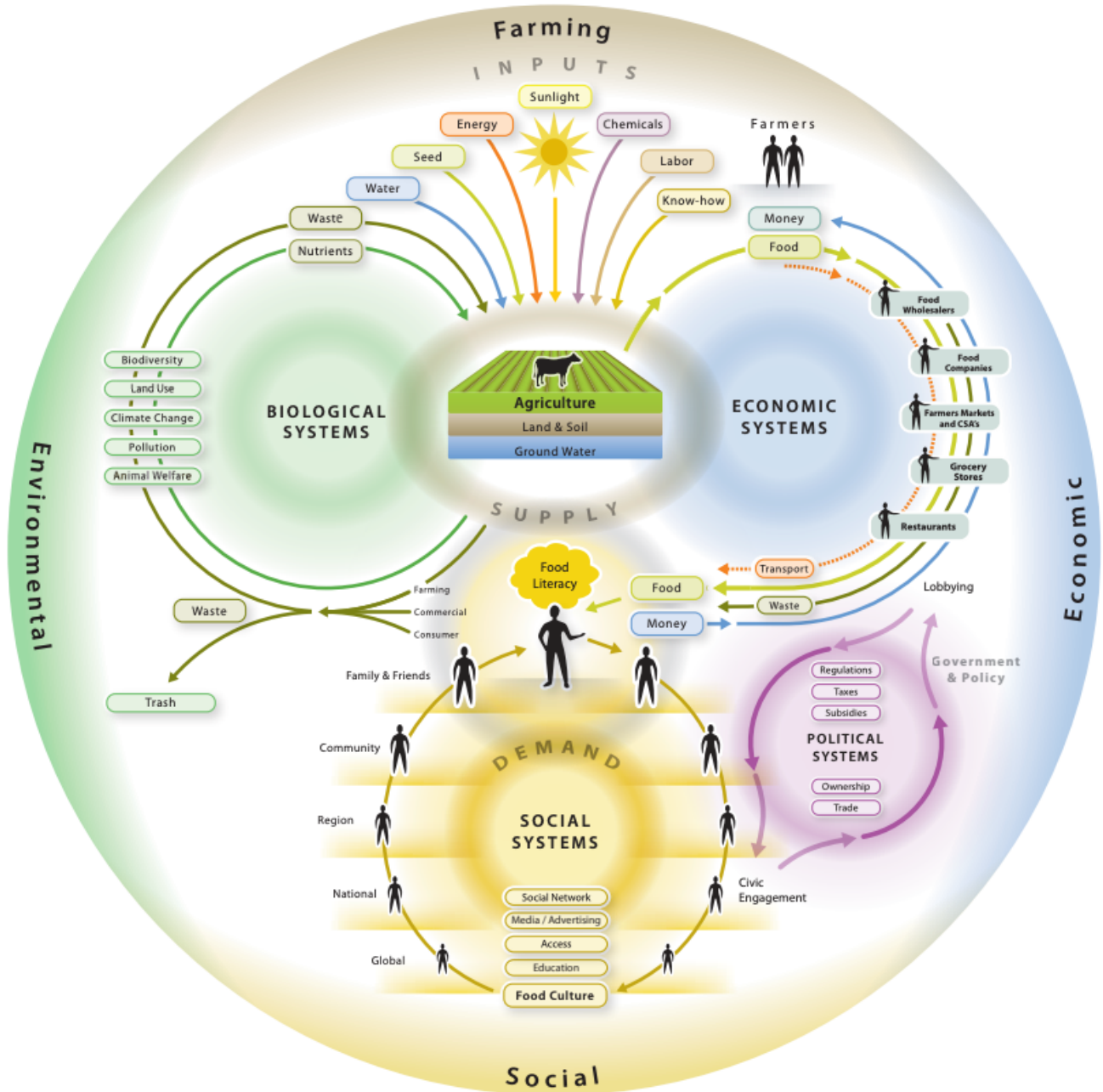
What can break the food supply chain at the stage of selling goods?

## Advertising Media

A specific grocery retailer promotes the health and safety of organic foods, leading to a higher demand for organic-labeled products and a lower demand for conventionally produced foods.

# The Food System

What's your role?





# Breaking the Food Supply Chain



Grow



Process & Package



Transport



Sell



Buy

What can break the food supply chain at the stage of purchasing goods?

## Allergies

A rise in severe and life-threatening peanut allergies diminishes demand for peanuts and peanut products.

# The Food System

What's your role?

