

European shrimps' market and Food safety regulations

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- World Market of shrimps
 - World stakes of fishery products
 - World shrimps' market
 - European shrimps' market
 - Belgian shrimps' market
- Food quality, safety problems and their effects on trade
 - European food safety law
 - Objectives
 - Institutional aspects
 - The general food law
 - The Belgian Food Safety Authority : FASFC
 - European import conditions
 - Principles
 - Specific conditions for seafood

World market of shrimps



World Market of Shrimps

World stakes of fishery products

World shrimps' Market

European shrimps' Market

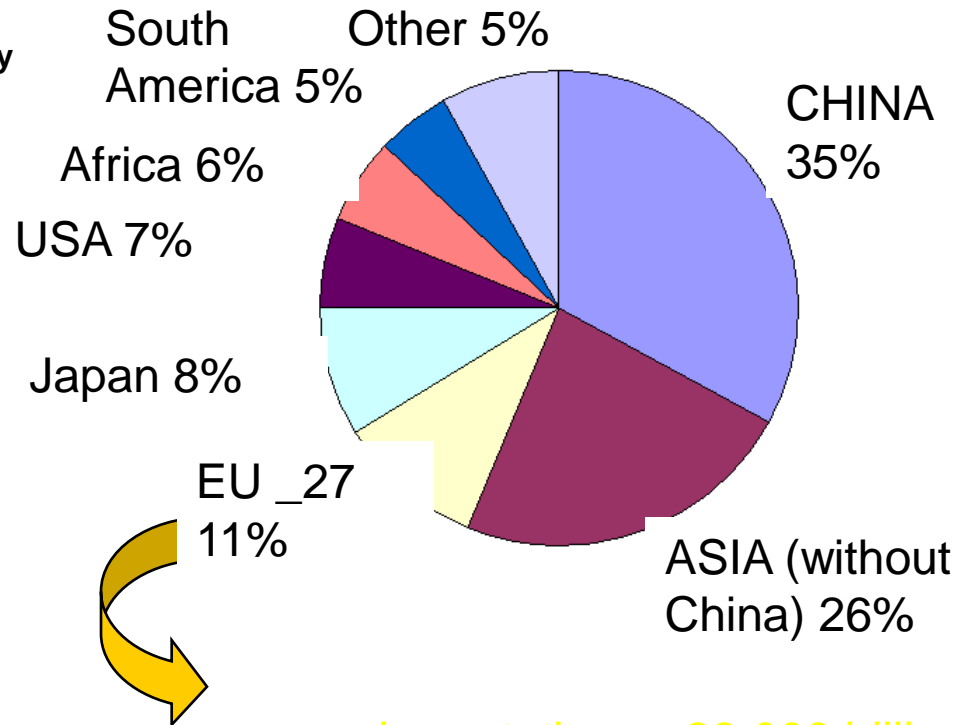
Belgian shrimps' Market

Food quality, safety problems, effects on trade

World stakes of fishery products

European Union (27) = the world's biggest importer of fish, seafood and aquaculture products

Distribution of global consumption of fishery products in 2005 :



Importation = 33 000 billions US\$

World Market of Shrimps

World stakes of fishery products

World shrimps' Market

European shrimps' Market

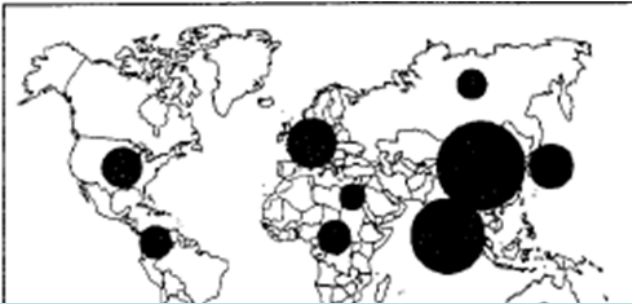
Belgian shrimps' Market

Food quality, safety problems, effects on trade

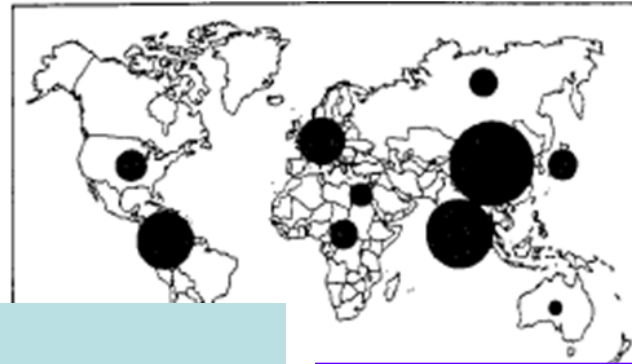
World stakes of fishery products

European Union (27) = the world's biggest importer of fish, seafood and aquaculture products

Fischeries consumption



Fischeries production



Tot Prod (2005): 141 403 138

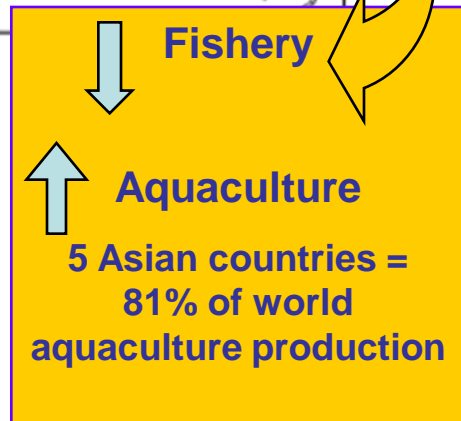
Fishery; 93 149 792

Aquaculture: 48 149 792

China 32 414 084 ; India 2 837 551

Vietnam 1 437 300 ;

Indonesia 1 197 109; Thai 1 144 011

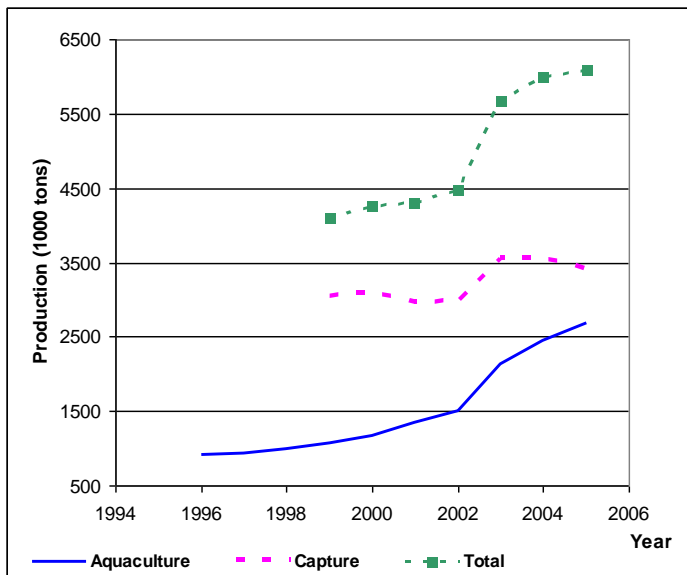




World Shrimps' Market

Shrimps = the most valuable world fishery products

	International exports of Shrimps and prawns			Share in total exports (%)		
	1985	1995	2005	1985	1995	2005
World exports (tons)	825 529	1 453 106	2 933 251	2,9	3,2	5,12
US \$1000	10 432 239	10 432 239	12 720 595	19,24	20,12	16,23
US\$/kg	4,01	7,18	4,34			

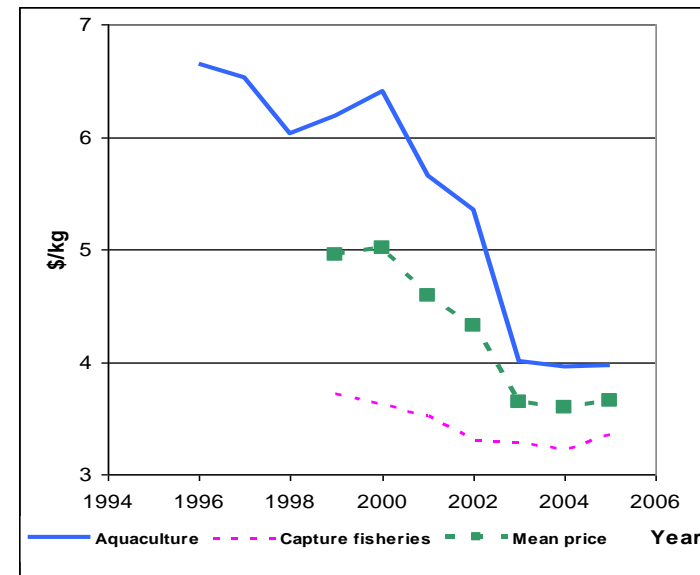


Evolution of production

⇒ Production ↗

⇒ Prices ↘

Demand ↗:
particularly in
EU: high value
of euro vs \$

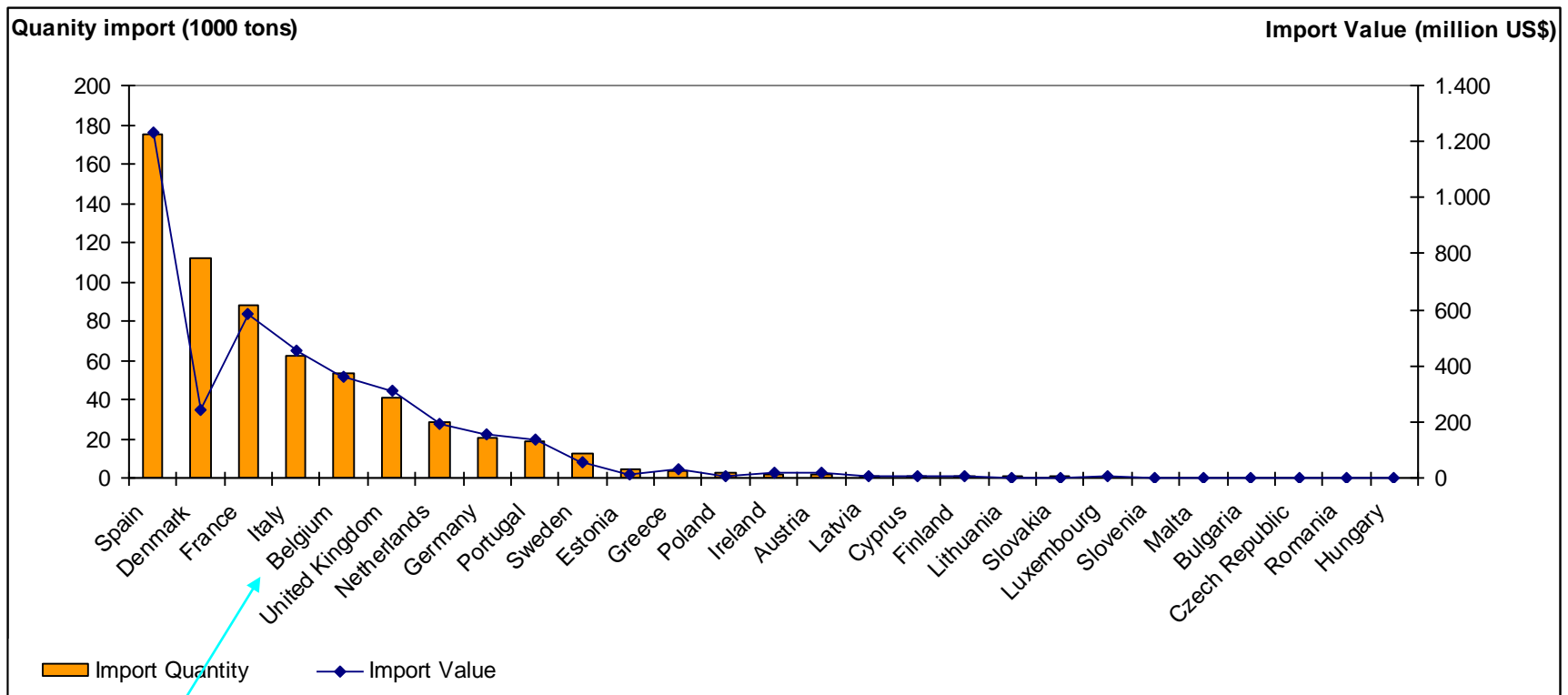


Evolution of world market's prices

European shrimps' Market

European shrimps imports in 2006 =

- 600 thousands tons
- 3500 billions US\$



Belgium : 5th European importer

World Market of Shrimps

World stakes of fishery products

World shrimps' Market

European shrimps' Market

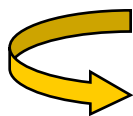
Belgian shrimps' Market

Food quality, safety problems, effects on trade



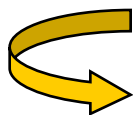
Belgian shrimps' Market

- Belgian Import Quantity (2006) : 53 000 thousands tons
- Belgian import Value : 360 millions US\$



The 5th European Importer

- Belgian Export Quantity : 40 000 thousands tons (= national production + reexportation)
- Belgian Export Value : 290 millions US\$



The 2nd European Exporter

Food quality, safety problems and their effects on trade



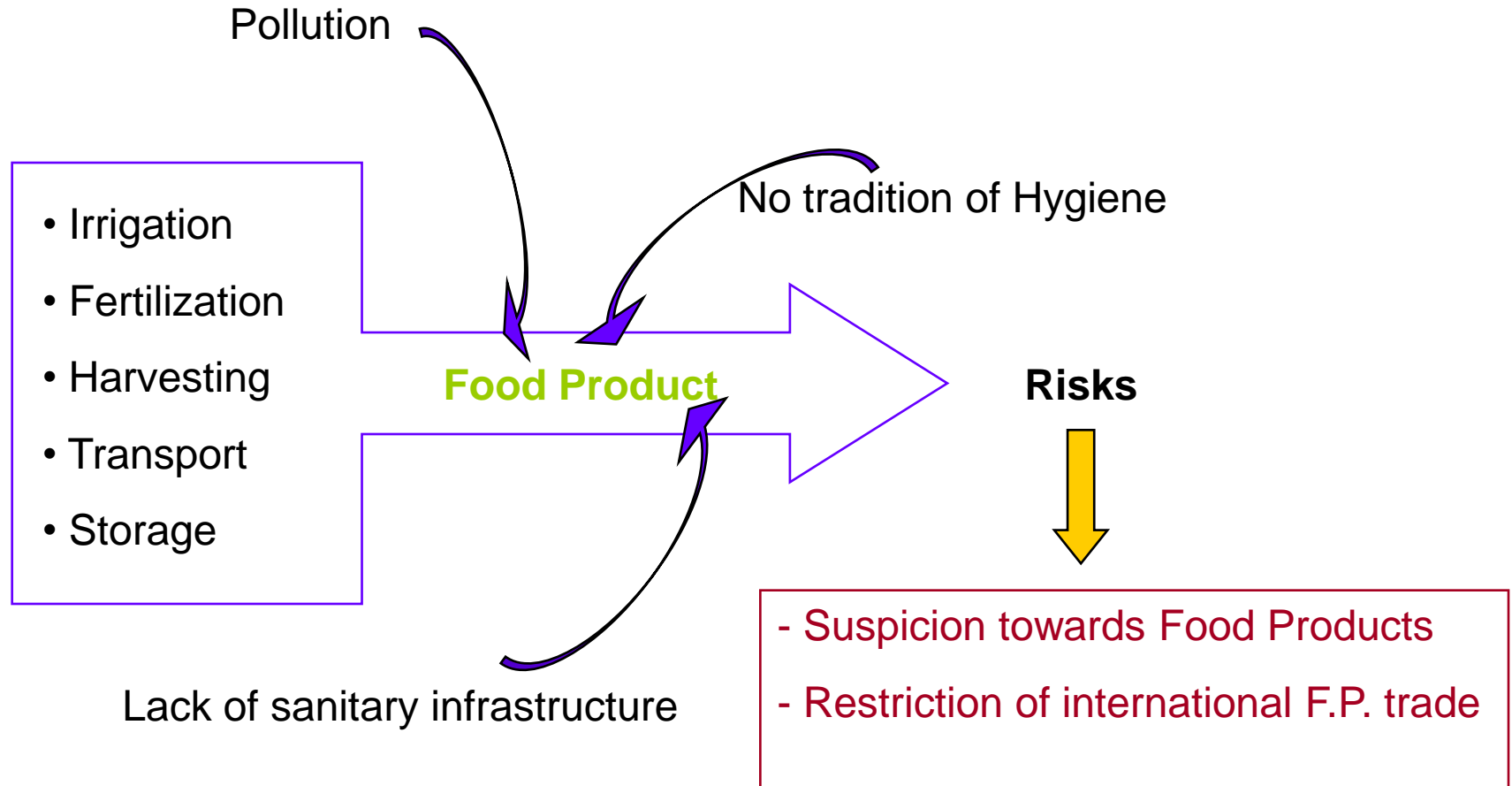
Food quality, safety
problems, effects
on trade

World Market of
Shrimps

European food
safety law

European import
conditions

Food quality, safety problems and their effects on trade



Reinforcement of the control of food safety at all stages of the production chain in each country

Food Safety Law in the European Union :

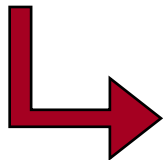
Objectives : **Consumer's protection.**

Food Safety :

state where food contains no hazard that may harm the health of the consumers in a short-term or a long-term perspective

• Science :
→ chemistry, biology, agronomy, medicine, veterinary medicine, ...

• Policy
→ legislation, crisis management plan, predictive measures, ...

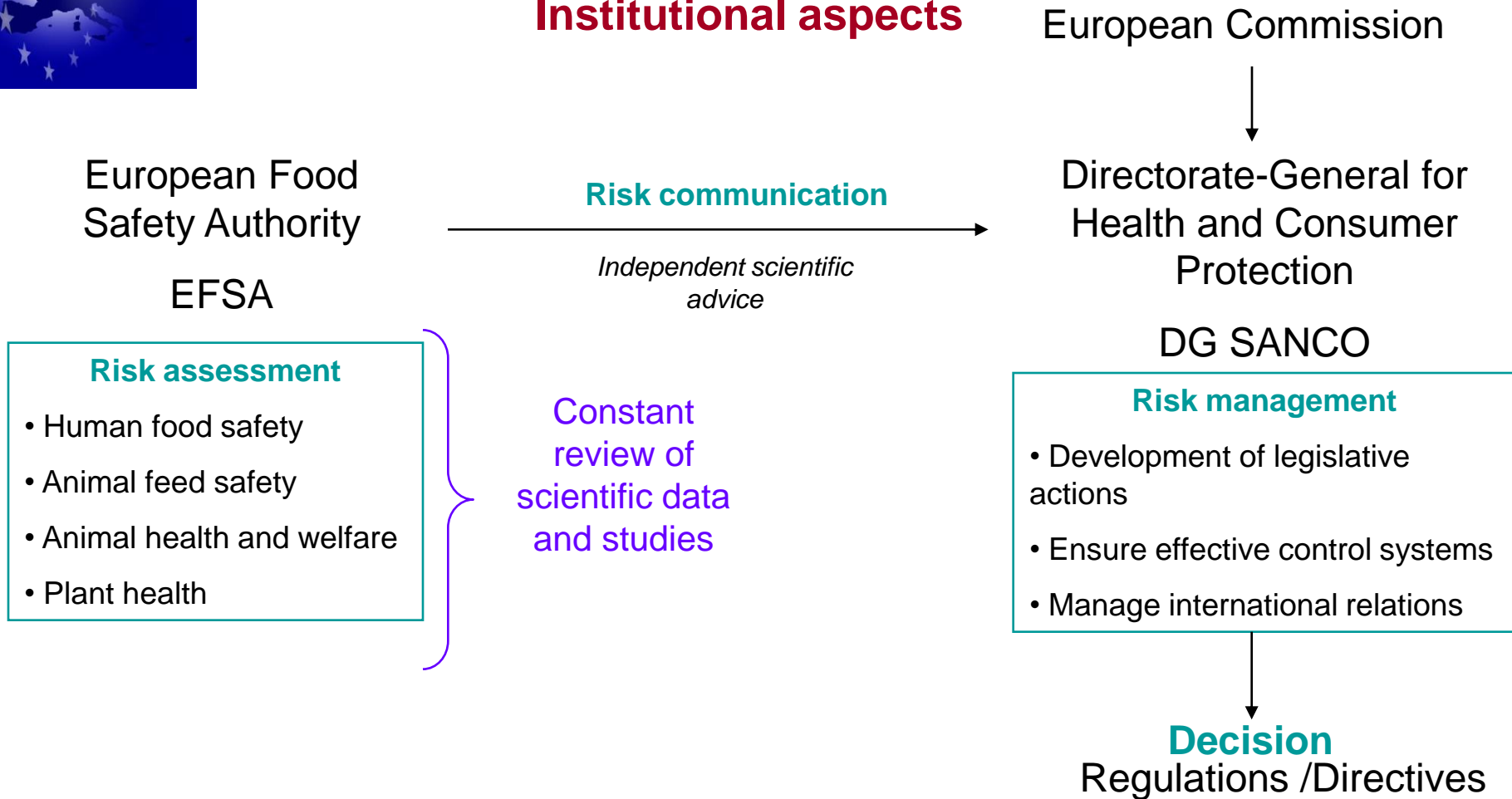


Top priority of the European Commission

Food Safety Law in the European Union :



Institutional aspects



Science -----> Policy

Food quality, safety problems, effects on trade

European food safety law

Institutional aspects

The General Food Law

FASFC

European import conditions

Food Safety Law in the European Union :

The General Food Law

Assurance of a high level of protection of human health

From Farm to Fork !

= From source to consumer

Consideration of **all stages** of the **food** and the **animal feed** production chain



production



transformation



distribution



consumption



New emphasis on
Animal feed!!!

= Consequence of
the Mad Cow Disease

Responsibilities are **common to all stages** of production and distribution !

+ Hygiene during transport !



Food Safety Law in the European Union :

The General Food law :

General principles :

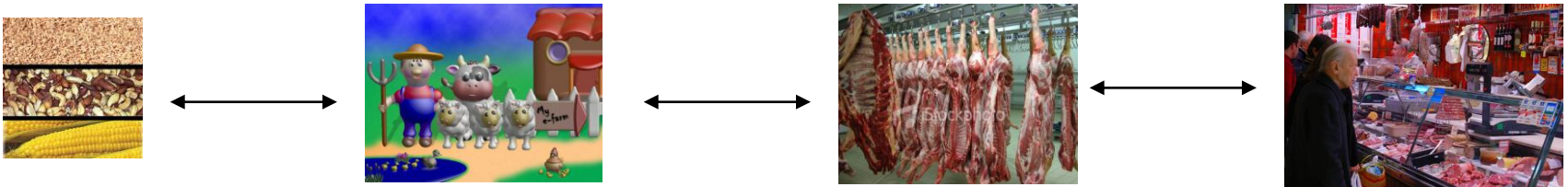
- **Traceability**
- **Regulation**
- **Precautionary principle**
- **Rapid Alert System**
- ...

Food Safety Law in the European Union :

The General Food law :

General principles : Traceability

An original European Food Handling system



Constraints on every food business operator :

Identify their sources and customers

→ **Records** of where their food material originated and where it went

One step up and one step down the food chain

→ **Identification methods and labelling** of food or feed

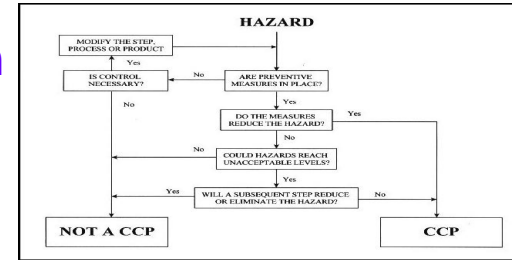
Food Safety Law in the European Union :

The General Food law :

General principles : Regulation System

Food Operator

Adoption of measures that guarantee food safety



Washing

- Disinfecting
- Peeling
- Cooking

Good food handling practice

- Compliance with microbiological criteria
- Compliance with temperature controls



Maintenance of the cold chain

National food Safety Authority

Official audits and inspections of the food operators

Sampling & analysis

Cold Chain verification

Effectiveness of the procedures

European Commission Food Authority : DG SANCO

Verification of the effectiveness and the control capacity of the State Members' Food Authority

Food quality, safety problems, effects on trade

European food safety law

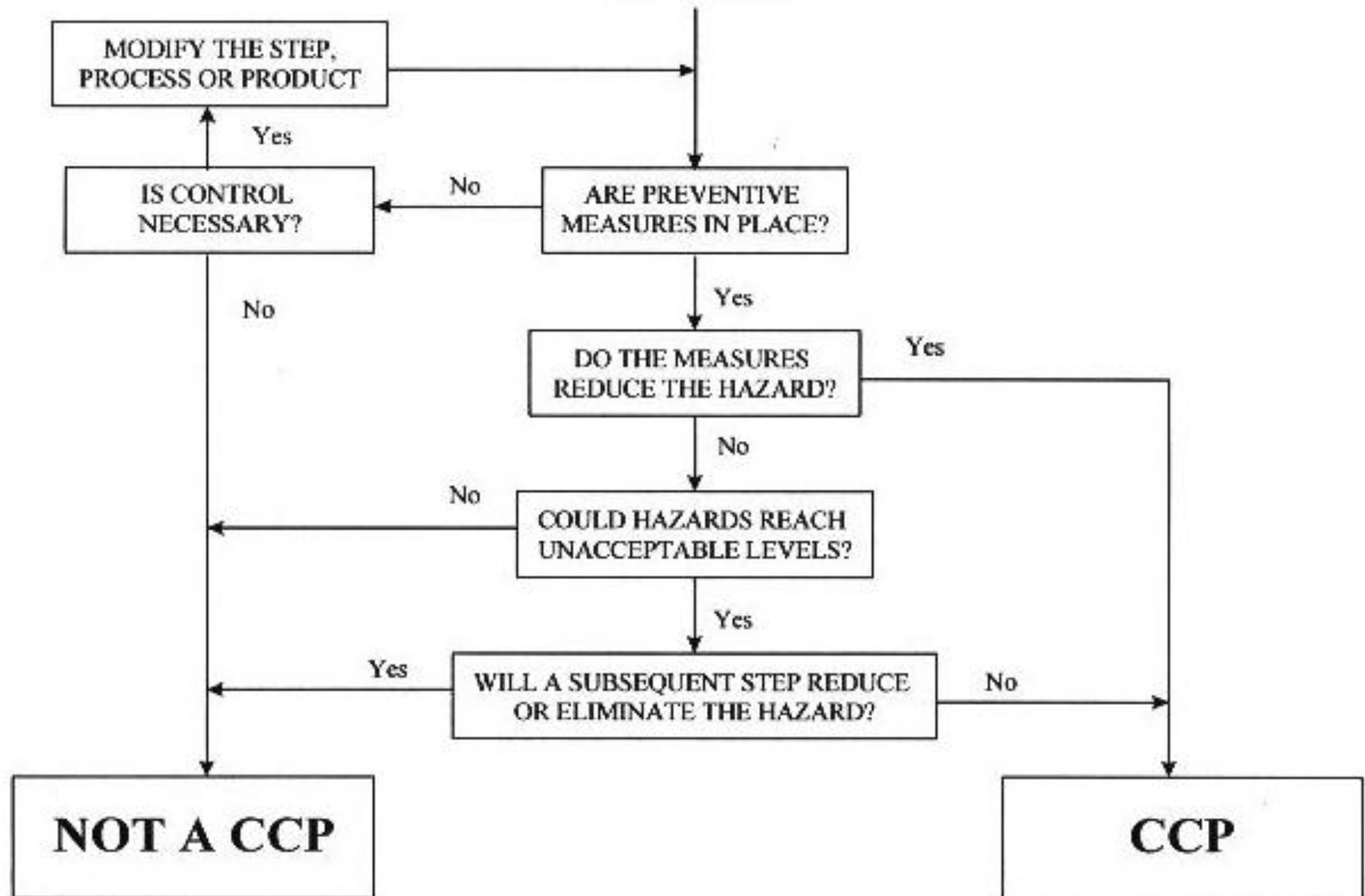
Institutional aspects

The General Food Law

FASFC

European import conditions

HAZARD





Food Safety Law in the European Union :

The General Food law :

General principles : Precautionary principle

Used when the possibility of harmful effects on health is identified but scientific uncertainty persists



→ Adoption of health protection measures

Proportional

to the desired level of protection

Non-discriminator

comparable situations should not be treated differently

Cost-effective

The costs of action must be greater than the costs of non-action

Temporary

Review within a reasonable period of time

Link to

Measures

- Public information about adverse effects
- Funding new research programs
- Use interdiction of certain products or practices
- Sale interdiction of certain foodstuff

- *the nature of the risk*
- *the development of scientific knowledge*
 - Clarification of the scientific uncertainty
 - Review of the risk assesment

GM's Irradiation of meat Beef spinal cord Veterinary drugs Pesticides

Food quality, safety problems, effects on trade

European food safety law

institutional aspects

The General Food Law

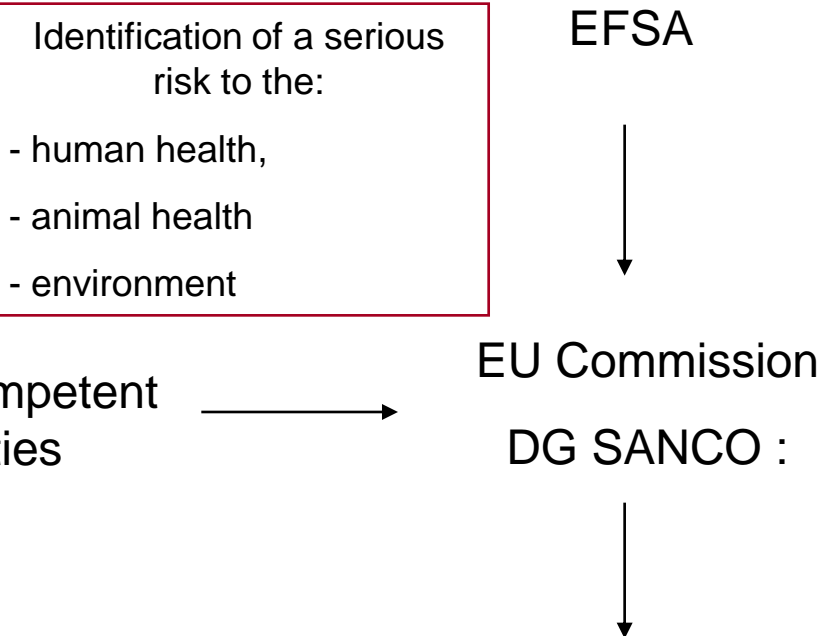
FASFC

European import conditions

Food Safety Law in the European Union :

The General Food law :

General principles : The Rapid Alert System



Estimates that such a risk cannot be satisfactorily contained by measures taken by the Member States

Emergency measures :

- Suspension of a feed or food from the market
- Interim measures restricting the products marketing or use

} Special Powers of the Commission



Food Safety Law in the European Union :

The General Food law :

General principles : *And also ...*

- Respect of animal welfare and environment
- Contribution to a fair trade
- Protection consumer's interests

Prevention of :

- fraudulent practices
- adulteration of food
- any practices which may mislead the consumer

• ...



The Belgian food safety Authority : FASFC

Federal Agency for the Safety of the Food Chain

Risk based surveillance

Controls, analyses and inspections

of Foodstuffs and their raw material



*inspections, checks and audits
of Food operators*

At all stages of the food chain

- production
- storage,
- transport
- trade
- import
- export

+ *identification and registration of animals*
+ *traceability of products*

Definition of operational regulations

Establishment of standard for operators

In accordance with the General Food Law



L'Agence alimentaire

Under the supervision of the FVO

Food and Veterinary Office,
Control body of the European Commission (DG SANCO)



European import conditions

Principles

*Obligation for the imported products to **fulfil the same high standards** as products from the UE Member States*

EU = the world's largest importer of food

Importations from over 200 countries

Harmonization of import rules in all EU countries



European import conditions

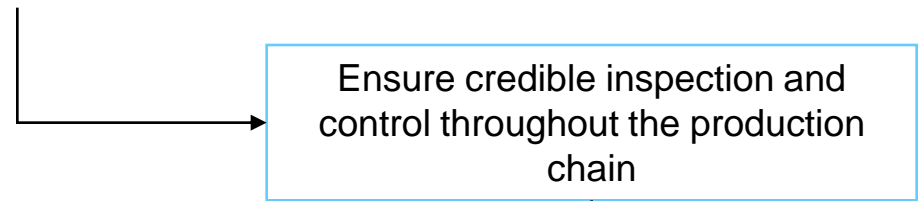
Principles

Food safety begins in farm, wherever the food comes from

→ Organisation of inspection missions in the exporting country

→ *Inspection of the food safety authority*

→ Recognition of the **competent authority** of the non-EU country



Which covers all relevant aspects of

- Hygiene
- Consumer Safety
- Animal health Status

→ **Official European Certification**

of the third country's products



European import conditions

Principles

Other European importation policies

→ Fair solution

- Participation with other countries on drawing up adequate international food safety rules

→ Same high level standards worldwide

→ Easier exportations to the EU

-food safety
-environmental protection
-rural development
-sustainable production
-animal welfare.

- Supply of technical assistance to help developing countries to meet its own standards

Reduction of the number of deaths from contaminated food and water

- Campaigns for 'fair trade' products

foodstuffs from producers who have been paid a fair price and which have been handled and processed by workers who receive fair treatment.



European import conditions

Specific Conditions for seafood

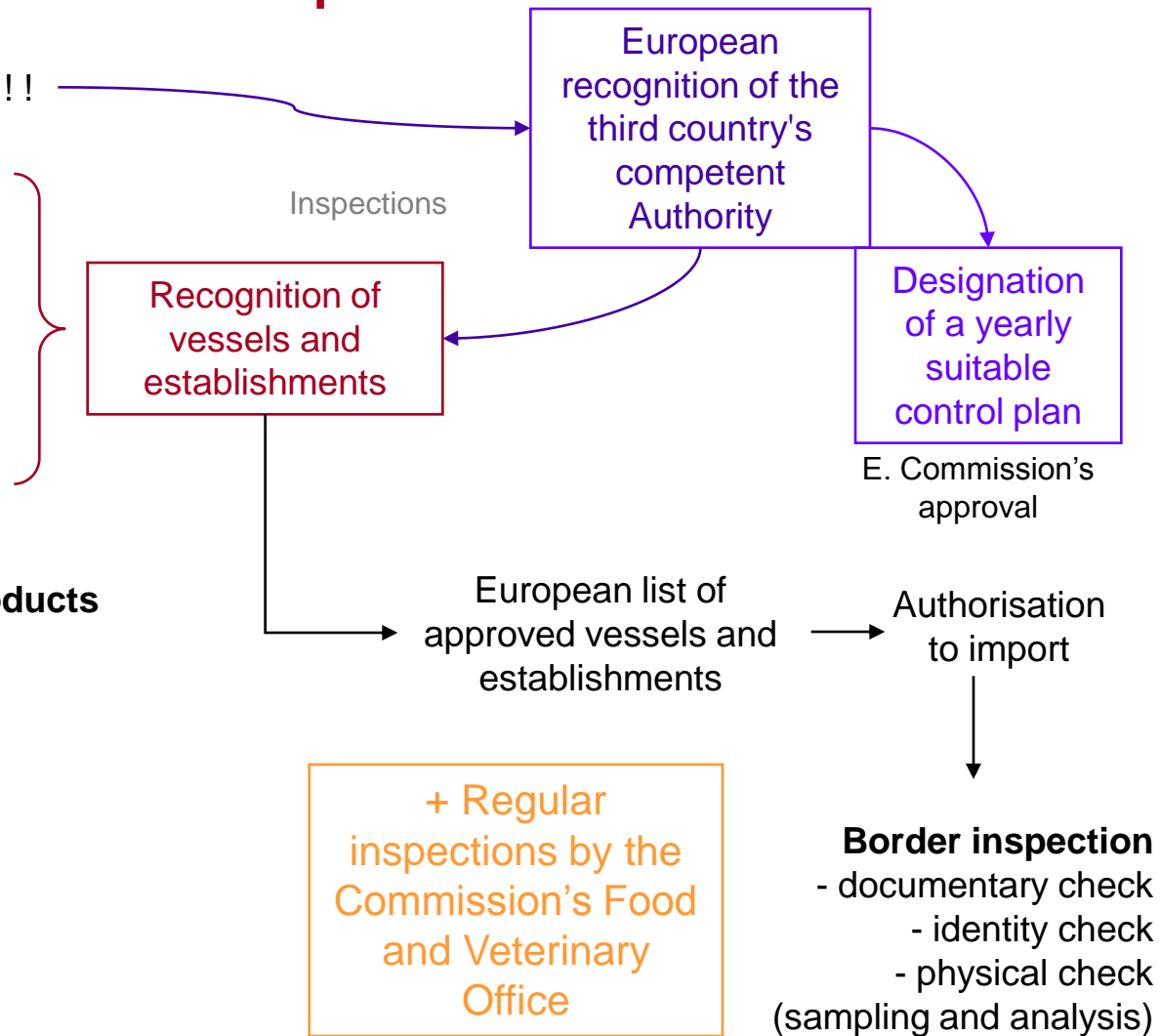
• Requirement of **Official certification** !!!

• **Specific hygiene requirements** on the

- the structure of vessels
- landing sites
- processing establishments
- operational processes
- freezing and storage

• **Specific control plan for aquaculture products**

- heavy metals
- contaminants
- residues of pesticides
- veterinary drugs





Thanks for your
attention

