



# **Better Training for Safer Food BTSF**

## **Workshop on EU Legislation for Animal Welfare**

### **Animal Welfare at Slaughterhouse**

P3

Massimo Rescigno

Health and  
Consumers



# What we are going to talk about?

*Practical*

*Animal Welfare why?*

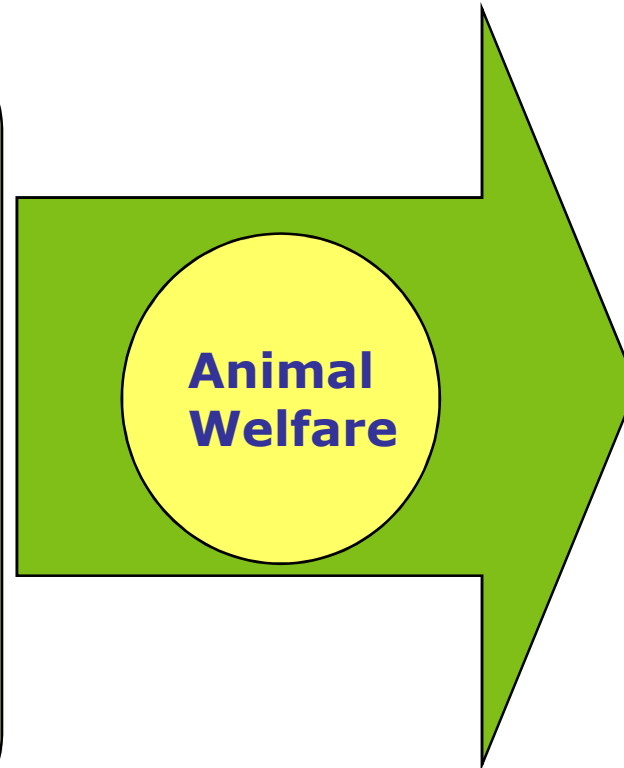
*Overview on EC Regulation 1099/2009*

*Film: Welfare of Cattle at Slaughterhouse*

*Film: Welfare of Pigs at Slaughterhouse*

# Animal Welfare

- Moral/ethical
- Legislation
- QA schemes
- Standards
- Retail pressure
- Customer concerns
- Export/import



- Customer confidence
- Import expectation
- Repeat business



# EUROBAROMETER survey - 2006

- *62% would change shopping habits in order to access more animal welfare friendly goods*
- *51% think AW friendly goods are healthier than other food and 48% think they are of better quality*
- *89% think that import should be produced under the same animal welfare conditions as those originating in the EU*



## ***Five freedoms*** (*Brambell Committee 1965*)

*Freedom from hunger and thirst*

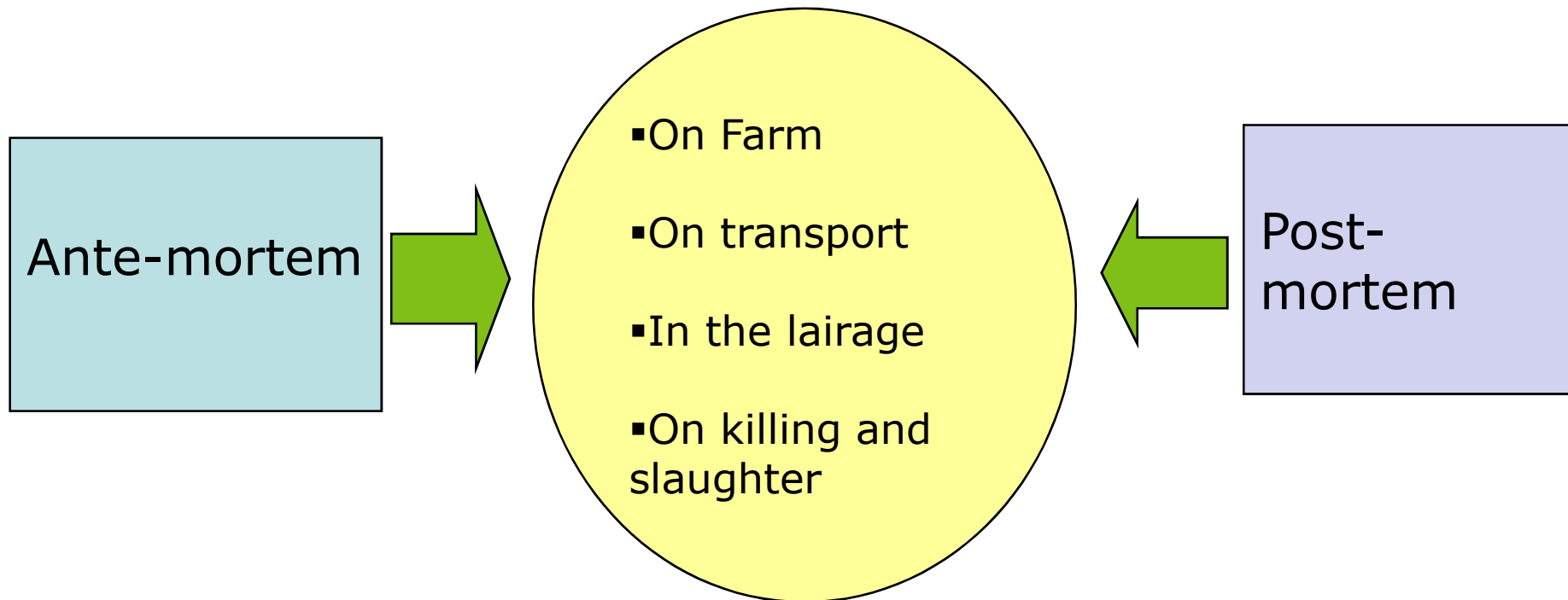
*Freedom from physical distress*

*Freedom from pain, injury and disease*

*Freedom from anxiety and fear*

*Freedom to carry out natural behaviour*

# Welfare at Slaughterhouse





# Animal Welfare, Meat Hygiene ,Food Safety, Meat Quality

*Salmonella*

*PSE (Pale Soft Exudative)*

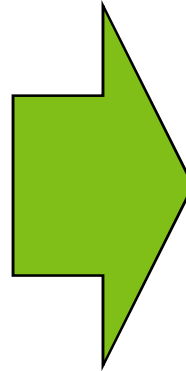
*Wings damages in Poultry*

*Fight damages*

# Legal framework

***Council Directive  
93/119/EC***

*of 22 December 1993  
On the protection of  
animals at the time  
of slaughter or Killing*



**COUNCIL REGULATION  
(EC) No 1099/2009  
of 24 September 2009  
on the protection of  
animals at the time of  
killing**

**1<sup>st</sup> of January 2013**

*(EC) No 854/04*

*(EC) No 178/02*





## Reg. 1099/2009

***COUNCIL REGULATION (EC) No 1099/2009  
of 24 September 2009 on the protection of  
animals at the time of killing***



*Food, wool, skin, fur and **fish!!!***



## **Directive (EC) 93/119 Article 3** **Reg.EC 1099/2009 Article 3**

*"Animals shall be spared any avoidable excitement pain or suffering during movement, lairaging, restraint, stunning, slaughter or killing"*  
( Reg. 1099/2009 ` related operations' )

## Art.3 Handling

- *Animals are handled and housed taking in consideration their normal behaviour*
- *Animals are prevented from avoidable interaction with other animals that could harm their welfare*

## ***Art.4 and 5 Stunning***

- regular checks
- Monitoring procedures are put in place according to Art.16

## ***Art. 6 Standard operating procedures***

- FBO shall plan in advance the killing of animals and related operations and shall carry out in accordance with SOP



## Art.7 Level and certificate of competence

■ *FBO to ensure the following slaughter operations only carried out by persons holding a certificate of competence:*

- handling and care of animals before restraining*
- restrain*
- stunning*
- assessment of stunning*
- shackling or hoisting of live animals*
- bleeding of live animals*
- slaughtering*

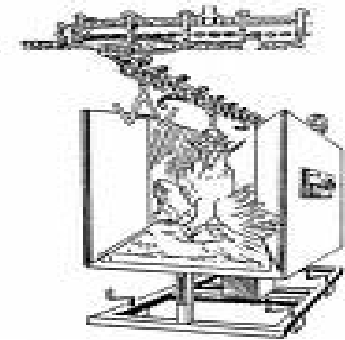


## Art.8 Instructions for the use of restraining and stunning equipment

- *Restraining and stunning equipment shall be maintained and calibrated accordingly to the manufacturer's instructions. Those instructions to specify species, categories, quantities and/or weights of animals for which the equipment is entitled to be used.*

## Art. 9 Use of restraining and stunning equipment

- *backup equipment available*
- *record of maintenance of equipment*
- *animals not restrained until the person is ready*



## Art. 12 Imports from third countries

*Chapter II and III shall apply for the purpose of art.12 (2) (a) of Reg. 854/2004*





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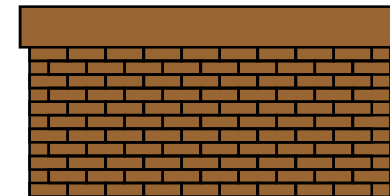


## Art. 14 Layout construction and equipment

*Annex II Very detailed*

*All the parameters to be considered in the approval:*

- throughput per hour*
- categories of animals and weight*
- capacity of the larium*





## Art. 17 Animal Welfare Officer

- *Responsible for Welfare*
- *Responsibilities to be described in SOP*
- *Certificated of competence issued for all operations*
- *Responsible of records of action taken to improve welfare*

## Art. 21 Certificate of competence

*Certificate of competence approved by  
Designated Competent Authorities responsible  
for:*

- approving training programmes*
- content and modalities for examinations*
- delegation of final exams and issue of certificates of competence to approved external bodies (no conflict of interest)*



# Stunning killing permitted methods

## *Stunning*

- concussion
- electro narcosis

## *Killing*

- free bullet (captive bolt)
- electrocution
- Gas
- captive bolt

Species	Minimum current levels for head-only stunning
Cattle	1.28 amps
Calves (bovines of less than 6 month of age)	1.25 amps
Pigs	1.30 amps
Sheep and goats	1.0 amps
Chicken	240 mA
Turkey	400 mA

# Gas killing

## *Gas mixture parameters*

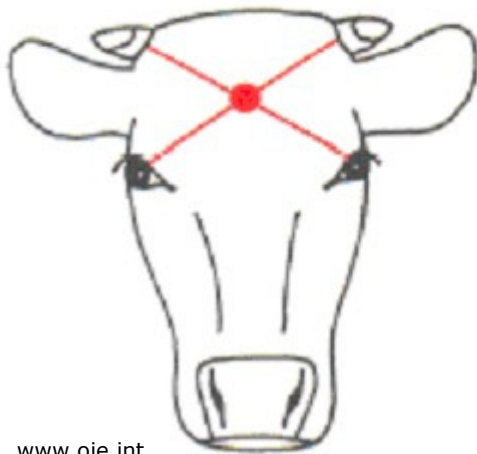
***CO<sub>2</sub>***

***O<sub>2</sub>***

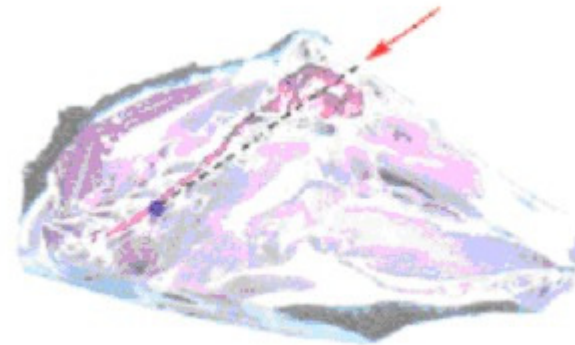
***Argon***

***Nitrogen***

# Film on Cattle slaughter

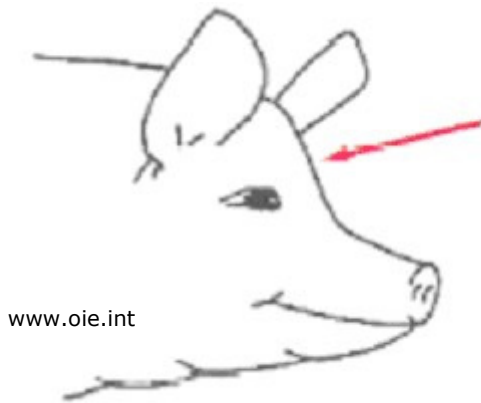


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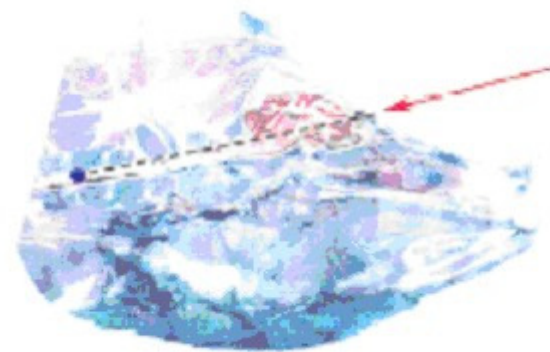




# Film on Pigs slaughter



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**Thank you for your Attention**