



Animal Health Matters.  
For Safe Food Solutions.



Schweizerische Eidgenossenschaft  
Confédération suisse  
Confederazione Svizzera  
Confederaziun svizra

Swiss Confederation

Federal Department of Economic Affairs,  
Education and Research EAER  
**State Secretariat for Economic Affairs SECO**



## Establishment of a risk-based food safety control system in the Ukrainian dairy value chain

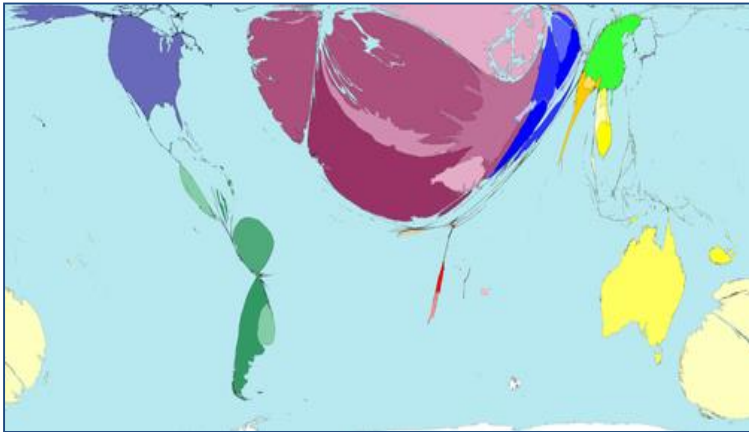
# Importance of safe raw milk - animal health Awareness Workshop

*Jorge Pinto Ferreira*

Kyiv, 16.08.2016

# GLOBAL MILK TRADE

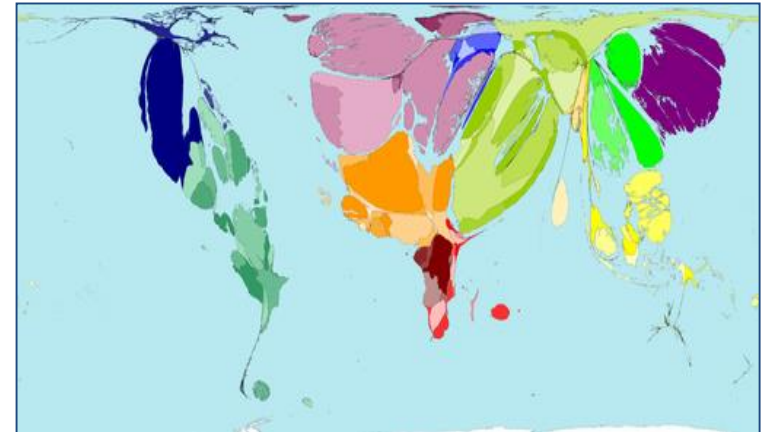
## EXPORTATIONS



worldmapper.org

New Zealand:  
3.5 M dairy cows – exp. to 140  
territories

## IMPORTATIONS



worldmapper.org

Main importers:  
Middle East, North of Africa and  
Japan

# DAIRY SECTOR – ANIMAL HEALTH - MASTITIS

- Definition

Inflammation of the mammary gland, independent of the cause, characterized by physical, chemical, and (usually) bacterial changes in the milk, together with pathological changes in the glandular tissue.

- Changes in milk composition



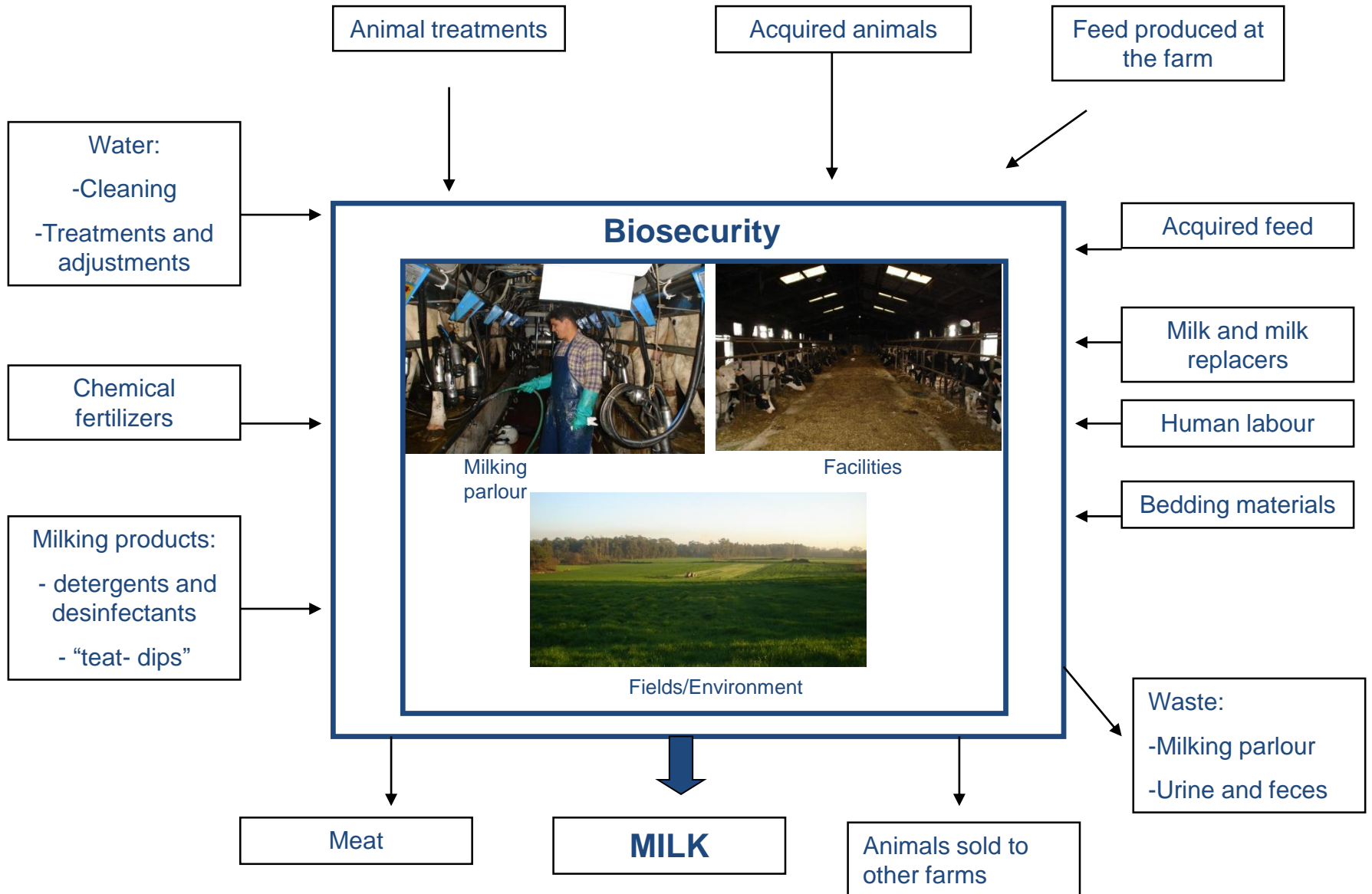
Fat, Lactose, Casein and Calcium



Proteases, Inflamm. mediators, Bacterial toxins,...



- Customized solutions...





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# Thank you for your attention

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Swiss-Ukrainian Project

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