



# **Foreign investment opportunity in the Ministry of Agriculture. Broilers breeder production and its commercialization**

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Dr. M.V.Z. Maykell Hidalgo Herrera MSc.




# History of poultry farming in Cuba

✓ The broilers breeder production was until 1999.



73 000 tons

✓ The workers  high technical qualification

✓ But the problem was that we had old technology.



Good Results

✓ Poultry production costs were USD 1200 / ton while in the international market the costs were USD 600.

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# Why invest in broilers in Cuba?

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- ✓ Is free of [Avian Influenza](#).
- ✓ Is a virgin market.
- ✓ Imports more than 250'000 tons of chicken meat per year.



Demand is guaranteed

# BROILERS BREEDER PRODUCTION AND ITS COMMERCIALIZATION

## Description of the investment:

- ✓ To increase the production of poultry.
- ✓ The objective is to produce 10,000 tons of chicken meat per year.
- ✓ Chickens will have body weight of 2 kg at 38 days, with conversion of 1.75 Kg.

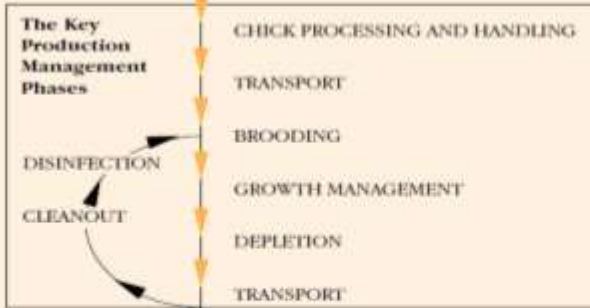
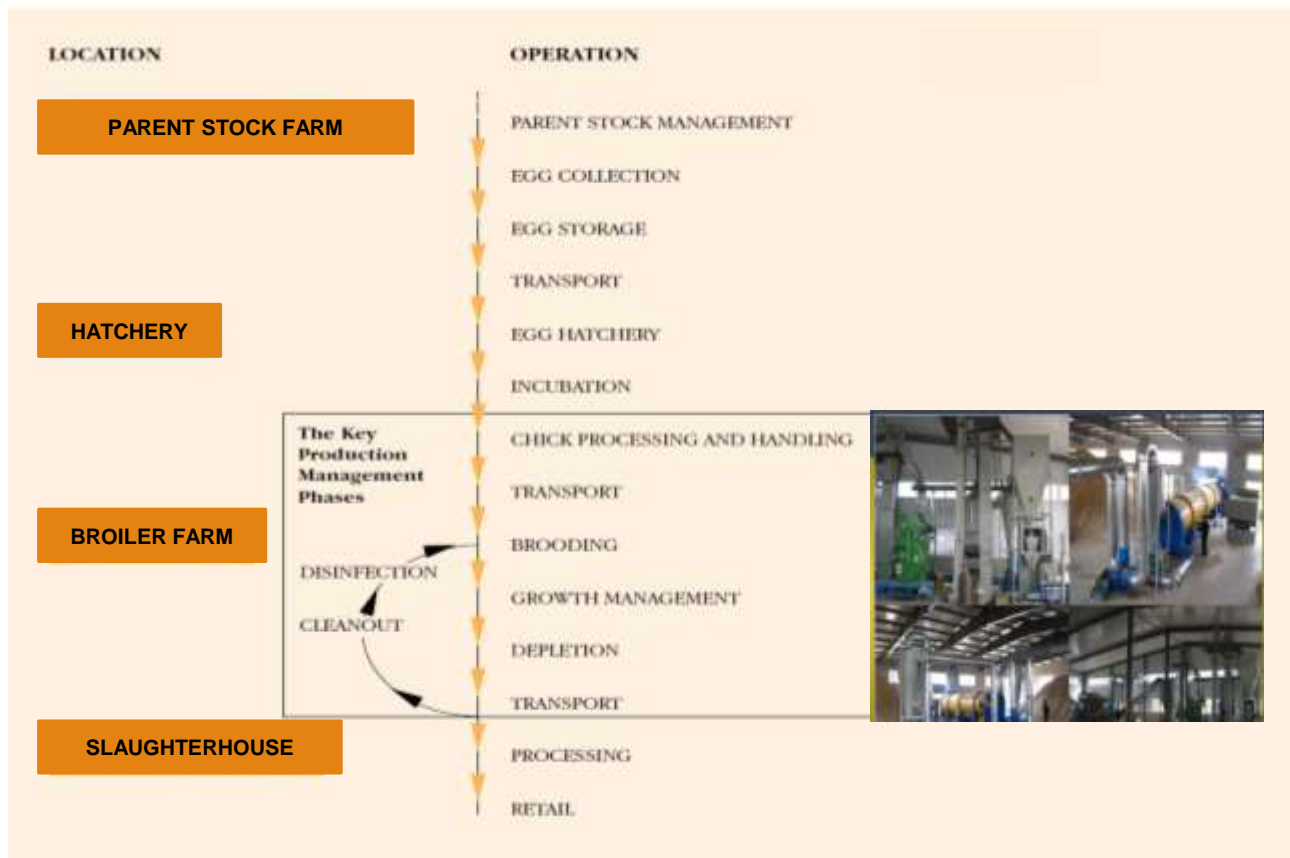


This project can be implemented in all Cuba.



# Broilers breeder production and its commercialization

## Producing Broiler Meat – The Total Process



The plant for the production of feed

# BROILERS BREEDER PRODUCTION AND ITS COMMERCIALIZATION

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- ✓ Investment Type: Joint Enterprise.
- ✓ Cuban Party: Poultry Enterprises.
- ✓ Estimated Investment: 29 million USD.





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# **POSSIBLE BUSINESS RELATIONSHIPS**

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**Cage system manual**



**Cage system automatic**

- ✓ Feeding system with chain
- ✓ Belt transport for excrement
- ✓ Belt transport for eggs and collection



# POSSIBLE BUSINESS RELATIONSHIPS



**DOMINANT**



**D 229**



**Poultry Research  
Institute**



# POSSIBLE BUSINESS RELATIONSHIPS



Research Institute of Biopharmacy and Veterinary Drugs

LIVACOX<sup>®</sup> Q



BREEDERS - LAYERS

LIVACOX<sup>®</sup> T



BROILERS

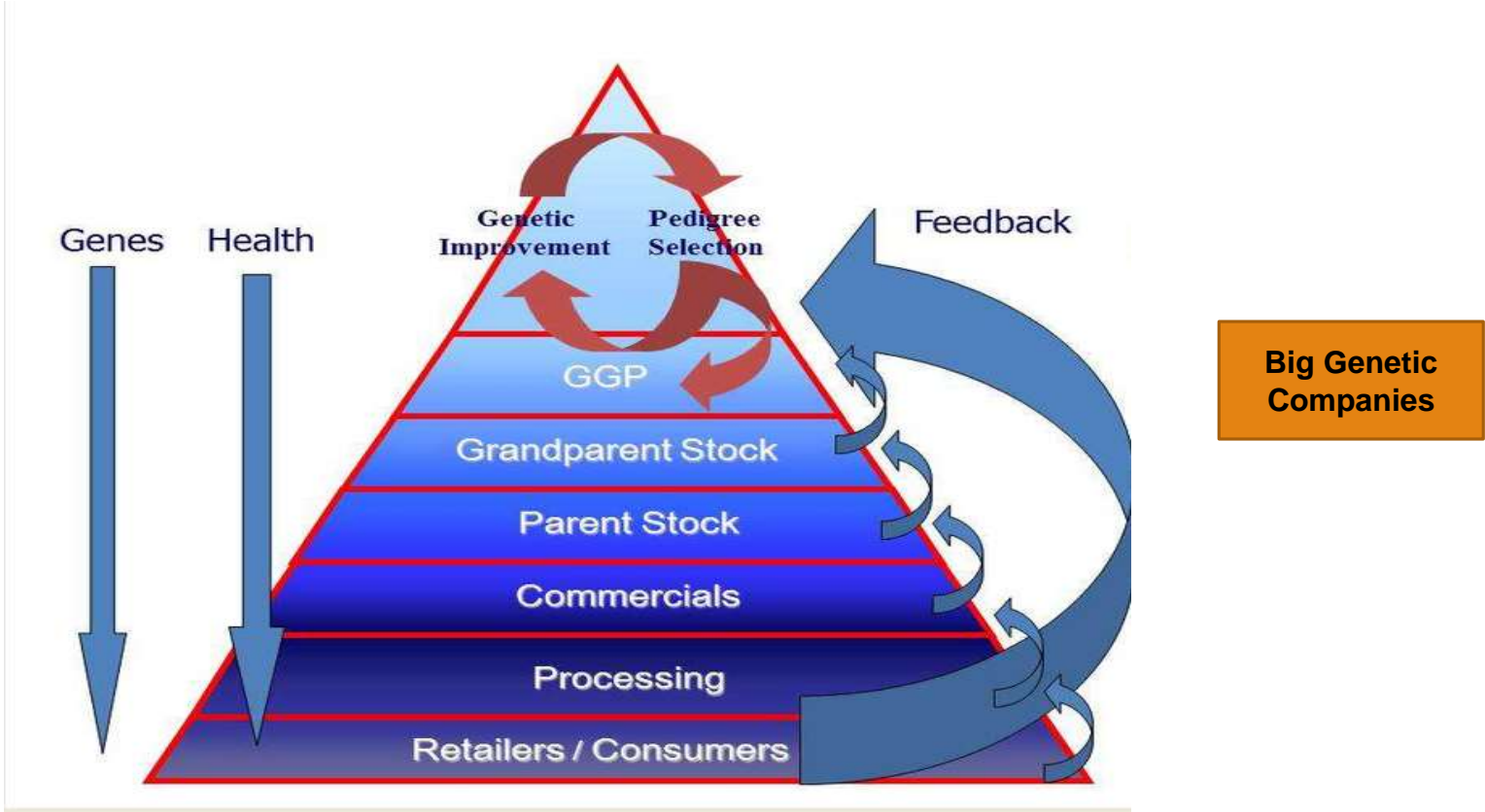


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# BREEDING-PYRAMID



# HATCHERY



# HOUSING AND ENVIRONMENT

An Example of Natural Ventilation



An Example of Power Ventilation



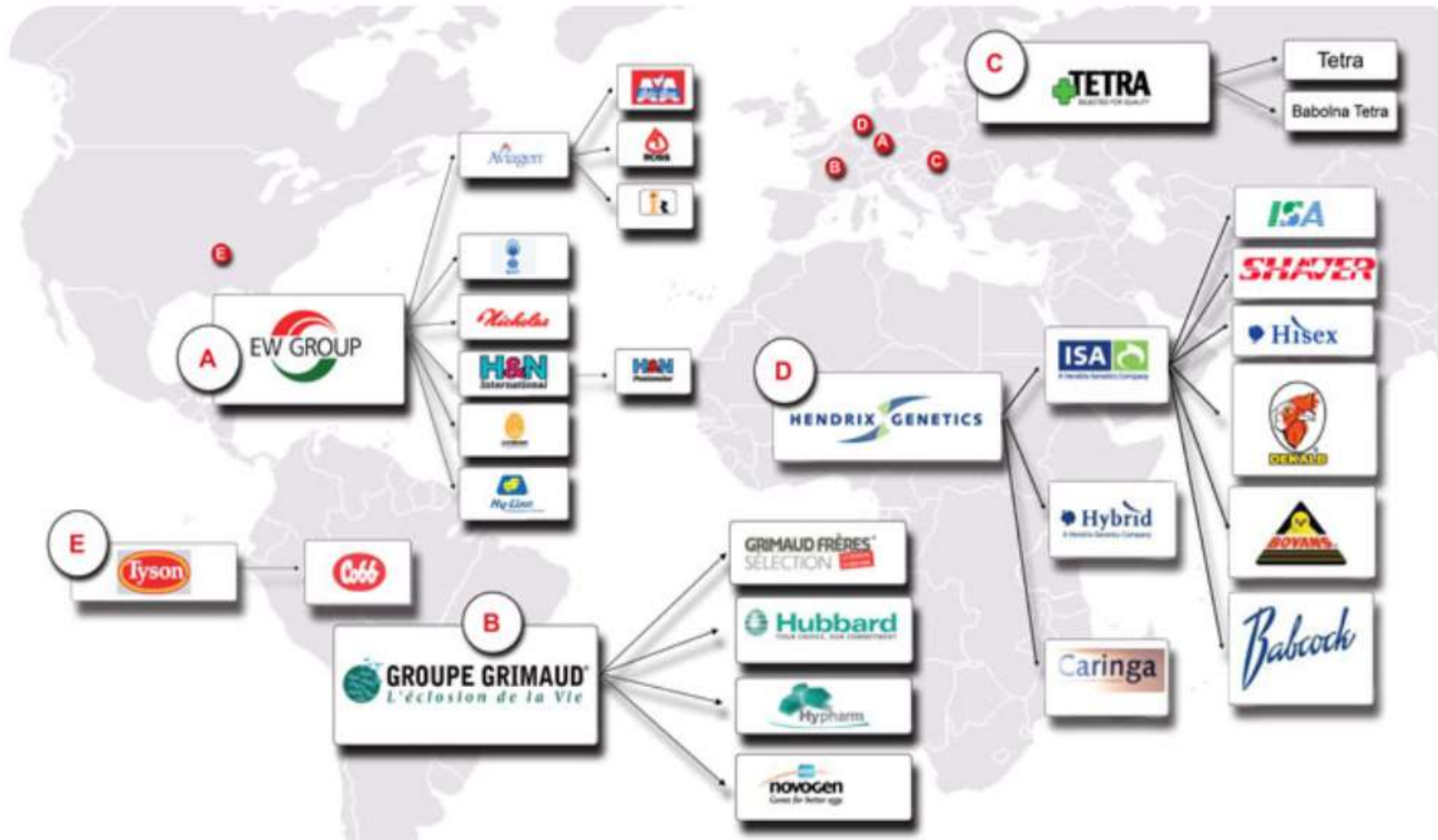
# SLAUGHTERHOUSE

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It is necessary a slaughter line of 3,000 chickens / hour

# THE GLOBAL POULTRY GENETICS

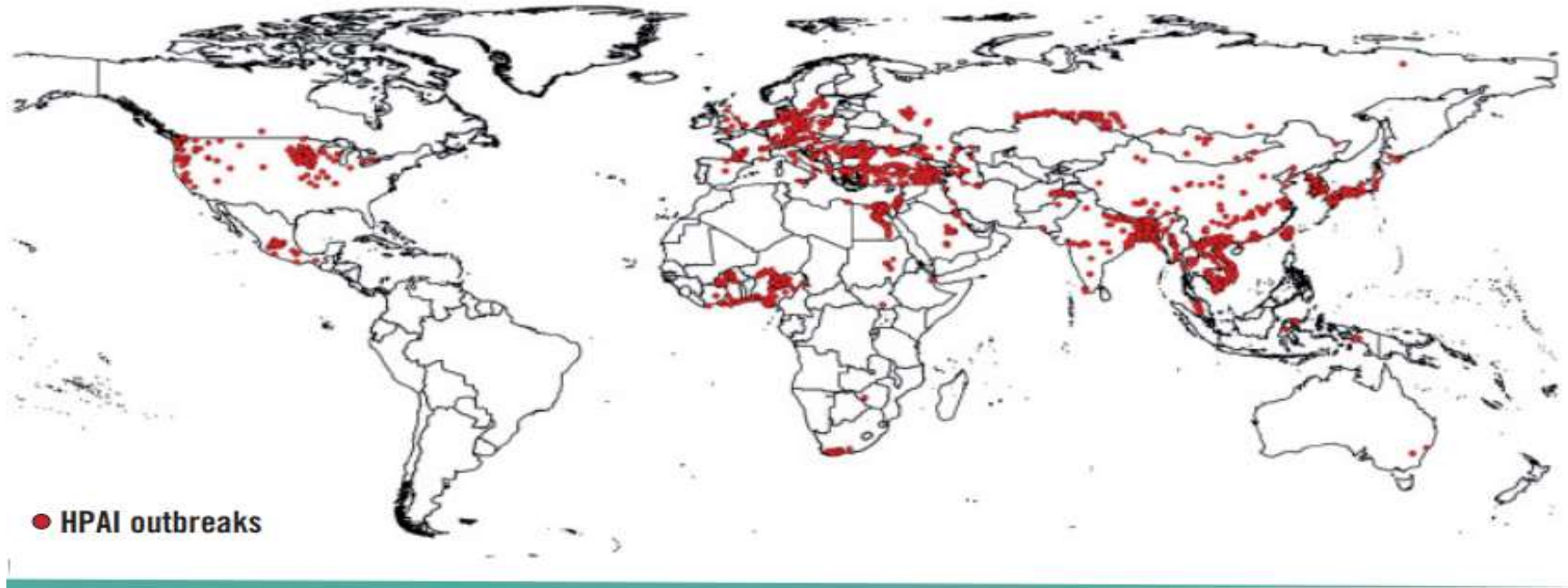






# GLOBAL DYNAMICS OF HIGHLY PATHOGENIC AVIAN INFLUENZA

World Organization  
for Animal Health



HPAI outbreaks location

- ✓ AI is one of the most important diseases of poultry.
- ✓ Affects the birds and other animals.
- ✓ Even humans can contract AI.