

# ADAPTATION OF HUNGARIAN POULTRY BREEDS IN VIETNAM, DEVELOPMENT OF POOR REGIONS, WITH REGARD TO AGRARIAN ENVIRONMENTAL PROTECTION AND GENE CONSERVATION

*(Hungary – CIDA – Vietnam trilateral MGE-NEFE project)*



**Association of Hungarian Small Animal Breeders  
for Gene Conservation**



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# **BACKGROUND AND PRINCIPAL POINT OF VIEW OF THE PROJECT**



## **Association of Hungarian Small Animal Breeders for Gene Conservation (MGE)**

- Project leader
- Official breeding organisation of old Hungarian poultry breeds

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**Dr. Rátky József**  
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and Nutrition**

**Division of Small Animal Research (Gödöllő –  
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# OLD HUNGARIAN POULTRY BREEDS

(POULTRY GENE BANK OF GODOLLO)

BREEDING ORGANISATION: MGE

BREEDER: ATK

## Chicken

- Hungarian Chicken (white, yellow, speckled, partridge-colour)
- Transylvanian Naked-neck Chicken (white, black, speckled)

## Guinea fowl

- Hungarian Landrace

## Turkey

- Copper turkey
- Bronze turkey

## Goose

- Hungarian Goose (colour varieties)
- Frizzled Hungarian Goose (colour varieties)

## Duck

- White Hungarian
- Wild-colour Hungarian

# **VIETNAMESE BACKGROUND**

## **Traditional Vietnamese-Hungarian relations in animal research, breeding and production**

Partner institutions and NGO-s in Vietnam for the cooperation in animal breeding, production and research:

### **NGO:**

- Association of Vietnamese Animal Breeders (Hanoi)

### **GOVERNMENTAL INSTITUTIONS:**

- NIAH (National Institute of Animal Husbandry – Hanoi)
- NIAH – Thuy Phuong Poultry Centre (Hanoi)
- NIAH – Ba Vi Goat and Rabbit Centre (Ba Vi)
- National Honey Bee Center (Hanoi)
- Can Tho University (Cantho)
- Thu Duc University (Hochiminh city)
- Hue University (Hue)





Built in the seventy years  
by **Hungary** and  
completely installed by  
**Hungarian equipments**.  
Cam Binh station hatched  
all the turkey eggs sent by  
MGE-NEFE project

Through the expansion of our  
project Cam Binh can recruit  
Hungarian relations and  
Hungarian experts can attend  
again the functioning of  
Hungarian aid in Vietnam



# • IMPORTANT POINT OF VIEW IN THE SUSTAINABLE DEVELOPMENT OF VIETNAM



## PROTECTION OF THE LOCAL ANIMAL GENETIC RESSOURCES



„Van pa” pig



„Binh Dinh” duck



„Muong Khuong” pig



„U-Riu” zebu



„O Ke” chicken



„Mong Cai” pig



„Dong Tao” pig



„Bau Quy” pig



In **2000** **rabbit breeds** were imported from our institute by Ba Vi Goat and Rabbit Research Centre.

In **2002** our Institute exported **guinea-fowls** to Vietnam (Hanoi- Thuy Phuong) for adaptation experiments

In **2006** May MGE transferred to Vietnam 1000 **turkey** eggs for studying the adaptation of Hungarian poultry breeds in Vietnam (Cam Binh- Hai Duong)



**THE MAIN POULTRY BREEDS  
INTRODUCED  
TO VIETNAM  
BY „MGE-NEFE” PROJECT**



# Hungarian Landrace Guinea-fowl







Acclimatization and expansion experiments of the Hungarian Landrace Guinea-fowl in Vietnam (MGE Consultant Breeder).





**HUNGARIAN COPPER TURKEY**



**HUNGARIAN BRONZE TURKEY**





Eggs were traisted and hatched in the local conditions with the technology sent by MGE (May 2006)



Turkey breeds introduced to Vietnam in 2006 produce very well. Rearing in the very modest conditions, there is no actual mortality during the first 22 week rearing period. Egg production will start in March, 2007.





Turkeys were kept conscientiously by Cam Binh poultry breeders through the professional direction of MGE experts.

Rearing was easier than that of chicken.





According to technicians body weight gain and overall health status of the breeds in the home country.

# **MAIN PROJECT ACTIVITIES IN 2006**

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**- Field studies of Vietnamese Animal Genetic Resources**





- Adaptation experiments of Hungarian poultry in Vietnam



# MAIN ACTIVITIES OF THE NEFE PROJECT

In

2007

- Adaptation experiments of Hungarian poultry in Vietnam (cont.)
- Fields studies of Vietnamese Animal Genetic Ressources (cont.)
- Experts meeting in March and August
- International Conference in August
- Project Panel meeting in November

## MAIN PLANNED ACTIVITIES IN THE PROJECT



Hungarian experts supervise the work in the Thuy Phuong Poultry Breeding Centre and in the model farms, and they organise/hold trainings (husbandry, selection, breeding technology, nutrition, hatching, and animal health care).

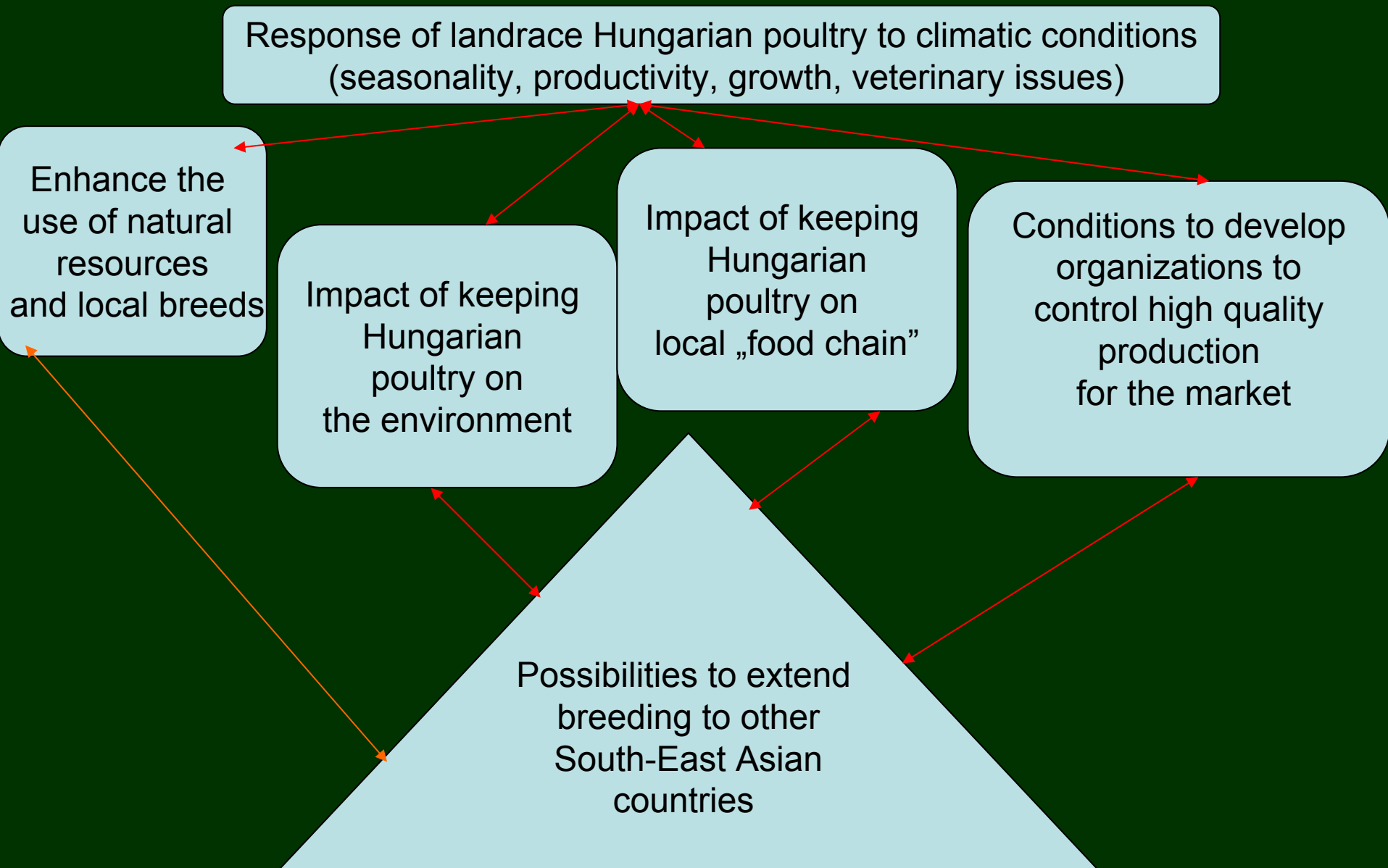


Organisation of training courses for Vietnamese breeders and farmers (coming from different regions) involved in the project.

-Arrangement of the **organisational forms** (NGOs) for the background of breeding.

# STRATEGIC EXTENSION SCHEME

## Breeding of Old Hungarian Poultry in Vietnam







*“Development aid” to Vietnam described in the project will provide Vietnamese people “what Vietnam really need” instead of “what Vietnam has to need”.*



Thank you very much for your attention!