

## Livestock development closed to environmental protection in Vietnam



### I. 2001- 2007 livestock situation in Vietnam

### II. Vietnam Livestock development direction for 2010- 2020 period

### I. 2001- 2007 livestock situation in Vietnam

- **Animal product growth achieves 8,9%/year.**
- **Of which, pork productivity increases by 10,3%,** beef: 9,4%; buffalo meat: 4,9%; Egg and poultry meat: 8,5% and 9,8%; milk productivity:32%/year. Livestock value increases by 7,3% compared to 2005.
- **Animal feed growth increases by 16%/year,** of which industrial feed account for 42,8%.

🌾 **During 2001- 2006 period**, grass planting area increases by 47,07%/year. Agricultural products proportion used for animal feed is 65% of the agricultural product total.

### Volume of feeding animals of the year 2007

List	Race	Volume (million heads)
1	Pork	26,56
2	Poultry	226,02
3	Cow	6,72
4	Buffalo	2,99
5	Goat, Sheep	1,77
6	Horse	0,10

## Some livestock development policies concerned to environment

- **Animal breeds law:** Article 19, 20 demand breeds business and production which have to ensure hygienic, animal health and environmental conditions.
- **Animal health law:** Article 12- Animal health hygienic conditions in livestock industry, Article 14 – Building safety zone and clean establishment for animals

- **Degree No 47/2005/NŞ-CP, 8/4/2005,** Article 20 shows that breeds business activities which are harmful to human health and environmental will be punished from 700 to 1,500 USD.
- **Decision No 166/2001/QŞ-TTg, 26/10/2001** by the Government prime Minister on some policies and solutions for 2001- 2010 export pig production.
- **Article 2** – Export pig production in the favorable condition regions for environmental and hygienic safe.

- **Article 10** – Ministry of Science, Technology and Environmental issued demands for export pig production establishments and organizations.
- **Decision No 88/2005/QĐ-BNN, 27/12/2005** of MARD on promulgating the list for valuable animal gene needed to be protection.
- **Decision No 396/QĐ-TTg, 20/4/2004** on subsidizing avian influenza prevention and livestock recovering cost after epidemics. Articles 2, 4 – Ensuring the budget for vaccination, cleaning activities and environmental

- **Decision 574/QĐ-TTg, 24/6/2005** and Decision 309/2005/QĐ-TTg, 26/11/2005 by the Prime Minister on subsidizing policies for aviation influenza prevention and treatment.
- **Decision 1318/QĐ-TTg, 13/12/2005** on subsidizing for animal processing and concentrating slaughter establishments. Article 2 – only clean animals (safety animals) are permitted to be slaughtered for human foods,...

- **Decision 62/200/QŞ-BNN, 11/7/2002** issued demanded conditions for safety zones and establishments reserved to livestock production.
- **Decision 3065/QŞ-BNN, 7/11/2005** demands standard conditions for poultry breeds, eggs and products business and production
- **Circulation No 69/2005/TT-BNN, 7/11/2005** on Guideline of some urgent solutions for preventing poultry H5N1

- **Circulations 42/2006/TT-BNN** on encouraging investment, enlargement of slaughter and processing places and concentrating industrial establishments.

## II. Direction for Vietnam 2010-2020 livestock development

1. Increase of scale and proportion for industrial livestock production from 36,8% by 2006 to 46,9% by 2010 and 56,0% by 2020.
2. Proportion of animals killed by industrial methods from 4,0% by 2006 to 12,4% by 2010 and 35% by 2020.

- Building epidemic control capacity. Covering and controlling foot and mouth diseases, diarrhea and flu.
- Reduce environmental pollution caused by livestock. Increasing households who have animal waste treatment system with the amount of 12% by 2006 to 45% by 2010 and 80% by 2020.
- Increasing proportion of using industrial feeds from 41,6% by 2006 to 55,5% by 2010 and 70,1% by 2020.
- Making trade mark and standardization of animal products

### Estimation Of animal heads volume for 2010-2020 period million heads

list	Animal race	2010	2015	2020
1	Buffalo	2,92	9,92	2,92
2	Cow	7,84	10,0	12,46
3	Pig	29,9	32,8	34,7
4	Chicken	205,4	257,4	306,4
5	Water poultry	58,6	54,2	52,3
6	Goat, sheep	2,23	3,18	3,98
7	Horse	0,10	0,10	0,10

### Livestock development policies

- **Encouraging** farm livestock production, industrialization of slaughter, processing for livestock products.
- **Controlling** and encouraging inventions, applications new technologies for reduce environmental pollution.
- **Protection** and development for local breeds
- **Encouraging** business activities for animal products

## Building international integration and cooperation on livestock production.

- **Subsidy of risk** and insurance for livestock production
- **Encouraging sustainable livestock** development closed together environmental protection
- **Encouraging livestock** cooperatives, club, villages, ...
- **Subsidizing income**, instruments for common livestock workers.

## Some livestock images in Vietnam





## Some images livestock environmental pollution in Vietnam



## Simple treatments of livestock waste in Vietnam



**Thank you for your attention**

