# Anticipating the Outbreak of Zoonotic Infectious Diseases Related to Animal Industry

**R.D. W. Bagja**
Indonesian Veterinary Medical Association

## ABSTRACT

Keeping and using animals and animal products is an age-old recognition. There are many reasons to own animals and some are as follows:

1. The Animal products are rich sources of essential protein needed by human being so they are farmed for meat or other animal products.
2. The animals which have economic values and the potential for making profits are reliable sources of income to the owner,i.e working animals.
3. The animals kept primarily for human companionship and pleasure.
4. The animals are useful for the government missions ,i.e sniffing dogs.
5. The animals that are free-living and captive animals or species lives in the wild without human intervention, that now under the regulations and guidelines that apply to the movement and trade of certain wild animal species.
6. The use of animals in experimentation or animal use for the purpose of research, testing and education.

Health experts from around the world representing human health and animal health i.e WHO, FAO, CDCP, IUCN and others that participating in an infectious diseases symposium on September 29, 2004 in USA known as 'One World One Health'event and followed by another meeting in December 2007 in India recommended that the international community draw on experiences with some infectious diseases such as HPAI to address the spread Emerging Infectious Diseases (EID) means infectious diseases that emerge (or re-emerge) from the interfaces between animals and humans and the ecosystems in which they live .

The experts agreed that the spreading of the diseases is as a result of several trends including exponential growth in human dan livestock population, rapid urbanization, rapidly changing farming systems, closer integration between livestock and wildlife, forest encroachment, changes in ecosystems and globalization of trade in animal and animal products.

The expert panelists described priorities for an international interdisciplinary approach for combating threats to the health of life on earth. The product called "Manhattan Priciples" or the One World One Health (OWOH) approach that currently recognized all over the world.