

**Summary of responsibilities of government and private sector to prevent spreading of HPAI (discussion groups  
Workshop 6 October 2010)**

| <b>Transmission risk</b> | <b>Specification</b>                                                                                                                            | <b>Government responsibility</b>                                                                                                                                                                                                                                                                                 | <b>Private sector responsibility</b>                                                                                                                                                                                                                             |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General                  |                                                                                                                                                 | <ul style="list-style-type: none"> <li>- traffic / movement control</li> <li>- public awareness</li> <li>- surveillance / monitoring</li> <li>- target vaccination</li> <li>- prevention /control in sector 1 + 2</li> <li>- provincial and district laws</li> <li>- advice for poultry farmer groups</li> </ul> | <ul style="list-style-type: none"> <li>- improved poultry management</li> <li>- vaccination</li> <li>- strict biosecurity</li> <li>- routine checks through lab tests</li> </ul>                                                                                 |
| From other birds         | Prevent infection from: <ul style="list-style-type: none"> <li>- local birds and dead poultry</li> <li>- ducks</li> <li>- wild birds</li> </ul> | Promote / awareness: <ul style="list-style-type: none"> <li>- poultry caging</li> <li>- hygiene / disinfection</li> <li>- handling dead poultry</li> <li>- sick poultry (kill – not to sell)</li> <li>- vaccination</li> </ul> Monitoring poultry health                                                         | <ul style="list-style-type: none"> <li>- assist in socialization</li> <li>- employees – no poultry at home</li> <li>- install nets to protect from wild birds</li> <li>- tighten biosecurity</li> <li>- fence around farm</li> <li>- location of farm</li> </ul> |
| From mammals             | Prevent infection from: <ul style="list-style-type: none"> <li>- humans carrying virus</li> <li>- rats</li> <li>- others</li> </ul>             | <ul style="list-style-type: none"> <li>- awareness biosecurity and hygiene</li> <li>- use protective clothing</li> <li>- hygiene</li> <li>- monitoring for rodents</li> <li>- provide disinfectant</li> </ul>                                                                                                    | <ul style="list-style-type: none"> <li>- limit human traffic</li> <li>- protective clothing and hygiene</li> <li>- rodent eradication</li> <li>- use disinfectant</li> <li>- biosecurity</li> </ul>                                                              |
| Through insects          | <ul style="list-style-type: none"> <li>- flies</li> </ul>                                                                                       | <ul style="list-style-type: none"> <li>- awareness hygiene/ socialization / leaflets on fly control</li> <li>- reduce garbage problem</li> <li>- keep clean, beauty and order (K3)</li> </ul>                                                                                                                    | <ul style="list-style-type: none"> <li>- clean the environment and good drainage</li> <li>- clean cages</li> <li>- eradicate flies</li> <li>- insecticide in feed</li> <li>- cover trash and garbage</li> </ul>                                                  |

| <b>Transmission risk</b> | <b>Specification</b>                                                                                                                                                                  | <b>Government responsibility</b>                                                                                                                                                                                                                         | <b>Private sector responsibility</b>                                                                                                                                                                                                    |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Through eggs             | <ul style="list-style-type: none"> <li>- hatching eggs</li> <li>- table eggs</li> </ul>                                                                                               | <ul style="list-style-type: none"> <li>- awareness for hygiene in egg handling</li> <li>- control of egg transport</li> <li>- monitoring breeders</li> </ul>                                                                                             | <ul style="list-style-type: none"> <li>- SOP for employees</li> <li>- Spraying / fumigation of hatching eggs</li> <li>- Clean trays and tray disposal</li> </ul>                                                                        |
| Through water            | <ul style="list-style-type: none"> <li>- drinking water for poultry</li> <li>- source of cleaning water</li> <li>- discharge of cleaning water</li> </ul>                             | <ul style="list-style-type: none"> <li>- monitor (+ test) water quality</li> <li>- monitor discharge of cleaning water</li> <li>- provide free water tests</li> </ul>                                                                                    | <ul style="list-style-type: none"> <li>- routine checks for water quality</li> <li>- chlorinate water</li> <li>- routine cleaning installation</li> <li>- filter discharge water</li> </ul>                                             |
| Through fomites          | <ul style="list-style-type: none"> <li>- Equipment (vaccination tools, transport, crates, egg trays)</li> <li>- Trucks (poultry, feed)</li> <li>- Litter</li> <li>- Manure</li> </ul> | <ul style="list-style-type: none"> <li>- awareness equipment disinfection</li> <li>- provide SOP</li> <li>- disinfection poultry trucks</li> <li>- socialization of composting</li> </ul>                                                                | <ul style="list-style-type: none"> <li>- SOP for equipment and transport sanitation</li> <li>- Disinfection transport, cages and equipment</li> <li>- Landfill for garbage</li> <li>- Spay manure before transport / packing</li> </ul> |
| Through infrastructure   | <ul style="list-style-type: none"> <li>- farm location</li> <li>- Neighbors</li> </ul>                                                                                                | <ul style="list-style-type: none"> <li>- allocate special areas for livestock (spatial planning) and transport access</li> <li>- rules on GFP</li> <li>- rules on distance between farms</li> </ul>                                                      | <ul style="list-style-type: none"> <li>- check with current plans for spatial planning</li> <li>-</li> </ul>                                                                                                                            |
| Through vaccination      |                                                                                                                                                                                       | <ul style="list-style-type: none"> <li>- make vaccines available according to field strains</li> <li>- training courses and facilities for sector 3 and 4;</li> <li>- monitoring after vaccination;</li> <li>- provide vaccination regulation</li> </ul> | <ul style="list-style-type: none"> <li>- implementation routine vaccination;</li> <li>- assist in vaccination of sector 4 (around the farm);</li> </ul>                                                                                 |
| Through manure           | <ul style="list-style-type: none"> <li>- Action</li> <li>- Transport</li> <li>- Restocking</li> <li>- Sterilization</li> </ul>                                                        | <ul style="list-style-type: none"> <li>- Socialization on composting, transport and packaging;</li> <li>- Provide disinfectant</li> <li>-</li> </ul>                                                                                                     | <ul style="list-style-type: none"> <li>- good storage</li> <li>- empty period before restocking;</li> <li>- disinfection before packing and transport;</li> </ul>                                                                       |