The spread patterns of high pathogenicity avian influenza (HPAI) have recently evolved from a historically known scenario to a new one. Both scenarios coexist in the current epidemiological situation.

### Historical scenario
- LPAI in wild birds
- LPAI mutates to HPAI at barn level
- HPAI spreads to other poultry in the farm
- HPAI spreads to other farms
- Mammals

### New scenario
- LPAI in wild birds
- LPAI mutates to HPAI at barn level
- All the barns can quickly get infected through contaminated environment
- HPAI spreads to other farms
- Mass culling
- Movement restriction

### Prevention and control measures
- Biosecurity at farm level
- Biosecurity at barn level
- Constant monitoring and surveillance