



































## Particularities of Veterinary Pharmacovigilance



## environmental problems

Case Example: Diclofenac, used in southern Asia as a livestock treatment, is toxic to vultures when they feed on contaminated carcasses, causing kidney failure and death. 3 vulture species nearly extinct.



















| Residues  |          |
|---|----------|
| <ul> <li>A regulation is necessary to:</li> <li>Assess risks associated to residues</li> <li>Manage risks : LMR definition, classification of products</li> </ul>                 |          |
| <ul> <li>Implementation of Auto-control and surveillance<br/>by Countries :</li> <li>Sampling plans</li> <li>Reference laboratories at national and regional<br/>level</li> </ul> |          |
|   | <b>B</b> |







|                |   | 1                       |                       |                |  |
|----------------|---|-------------------------|-----------------------|----------------|--|
| Species        | Number of controlled<br>animals (% of annual<br>production) | Unauthorised substances |                       | VMPs           |  |
| Bovine         | 0.4%  | 50% live animal         | 0.15%                 |                |  |
|                |   | 0.25%                   | 50%<br>slaughterhouse |                |  |
| Porcine        | 0.05 %  | 0.02%                   |                       | 0.03%          |  |
| Sheep and Goat | 0.05 %  | 0.01%                   |                       | 0.04%          |  |
| Equine         | In relation to the problems identififed                     |                         |                       |                |  |
| Poultry        | 1 per 200 tons  | 50% of samples          |                       | 50% of samples |  |
| Aquaculture    | 1 per 100 tons  | 1/3 of samples          |                       | 2/3            |  |
| Milk           | 1 per 15000 tons  | 1/3 of samples          |                       | 2/3            |  |
| Eggs           | 1 per 1000 tons   | 1/3 of samples          |                       | 2/3            |  |



