Harmonization of Veterinary Education and Animal Health Services

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Livestock

- Contribution to world GDP
  - 1.5 %
  - growth ~ 2.5 % p.a. globally
  - 5 % in developing countries

- 40 % of agricultural GDP

- > billion rural households
  livestock-dependent

- Last resort for people without alternatives
Meat Production Moving South

 metric tons


Developing
Developed
Milk Production
also Growing Rapidly

metric tons

developing
developed
Cost of animal disease outbreaks

BSE  CFS  FMD

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<th>CFS (Direct)</th>
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Public Health Issues

- Emerging disease origins in animals
- Food safety and intensive production (antibiotics, BSE)
- Persistence of “traditional zoonoses”
- Transboundary diseases
- Health-nutrition Link
Development links

- Public heath
- Nutrition
- Poverty alleviation
- Food security
- Food safety
- Rural and agricultural development
- Economic impact and GDP
Veterinary Services

- Erosion of veterinary resources
- Deteriorating professional reputation
- Attrition with insufficient replacement
- Technical over-emphasis
- Inadequate salaries and revenues
Veterinary services

- Poor advocacy nationally, regionally and internationally
- Political appreciation lacking
- Animal and human health collaboration lacking
- Governance and corruption
I Evaluation of Vet Schools

- PVS model
- Self-evaluation
- Based on existing accreditation criteria
- Input from industry, progressive farmers, students, commercial employers and government veterinary services.
II Gap analysis & Strategic plans:

- A vision statement - global perspective

- Curriculum development - modern, scientific, academic

- Clinical capacity

- Applied research

- Continuing education
- Library and multi-media teaching
- Capital investment
- Advocacy!
- Accreditation??
- Faculty/staff scientific/pedagogical
- Management and operational budget
III Regional centers

- Multi-year, multi-generational program

- Training facility ➔ other in-country programs over time

- Africa, south America, SE Asia, Central Asia, Eastern Europe

- Multi-donor coordination (TEMPUS)
IV Twinning programs

- Institutional agreements
- Multi-country regional centres
- Partner consortium
- Long institutional capacity building (15-20 years),
- In-country commitment – budget allocation, incentives and grading system
Twinning activities

- Evaluation ➔ Strategic plans
- Fundraising
- Faculty upgrading
- Applied research projects
- Student exchange and mentoring,
- Sabbatical posting applicable to tenure evaluation
- Digitize and translate curriculum
V Funding

- Seed money – needs assessments
- Twinning partner - fundraising
- Joint grant applications
- Bilateral and multi-lateral donors
- International GPAI/One health
- Bilateral and multi-lateral programs.
- Tempus (?)
Priorities

- On-farm and field-based ambulatory private vets & animal health workers

- Government veterinarians
  - Regulatory
  - Surveillance
  - Laboratory techs