



**European Association of  
Establishments for Veterinary Education  
(EAEVE)**

# **EVALUATION AND ACCREDITATION SYSTEM FOR VETERINARY SCHOOLS IN EUROPEAN COUNTRIES**

**Prof. László Fodor**

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Education in Japanese Veterinary Schools**

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# Introduction

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## Szent István University, Faculty of Veterinary Science, Budapest, Hungary









**Library**





## Decorations





**Statutes of professors in the park**





**Department of Microbiology and Infectious Diseases 8**



# **European Association of Establishments for Veterinary Education (EAEVE)**

- **founded in 1988 in Paris**
- **the mission of the EAEVE is to evaluate, promote and further develop the quality and standard of veterinary medical establishments and their teaching within, but not limited to, the member states of the European Union (EU)**
- **98 member institutions**
- **office in Vienna, Austria**

## **International connections**

- **Accrediting bodies**
  - **American Veterinary Medical Association (AVMA),**
  - **Veterinary Schools Accreditation Advisory Committee Australia (VSAAC)**
  - **South African Veterinary Council (SAVC)**
  - **national accreditation agencies**
- **World Organisation for Animal Health (OIE)**
- **Individual national bodies, committees (including Japan)**





**Prof. Y. Hashimoto**  
**EAEVE GA, Lyon, 2011**

## **The EAEVE/FVE evaluation system gives assurance to**

- **the public – to know they can trust the quality of graduating veterinary surgeons and the service they deliver**
- **veterinary students – to know their education reaches agreed and acceptable standards**
- **veterinary establishments – to know that their curricula and school reaches agreed benchmarked levels**



# History of the evaluation of veterinary training in Europe

- **78/1026/EC, 78/1027/EC: minimum requirements of training**
- **78/1028/EC: Advisory Committee on Veterinary Training**
- **Europe-wide system of evaluation**
- **1986-1989 pilot study**
- **European Commission delegated the program to the EAEVE in 1992**
- **first evaluation cycle: 1992-1999**
- **2000: EAEVE – Federation of Veterinarians of Europe (FVE)**

## **Legal background**

- **78/1026/EC, 78/1027/EC, 78/1028/EC**
- **2005/36/EC: Recognition of Professional Qualifications**
  - **veterinary surgeons**
  - **medical doctors,**
  - **nurses responsible for general care,**
  - **dentists,**
  - **pharmacists,**
  - **midwives,**
  - **architects**



## **Legal background**

- **at least 5 years (average 5.5y), university training**
- **adequate knowledge on**
  - **basic sciences**
  - **healthy animals, husbandry, reprod., hygiene, nutrition**
  - **behaviour, protection, animal welfare**
  - **diseases of animals (individual, herd), zoonoses**
  - **preventive medicine**
  - **food hygiene, food safety**
  - **laws, regulations, administrative provisions**
  - **clinical and practical experience**

## **Legal background**

- **2005/36/EC: Recognition of Professional Qualifications**
- **aim:**
  - **comparable education programs**
  - **graduates capable of working**
    - **with all species**
    - **in all fields of veterinary medicine**
- **generally uniform training (omnipotence)**
- **tracking**



# **Compulsory subjects**

## **Basic subjects**

- **Physics**
- **Chemistry**
- **Animal biology**
- **Plant biology**
- **Biomathematics**

## **Basic sciences**

- **Anatomy, histology, embryology**
- **Physiology**
- **Biochemistry**
- **Genetics**
- **Pharmacology**
- **Pharmacy**
- **Toxicology**
- **Microbiology**
- **Immunology**
- **Epidemiology**
- **Professional ethics**



## **Clinical sciences**

- **Obstetrics**
- **Pathology, pathological anatomy**
- **Parasitology**
- **Clinical medicine, surgery, anaesthetics (hands-on)**
- **Clinical lectures on various animal species**
- **Preventive medicine**
- **Radiology**
- **Reproduction, reproductive disorders**
- **Veterinary state medicine and public health**
- **Veterinary legislation and forensic medicine**
- **Therapeutics, propaedeutics**

# **Animal production**

- **Animal production**
- **Animal nutrition**
- **Agronomy**
- **Rural economics**
- **Animal husbandry**
- **Veterinary hygiene**
- **Animal ethology and protection**



## **Food hygiene**

- **Inspection and control of animal foodstuffs or foodstuffs of animal origin**
- **Food hygiene and technology**
- **Practical work (in places of slaughtering, processing of foodstuffs)**

# Day 1 competencies

## •2005/36/EC

### •adequate knowledge/skills/attitude/aptitude: competence

- basic sciences

- healthy animals, husbandry, reproduction, nutrition

- behaviour, protection, animal welfare

- diseases of animals (individual, herd), zoonoses

- preventive medicine

- food hygiene, food safety

- laws, regulations, administrative provisions

- clinical and practical experience

# Evaluation of veterinary training in Europe

- **2005/36/EC**
- **„voluntary based evaluation”**
- **run in cooperation with the FVE**
- **peer review**
- **two-stage system**
- **based on a Self Evaluation Report and a visit**
- **decision:**
  - **European Committee on Veterinary Education (ECOVE)**



# Evaluation

- **Stage I**

- **the Faculty conforms with Directive 2005/36/EC, regarding the training of veterinary surgeons**
- **result: approval**

- **Stage II**

- **the Faculty is following generally accepted and appropriate academic standards and providing learning opportunities of acceptable quality**
- **result: accreditation**

- **Consultative site visit**

# **Self Evaluation Report (SER): Stage 1**

- 1. Objectives**
- 2. Organisation**
- 3. Finance**
- 4. Curriculum**
- 5. Teaching quality and evaluation (methodology, examinations)**
- 6. Physical facilities and equipment (general, clinical)**
- 7. Animals and teaching materials of animal origin**
- 8. Library and educational resources**
- 9. Admission and enrolment**

# **Self Evaluation Report (SER): Stage 1**

**10. Academic teaching and support staff**

**11. Continuing education**

**12. Postgraduate education**

**13. Research**

## **Structure of chapters**

- **Factual information (tables, 3 years)**
- **Comments**
- **Suggestions for improvements**



## **Indicators**

- **no. total academic FTE / no. undergraduate students**
- **no. FTE total faculty / no. undergraduate students**
- **no. VS FTE / no. undergraduate students**
- **no. VS FTE / no. Students graduating annually**
- **no. total FTE academic staff / no. total support staff**
- **theoretical training / supervised practical training**
- **clinical work / laboratory and desk based work**
- **self directed learning / teaching load**
- **total no. hours food hygiene / total no. hours**
- **total no. hours food hygiene / hours extramural work in veterinary inspection**

## **Indicators**

- **no. students graduating / no. food producing animals**
- **no. students graduating / no. individual food animal consultations outside the faculty**
- **no. students graduating / no. herd health visits**
- **no. students graduating / no. equine cases**
- **no. students graduating / no. poultry/rabbit cases**
- **no. students graduating / no. companion animals**
- **no. students graduating / poultry/rabbit units visited**
- **no. students graduating / no. necropsy (food animals, horses)**
- **no. students graduating / no. necropsy poultry/rabbit**
- **no. students graduating / no. necropsy companion anim.**

## **SER Stage 2**

- **stage 1 approval is necessary**
- **at least 2 years of implementation of QA is needed**
- **supporting documentation**



## **SER Stage 2: Assessment procedures**

- 1. Policy statement**
- 2. Assessment of students (undergraduate education)**
- 3. Assessment of postgraduate education**
- 4. Assessment of student welfare**
- 5. Assessment of teaching staff**
- 6. Assessment of learning opportunities**
- 7. Assessment of training program**
- 8. Assessment of quality: clinics, laboratories, farm**
- 9. Assessment of continuing education**
- 10. Assessment of research**
- 11. Internationalisation of education and research**
- 12. Cooperation with stakeholders and society**

## **Visiting team (Stage 1)**

- **expert on basic subjects and sciences**
- **expert on clinical sciences (academic)**
- **expert on clinical sciences (practitioner)**
- **expert on animal production**
- **expert on food hygiene**
- **student**
- **coordinator**

## **Visiting team (Stage 2)**

- **2 experts**
- **coordinator**



## **Schedule: Stage 1**

### **Day 1**

- arrival, team meeting, meeting with the dean

### **Day 2**

- visit at the faculty campus

### **Day 3**

- individual visits of team members

### **Day 4**

- meeting with senior/junior academic staff, support staff, students, „Open hour”

### **Day 5**

- presentation of preliminary results

## **Schedule: Stage 2**

### **Day 1**

- arrival, team meeting, meeting with the dean

### **Day 2**

- visit of selected institutes, review of documents

### **Day 3**

- meeting staff and students responsible for quality assessment (1-12 assessment procedures), presentation of preliminary results

### **Day 4**

- departure

## Status of veterinary schools in Europe

<b>Schools</b>	<b>Number of schools</b>
<b>EAEVE member schools</b>	<b>98</b>
<b>Accredited</b>	<b>4</b>
<b>Approved</b>	<b>50</b>
<b>Conditionally approved</b>	<b>3</b>
<b>Not approved</b>	<b>21</b>
<b>Not visited, pending</b>	<b>20</b>

## **Future of EAEVE evaluation**

- **ENQA membership**
  - **affiliate of ENQA**
  - **associate membership**
  - **external review**
  - **EAEVE: professional specific member**



## **Future of evaluation**

- **widely acknowledged evaluation**
- **new SOP**
- **uniform evaluation (with 2 outcomes)**
- **less prescriptive, more descriptive**
- **focusing on Day 1 competences**
- **harmonisation with other evaluation methods**

# Principles

- **voluntary work (team members, committee members**
- **committed staff, team, committees**
- **committed schools**
- **common aim**
- **schools are convinced about the benefit**
- **responsibility for the profession and training**



**THANK YOU FOR YOUR ATTENTION!**