



HAL
open science

Developing structured education of economics applied to animal health: Results of a worldwide survey

H. Bennani, Agnès Waret-Szkuta, Didier D. Raboisson, Lucie Hans, Pierre Sans, Maurizio Aragrande, Massimo Canali, Jarkko Niemi, J. Gethmann, D. Höreth-Böntgen, et al.

► To cite this version:

H. Bennani, Agnès Waret-Szkuta, Didier D. Raboisson, Lucie Hans, Pierre Sans, et al.. Developing structured education of economics applied to animal health: Results of a worldwide survey. Veterinary Education Symposium, Jul 2015, Bristol, United Kingdom. 2015. hal-02801481

HAL Id: hal-02801481

<https://hal.inrae.fr/hal-02801481>

Submitted on 5 Jun 2020

HAL is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers.

L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.

Waret-Szkuta A¹, Bennani H², Raboisson D¹, Niemi J³, Aragrande M⁴, Gethmann J⁵, Babo Martins S^{2,6}, Hans L¹, Höreth-Böntgen D⁵, Sans P¹, Stärk K^{2,6}, Jackson E², Häslér B^{2,7}, Rushton J^{2,7}

1. INP-ENVT/INRA UMR 1225, France; 2. RVC, UK; 3. MTT, Finland; 4. University of Bologna, Italy; 5. FLI, Germany; 6. SAFOSO, Switzerland; 7. Leverhulme Centre for Integrative Research on Agriculture and Health, UK

Introduction and aim

- Animal health professionals need to have an understanding of the application of economics to animal health (EAH) to be able to advise clients in a more comprehensive way taking into account not only medical knowledge but also economic considerations
- The current economic crisis and the increase of animal disease emergence and re-emergence have made the need for these skills all the more urgent
- The NEAT project** “Networking to enhance the use of economics in animal health education, research and policy making in Europe and beyond” aims to enable a wide cadre of people to teach economics and create educational materials
- NEAT is a network of 60 partners from Europe, Australasia, Latin America and Africa
- NEAT conducted a survey to assess current and future needs and expectations of people using economics applied to animal health**



Methodology

- Three online questionnaires were distributed in 35 countries (mostly European) for :

Educational Institutions

- Veterinary or agricultural schools and universities, curriculum setting bodies

Private organisations

- Veterinary organisations other than educational, industry bodies, producers, service providers, consulting agencies and supply chain associations

Public bodies

- Government and other public agencies, research institutes, international organisations and non-governmental organisations

- Contact lists were provided by NEAT partners and all partners contributed to the distribution of the survey**
- 677 questionnaires sent:** 256 to educational institutions, 285 to private organizations and 136 to public bodies
- The link to the survey was also made available on the NEAT webpage
- The questionnaires comprised three sections: **1)** Respondent identification, **2)** Current teaching and training and **3)** Need of training today and in the future and related drivers of change

Results

- Usable sample of 264 surveys (among which 46 answered through the public website) → **39% response rate**
- Response rates for the different groups: 39% for educational institutions, 30% for private organisations and 57% for public bodies
- Data were retrieved anonymously and descriptive analyse were performed
- 50% of respondents considered economics a relevant topic and dedicated up to ¼ of their professional time to topics in this area
- Teaching or training in EAH offered by 1/3 of respondents' organisations mainly by educational institutions and the programme is generally based on general economic concepts

Results summary

- Education in EAH is **inconsistently offered and information on training opportunities are scarce**
- Education needs of **educational and public organisations** are related to **decisions on interventions and disease impact assessment**
- Needs of **private organisations** are more focused on the use of economics for **general management**
- The majority of respondents believed the **needs were going to increase in the future**

NEAT planned actions

- Produce** a book for undergraduates with basic concepts and cases that would combine theory and application
- Adopt** a practical approach of EAH teaching/training developments at undergraduate and postgraduate levels through the use of case studies
- Promote** the institutionalisation of EAH in the veterinary curricula by lobbying curriculum setting bodies

How you can get involved?

- Visit the project Website www.neat-network.eu
- Newsletter – subscribe on website
- Blog: subscribe and join the discussion
- Join us as a NEAT friend – send an email to hbennani@rvc.ac.uk
- Follow the annual meetings with open session

Project start: 1 October 2012.

Duration: 36 Months

Project coordinator: The Royal Veterinary College, UK

Contact: info@neat-network.eu

Funding programme: Lifelong Learning Programme

Ethical approval of the questionnaires: **URN 2013 0080H**



Lifelong
Learning
Programme

Acknowledgments

This project has been funded with support from the European Commission. This publication reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.