

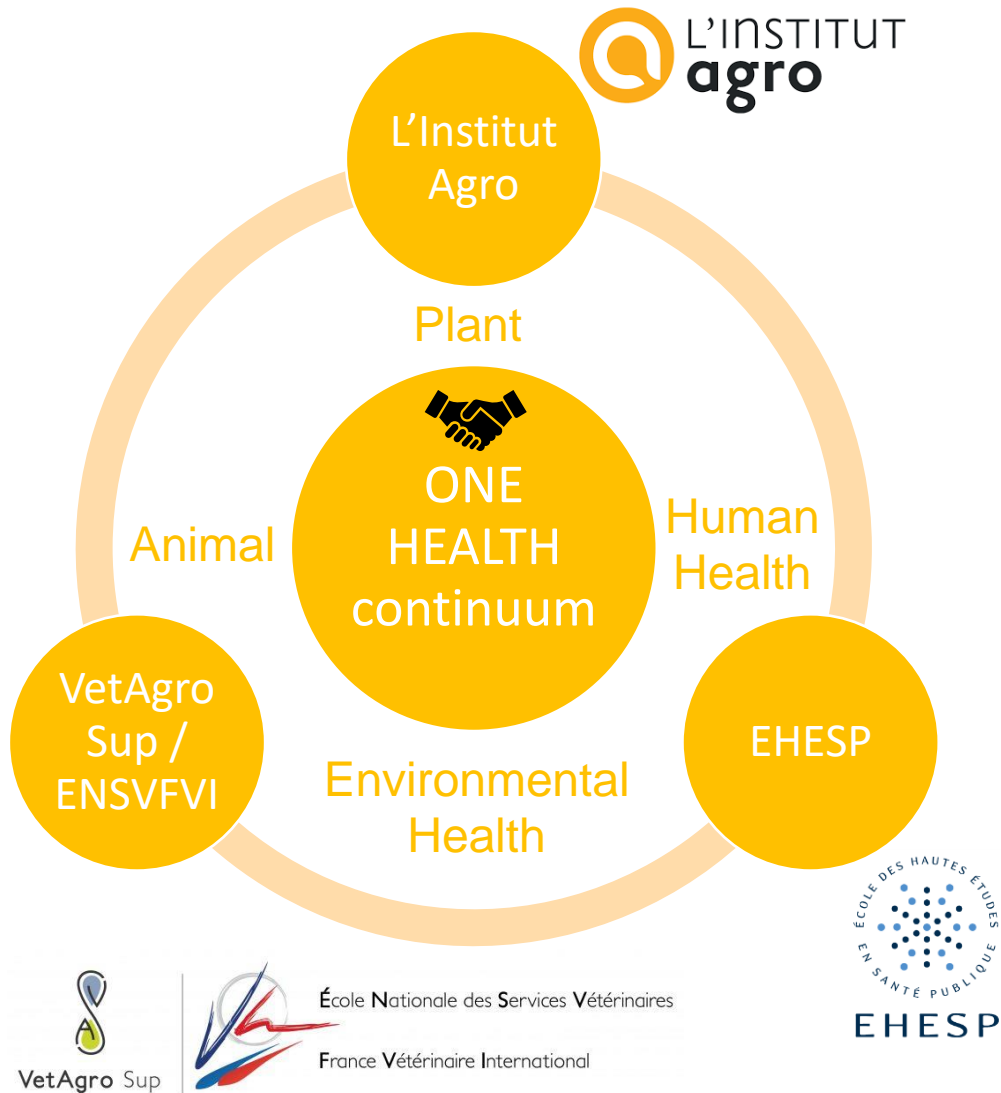
The **One Health** integrated approach from the standpoint of **Agriculture practices and Food systems** :

Challenges for education and training in France

ICA Forum, 19 and 20th of October 2023

Dr. Alessia Lefebure, Dean of L'Institut Agro Rennes-Angers

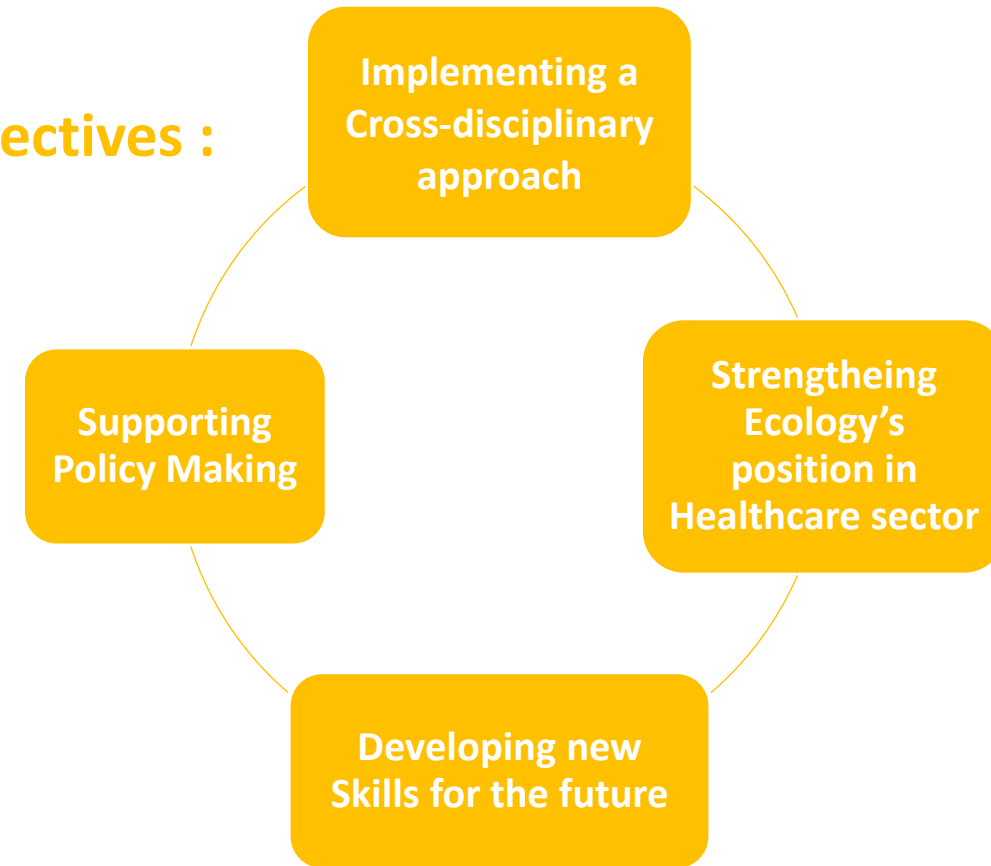
FIRST JOINT PROGRAMME IN FRANCE (2022)



3 JOINT PROJECTS :

- **Executive Education Programme : « One Health in practice »**
- **Certificate « One Health and water »**
- **Fresco « One Health » (ENSV)**

Long-term objectives :



« One Health in practice »
(100 hours) : **COMPETENCES**



100 hours of face-to-face training - 3 weeks, 3 cities (Lyon, Lempdes and Rennes)



Submission of an article



Cohort : 20 trainees

« Implementing One Health - Approaches, Territories and Measures »

Identify actors and institutions

Detect and understand issues and concepts related to OH

Initiate a reflexive analysis of these international watchwords

Apply on the ground and in day-to-day management activities

« Health Ecology »

Enrich professional practices through multiple inputs (Fields, Methodologies, Sources...) and variables (Ecology, Healthcare, Social, Urban)

Analyse several Case studies to renew Health management in France

« Dissemination and professional hybridisation »

Gather professionals from distinct and often separated worlds (Ecology, Animal Health, Agriculture, Agri-food, Human Health, Politics and the private sector) around the theme of Health.

CERTIFICATE (30 hours) :

PROGRAMME

Definition and issues

Introductory lecture on One Health

One Health fresco, including a case study on water, workshops and role-playing games.

Discussion on Public Health and pollution: hydrogeology, hydrology, transport of polluting products, etc.

Water and One Health

Workshops on water issues /
Water and chemical pollutants
Water, biodiversity and micro-organisms

Water and Territories
Water, Landscape and Health

Round table discussions and conclusion meetings

Solutions and innovations

Detection: Degradation of water quality ; chemical pollution (pesticides, drug residues, micro-organisms) ; new tools, bio-indication or bio-monitoring

Treatments : The role of micro-organisms

Water resources protection

Study trip

Study trip to Parc de Miribel Jonage on the outskirts of Lyon for a case study:

- Water supply and health issues
- Preserving biodiversity : challenges
- Economic issues : tourism, industry, agriculture



**Thank you for your
attention**

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