

2020 International Forum on Animal Welfare and Public Health

2020动物福利与公众健康国际论坛

Animal Welfare: Fundamental to One Health

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Federation of Veterinarians of Europe



Host Organization: China Association for the Promotion of International Agricultural Cooperation
Organizer: International Cooperation Committee of Animal Welfare

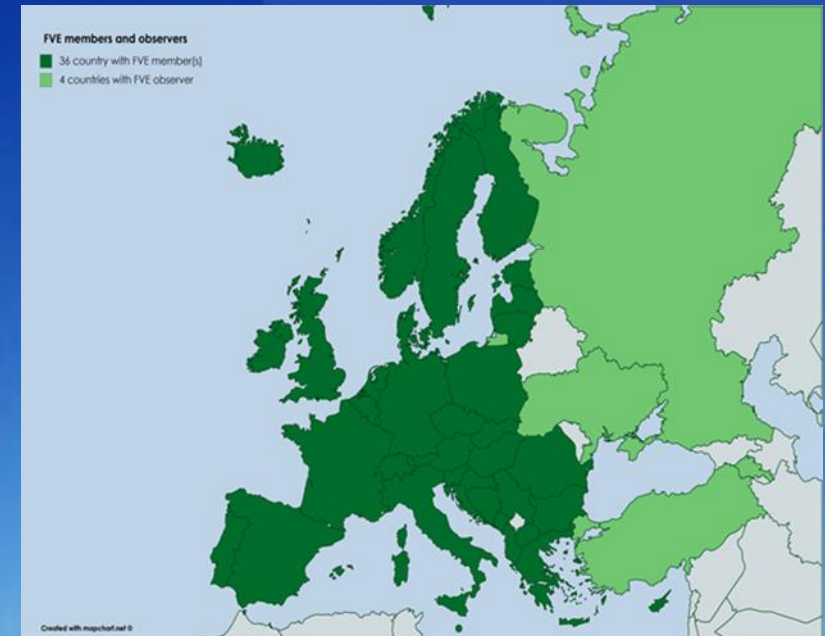


Federation of Veterinarians of Europe



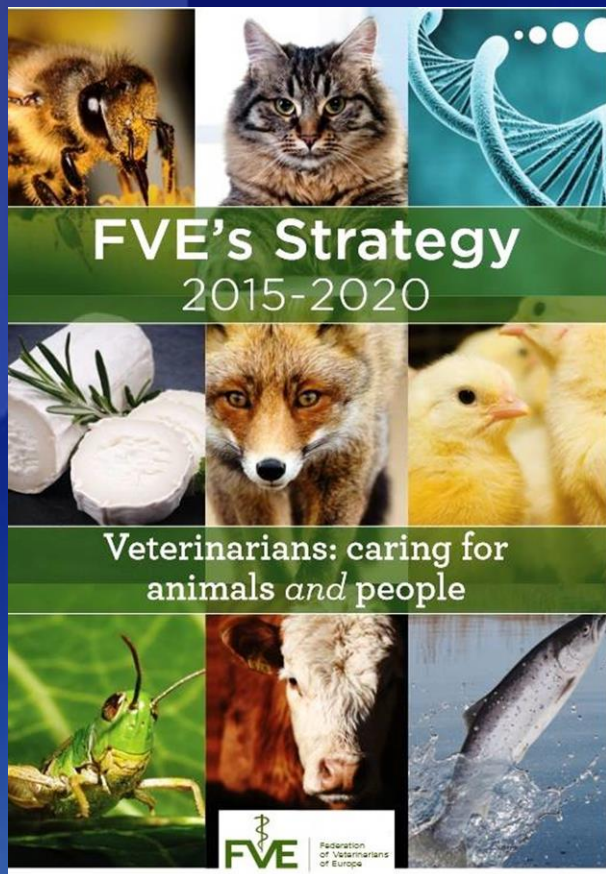
**FVE: Federation of national,
veterinary professional organisations**

**300 000 veterinarians
In 39 European Countries**



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FVE's mission

... to enhance animal health, welfare, public health and the protection of the environment by promoting the veterinary profession.

ONE HEALTH

FVE aims to support veterinarians in delivering their professional responsibilities to the best possible standard, and to assure that this expertise is recognized and valued by society.

ONE HEALTH

human health and animal health are interdependent and bound to the health of the ecosystems



60%

of existing human infectious diseases are zoonotic



At least 75%

of emerging infectious diseases of humans (including Ebola, HIV, and influenza) have an animal origin



5

new human diseases appear every year. Three are of animal origin



80%

of agents with potential bioterrorist use are zoonotic pathogens

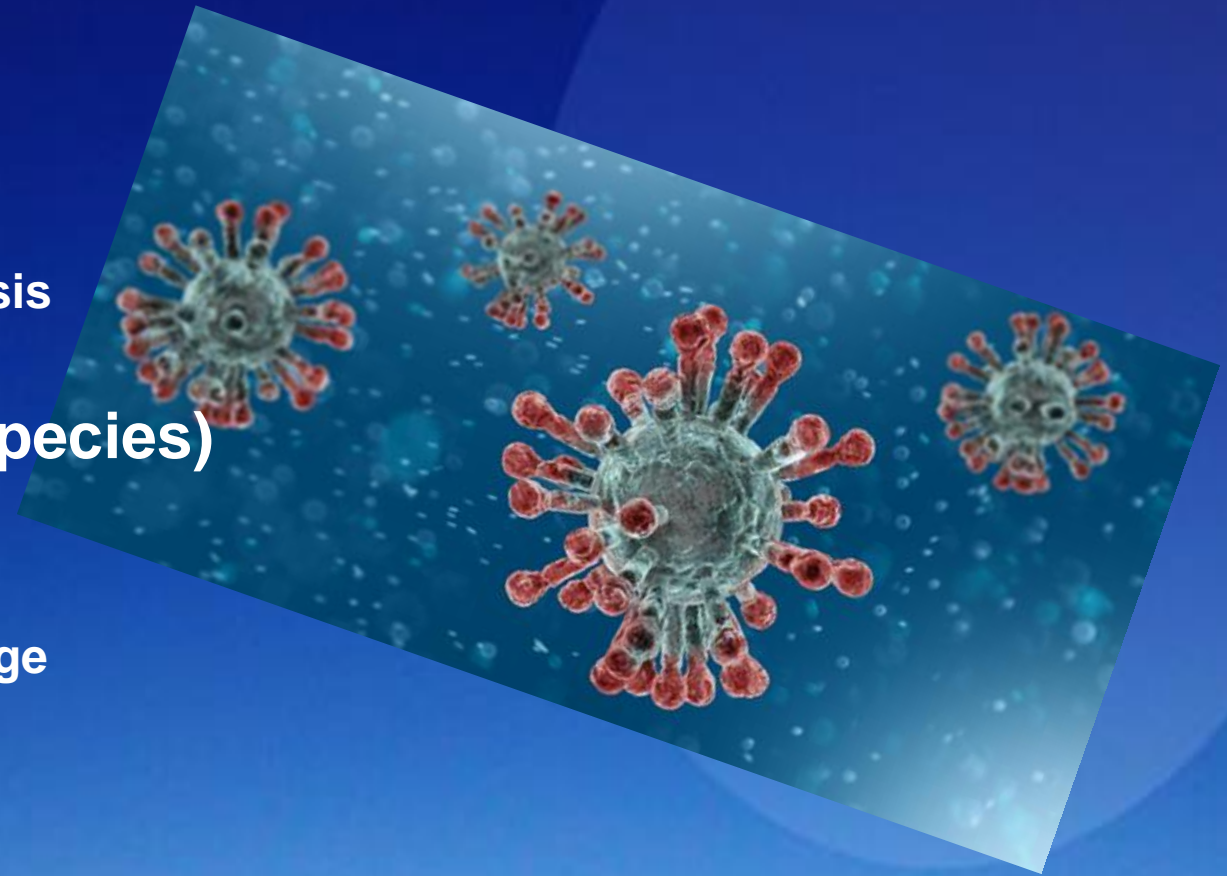


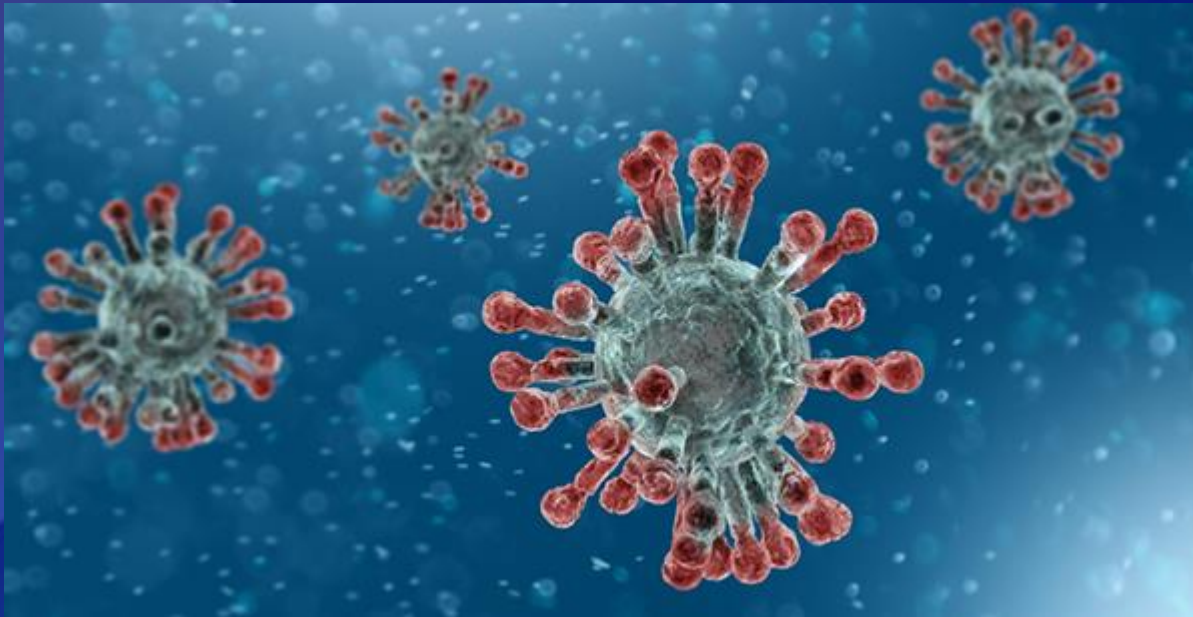
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Examples of ONE HEALTH issues:

- **Zoonotic diseases**
Anthropozoonosis & zoonothroponosis
- **Pathogen spill over (new host species)**
- **Many vector borne diseases**
N.B. change of habitat / climate change
- **Food and water borne diseases**
- **Antimicrobial resistance**
Spread of resistant strains / resistance genes





COVID-19 emphasizes the importance of **ONE HEALTH**

To tackle challenges like the current pandemic effectively, a structural One Health approach, cross-sectoral and trans-disciplinary, is crucial.

We must look beyond the immediate health of animals and people, and consider the larger picture of the interconnected health of people, animals and ecosystems, lying under single issues. What conditions allow One Health issues to emerge?

What makes this larger picture?

Important pieces of the puzzle: the way people and animals live together

- Encroachment of human populations into wildlife ecosystems,
- Areas densely populated with people and livestock,
- Deforestation,
- Wet markets,
- Bushmeat,
- Long-distance transport of living animals,
- Massive international movements of people,
- And....



- **The conditions under which animals are kept have an impact on**
 - **Resilience of animals and populations**
 - **Resistance against diseases**

Over the last decades, enormous progress is made in the efficiency of animal production!!

At the same time, less attention was given to the needs of the animals.

We must adapt animal husbandry systems to the needs of the animals, in stead of trying to adapt animals to the needs of the husbandry system.

Good Animal Welfare



Healthier Animals

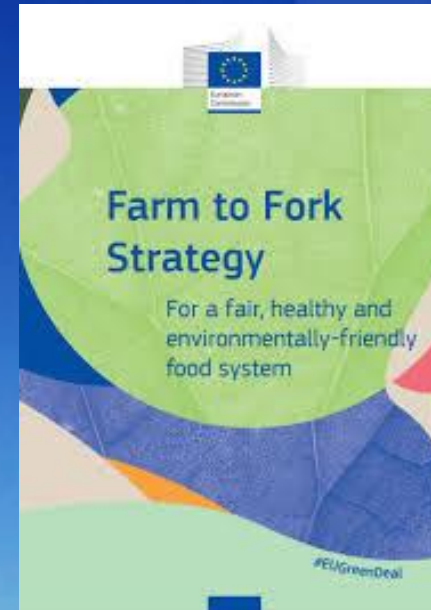


Better Public Health



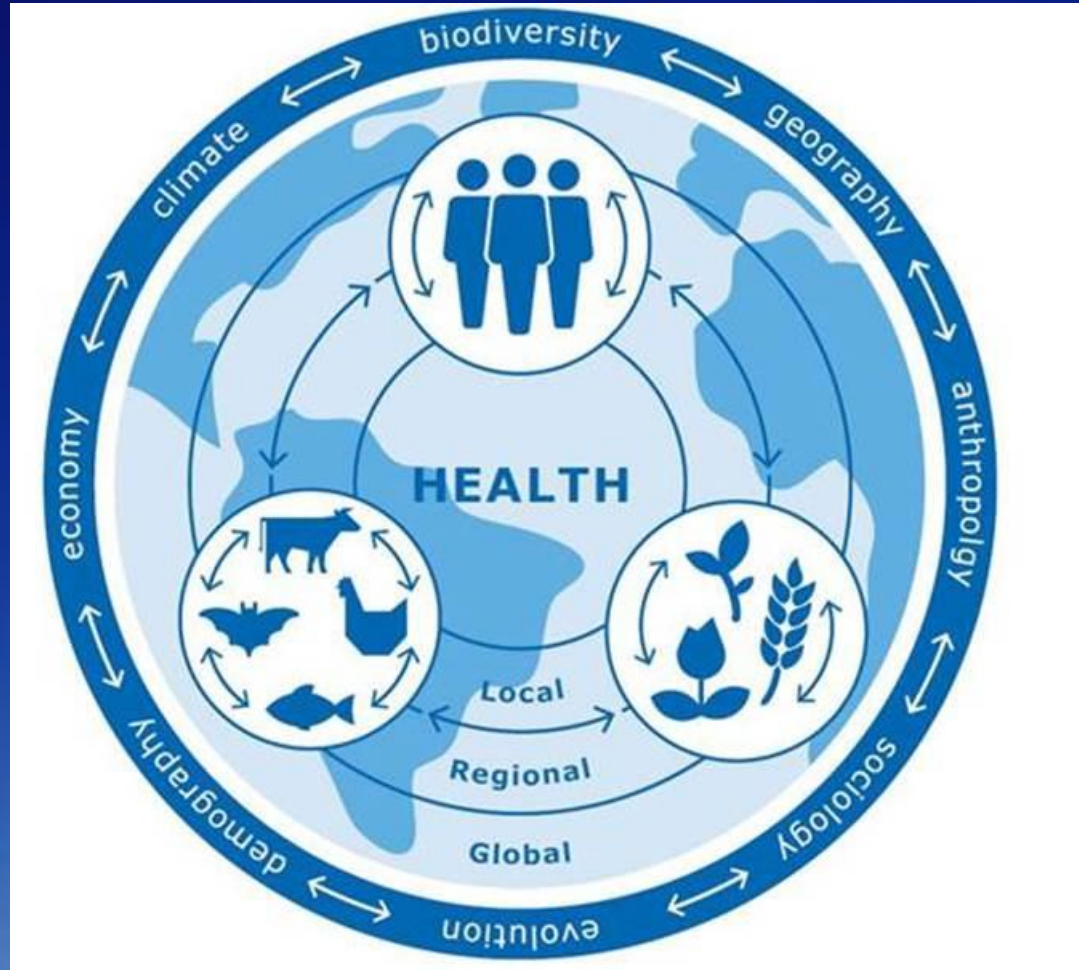
EU Green deal

- Ambitious plan to make the EU more sustainable
 - Climate-neutral: zero green house gas emissions by 2050
 - Circular economy
 - Zero pollution
 - Maintaining ecosystems and biodiversity
 - ... etc.



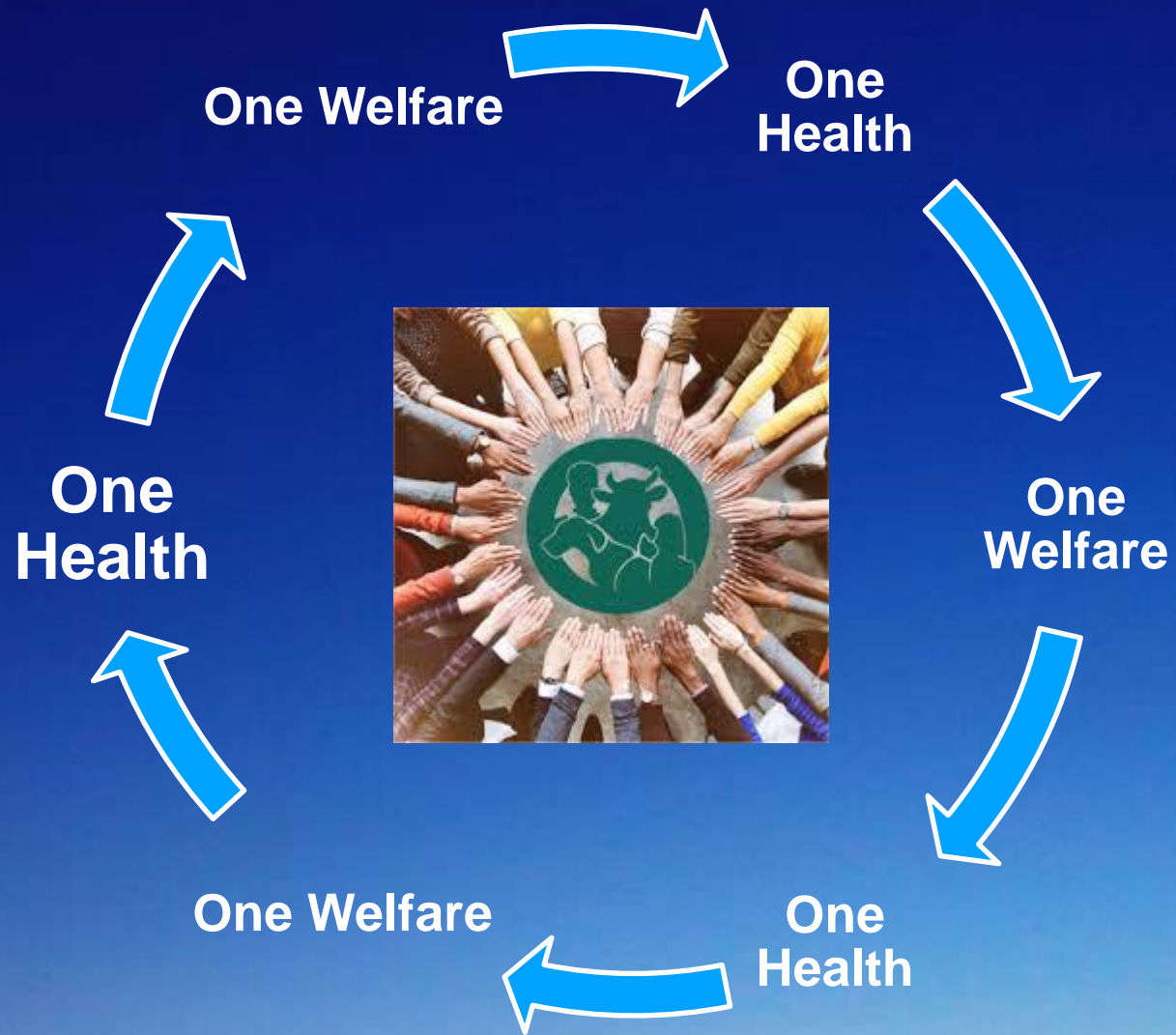


- Improved animal welfare
- More robust animal health
- Less usage of antimicrobials (-50%)
- Less antimicrobial resistance
- Better Public Health Assurance



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谢谢聆听 *Thank You!*



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