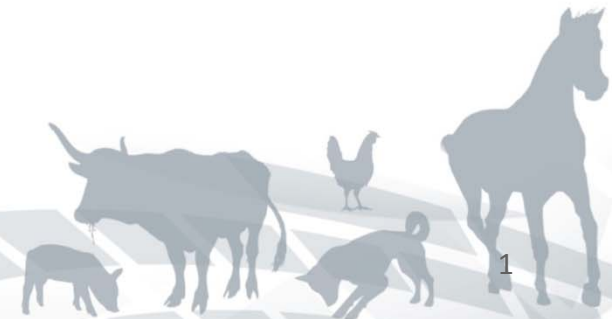




ISTITUTO G. CAPORALE  
TERAMO

# Istituto "G. Caporale"





ISTITUTO G. CAPORALE  
TERAMO



# We are here



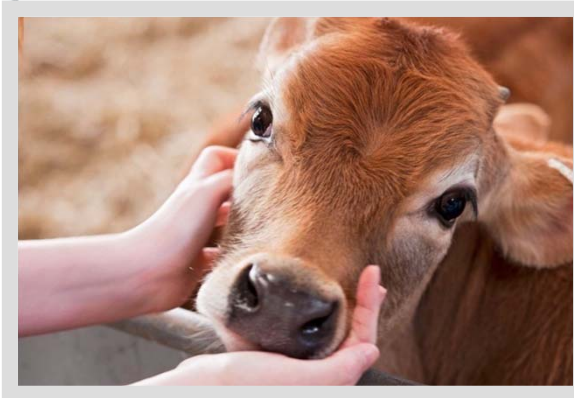


# About us

- Istituto “G. Caporale” is a **public health Institution**, founded in 1941, belonging to the National Public Health Service
- The Institute is a **technical-scientific body** of the Ministry of Health and Regions
- About **400 people** are currently working at the Institute (veterinarians, biologists, chemists, statisticians, mathematicians, engineers, computer scientists, technicians, clerks, administrative staff)



# Mission



- **To protect human health,** satisfying the need of the Italian Health System and of citizens, for public health, expressed in food safety, breeding health, animal welfare, prevention of zoonoses, support to food productions





ISTITUTO G. CAPORALE  
TERAMO



# Fields of activities



Animal Health and  
welfare



Food safety



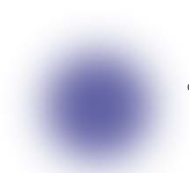
Health and  
environment



Epidemiological  
surveillance



Information systems  
and animal identification  
& registration



Training





# Main Tasks

- **Research** on etiology and pathogenesis of infectious and communicable diseases of animals;
- **research** in the framework of breeding hygiene and animal productions;
- **microbiological and chemical laboratory tests** for the diagnosis of animal diseases, including zoonoses, for microbiological and chemical safety of animal foodstuff, food of animal origin for human consumption and safeguard of sea and terrestrial ecosystem;





# Main Tasks

- **epidemiological surveillance** on animal health, animal production and food safety;
- **production** of vaccines, reagents and immunological products for animal diseases prevention and diagnosis;
- **support, assistance and sanitary information** to breeders for the control and eradication of infectious diseases and the development and improvement of animal productions;





# Main Tasks

- **training** of professional and technical operators in animal health, public health and animal production;
- **international co-operation**;
- management of data processing and monitoring systems;
- **environment** and **animals** preserving and protection.







ISTITUTO G. CAPORALE  
TERAMO



# OIE acknowledgements

- OIE collaborating centre for Veterinary Training, Epidemiology, Food Safety and Animal Welfare
- OIE Reference Laboratory for
  - Bluetongue
  - Contagious Bovine Pleuro-Pneumonia
  - Brucellosis
  - West Nile Disease



OIE



# National reference centres

- **National reference centre for:**
  - exotic animal diseases
  - epidemiology and risk analysis
  - brucellosis
- **National reference laboratory for:**
  - Listeriosis
  - Campylobacteriosis
  - PCB and dioxine
- **National center for Animal Identification and recording**





# International activities

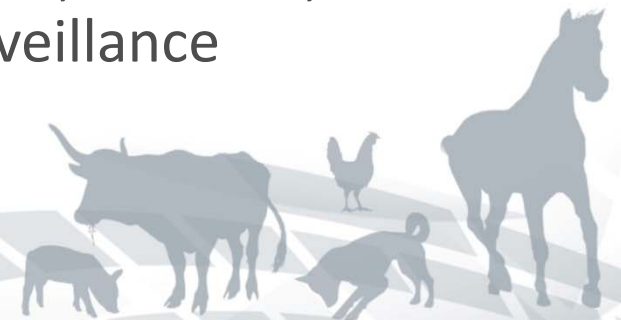
- The Institute is leading the OIE Bluetongue Reference Laboratories Network.
- The Director of the Institute is President of the OIE Biological Standards Commission.
- Many veterinary officers of the Institute are involved in several OIE *ad hoc* groups, namely:
  - Emerging zoonoses;
  - West Nile Disease;
  - Epidemiology;
  - Contagious bovine pleuropneumonia;
  - Control of stray dog population;
  - Climatic change.





# International activities

- Since 2007 the Institute is one of the training providers of the European Commission, within the “Better training for safer food” program. Courses have been and/or are being provided in:
  - Animal welfare
  - Food of non animal origin
  - Zoonoses and microbiological criteria
  - Best practices in veterinary checks at border inspection posts
- The Institute is contracted by the European Commission to manage the EU system for the collection, retrieval, and management of relevant Bluetongue surveillance information.





# Research

- The Institute research is funded by the Italian Government, the European Union as well as other international sources.
- Research is based on the following strategic lines:
  - Surveillance methods in veterinary public health, in particular zoonosis, antimicrobial resistance and risk analysis in production and consumption of food of animal origin;
  - New methods for the diagnosis of animal diseases and food of animal origin analysis;
  - Production of vaccines, new generation immune-stimulants and diagnostic kits;





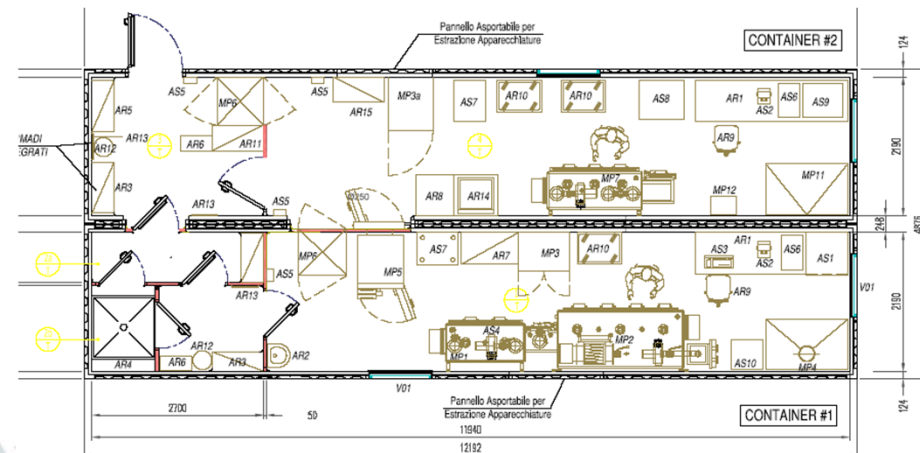
# Research

- Research is based on the following strategic lines:
  - Accreditation and certification of laboratories and veterinary public health services, including information systems for the management of emergencies and prophylaxis campaigns.
  - New methods for environmental control to protect human, fish and other wild animals.
  - Animal welfare.



# Movable laboratory

- A movable laboratory equipped for high biocontainment (BSL-4) is available since June 2010. It is the only one available in Italy today, for veterinary purposes.





# Total quality management

- Since 1995 the Institute is accredited according to EN 17025
- Since 2004, Training Services of the Institute are acknowledged to be conform to ISO 9001:2008 norm







# How we achieve the international cooperation goal

- European projects
- OIE twinning
- Collaboration agreements with others Institutions
- Research funds
- Institute direct engagement

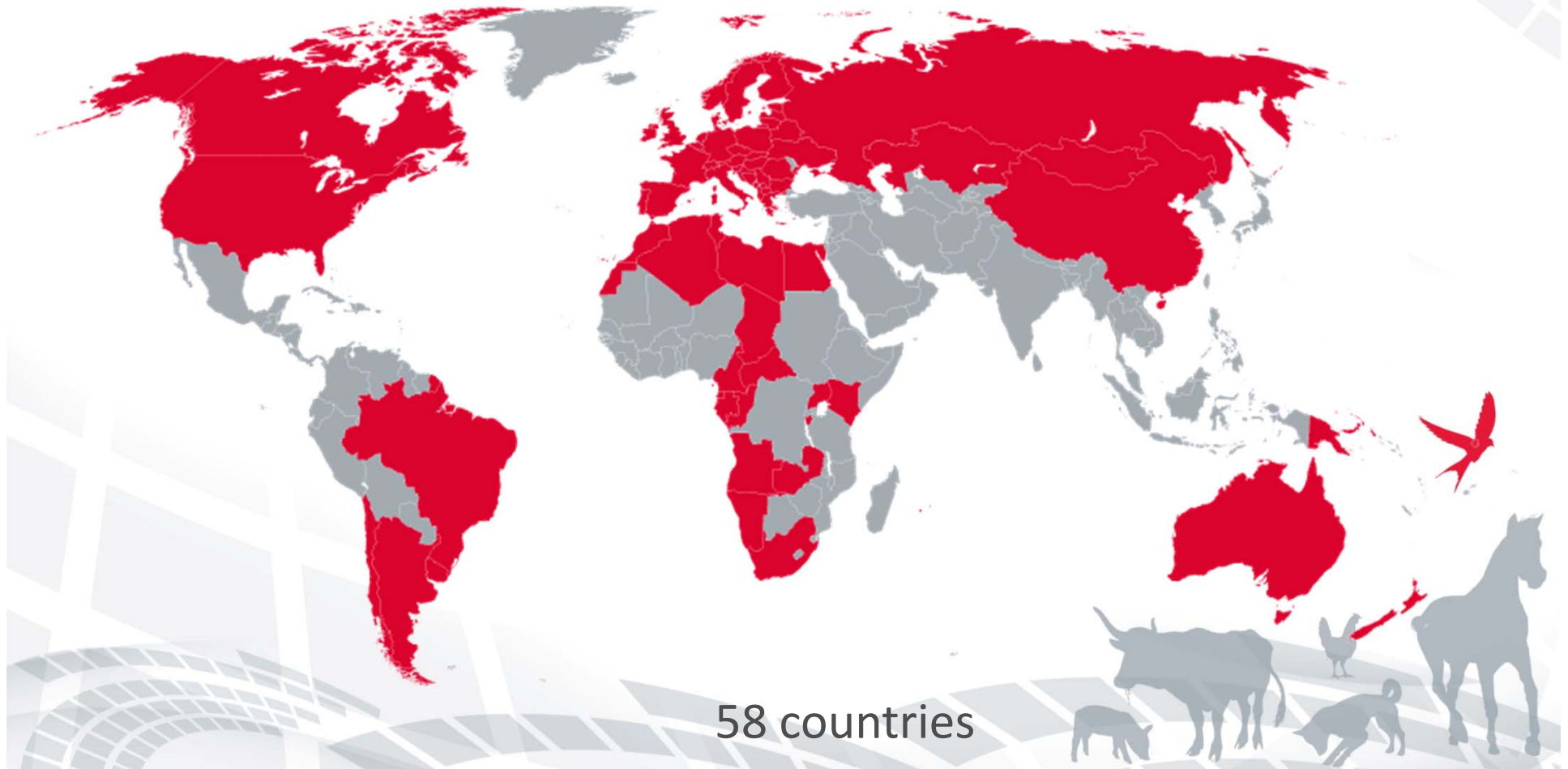




ISTITUTO G. CAPORALE  
TERAMO

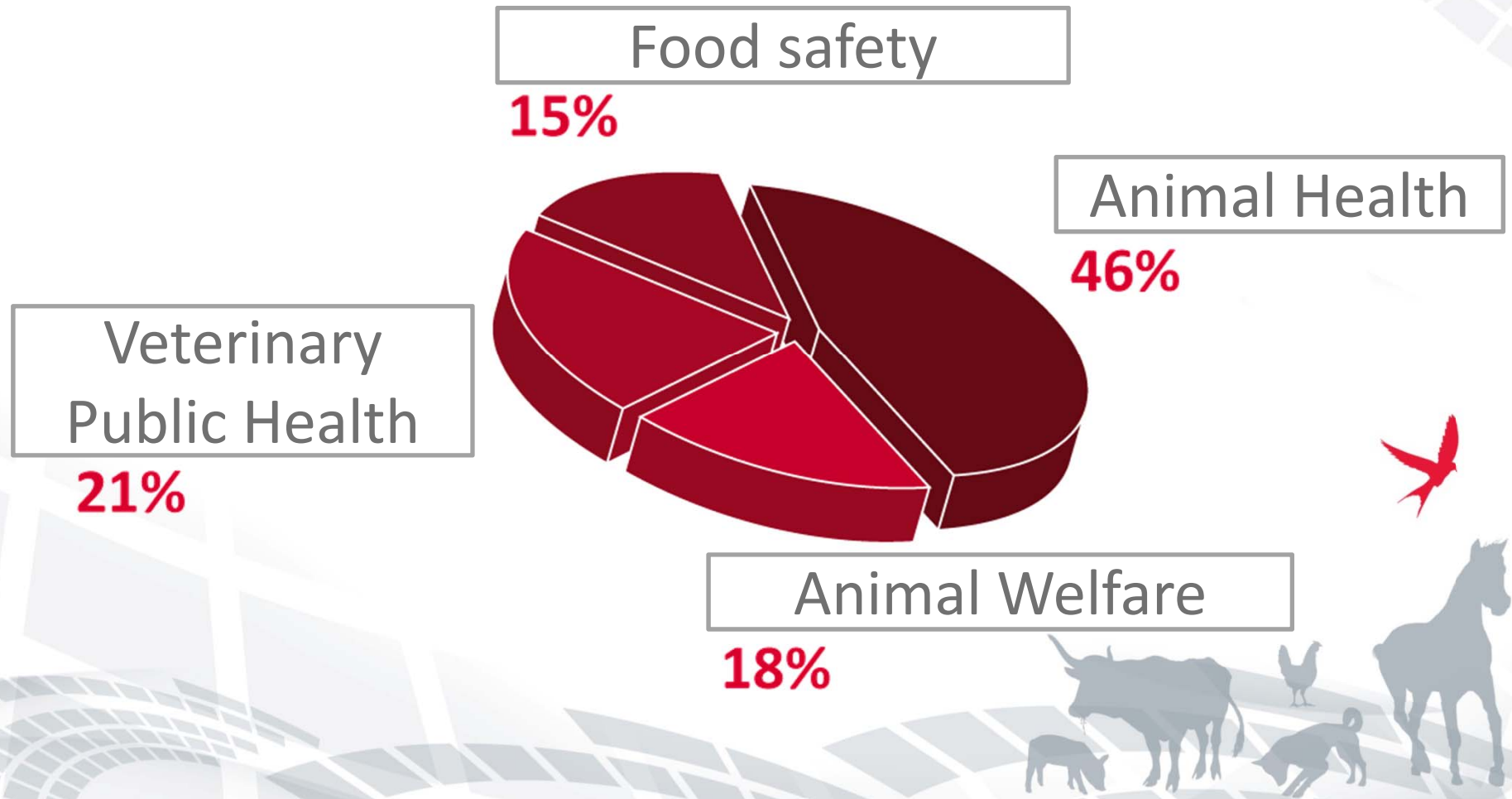


# International cooperation





# International cooperation projects and fields of activity





# Funding for international projects

EU FP

EuropeAid

INTERREG

Twinning OIE

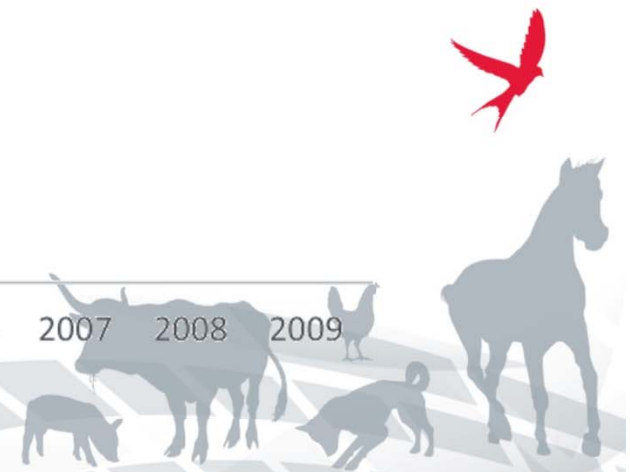
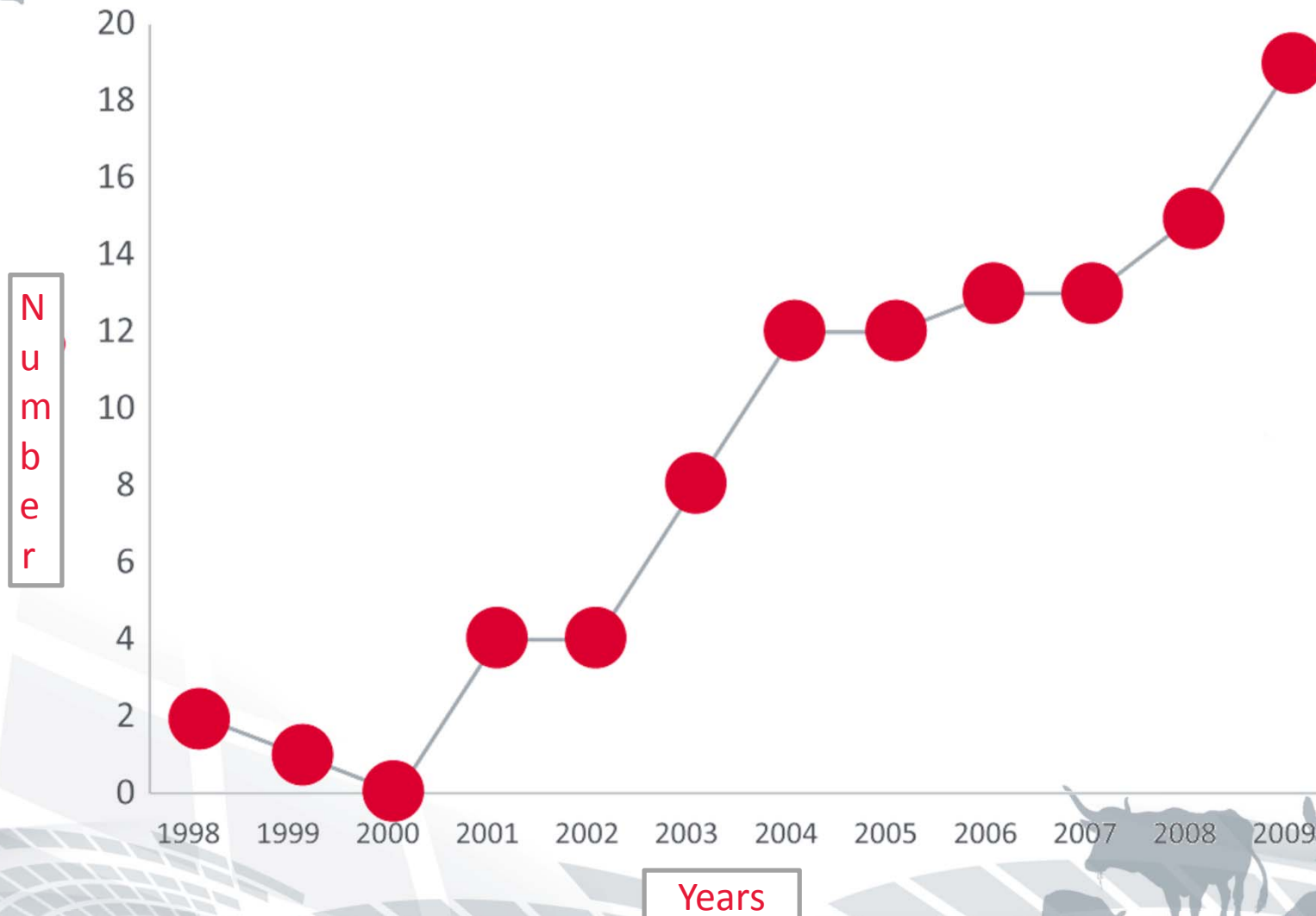
DG SANCO

Bilateral  
cooperation

EFSA



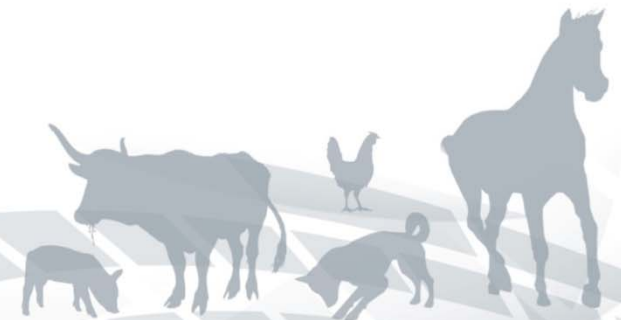
# International cooperation projects: trend





# Our strategy

- **Twinning** with other laboratories implies a collaboration made of mutual advantage, privileging working together. Collaboration activities are developed on **real expressed needs** of developing countries.
- Relationships are maintained and enhanced even after the project conclusion, in the effort of implementing a **permanent constructive and positive collaboration**.
- Problems are managed at regional level and not at local/individual level, through the implementation of **collaborative networks**.

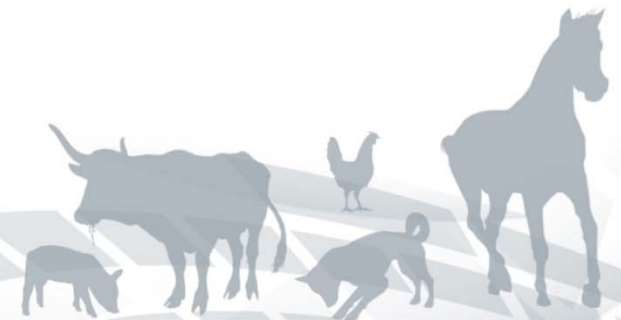


# Why?

- Globalisation and increase of trade flows: higher exposition to new emerging health hazards



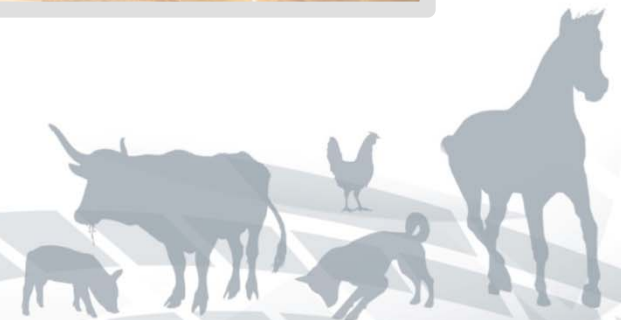
- True prevention is investing in human resources (training), improvement of diagnostic and prevention tools, aiming at strenghtening competent authorities





ISTITUTO G. CAPORALE  
TERAMO

# Sub-regional Representation of OIE for Northern Africa, Tunis



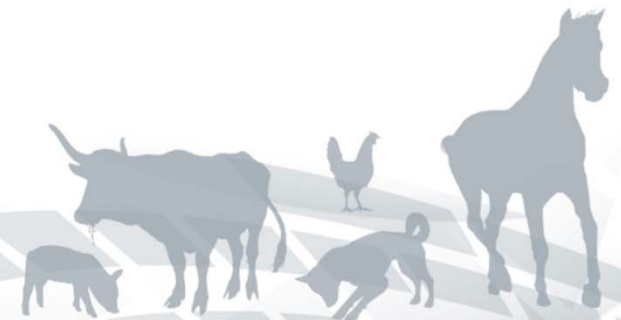




# International Centre for Veterinary Training and Information



- Built thanks to a European project
- in partnership with Croazia, Serbia Montenegro, Albania, Bosnia Erzegovina, OIE
- with the purpose of working as a collector of ideas, a cathalyst of information, a knowledge production centre





# International Centre for Veterinary Training and Information



• Teramo



• Torre di Cerrano

