

OIE Twinning Projects
Parent Laboratory Benefits
The Teramo Institute experience
Rossella Lelli 30 31 March 2011 OIE Paris



The OIE concept of Twinning Laboratories

- *The most effective way to avoid, control and respond to animal diseases is to ensure good veterinary governance in MC*
- *Strategic for OIE to develop a world wide veterinary system with an adequate capacity to respond to animal diseases and food safety challenges*
- *The Twinning is one instrument amongst others, to empower laboratories of a “in-transition or developing Country” to become a Reference laboratory or a Collaborating Center of the OIE*

The OIE concept of Twinning Laboratories

But..... in our experience, the Twinning is a good instrument also to improve the competence of the “so called” Parent Lab!



Why?





ISTITUTO G. CAPORALE
TERAMO

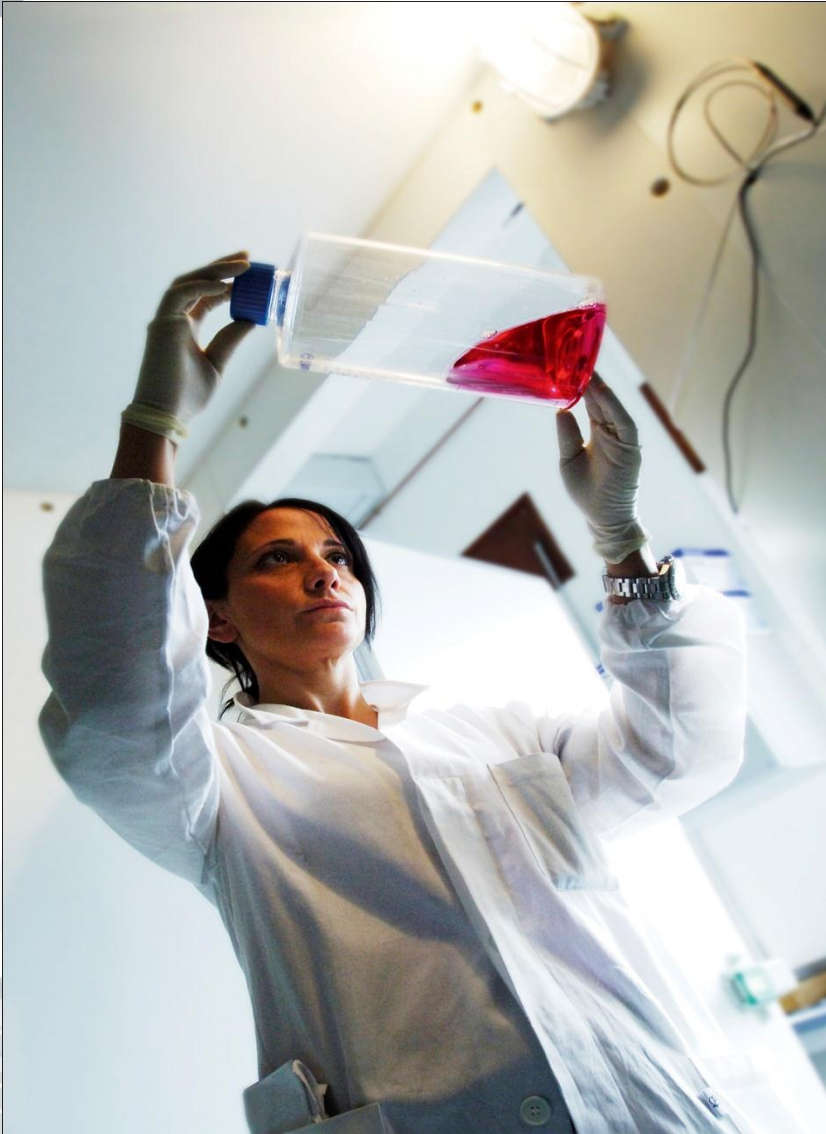
The OIE Twinnings carried out in Teramo, Abruzzo, Italia

- ***Botswana : CBPP - June 2008***
- ***Cuba : CBPP and Epidemiology – July 2008***
- ***Eritrea : Brucellosis – September 2008***
- ***Tunisia : BT – October 2010***
- ***Namibia: Food safety – November 2010***
- ***Tunisia : Food safety – January 2011***



OIE Twinning: Benefits for a Parent Laboratory

*Training initiatives
to improve the
skill of the
Parent
Laboratory
personnel*



OIE Twinning: Benefits for a Parent Laboratory

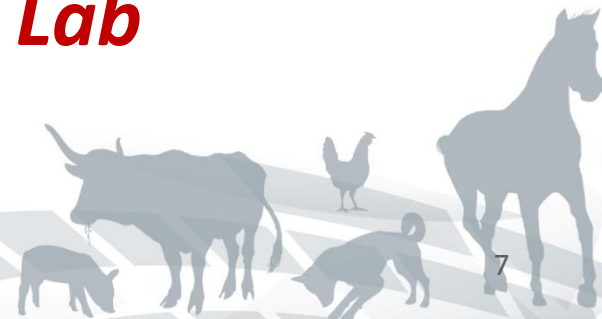
Need of human resources: Necessity to improve knowledge all over the personnel and not only in privileged ones



OIE Twinning: Benefits for a Parent Laboratory



Possibility to improve the knowledge of the disease, especially if the disease is not present in the Parent's Lab but it is present in the Candidate Lab



OIE Twinning: Benefits for a Parent Laboratory

*Possibility to study
and apply
diagnostic and
epidemiological
methodologies in
«different areas»
and in less
“sophisticated”
conditions*



OIE Twinning: Benefits for a Parent Laboratory



**Possibility to better
understand, *in
situ*, health
priorities and
diagnostic/
epidemiological
needs of an
in-transition or
developing
Country**



OIE Twinning: Benefits for a Parent Laboratory

***Going to the Candidate Lab Country, the
consequence is:***

***Improvement of capability of the personnel
involved - particularly junior scientists - to
work, either in the field or in the Lab, in less
than ideal situations and learn to solve
problems***



OIE Twinning: Benefits for a Parent Laboratory

***Going to the Candidate Lab Country, the
consequence is:***

***Improvement of the personnel - particularly
junior scientists - skill in epidemiology,
diagnosis, and, very important, control of
diseases for which they have sometimes little
if any direct experience***



OIE Twinning: Benefits for a Parent Laboratory

***Going to the Candidate Lab Country, the
consequence is:***

***Improvement of the personnel - particularly
junior scientists skill in acquiring new
experiences in an autonomous way, talking
with professional people, looking for
outbreaks, materials and information***



OIE Twinning: Benefits for a Parent Laboratory

***Going to the Candidate Lab Country, the
consequence is:***

***Improvement of the personnel skill in culture
and sensitivity in interacting with different
behaviours, traditions, populations, in
completely different socio-political-cultural
scenarios.***



OIE Twinning: Benefits for a Parent Laboratory



In order to achieve these goals it's crucial to know the «Candidate» Country history, and also to improve the capacity of communication, to build Trust and Transparency

OIE Twinning: Benefits for a Parent Laboratory

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the «Candidate» Country history, and also to
improve the capacity of communication*

OIE Twinning: Benefits for a Parent Laboratory

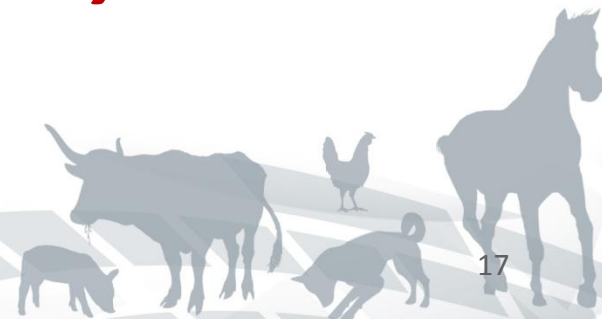
***Trust and
Trasparenzy:
Of paramount
importance to
work togheter,
to collect, to
share, to utilise
biological
material in an
ethical way***



OIE Twinning: Benefits for a Parent Laboratory

and

- *Possibility to carry out experimental activities on laboratory animals or to carry out animal testing due to the fact that some diseases are not exotic in the candidate Country*



OIE Twinning: Benefits for a Parent Laboratory

Positive analysis cost- benefit, for the Parent Lab, to carry out experiments in Countries where working conditions have less constraints due to the presence of the disease and less demanding structural constraints as well as fewer restrictions in working with the agent with consequent considerable saving of monetary resources

OIE Twinning: Benefits for a Parent Laboratory



***Additionally:
Opportunity for
definition of
collaboration beside
the Twinning***



OIE Twinning: Benefits for a Parent Laboratory

- *Publication of scientific papers reporting data arising from the Twinning Project.*

and

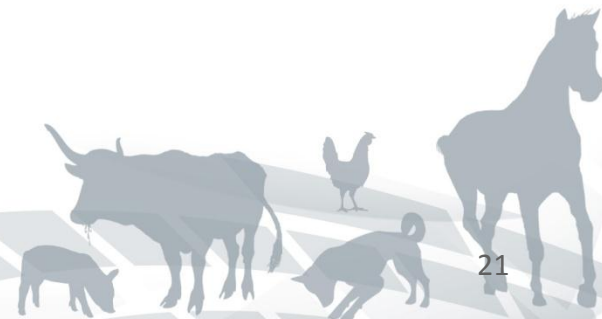
- *Publication of scientific papers reporting data concerning other activities carried out during the period of the Project.*



OIE Twinning: Benefits for a Parent Laboratory

And, very important.....

- *Critical analysis of the Parent Laboratory weaknesses (eg. languages knowledge)*



OIE Twinning: Benefits for a Parent Laboratory



- eLearning English course delivered by Istituto 'G. Caporale' devoted to hits personnel***



OIE Twinning: Benefits for a Parent Laboratory

.....and, last but not least:

✓ *new friends.....*

✓ *sun, sea, exotic beaches, sunsets.....*



OIE Twinning: Benefits for a Parent Laboratory

*The need of a long term Collaborative Liaison
between Southern and Northern Laboratories
is the natural consequence of an OIE Twinning
Project*



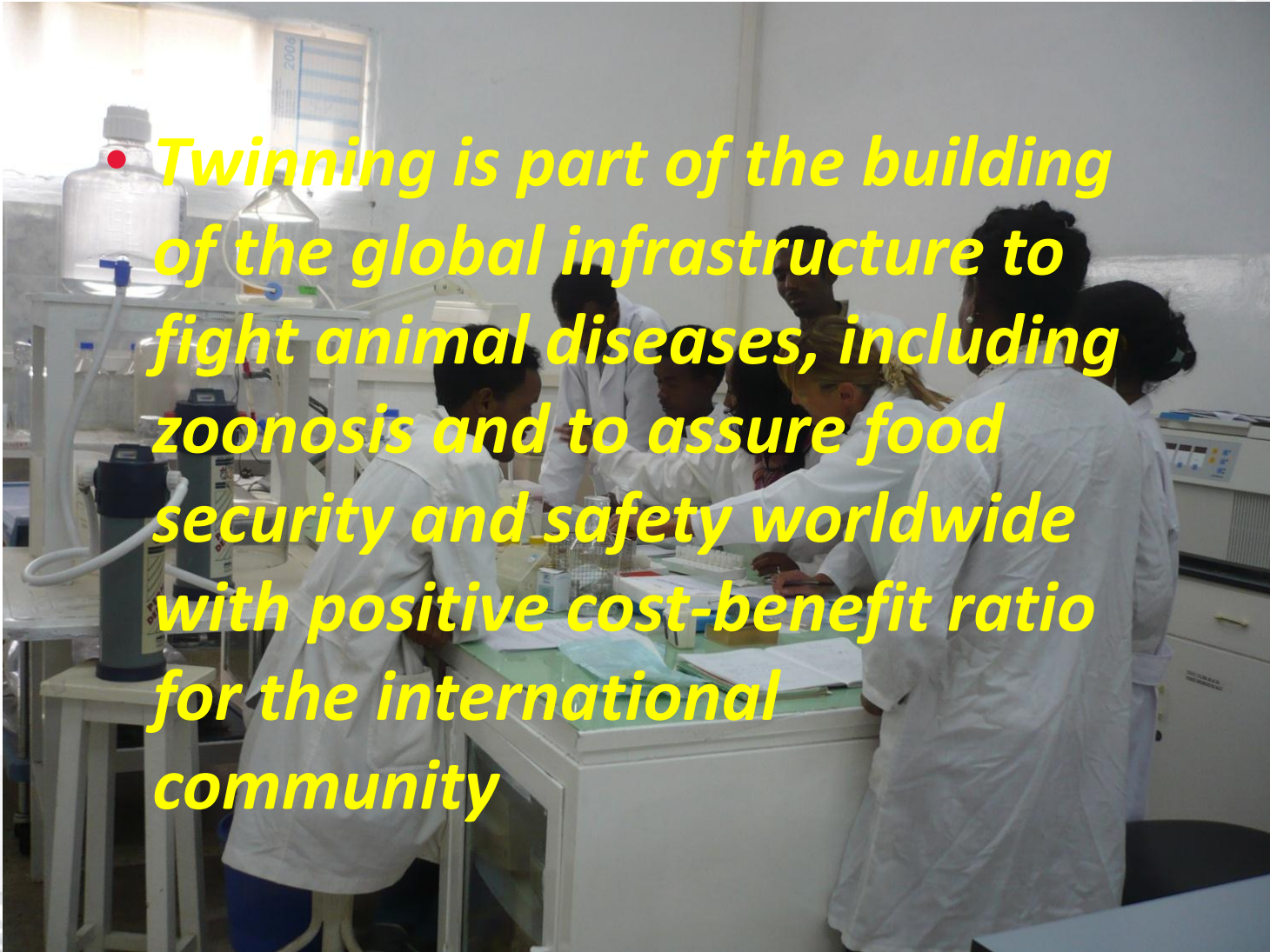
In conclusions

- ***For the OIE Reference Lab: improvement of the compliance with the OIE mandate***
- ***For the Parent Lab and the Candidate Lab: Mutual scientific, technical and cultural improvement***





• *Twining is part of the building of the global infrastructure to fight animal diseases, including zoonosis and to assure food security and safety worldwide with positive cost-benefit ratio for the international community*



A group of 15 people, including men and women of various ages and ethnicities, are standing behind a long table covered with a light green cloth. The table is set with several trays of food, including pastries and bread, and a large bouquet of white tulips and baby's breath. The room has a vaulted ceiling with exposed stone and wooden beams, and the walls are a warm yellow color. The text "THANK YOU FOR YOUR ATTENTION!" is overlaid in large, colorful, outlined letters across the bottom half of the image.

**THANK YOU FOR
YOUR ATTENTION!**