



# **92<sup>nd</sup> Executive Committee meeting of the EuFMD**

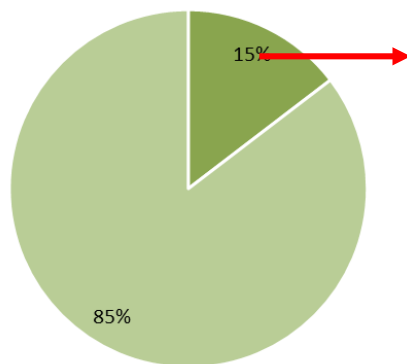
## **Item: Component 1.1**

### **Training for Member States**

**Author: Malin Grant and Jenny Maud**

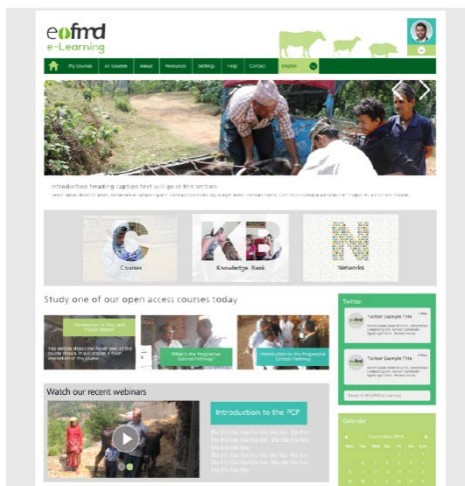


# Training infrastructure: e-learning site and knowledge bank



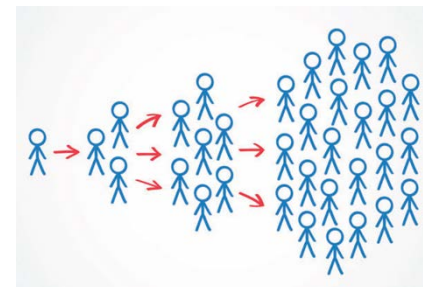
**1.1.1:** System in place to enable every member state **to cascade appropriate training** and learning on FMD control to their public and private animal health services supported by infrastructure for learning and knowledge transfer in place, including **e-learning, training resources and staff support**.

- Upgraded e-learning site with **three open access courses**, improved **access to networks** and webinar recordings to launch alongside EuFMD Open Session.
- Knowledge Bank**- online database of training resources, webinar recordings, job aids, external resources, to launch at EuFMD Open Session.





# Providing tools for national training

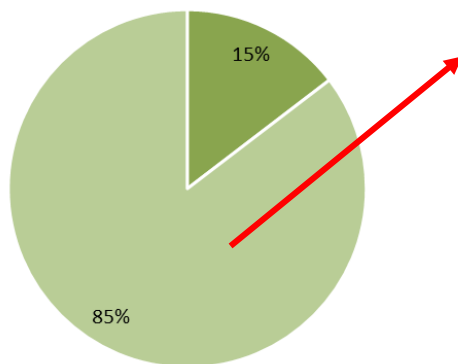


- Real Time Training: new focus and **formal requirement for cascade training**. Training session for cascade introduced in Kenya.
- **Pilot in-country training held in Italy** guiding with EuFMD “**training toolbox**” of materials
- Experiences of use of EuFMD materials in national training (Italy, Germany, Ireland) will be shared with training focal points in a webinar in October.



# Delivery of training courses:

**1.1.2:** Improved capacity in each of the MS to recognize, respond to and manage FMD through **provision of a demand driven training programme** supplied in response to MS priorities for training in areas of prevention, detection, and contingency planning for control operations and recovery.



## Courses conducted to date:

- 7 e-learning courses
- Real Time Training in Kenya
- Workshop “Managing a Crisis”

Plus: Real Time Training for Germany under the Training Credits “top-up” scheme



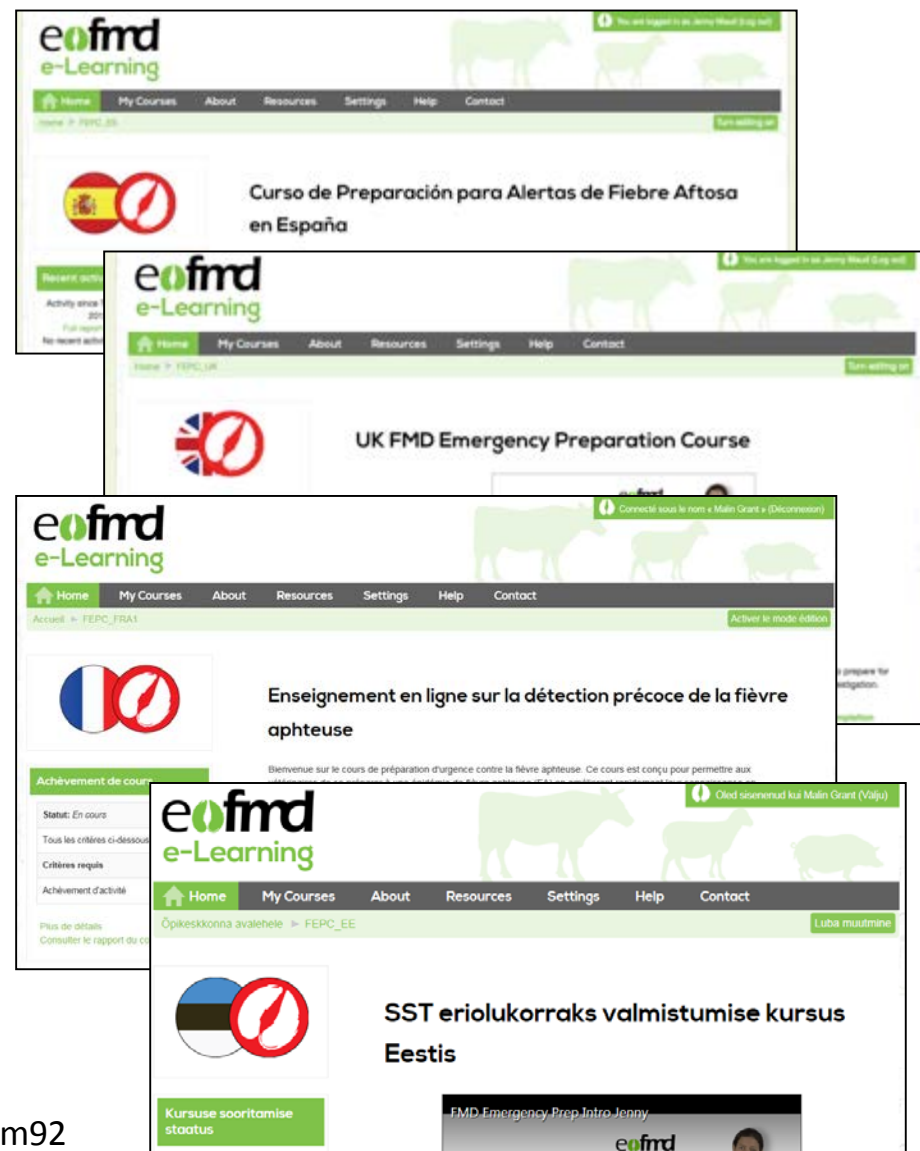
# Online FMD Emergency Preparation Course

Over 900 people enrolled on online FMD Emergency Preparation Courses so far in phase IV.

Courses delivered in English for combination of MS or **tailored** so far for:

- United Kingdom
- France
- Spain
- Estonia

**National tailored courses particularly well received.**







# Workshop “Managing a Crisis”

## 13-16 September Budapest, Hungary

16 Participants from 14 Member States

### Topics:

- Comprehensive preparedness planning
- Stakeholder collaboration
- Emergency Management
- Communication planning
- Training and exercises
- Learning from outbreaks and exercises

### Output:

- Guide to development of FMD communication plan
- Work ongoing to build on workshop and to support MS with tools for effective emergency management





# Update on training planned

To date 337/370 training credits have been allocated. 28 countries have allocated all their credits.

	2016				2017			
	September	October	November	December				
<b>Online training: FMD Emergency Preparation Course</b>	Country specific: Estonia		Member States	Country specific: Croatia	Member States	Country specific: Serbia	Country specific: France (2nd course)	Country specific: Cyprus
<b>Online training: other</b>					Risk Based Surveillance for FMD: short free online course			
<b>Workshops</b>	Workshop: "Managing a Crisis"		Workshop: Modelling as a decision support tool		Workshop: FMD simulation exercises	Workshop: "Putting vaccination into practice"		
<b>Real Time Training</b>			Real Time Training Kenya		Real Time Training Kenya			
<b>Other</b>			Laboratory training Pirbright (3 places)		Laboratory training Pirbright (3 places)			



# Item: Component 1.2

## Improved Contingency Planning



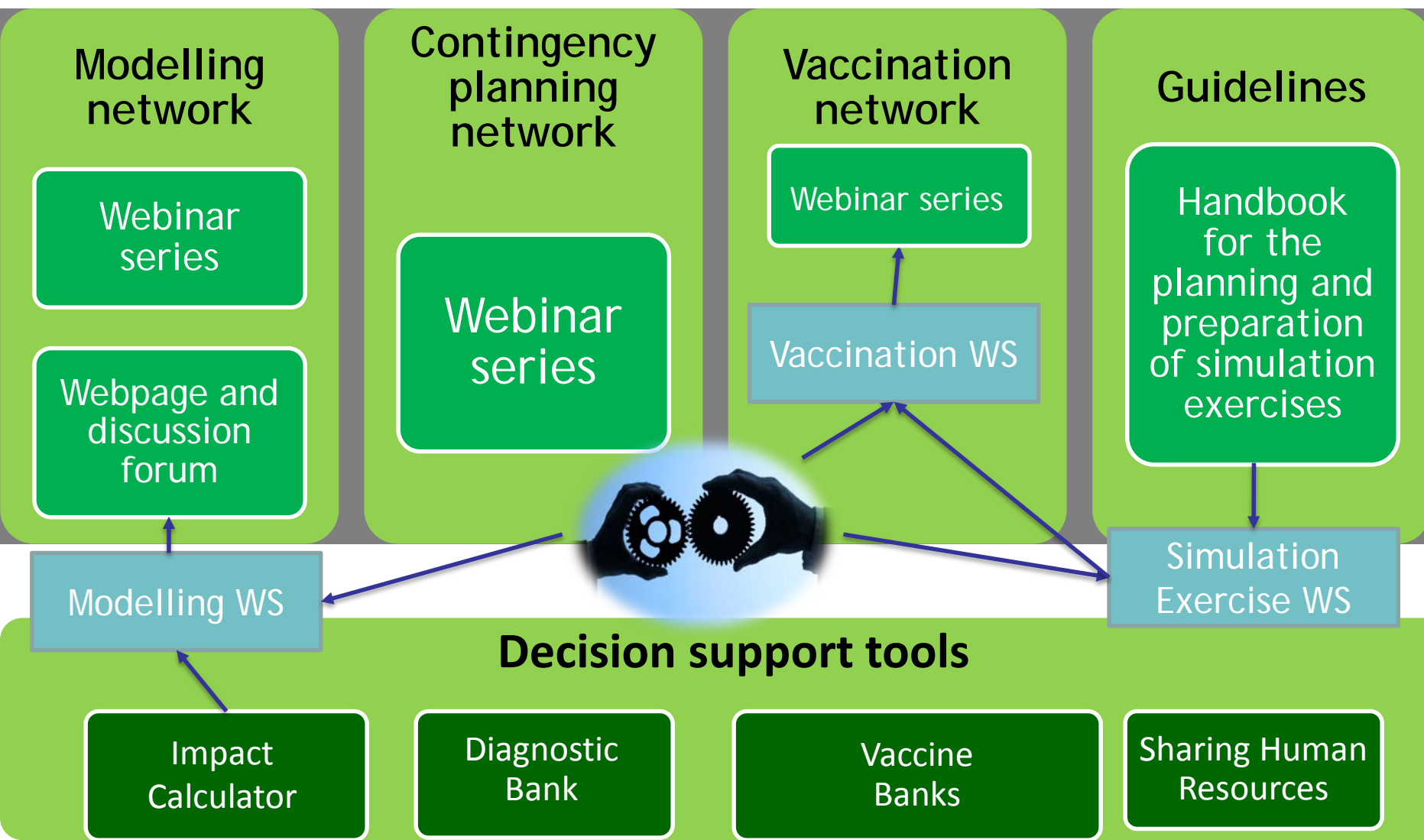
Author: Mark Hovari







## **EuFMD Component 1.2: support contingency planning and develop decision support tools**





## Networks

- **Contingency planning network**

- 3 webinars since ExCom 91
- Broad Component coverage (1.2, 1.3, 1.4, 2.1)
- Languages: English and Russian
- Continuing



**FMD CONTINGENCY**  
NETWORK

- **Vaccination network**

- Progress to be made



**FMD VACCINATION**  
NETWORK

- **Modelling network**

- 3 webinars since ExCom 91
- Pan-European Disease Spread Model



**FMD MODELLING**  
NETWORK



# Guidelines



## Handbook for planning and preparation of simulation exercises

**Motivation:** Every country is different and needs to choose the most appropriate exercise to test its preparedness for an FMD outbreak

### Overview

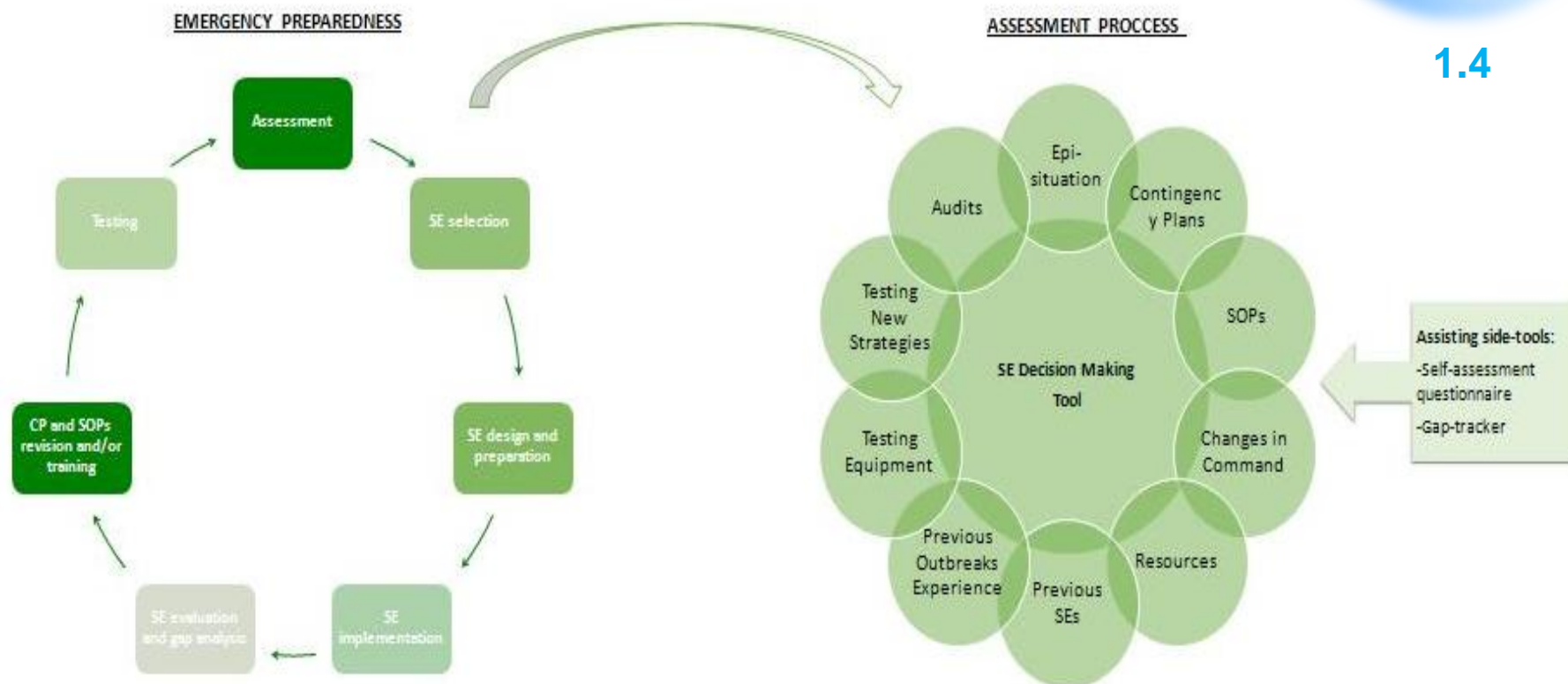
- Needs-assessment and decision-making process
- General steps of preparation
- Types and definitions of SEs with practical advices
- Resources



# Simulation Exercise Guidelines



1.4





# Simulation Exercise Guidelines

## Epi-situation

- What is the risk of disease outbreak occurrence in the country?
- What are the specific procedures to be tested to increase the preparedness?

## Contingency plans

- Were there recent changes in the CP and were they tested?
- What are the fields for improvement in the CP?
- Are there needs for training of the staff?

## Standard Operational Procedures

- Were there changes in the procedures?
- What were the main gaps in the practical execution of the procedures when tested in real situation or by exercise?
- Is training required?

## Changes in Command

- Were there recent changes in the chain of command?
- Were there recent changes in the responsibilities in the chain of command and in the staff?
- What were the main gaps identified in previous experiences?

## Resources

- Is there a budget line allocated for SEs?
- What HR are to be involved in the preparation and execution of the exercise and as participants?
- What would be the timeframe for the preparation and for the execution of the exercise?





# Simulation Exercise Guidelines

## Post-outbreak experiences

- What were the main gaps identified in the outbreak management during the past outbreaks?
- Were they addressed and tested further?

## Previous SE outcomes

- What were the lessons learnt?
- Were they reflected?
- Were the changes tested?

## Audits

- What non-compliances were found?
- Were these non-compliances addressed?



# Economic impact calculator

## Tool for rapid assessment of FMD impact

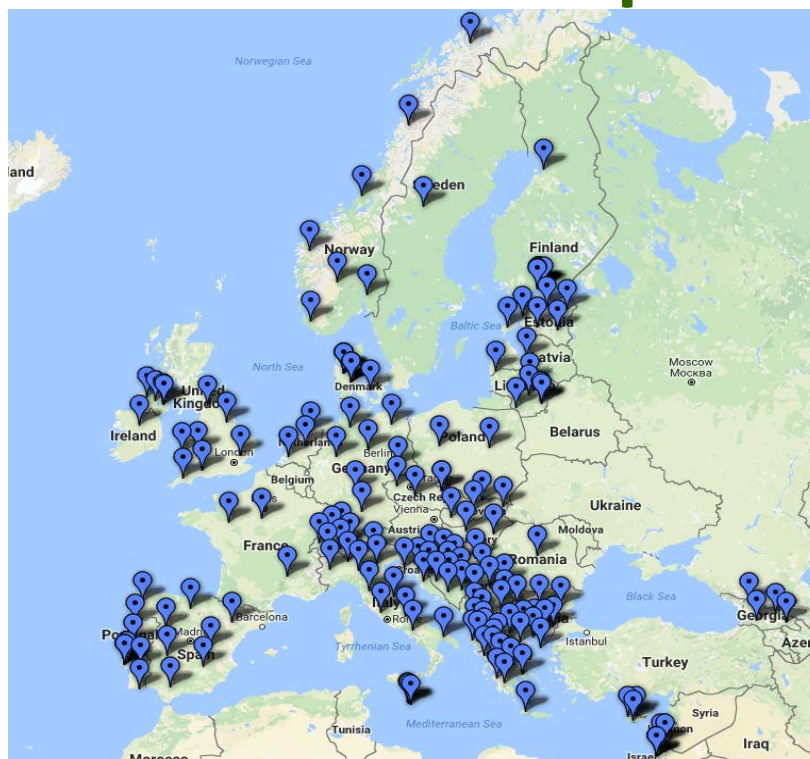
- Economic and social impact included (quantitative and qualitative)
- Spreadsheet model

### Next steps:

- Intended practical application during Modelling WS
- Raising awareness at various events
- Looking for end-user feedback



# Support to sharing critical human resources: Database of Experts



**40 countries represented in the database**

Experts can be filtered by language or by competencies



# Item: Component 1.3

## THRACE



Authors: Miriam Casey and Mark Hovari



## Activities carried out

- Regular contact with National Consultants, but...
- No Management Meetings were organized since February 2016 due to the lumpy skin disease situations
- No Tripartate Meeting since August 2015
- The New Database developed for early warning surveillance data – Google Fusion Table works as planned
- Cycle reports have been produced for **1st and 2nd** quarters 2016;
- Confidence in disease freedom: above 96 %
- Most of THRACE countries together with Component 1.4 member countries participated in **Practical Training on Vector transmissible Animal Diseases – from theory to practice.**





## Bulgaria THRACE Master Database

Copied at Wed Dec 30 05:01:55 PST 2015 from <http://www.google.com/latitudes/Data/Source/10...> [View](#) [Edit](#)  
Total on February 22, 2015

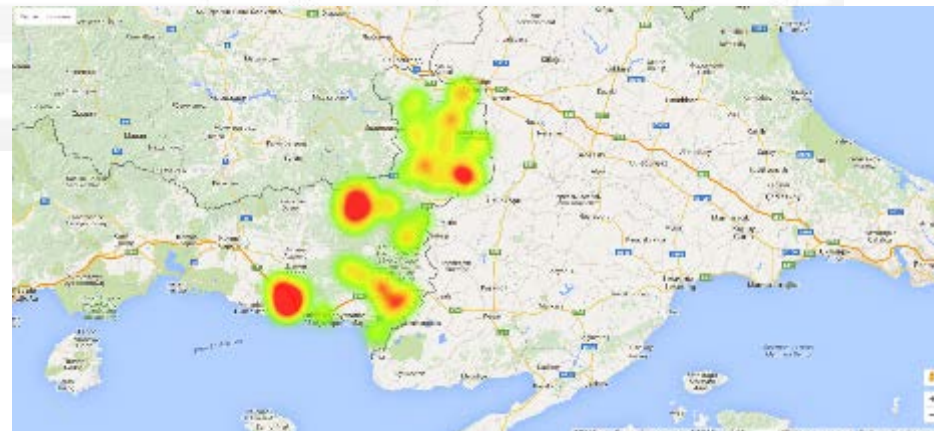
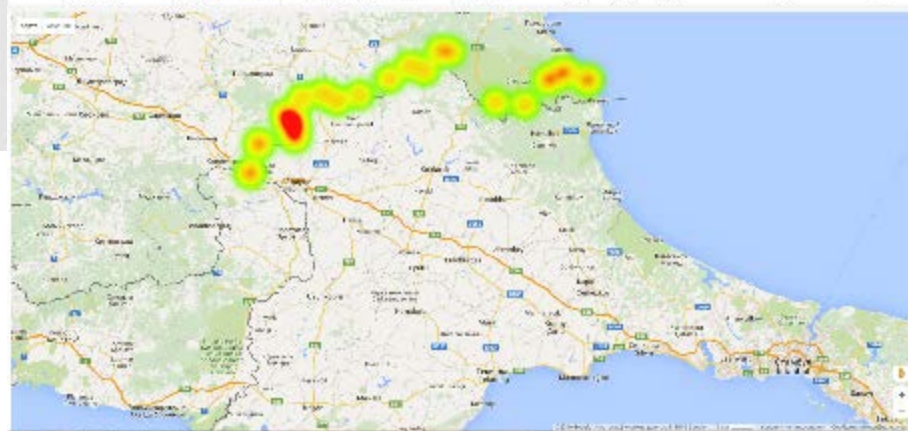
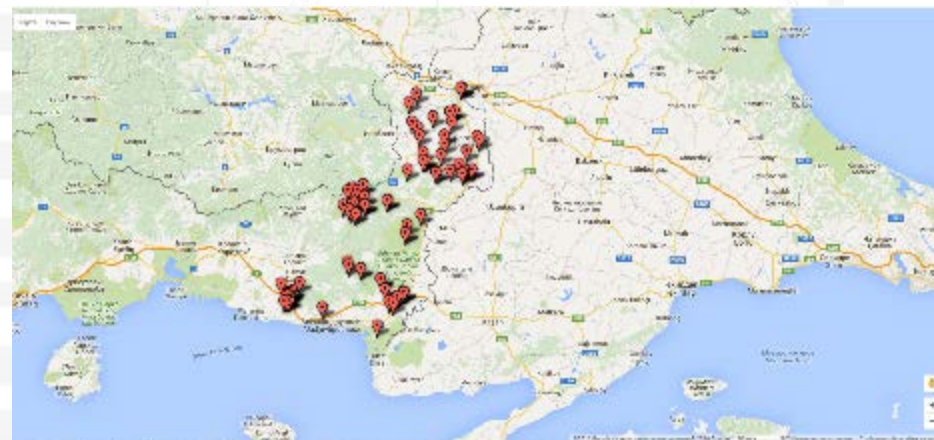
Share

File Edit Tools Help Rows: 1 - Cards: 1 Map: 1

No filters applied. Sorted by Date of inspection

1-50 of 50

Entry ID	Date of inspect...	Entered by	Country	District	Village	Cattle	Sheep	Goats	Pigs	W Buffalo	Cattle clin exam	Cattle clin pos F...	Cattle clin pos LSD	Sheep clin exam	Sheep clin pos FMD	Sheep clin pos SGP	Sheep clin pos PPR	Goats clin exam	Goats	
	2015-01-21	Nikola Spasov	Bulgaria	Svilengrad	Kaphan Andreevo	49	304	110			12				29				12	
	2015-01-24	Yordan Panayotov	Bulgaria	Tsarevo	Bradkovo	75	150	75		15	35				45				40	
	2015-01-25	Nikola Spasov	Bulgaria	Topolovgrad	Filipovo (Topolovgrad)	218	20	5												
	2015-01-25	Yordan Panayotov	Bulgaria	Tsarevo	Keezi (Dugarka)	75	200	40			39									
	2015-01-25	Nikola Spasov	Bulgaria	Topolovgrad	Prisadeta	104		70												
	2015-01-25	Nikola Spasov	Bulgaria	Topolovgrad	Hadovite	194	3/1	410												
	2015-01-25	Nikola Spasov	Bulgaria	Svilengrad	Kaphan Andreevo	49	304	110												
	2015-01-25	Stojan Mladenov	Bulgaria	Bolyazovo	Stenabina (Bolyazovo)	428	181	1			40									
	2015-01-26	Yordan Panayotov	Bulgaria	Tsarevo	Sinemorets		337	55												
	2015-01-26	Nikola Spasov	Bulgaria	Svilengrad	Blak	25	205	81												
	2015-01-26	Nikola Spasov	Bulgaria	Svilengrad	Melochina	185	102													
	2015-01-26	Stojan Mladenov	Bulgaria	Bolyazovo	Krakovno	145	64	10			15									
	2015-01-27	Stojan Mladenov	Bulgaria	Elhovo	Velona pri Elena	191	74	45			20									
	2015-01-27	Georgi Piskovlev	Bulgaria	Maliko Tamovo	Maliko Tamovo	275	461	413	21	9	53									
	2015-01-28	Stojan Mladenov	Bulgaria	Elhovo	Carbene-Oreovod (Elhovo)	1	62	33			1									
	2015-01-20	Georgi Piskovlev	Bulgaria	Maliko Tamovo	Silvarovo		36	27							30				27	



## Turkey (2<sup>nd</sup> Cycle)

# Item: Component 1.4

## Balkans



Authors: Miriam Casey and Mark Hovari



# Practical training workshop on vector transmissible animal diseases

## Objective:

- 1) advise upon (or assist with) analysis of the epidemiological data collected from the field from FMD and TADs outbreaks, trying to **identify possible risk factors**;
- 2) advise upon **vector trapping methods** suitable for collection of vectors from affected holdings or regions in case of TADs such as LSD;
- 3) improve the **entomological knowledge** for vectors involved in the transmission of LSD or other TADs
- 4) understand the **seasonal trends** in the potential vector species in transition of the transboundary diseases.





# Practical training workshop on vector transmissible animal diseases



Bulgarian colleagues set up one of their culicoides traps



A sticky trap







# Laboratory Simulation Exercise 2016

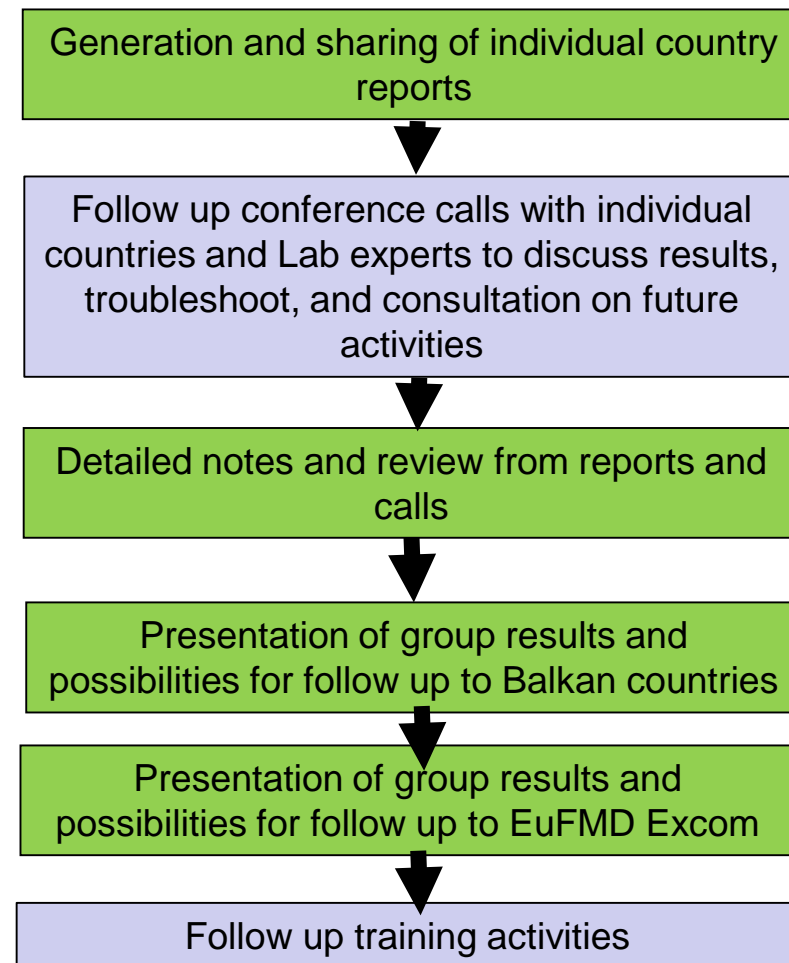
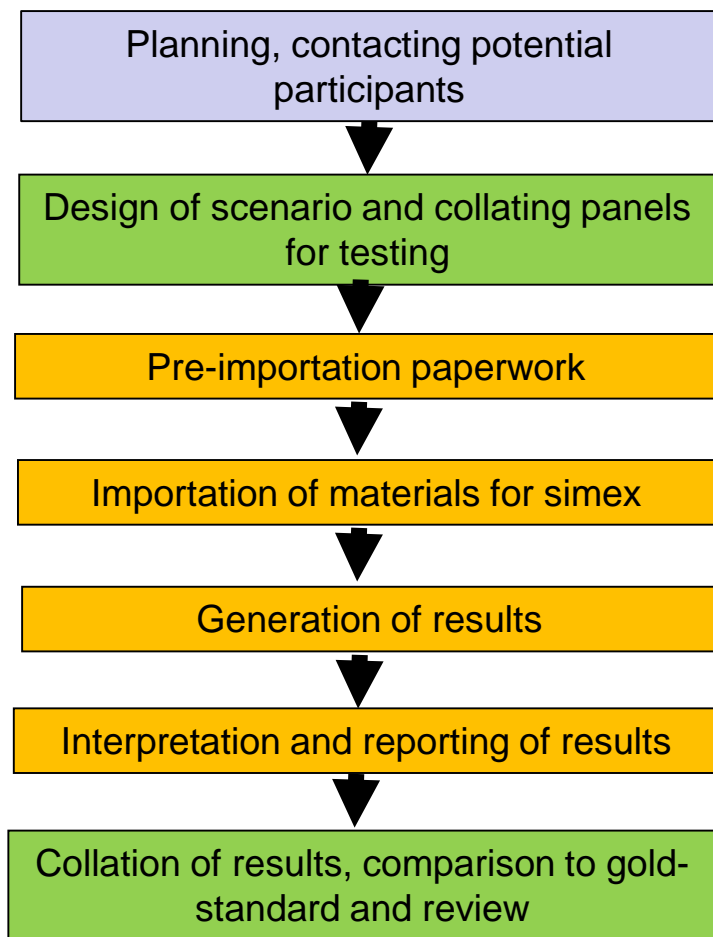
To test capacity to:

1. rapidly import diagnostic materials;
2. rapidly generate accurate results in the laboratory;
3. interpret results in the context of an epidemiological scenario.





# Laboratory Simulation Exercise 2016





## Lab SimEx Conclusions from labwork

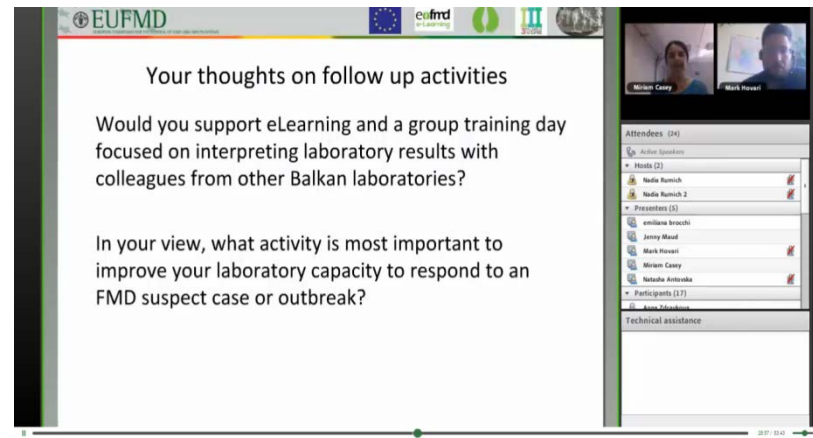
- Delivery issues to non-EU countries
- Good capacity to generate accurate results with antigen and antibody ELISAs
- 9/10 PCR facilities
  - 7/9 generated results
  - 5/7 generated accurate results
- Some interpretation challenges
  - ? Time constraints in some labs
  - Interpreting serotype specific ELISAs in context of epi scenario
    - ? Habituation to PTS where no epi scenario



## Key gaps and follow up activities

1. Facilitation of delivery of diagnostic materials to non-EU countries
2. For particular countries: PCR capacity building as well as training in PCR trouble-shooting
3. **Training in the interpretation of diagnostic test results and relating laboratory results to the epidemiological situation**

Results presented during  
On-line Management Meeting



The screenshot shows a video conference window. The main area displays a presentation slide with the following text:

Your thoughts on follow up activities

Would you support eLearning and a group training day focused on interpreting laboratory results with colleagues from other Balkan laboratories?

In your view, what activity is most important to improve your laboratory capacity to respond to an FMD suspect case or outbreak?

On the right side of the window, there is a sidebar with the following sections:

- Attendees (24)
- Active Questions
- Hosts (2)
  - Nadia Rumich
  - Nadia Rumich 2
- Presenters (5)
  - emiliana brocchi
  - Jenny Maud
  - Mark Howard
  - Wesley Casey
  - Natalia Arsenova
- Participants (17)
- Technical assistance



## Contingency planning self assessment tool

- Final phase of development
- On-line automatic feedback straight after the questionnaire (e-learning site)
- Pointers to relevant resources and job aids
  - Further information on each topic
  - Example's of other countries' CPs and OM
  - Job aids and fact-sheets to use in action
  - Videos, presentations and webinars for staff training
- Lead in to targeted CP revision and selection of the best SimEx for the given country





# Contingency planning self assessment tool

Legislation
Finance
Chain of Command and NDCC
LDCC
Expert team
Personnel
Equipment and facilities
Laboratory resources

Vaccination
Practical training
Simulation exercises
Disposal
Publicity and disease awareness
Preparedness for a challenging scenario
Continuity of business
Post Outbreak Surveillance and Restocking

**Operations Manual**



**EU FMD**

EUROPEAN COMMISSION FOR THE CONTROL OF FOOT-AND-MOUTH DISEASE



**eofmd**  
e-Learning



**III**  
3 PILLARS OF  
EU FMD



**Thank you very much for your  
attention!**