









IMPROVING CONTINGENCY PLANNING

Progress with modelling, contingency planning networks and support to national simulation exercises

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Animal Health Officer, EuFMD

PILLAR 1 - Improve readiness

- Improve readiness for FMD crisis management by Members
- **2. Reduce** the risk to Members of an FMD incursion from the neighborhood
- **3. Promote** the global FMD control strategy



Component 1.4 - BALKANS



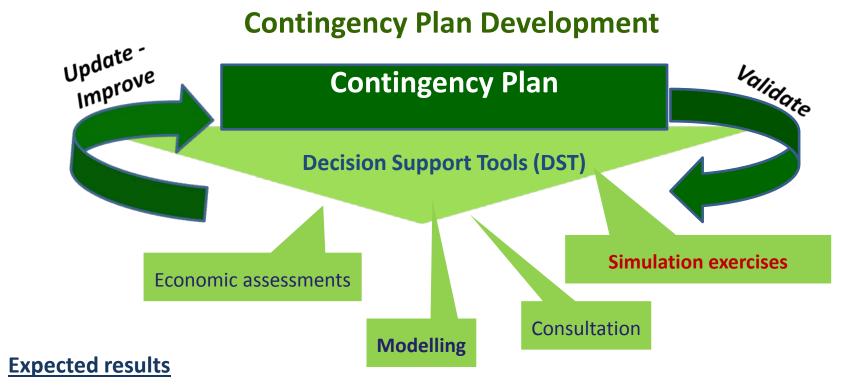




Activity indicators Result indicators



Component 1.2 Developing training material on Modelling, Decision Support Tools and Simulation Exercises



- 1. EuFMD modelling network
- 2. Resources for training (modelling socio/economic analysis simulation exercise)
- 3. Network of managers in contingency planning and simulation exercise

Activity indicators

1. Modelling

✓ An EuFMD modelling network has been established and it is growing



82 participants

- **≻** EU
- > USA Canada
- Australia NZ

✓ Resources for training:

- Workshop on "**To vaccinate or not to vaccinate**: using modelling to evaluate FMD control options" in <u>October 2014</u> (16 participants from 11 countries)
- Webinar on "Making modelling useful for contingency planners" in <u>January 2015</u>
- Webinar on "**Data-driven models of FMD dynamics**: reviewing outbreak models and highlighting new research in an endemic setting" <u>February 2015</u>
- Webinar on" **Modelling spread** of highly infectious diseases in the EU before detection the example of African Swine Fever" in <u>April2015</u>







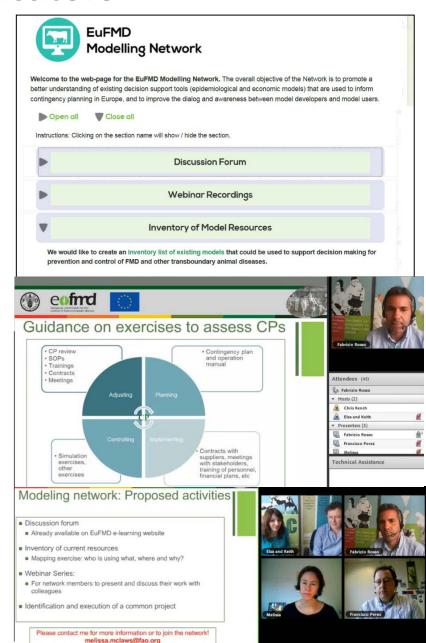
Activity indicators

1. Modelling

- ✓ An inventory of models and other decision support tools implemented
- ✓ A prototype model for the rapid assessment of FMD impacts (RVC)

2-3. Contingency planning and simulation exercise

- ✓ Supporting CPs with a Knowledge Bank
- ✓ Network of CP managers
- ✓ Development of **guidelines for simulation exercises** and other exercise (assessment of the needs)
- ✓ Consultation on vaccine and diagnostic banks (report, prioritization, coordination)



What are the possible needs?

According on what we have learned

- Continue the Modelling network webinar series.
- Development of an accessible and easy-to-use calculator to assess the socio-economic impact of FMD and resources needed.
- Implementation of webinars focused on contingency planning: Risk Communication, Diagnostic Banks and Planning Simulation Exercises.
- Development of guidelines with categorization and definitions of CP exercises
- Support on vaccination issue for CPs development

Component 1.3

Establish a system which provides continuous confidence in disease freedom and which improves the chances of detecting an out break at an early stage



Expected results

- 1. Establishment a co-ordination framework
- 2. Establishment **system for real-time data entry** to support management of surveillance activities aimed at maintaining disease freedom confidence
- 3. Achieving two years of risk based surveillance results for FMD (and other diseases as requested by the beneficiaries countries)

Activity indicators

1. Management and tripartite meetings

Tripartite meetings	Management meeting
November 2013	November 2013
April 2014	February 2014
October 2014	August 2014
	December 2014

- 2. Database and regular reporting
- 3. Active and passive **surveillance** and

laboratory support

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THRACE: FMD Report 2013-2014			Bulgaria	21	1	
				25	1	
ntrols in epi-units	N. animals sampled		<u>Turkey</u>	<u>28</u>	<u>2</u>	
		N. cattle inspected	ΤΟΤΔΙ	74	4	

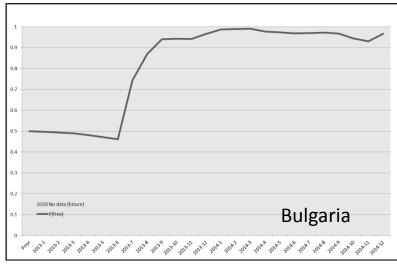


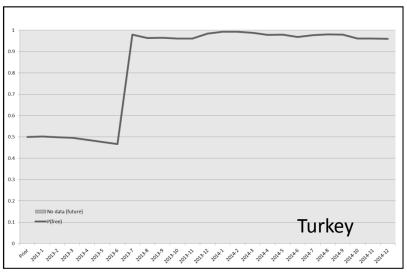
Country	N. controls in epi-units	N. animals sampled	N. cattle inspected
BULGARIA	126	5,722	13,140
GREECE	1013	5,179	7,315
TURKEY	1809	6,843	69,107*
TOTAL	2,948	17,744	89 <i>,</i> 562*

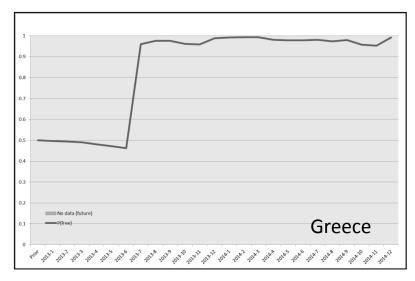
^{*}The surveillance performed in low risk area of Turkey has been reported and included in the model



3. A **model** for the analysis of FMD surveillance data to calculate the **progressive probability of freedom** from FMD over time











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19	HACMAGU (7610)		DETAMBLE	ARMYOTYDY		насмари		
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.31	HADRINGS DRUG		DESMELL.	ARNOUNTED		HADWINGT		
32	наварр (1229)		ISTANSIA.	ARAMYSTKOY		пикаро		
29	MARAGO CUMBO		ESTAMBUL.	ARMHYTREY		NARAGO		
34	IMMANOR (25346)		ISTANBIA.	HENNINGS		IMMAKK		

The <u>Coordination framework requested</u> (with support of FAO/OIE) to apply the surveillance implemented for FMD to **other diseases:**

"Sheep and Goat Pox, Peste des Petits Ruminants, Lumpy Skin Disease"

PPR, SGP, LSD surveillance

ACTIVE SURVEILLANCE

- Clinical surveillance for PPR,SGP,LSD
- Database upgrated
- Laboratory workshop on PPR/SGP/LSD
- PPR diagnostic kits delivered to BG GR
- Model for PPR
- Field exercise on LSD

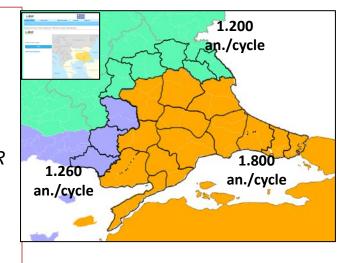
PASSIVE SURVEILLANCE

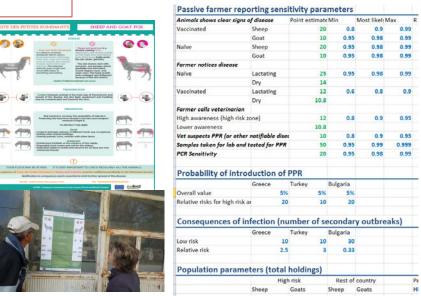
- leaflets and posters

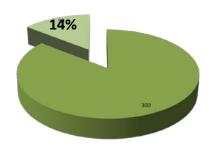












Budget allocated







Results indicators

- ✓ Early warning surveillance system in high risk area for Europe
- ✓ Network between countries with rapid information exchange and collaboration in the area
- ✓ Preparedness of laboratories (regular support and testing)
- ✓ Regular monitoring and possibility to adapt to other geographic areas the programme aimed to produce an outcome easy to understand for policy/decision makers.
- ✓ Pilot programme for integrated animal diseases surveillance (FMD, PPR, SGP, LSD) implemented between different countries

Major issues

- Sustainability of the activities in case of lack of resources;
- Overlooking risks not previously idetified in the development of the targeted surveillance in 2013;
- Adequate preparedness of Thrace for the possible introduction of other diseases (e.g. LSD) and consequences;

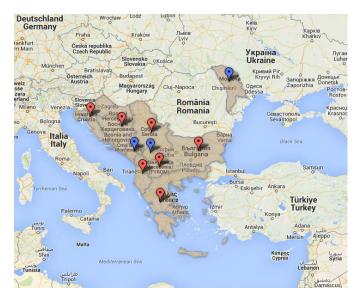
What are the possible needs?

According on what we have learnt

- Maintaining and promoting the collaboration between countries;
- Providing regular support for preserving the targeted risk-based surveillance and allowing continuous improvement of awareness;
- Using the model developed for FMD to analyze the surveillance implemented for other diseases (e.g. PPR)
- Assessing the needs (CP), if Turkey will stop FMD vaccination in Turkish Thrace
- Programme develop might be relevant for other regions for confidence in disease freedom

Component 1.4 Support the development of FMD emergency capacity in the Balkan region

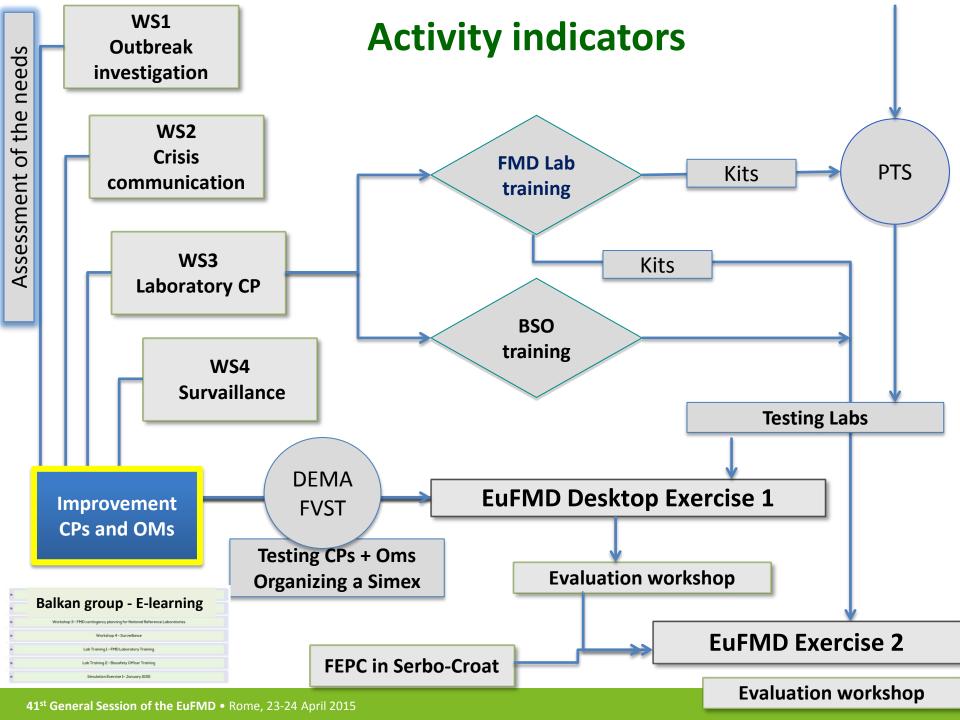


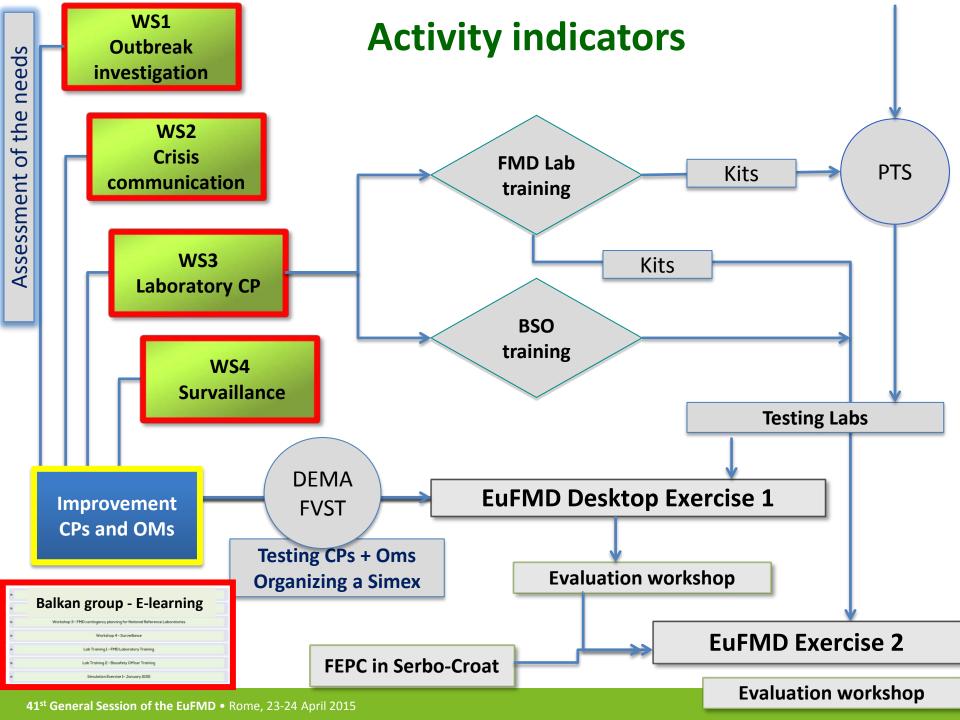


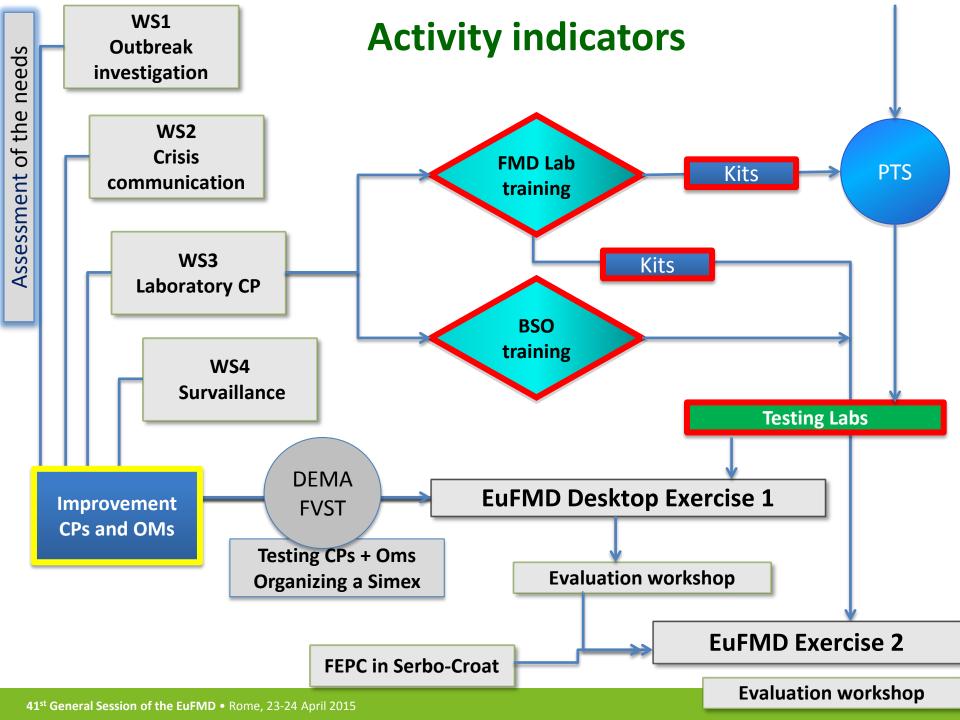
EuFMD Members: Bulgaria, Serbia, FYRO Macedonia, Croatia, Bosnia and Herzegovina, Albania,, and Greece (more recently); **EuFMD Non-members**: Montenegro, Kosovo and Moldova.

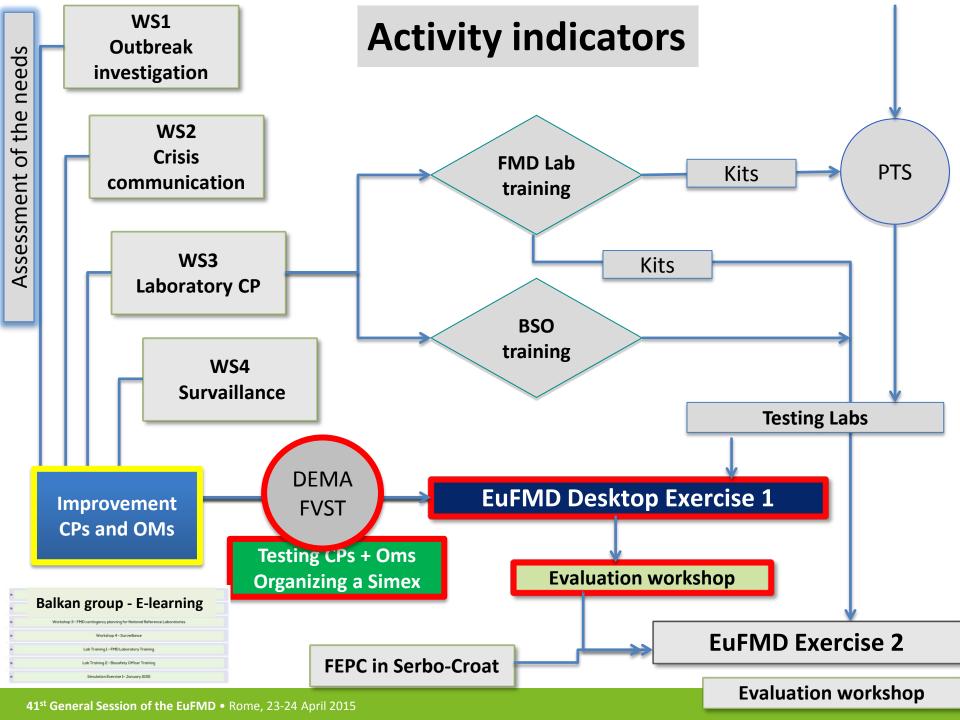
Expected results

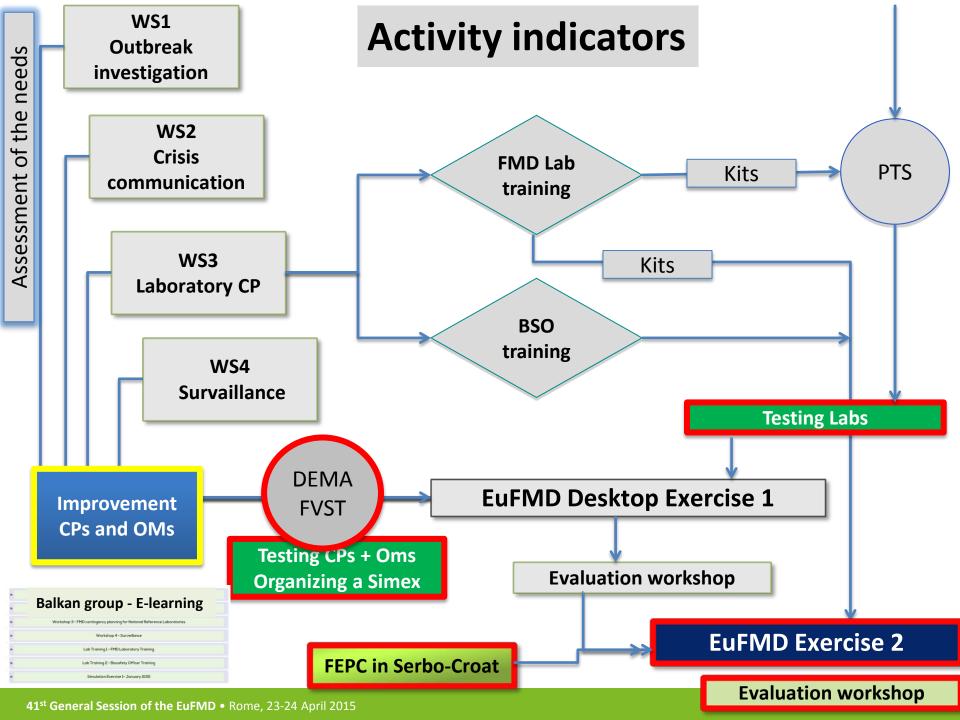
- 1. **Co-ordination framework** for the western Balkan countries for emergency planning including laboratory sub-network
- 2. Improving contingency plans (training, simulation exercises)
- 3. Integration of **national FMD reference centres** in national CPs and **improvement** of regional FMD diagnostic capacity











Elizabeth C. Wilson Clare Annemarie Dimitrios Воита Taulor Dilaveris Netherlands Mark Elma Greaorio Grigoryan Armenia Torres Sikala Hovari FAO Zimbabu Hungary Spain Gunel 1brahim kabel hılia Ismauilova Eldaahaues Gutiérrez Turiac Katherine Kees Maria T Lilyana Hickey Van Maanen Polihronova Scicluna Bulgaria **Italy**

The European Commission for the Control of FMD supports STP staff for the purpose of gaining professional experience in FMD risk management and of work in an international environment on FMD control. In 2015 the EuFMD has accepted Visiting Scientists (VS) to assist without cost.

STPs are expected to help manage work components, travel and participate in meetings and workshops, disease investigations and field missions as required and appropriate to their skill set and aspirations.

We support gender equality



Short Term Professionals Programme



Theo

Knight-Jones

Tsviatko

Alexandrov

Bulaaria

Vesna

Milicevic

Serbia

Milan

Pandurovic

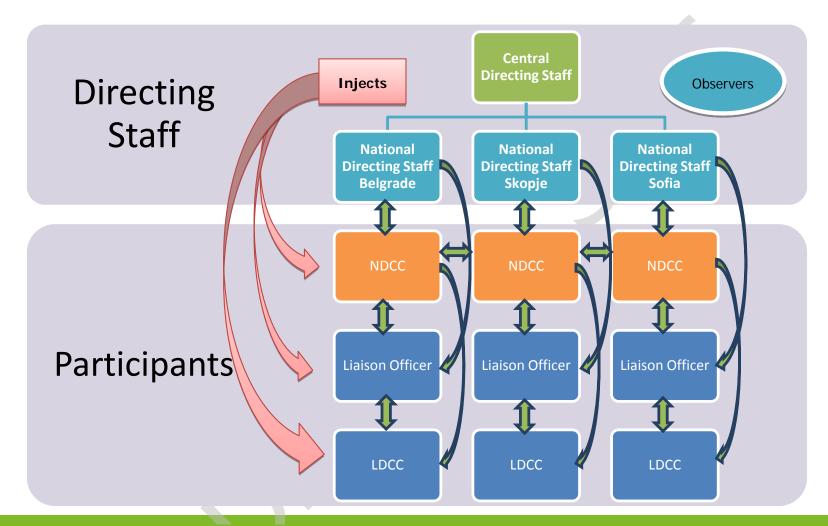
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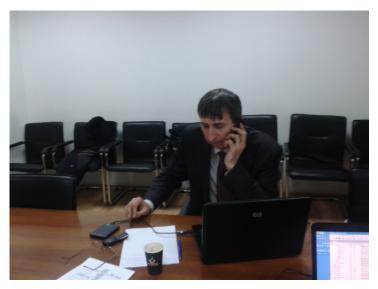
Potocnik

Desktop Simulation Exercise

Objectives of the desktop simulation exercise

- 1) Assist the organization of a simulation exercise
- 2) Drive the veterinary services in the **self assessment of their CPs**





How the exercise started



Regular debriefings



NDCC at work



Distaff Communication



How the exercise started



Regular debriefings



NDCC at work



Distaff Communication

Result indicators



- ✓ **Establishment of network** of National Focal Points and Laboratory Sub-network Contact Points
- ✓ Positive regional impact as the countries making progress can assist the other countries
- ✓ Development and improvement of Contingency plans and Operational Manuals
- ✓ Good synergy with other EuFMD components (1.1 and 1.2)
- Preparedness of laboratories (regular support and monitoring improvements)
- Development of training material on simulation exercise and other exercises

Major issues

- ☐ Finalization of **national contingency plans**;
- Procedures of the operational manuals need to be practiced to assess their feasibility and effectiveness;
- Lack of sufficient dedicated resources can affect the contingency planning capacity
- ☐ Capability to use the 'lessons learnt' from the activities implemented

What are the possible needs?

According on what we have learnt

- Providing assistance and guidance for contingency plans and operational manuals, including Turkey in the activities;
- Improving the sustainability through a system for mutual assistance
- Developing the capacity of the countries to design, implement, evaluate different type of exercises;
- Facilitate a **Serbo-Croatian version** of the e-learning FEPC and other training material (job aids)

PILLAR 1 - Improve readiness



BIG THANKS TO....EuFMD admin staff Cecile, Erica, Ida, Silvia

Component 1.5 – APPLIED RESEARCH



Component 1.6 – CRISIS MANAGEMENT



Thank You

Component 1.6 – PROFICIENCY TEST SERVICES

