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Summary of EuFMD actions implemented under the EC/EuFMD agreement (Reporting period: Sept 2011-April 2013)



April 2013 | EuFMD Secretariat

eofmd
European Commission for the
control of foot and mouth disease



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SUMMARY

This Report is provided to the 40th Session of the Commission as a summary of the activities undertaken under the EC funding agreement for the three reporting periods since the 39th Session in April 2011. The EuFMD/EC agreement is for 48 months, from September 2009 to September 2013. More detailed reports are provided at each Executive Committee meeting and available online - and directly to the EC to fulfill the contractual agreements.

The EuFMD Commission, at the 38th General Session in April 2009, adopted a four year Strategic Plan of activities, involving six components, with priorities for in-country actions being to support FMD control in Southeast Europe through greater management of the FMD risk in countries bordering to Turkey, in West Eurasia. These projects are coordinated with those of other Directorates of the EC and other funding agencies, to promote progressive control in the West Eurasian countries along a long term Roadmap.

Following signature of the financing agreement, specific activities of the EuFMD were initiated following response of the EC to proposals from the Secretariat or decisions of the Executive Committee at which the EC is represented.

The EC support is provided through a Trust Fund (TF), MTF/INT/003/EEC, with a total funding of € 8 million for the four year period of the current agreement. Since September 2009, the EC has agreed funding of actions in six of the Strategic Plan components, with by far the largest being for in-country programmes in the Trans-Caucasus and Iran aimed at reducing the risk of new incursions of FMD into Turkey and Eastern Europe. Funding is also provided for training of European veterinarians, for surveillance in the African proximity, for short technical studies, and for surveillance for FMD in Egypt. At the 39th Session in April 2011, the EuFMD Commission recommended **three additional components**. These are indicated as Components 7-9 below. For two of these, expenditures or activities had not been committed before April 2012, but actions and expenditure has commenced in the current 6 month period (*i.e.* April-September 2012).

The nine Components of the Programme

Note that Components 1 to 6 were agreed at the 38th Session; 7-9 added at the 39th Session.

As summarized in the Update Report these are:

1. Risk reduction in South-East Europe through support to FMD control in West Eurasia;
2. Activities to reduce FMD risk in the South and East Mediterranean countries;
3. Field based FMD Training Programme;
4. FMD surveillance in the African proximity;
5. Technical studies;
6. Response to FMD Emergencies;
7. Strengthening FMD laboratories in the Balkan Region;
8. Improved Contingency Planning through use of decision support tools;
9. World Reference Laboratory (WRL) contract – FMD surveillance support activities.

The work under each component was scheduled for completion in 2012, or before the completion of the term Funding Agreement (September 2013).

Implementation

As per the Agreement with the EC, the activities are implemented directly by the EuFMD Secretariat in FAO. Where field based activities occur, in countries with FAO offices, FAO regional or national office staff are used to establish the working agreements with the veterinary services of the countries concerned and thereafter may be used to assist arrangements on a payment for services basis. Where the field activities are expected to be used repeatedly, a Memorandum of Understanding (MOU) with the Government Service and/or a national project consultant may be hired to assist delivery, such as training courses. Letters of Agreement (LoA) (with not for profit organizations) or contracts (with companies) are used where specific services are more efficiently delivered, for example the LoA with Laboratories for Diagnostic Services, and Contracts with Diagnostics suppliers. The cost of major procurements of diagnostics was reduced by negotiation of a Global FMD Diagnostics Contract, awarded to Pirbright/Prionics and IZSLER, Brescia; it is the first of its kind in FAO and has been used to achieve bulk order savings available to all FAO Offices and the FAO/IAEA Joint Division. All procurement of goods, services including consultants conform to the FAO Administrative Manual. The Executive Secretary of the EuFMD acts as budget holder for the MTF/INT/003/EEC activities and a financial officer (consultant) has been employed since January 2012 to assist.

The full time professional technical services to support the programme are provided by the EuFMD Secretariat (One P5 Officer and one P3 Animal Health Officer) plus the short term professionals (STP) officers seconded by Member States. These services are NOT charged to the EC programme, so the latter pays “on an additional cost basis” for the work with consultants being used as needed, since the EuFMD full time staff are few.

Communication and Reporting

DETAILED reports are available for each of the six-month reporting periods, as indicated below.

All **field actions** are required to give **Monthly Reports** to EuFMD.

Those resulting in surveillance information are then reported TO MEMBER STATES in the Monthly FMD Global Report.

The field activities usually result in samples sent to FAO/OIE reference centers - and thus fulfill international reporting. Therefore, outputs of EuFMD support to surveillance should be publically available.

Progress on all Components actions is reported every six months to the Executive Committee and after this, online to the Member States.

Information Outputs	Activities supporting	Communication to MS	Notes
<i>Immediate early warning messages</i>		e-mail to MS from Secretary.	Used sparingly. May be joint with FAO as an early warning.
<i>Reports of Technical Studies</i>	#5, Technical Studies	Published Reports and EuFMD and other Open Sessions.	Significance of findings needs extra effort to communicate to policy makers.
<i>Monthly FMD Global Surveillance Report (EuFMD)</i>	Components 1, 2 and 4: <i>National Focal Points and Regional Animators supported under required to give monthly reports to EuFMD.</i>	Monthly reports e-mailed and placed online	FAO/OIE FMD Ref Centers are always asked to review and contribute (by mid-Month).
<i>Progress Reports and situation reviews</i>	All 9 components	Narrative Report every six months to ExCom/EC. ¹ Outputs: E-mail and online	Narrative Reports and financial reports formally sent to EC when funds requested, as per contract.
<i>ANNUAL reporting</i>	Principally #9, WRL Pirbright <i>Components 1, 2 and 4 and 9 generate FMDV intelligence data and FMDV typing:</i>	Online (Pirbright + EuFMD)	Annual Surveillance Report: WRL

Achievements

The project outputs are designed to contribute to the outcome of improved functioning of national systems for FMD risk management.

Achievements can be summarized for each component as:

1. Risk reduction in South-East Europe through support to FMD control in West Eurasia

- Establishment of the West Eurasia Roadmap as a regular platform for regional risk assessment, information sharing, Roadmap progress review, and better co-ordination of assistance and prevention measures, in support of regional and global GfTADS FMD control strategies;
- Progressive Control Pathway (PCP) based national prevention and control measures in place in Georgia, Armenia and Azerbaijan, with full handover to national responsibilities of vaccination programme maintenance in 2013;
- Significant progress in Iran, with a PCP based national FMD control strategy developed, improved management capacity in the borders with Turkey, and full participation in regional efforts through establishing capacity for local FMDV typing for early warning, and progress towards a national animal movement system;

¹ Narrative Reports on the EC funded programme are provided also when any call for installments of funds is made. The six month update reports to the Executive Committee were established after September 2011. Reports are available for periods 9/2009-9/2011; then each 6 months (a total of 4 Reports to 2/2013).

- Establishment of a program in Thrace for surveillance to assure neighbors of confidence in disease freedom (a first).

2. Activities to reduce FMD risk in the South and East Mediterranean countries

- Introduction into Egypt of a PCP based national strategy development process (partially completed PCP Stage 1), with training of staff to complete the Stage; established capacity for rapid diagnosis of exotic FMDV strains;
- Establishing trained and equipped (kits) diagnostic capacity for SAT2 and other serotypes in NRLs in countries bordering to Egypt and Libya in mid-east and North Africa, within two months of SAT2 diagnosis, working through REMESA in North Africa.

3. Field based FMD Training Programme

- Re-establishment of a European cadre of veterinarians with experience of FMD outbreak investigations through training in the real-time field training programme; >200 Europeans trained, from 36 Member States.

4. FMD surveillance in the African proximity

- Establishment of FMD laboratory networks for sharing of FMD laboratory surveillance information and expertise, under the FAO led regional laboratory networks, in Eastern Africa (*EARLN-FMD*) and West/Central Africa (*Resolab-FMD*). These did not exist before 2010 and now receive support for surveillance from others (e.g. US IDENTIFY programme for early detection).

5. Technical studies

- Several supported studies have given immediate benefits;
- The full genome sequencing tools were used in the Bulgarian FMD tracing in 2011;
- The support for African serotype PCR tests gave rise to diagnostic advice to NRLs in the 2012 serotype SAT2 crisis;
- The wild boar studies have contributed to design of surveillance for freedom, and generated new potential tools for surveillance (non-invasive sampling to enable earlier proof of infection or freedom);
- Global FMD research reviews commissioned through GFRA to identify research gaps and overlaps.

6. Response to FMD Emergencies

- Delivery in 2011 of emergency vaccines and supplies to Turkey, and diagnostics for Bulgaria;
- Mission teams on the ground in Turkey, Bulgaria and Egypt within 10 days of each crisis, coordinated with the EC;
- Response to “non political crises” such as the Asia-1 epidemic where no other agency recognized the scale of the problem, and provided technical support to field assessment of vaccination effectiveness;

7. Strengthening FMD laboratories in the Balkan Region

- Trained personnel from each West Balkan country in FMD recognition and sampling in the field.

8. Improved Contingency Planning through use of decision support tools

- Eight countries trained in use of animal disease spread models to assess their contingency plans.

9. **World Reference Laboratory (WRL) contract – FMD surveillance support activities**

- Importance of the Proficiency Test Service (PTS) understood by most non-EU neighborhood OVS. The PTS offered to ALL Member States AND European neighborhood countries in 2009-12, with greater take up in 2012 than in 2008.

Note: *National, Official Veterinary Services (OVS) remain responsible for the goal of reduced FMD incidence and the EuFMD/EC project, although contributing to this objective, cannot be held responsible for the outcomes that are under national responsibility. Building better systems does not immediately result in the goal of reduced FMD cases.*

Evaluation by the Standing Technical Committee, January 2013

The Executive Committee reviewed evaluation arrangements. Taking into account the time taken for formal evaluation by FAO, they asked the Standing Technical Committee to review the programme before the 85th Session.

The STC reviewed the programme undertaken in 2011-13 in relation to the **3 Pillars** (New Strategic Goals) for the 2013-17 Programme.

The **3 Pillars** being:

- 1) **Improve** readiness for FMD crisis management in Member States
- 2) **Reduce** risk to Member States from the European neighborhood
- 3) **Promote** the Global Strategy of Progressive Control of FMD.

They reported their conclusions to the 85th Session. **Annex 1** provides a summary of their Observations.

Financing

Financing is provided by the EC through a multi-year agreement (Contract).

Financial Reporting to the EC is undertaken in accordance with the financing agreement and is also provided every six months to the EuFMD Executive Committee. The following is an extract from the report to the 85th Session (February 2013).

Expenditure was 7.308 mUSD up to 31/12/2012 against a total budget of 11.510m USD (equivalent to a commitment of 8 m€).

A DG-SANCO **financial verification mission** held in September 2012: the post-mission report was positive, indicating no financial consequences, and received in March 2013.

The expenditure breakdown for eight Components of the programme is given below. The system of establishing "baby projects" to report expenditures by components was not introduced until about two years after the project had started in 2009, so the expenditure in the program category contains the total expenditure plus the expenditures that cannot be broken down to components – such as the Pirbright Contract, the costs of administration and FAO project servicing charge.

Regarding staffing, only one professional (Training and Communications officer) is employed, plus one Clerk, on a full time basis. The human resources needed to deliver the specific components is provided by consultants and temporary clerks, according to work flow. The shift taken by the Executive, away from field projects towards training programmes created a great increase in the need for consultants and temporary Clerks, associated with the increased work in managing travel and training.

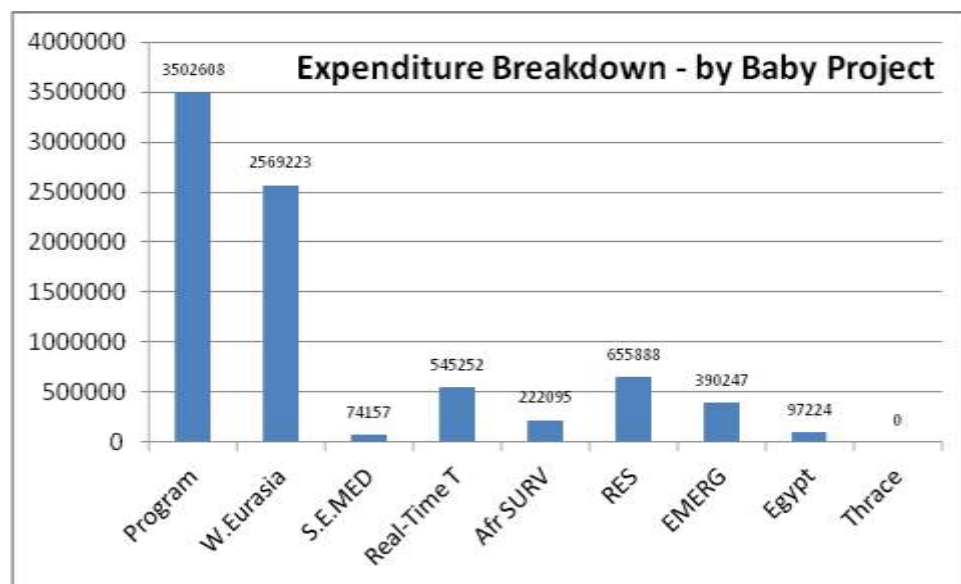
Key to figures

Budgeting and expenditure is followed through the use of CHILD (Programme) and baby projects (Components) that correspond closely with the components in the EuFMD Activity Plan.

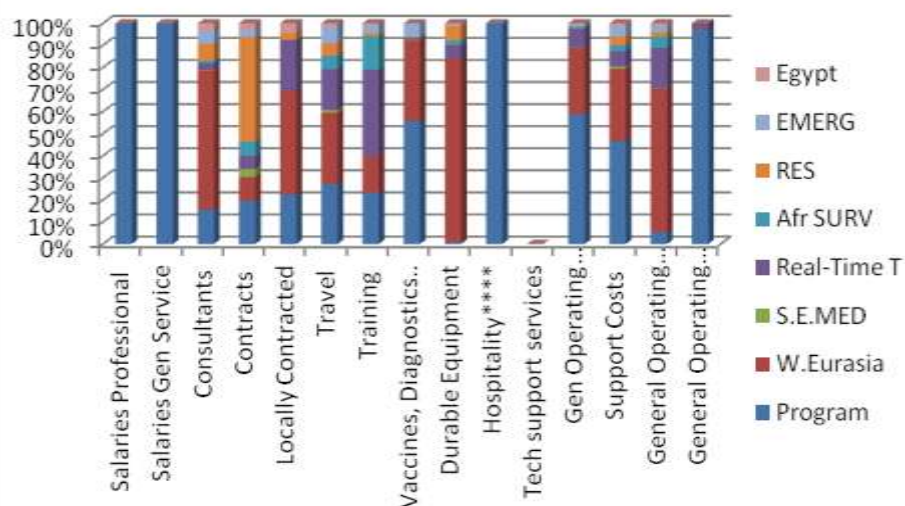
CHILD level are expenses that are **general to the programme**, and include those which occurred before the Baby project accounting system was operationally set up for the EC project.

The eight **baby project numbers** are given below.

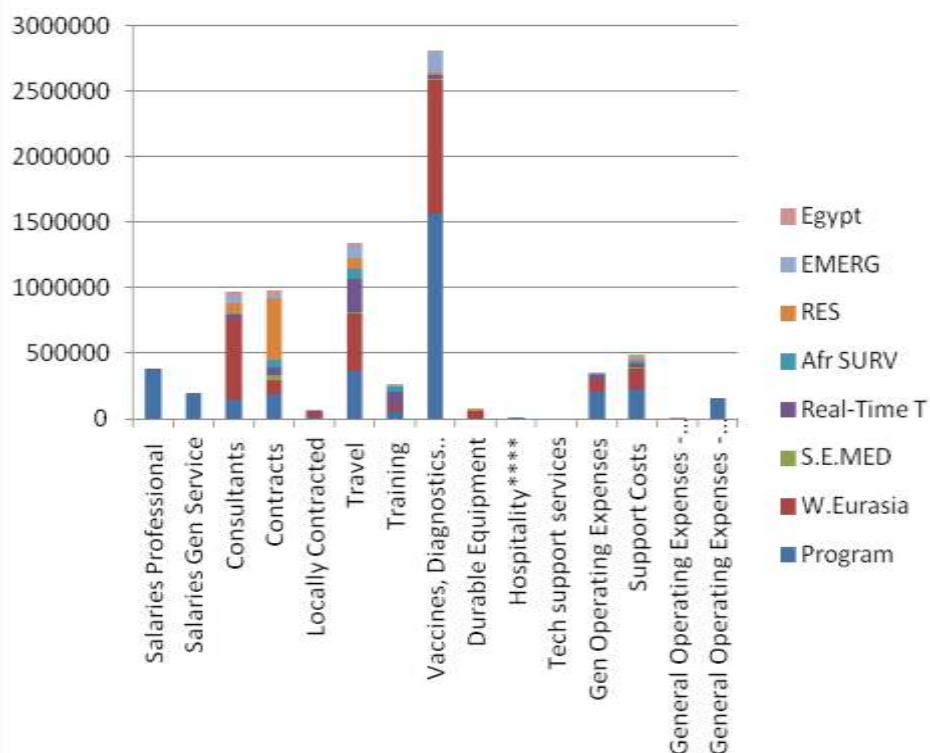
BABY01	BABY02	BABY03	BABY04	BABY05	BABY06	BABY07	BABY08
W.Eurasia	S.E.MED	Real-Time T	Afr SURV	RES	EMERG	Egypt	Thrace



Expenditure as a proportion of each budget line



Total Expenditure by Budget Line and Baby Project



OVERVIEW OF THE MAJOR COMPONENTS OF THE FOUR YEAR PROGRAMME - SINCE SEPTEMBER 2009

Component	Subcomponent	Year 1 09/2009-08/2010	Year 2 09/2010-09/2011	Year 3 October 2011 to Sept 2012	ACTIVITIES– October 2012 to February 2013	STATUS April 2013
1. Risk reduction in South-East Europe through support to FMD control in West Eurasia	West Eurasia Roadmap – Secretariat Collaboration with: FAO, OIE	1 st Roadmap Regional Progress Review (10/09)	2 nd Roadmap Review (11/2010)	3 rd Review (2/2012)	4 th Review (4/13)	Roadmap Platform established. Integration with GfTADS workplans agreed.
	West Eurasia – Risk assessment Collaboration with: EMPRES-i	Monthly and 6 monthly	Monthly and 6 monthly	Monthly Surveillance Report (Output)	Monthly Surveillance Report (Output)	Functioning, in use with four countries.
	West Eurasia- training in progressive control				PeP-C Course 1 : 6 countries	Epi-Network established, 6 countries trained.
	WELNET –lab network	Supported +++	Supported ++	Annual Meeting	Consultation only	Needs support.
	Thrace – improved surveillance for early detection of FMD		Yes (outbreaks in BG)	Yes (Design)	Yes (on programme)	Operational from April 2013.
	Trans-Caucasus project	TCC Multi-Country Programme	TCC Multi-Country Programme	TCC Multi-Country Programme	END: 2/2013	Completed. PCP Stage 2 strategies need formal acceptance.
	Iran project	Phase II Project (END)	Phase III Project	Phase III Project	Phase III Project	To be completed Sept 2013. PCP Stage 2 strategy needs formal acceptance.
2. Activities to reduce FMD risk in the South and East Mediterranean countries	Egypt		Project (150 k USD)	Project end Feb 2012. Emergency programme (to 09/2012)	None except Training (PeP-C)	Activities completed. Further PCP progress at risk.

Component	Subcomponent	Year 1 09/2009-08/2010	Year 2 09/2010-09/2011	Year 3 October 2011 to Sept 2012	ACTIVITIES– October 2012 to February 2013	STATUS April 2013
	Co-ordination in FMD response and progressive control programme development			TAIEX Meetings	FAO Regional Strategy Meetings	At risk. Needs programme agreed and supported.
3. Field based FMD Training Programme	Real-Time Training programme (NTC)	Yes (in Turkey)	Yes (Turkey +Kenya)	Yes (Kenya)	Yes (Kenya)	Cycle of training completed (EC program).
4. FMD surveillance in the African proximity		Yes (shipments)	ExCoM decision to support Lab Networking.	Yes (EARLN-FMD, RESOLAB-FMD)	Support Co-ordination only	Established networks and information sharing. At risk.
5. Technical studies	Projects funded through Concept Note Review Process	YES	YES	YES	YES	Several ongoing for completion by September.
6. Response to FMD Emergencies			YES - Bulgaria	YES- SAT2 multicountry response		Response activities completed.
7. Strengthening FMD laboratories in the Balkan Region				Tender	Gap analysis	Reported. Decision on follow-up needed.
8. Improved Contingency Planning through use of decision support tools			Consultation, survey – identify need and scope	Europe-wide Workshop (Denmark) Workshop in Turkey (endemic regions)	Training Workshop (8 countries, Vienna)	Reported. At risk some countries will not use. Future support on demand (Menu of training options).
9. WRL contract +PTS		YES- Annual (EUFMD TF)	YES- Annual (EUFMD TF)	YES- Annual (EU TF)	YES- Annual (EU TF)	Extension to cover 2013 agreed.

SUMMARY : MAIN ACTIONS UNDERTAKEN BETWEEN SEPTEMBER 2011 AND APRIL 2013

Three six-month reporting periods are shown corresponding to the reporting to the Executive Committee Sessions.

Component	Subcomponent	ACTIVITIES– October 2011 to March 2012	Reports (1)	ACTIVITIES– April 2012- to Sept 2012	Reports (2)	ACTIVITIES– October 2012 to February 2013	Reports (3)	STATUS April 2013
10. Risk reduction in South-East Europe through support to FMD control in West Eurasia	West Eurasia Roadmap – Secretariat Collaboration with: FAO, OIE	3 rd Roadmap progress review meeting held in Istanbul, March 2012	Draft recommendations (at meeting). Provisional Roadmap completed. Report being drafted	3 rd Roadmap progress review meeting held in Istanbul, March 2012 Planning for 4 th Roadmap meeting initiated: possible to be held in Baku	Report circulated and online	Planning and preparation for the 4th Roadmap Meeting , to be held in Baku 2-4 April 2013. Procedure followed for GfTADS labeling of the event; GfTADS Management Committee agreement reached (Jan 2013) that event will be labeled as GfTADS. Draft agenda prepared and circulated to GfTADS Regional SC Europe and Mid-East.		4 th Roadmap Review completed.
	West Eurasia – Risk assessment Collaboration with: EMPRES-i			FMD database : transition to EMPRES-i GEO, ARM, AZER, TURKEY participate in data sharing (monthly)	Monthly reports (TCC)	West Eurasia FMD Database: Consultation with FMD National consultants (TCC, TUR, Iran) (Istanbul, Dec 2012) on data access. EMPRES-i system software components configured for automated reporting and restricted data access Turkey: fully participates in data sharing. Mission to resolve GIS mapping of all epi-units and animal demographics.	<i>Monthly FMD vaccination reports (TCC)</i> <i>Monthly FMD surveillance and vaccination report (Turkey)</i> <i>Monthly FMD surveillance and vaccination report (Iran).</i>	Database established, 4 countries participate and utilize. Regional interest, further uptake /country participation expected

Component	Subcomponent	ACTIVITIES– October 2011 to March 2012	Reports (1)	ACTIVITIES– April 2012- to Sept 2012	Reports (2)	ACTIVITIES– October 2012 to February 2013	Reports (3)	STATUS April 2013
	West Eurasia- training in progressive control			Practical epidemiology for progressive control (PeP-C) Training course developed and initiated	PeP-C Week 1 completed (12 participants), Sept 2012	1 st course (4 weeks over 4 months) delivered, involving 16 trainees from 6 countries (ARM, AZB, GEO, TUR, EGY, IRN) Ongoing communication with trainees through Wikispace	<i>Reports available from each training week, plus overall report (McLaws BTORs)</i> <i>Training material on PeP- C Wikispace</i> <i>Presentation (Prezi) describing course</i>	Training Completed, Network of Trainees established. Outlook: 2 nd Course proposed. Russian version needed.
	WELNET –lab network			Agreement Iraq- Turkey on sample submission to SAP Institute		Activities promoted at no cost to EuFMD/EC: 1. FMDV samples from Iraq transported in RNA later by land route to Turkey, sequenced and analyzed in SAP Institute; results show trans- boundary circulation of A/Iran-05/SIS-10 strain. 2. FMDV sequences shared between Iran and Pirbright. 3. Collaboration with: USAID funded FAO project (Pakistan), on improving capacity for molecular analysis in Pakistan through collaboration with European institutes .		Status Awaits decision on actions/funding. Outlook: WELNET is vital. Funding needed.
	Thrace – improved surveillance for early detection of FMD			Support letter from SANCO received. Workshop held September 18-21 st in Istanbul (TUR, GRE, BUL)	Draft report received. Report to ExCom	Surveillance model finalized (AusVet Consil). Invitations issued for Tripartite (TUR,GRE, BG) meeting to finalize surveillance programme for 2013 on 13 th Feb	<i>Report on workshop and surveillance model received. Report to ExCom</i>	Status: initiated only in 4/2013. Outlook: Good – country commitment.

Component	Subcomponent	ACTIVITIES– October 2011 to March 2012	Reports (1)	ACTIVITIES– April 2012- to Sept 2012	Reports (2)	ACTIVITIES– October 2012 to February 2013	Reports (3)	STATUS April 2013
	Trans-Caucasus project	<p>Autumn vaccination completed.</p> <p>Co-ordination meeting held for Spring 2012 campaigns.</p> <p>EC agreed to provide 500,000 doses of vaccine to fulfill project commitment to provide vaccine in spring 2012.</p>	<p>Co-ordination Meeting report.</p> <p>Monthly reports (to February- March 2012).</p>	<p>Vaccine use assessment mission completed (Krnjaic/Ryan) following EC provision of 500,000 doses of vaccine.</p> <p>Protocol governing authorization of release of EC-supplied vaccine reserve written.</p> <p>Project activities on track.</p> <p>Mission Potzsch (July to GEO, ARM) and project co-ordination mission (Tbilisi).</p> <p>Final phase activities planned (lab training, Simulation Exercise (lead Consultant: Robert Paul).</p> <p>Coordination with: USDA & US DTRA activities in Georgia.</p>	<p>Co-ordination meeting report.</p> <p>Monthly reports (to August 2012).</p> <p>Report of vaccine assessment mission circulated to EC.</p>	<p>Activities funded from EC TF:</p> <p>1.Desktop simulation exercise for Georgia, Armenia and Azerbaijan held in Signaghi, Georgia, 6-7 November. Leaders: C.Potzsch, R. Paul, T. Alexandrov. Observer: C. Danielsson, Swedish Board of Agriculture.</p> <p>2.Laboratory training course in the use of real-time PCR to detect FMDV held in Tbilisi, 4-8 February, with trainees from all three countries. Trainers: Thomas Bruun Rasmussen, Vesna Milicevic. 3. Transfer of data to EMPRES-i discussed in further detail at PeP-C week 4, Istanbul, with TCC national consultants.</p>	<p><i>Co-ordination meeting report.</i></p> <p><i>Monthly reports (to December 2012).</i></p> <p><i>Report of vaccine assessment mission circulated to EC.</i></p> <p><i>Reports of the Simulation Exercise, 11/2012 from leaders and from the observer.</i></p>	<p>Status:</p> <p>3 year Programme 2010-12 completed.</p> <p>Outlook:</p> <p>No new TCC programme or No further delivery of vaccine.</p> <p>Need for continued technical support to promote FMD management, under the West Eurasia programme.</p>

Component	Subcomponent	ACTIVITIES– October 2011 to March 2012	Reports (1)	ACTIVITIES– April 2012- to Sept 2012	Reports (2)	ACTIVITIES– October 2012 to February 2013	Reports (3)	STATUS April 2013
	Iran project	Major activities on track. Supervision mission completed 12/2011. Project timetable and delivery reviewed in march 2012 at co-ordination meeting in Istanbul.	Monthly Disease information reports. 6 monthly progress report – April 2012.	Major activities on track. Supervision and training mission completed June 2012. Animal identification and registration study tour to Montenegro completed in June 2012. Activity plan to 12/2012	Monthly Disease information reports, Mission Reports. Proficiency test Results for Central Lab (WRL-PTS)	Activities supported under EC TF, Iran project Agreement: 1. 4 trainees from Iran attended 4 weeks of PeP-C training course; 2. Project meeting – Istanbul Dec 2012, including activity planning through early 2013; 3. L. Bakkali mission 16-22 Nov 2012: progress in the QA system for the subnational FMD laboratory network; 4. Questionnaire survey of animal markets completed Dec 2012 (data entry ongoing); 5. K. van Maanen missions to train staff in cattle challenge (full vaccine potency tests) at Razi Institute in a series of missions in Feb-Mar 2013; 6. Market Swab sampling: initial feasibility study completed, protocol for further work developed.	<i>Monthly Disease information reports, Mission Reports.</i> <i>Proficiency test Results for Central Lab (WRL-PTS)</i>	Status: Three year Programme will conclude by Sept 2013. Outlook: National commitment high, but progress has been good. Diagnostics and vaccines are major challenge given sanctions. Need for continued technical guidance to promote FMD management, under the West Eurasia programme.
11. Activities to reduce FMD risk in the South and East Mediterranean countries	Egypt	Technical missions; lab and epi-support. National Sero-survey for PCP Stage 1 completed. EuFMD Project Phase 1, Final Workshop 29 th February 2012.	Final Workshop report -29 th March. National sero-survey completed and analyzed. Risk report (29 th Feb) provided to EC/Executive.	1. FMD mgt Emergency missions to Egypt (April, May). 2. National FMD mgt. workshop, Cairo 2-3 rd May. 3. Surveillance Programme proposal developed and submitted to EC-SANCO in August for support	Mission reports. Waiting for EC response	Funded under EuFMD/EC programme: 1. Diagnostic kits and training for SAT2 diagnosis had been supplied in previous 6 months. 2. Surveillance reports (Egypt): not received as request to EC for surveillance support in previous 6 months had received no answer and FAO/EuFMD national consultants contracts	<i>Action plan developed for surveillance support (Bartels, EuFMD).</i> Requires ExCom decision. <i>Mission reports.</i> <i>Cairo FMD Workshop Report (FAO).</i>	Status: Specific support actions completed. No EC or Executive response to proposals made in 2012.

Component	Subcomponent	ACTIVITIES– October 2011 to March 2012	Reports (1)	ACTIVITIES– April 2012- to Sept 2012	Reports (2)	ACTIVITIES– October 2012 to February 2013	Reports (3)	STATUS April 2013
				Collaboration with: FAO ECTAD, FAO RNE, EMPRES		terminated. 3. Action plan developed for surveillance support to Egypt in first 6 months of 2013. Requires ExCom decision.		
	Co-ordination in FMD response and progressive control programme development Coordination with: FAO-CMC, TAIEX, OIE, FAO Tunis, REMESA			Participation in TAIEX workshop in Cyprus, Sept 2012, covering FMD regional threats; EuFMD chaired session on vaccination strategies.	Report on TAIEX website due soon; report to ExCom.	Activities funded by FAO: Workshop on Regional Coordination of Foot and Mouth Disease Surveillance, Diagnosis and Control in the Near East and North Africa, Cairo, Egypt, 4-5/12/12. <i>Keith Sumption and Dimitrios Dilaveris participated with FAO support, assisting in PCP self-assessment and Roadmap construction.</i> Funded by OIE: Five country meeting (EGY-IRQ-JOR-LEB-SYR) on FMD held in Beirut, 18 th /12. EuFMD not invited. FAO participated (M Tibbo).		Outlook: Future actions under Pillar 2 , and agreed with GFTADS
1. Field based FMD Training Programme	Real-Time Training programme (NTC)	Four real-time Training Courses held in period.	Each Course reported (Training wikispace).	One real-time Training Course held in period (September 2012) New Real-Time training approach	Each Course reported (Training wikispace). Very positive feedback-	Funded under EC-TF: Three real –time training courses held from December to January NTC11- 12-13) training a total of 35 MS vets plus 9 local vets. <i>[Note: in addition one FAO staff member (H. Ormel, NL)</i>	<i>Each Course reported (Training wikispace).</i> <i>Very positive feedback- trainees</i>	Status: 8 courses completed since 9/2011. Outlook: Proposed continuation under

Component	Subcomponent	ACTIVITIES– October 2011 to March 2012	Reports (1)	ACTIVITIES– April 2012- to Sept 2012	Reports (2)	ACTIVITIES– October 2012 to February 2013	Reports (3)	STATUS April 2013
				<p>piloted (Sept 2012).</p> <p>Use of smart-phone apps for rapid epidemiological investigations and local risk factor investigations, with knowledge transfer to trainees</p>	trainees	<p>and one West African lab expert from RESOLAB FMD network, funded by NL Government and FAO Identify projects at no cost to EuFMD]</p> <p>-Smart-Phone based epi-data collection implemented in each course for rapid assessment of FMD spread.</p> <p>Implementation of new exercise-centered training approach.</p> <p>-Use of questionnaires to evaluate training experiences (both a standard evaluation form and a survey monkey one), including evaluation of a proposed e-learning module.</p> <p>-Training manual revised.</p> <p>-Photo and Video library expanded.</p> <p>-Collaboration: Improvement to operations through FAO Kenya by greater involvement of FAO Animal health Team (ECTAD) in Kenya.</p>		new programme 2013-15
2. FMD surveillance in the African proximity		Annual FMD surveillance network meetings held and workplans generated.	<p>Monthly FMD report of the EuFMD includes input from the Network coordinators.</p> <p>Regional</p>		Monthly FMD report of the EuFMD includes input from the Network coordinators.	<p>Complementary, no cost (to EuFMD/EC) activities:</p> <p>1. Delivery of FMD diagnostics to East and West African labs: funded by IDENTIFY project</p>	<p><i>Monthly FMD report of the EuFMD includes input from the Network coordinators.</i></p> <p><i>Regional surveillance report - Annual Meeting.</i></p>	<p>Status:</p> <p>Positive evaluation by STC.</p> <p>No current support (2013).</p>

Component	Subcomponent	ACTIVITIES– October 2011 to March 2012	Reports (1)	ACTIVITIES– April 2012- to Sept 2012	Reports (2)	ACTIVITIES– October 2012 to February 2013	Reports (3)	STATUS April 2013
		West/Central Africa: RESOLAB-FMD (Bamako, 12/2011) Eastern Africa : EARLN-FMD (Nairobi, March 2102).	surveillance report - Annual Meeting.		Regional surveillance report - Annual Meeting.	(FAO/USAID). 2.EARLN- FMD: publication on East African Lab functions and capacity published (no cost to EuFMD; Uganda/DVI project Lead)		Outlook: Workplans for 2013 proposed for support by FAO field offices. Very low cost, high need for continuation. GfTADS issues.
	West/Central Africa: via RESOLAB-FMD North Africa – via REMESA Lab Network Collaboration with: USAID IDENTIFY, EMPRES, FAO ECTAD, FAO RAF, RESOLAB			FMD-SAT2 laboratory diagnosis course held in ANSES, Paris (May 2012) with North African and Sahelian zone countries. Surveillance plans developed with each country. Collaboration with: ANSES, FAO Tunis FMD diagnostic course held in Accra, Ghana (funded by USAID IDENTIFY project , EuFMD provided lab trainers and planning). Nine counties have a new capacity and kits for FMD	Surveillance plan for North Africa: report to ExCom Surveillance plan for West Africa: being drafted.	Supported by EC TF : 1. EuFMD consultant (L. Bakkali-Kassimi) supported to attend annual RESOLAB meeting in Dakar in December, for coord/planning 2013 RESOLAB activities.	<i>Monthly FMD report of the EuFMD includes input from the Network coordinators</i>	See above

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				serotyping, with mainly US funding. Follow up actions identified, to be funded by USAID with technical input from EuFMD.				
	Eastern Africa: EARLN-FMD			Sample shipment Eritrea, Ethiopia and Sudan to WRL Collaboration with: EMPRES Shipping Service FMD Manual developed by network. Vaccine matching capacity – technical advice to establish provided (van Maanen mission).	Monthly FMD reports to EuFMD	2. EuFMD consultant provided backstopping for vaccine matching, in Kenya (at the only lab that conducts vaccine potency and quality tests in East Africa, in Kenya). 3. East and West Africa network animators provide Monthly Update reports to EuFMD on outbreaks and lab findings	<i>Monthly FMD report of the EuFMD includes input from the Network coordinators</i>	As above
3. Technical studies		Implemented: Anatolia wild boar surveillance project (CN approved 10/2011) 2. Wild boar tracking project Submitted to STC: CN for non-invasive	Final report awaited from the Anatolia Wild Boar project. Initiated 3/2012 STC report, 3 rd Feb.	Completed: Anatolia wild boar surveillance project Implemented: Wild boar tracking and non-invasive sampling project • Contracts with IAH and DTU for PCR-typing of African serotypes and methods of transporting samples cheaply	Final report awaited from the Anatolia Wild Boar project. Progress reports	1. Closed Meeting of the Research Group held, identified priorities for further work (October 2012). 2. Technical study funded to apply smart-phone app on data collection to FMD outbreak investigation and risk factor determination; this study is now partially completed, and an interim report is due at the end of February. 3. Wild Boar tracking study: ongoing.	<i>Papers presented at Jerez on studies commissioned in 2011-12.</i>	Status: All current projects to be completed by September 2013. Outlook: Research Fund to be established under new programme.

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		sampling		<ul style="list-style-type: none"> • Vaccine effectiveness studies (in Turkey) • Contract to develop an “FMD surveillance design and analysis model “ 	First of the serotyping PCRs used for SAT2 in Egypt; to be reported at Open Session	4. Wild Boar non-invasive diagnosis study; agreements with FLI and Serbian national laboratory developed for <i>in vivo</i> and in vitro testing. 5. FMD Surveillance model finalized and published/ online (Ausvet). 6. Project to develop serotyping PCRs for African FMDV: ongoing.		
4. Response to FMD Emergencies		<ul style="list-style-type: none"> • Egypt- emergency mission • SAT2 diagnostic assays ordered. • Asia-1 vaccine effectiveness study, Turkey • Trans-Caucasus; negotiation with EC, provision by EC of 500,000 doses of TV vaccine in place of EuFMD project procurement. 	<p>Reported March 2012.</p> <p>Reported Feb 2012.</p> <p>Delivered March 2012.</p>	<ul style="list-style-type: none"> • Egypt- emergency missions in April- June • SAT2 diagnostic ELISA kits provided to at risk Mediterranean fringe countries. • Surveillance in high risk border zones: workshop Cyprus June 2012 (Israel, PAT, Egypt, Jordan, Cyprus). • Surveillance and FMD management regional workshop, Rabat (under UMA/ REMESA), funded by EC through EuFMD • Asia-1 vaccine effectiveness study, Turkey 	<p>Reported.</p> <p>Reported Feb 2012.</p> <p>Delivered March 2012.</p> <p>Report</p> <p>Report</p>	<p>No emergency responses in period.</p> <p>Funded by FAO or national (Libya) funds:</p> <p>1. EuFMD participated in Cairo workshop in December to evaluate regional PCP progress and control strategies. 2. EuFMD participated in two meetings (Rome and Brescia) on a proposed Italian-funded, REMESA-supported project on FMD control in Libya, in coordination with FAO EMPRES and IZSLER. 3. Two Libyan trainees attended EuFMD Kenyan real-time training courses in January. This was fully funded by Libya, and will assist them in developing their outbreak investigation abilities.</p>		<p>Status:</p> <p>Israel/Palestinian Territories mission 4/2103.</p> <p>Other recent emergency actions closed.</p> <p>Outlook:</p> <p>To retain technical capacity in team to respond, and financial and operational mechanisms agreed with EC (and FAO).</p>

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5. Strengthening FMD laboratories in the Balkan Region		Tender launched 12/2011. Referred to the EuFMD Executive, 83 rd Session.		Gap analysis missions undertaken by IAH for EuFMD, Aug-September. Meeting held with representative of EC IPA project on rabies & CSF in West Balkans to coordinate epidemiological and laboratory support Coordination with: EC IPA project		Funded under EC TF: 1. Gap analysis missions by IAH for EuFMD, October 2012 – February 2013 (Bosnia and Herzegovina, Kosovo, Montenegro, Albania, FYROM, Moldova). 2. Participation (Eoin Ryan) in IPA Laboratory Networking Workshop held in Belgrade in order to coordinate activities with CSF/rabies Project	<i>NRL assessments(summary tables) available from each mission provided by IAH consultant, Dr J Bashiruddin. Final report and recommendations by IAH expected at ExCom</i> <i>Report expected at ExCom</i>	Status: Gap analysis missions complete. Outlook: To widen to emergency management issues under Pillar 1 of the new programme
6. Improved Contingency Planning through use of decision support tools		Series of Workshops planned, with 1 st CVO Workshop in Denmark, June 2012. Decision on support after WS 1 referred to 83 rd Session.		First Workshop held at the CVO Meeting in Denmark, June 2012. Second workshop planned for Vienna, October. Secretary and Chairman of the STC participated in RAPIDD policy/modeling for FMD workshop, September (RAPIDD funded)	<i>Report to ExCom</i>	Funded under EC TF, Component 8: 1. Workshop on the use of modeling and decision support tools held in Vienna in October. 16 trainees from 8 countries (Austria, Serbia, Croatia, Hungary, Slovakia, Slovenia, Czech Republic, Malta). Very positive feedback. 2. Follow-up plans for further actions discussed with Standing Technical Committee.	<i>Report to ExCom</i>	Status: Workshops completed. Outlook: Menu of training in this field proposed under the Pillar 1 Training Initiative
7. WRL contract		Funding agreement received from EC.	Outputs are services to countries and diagnostic reports to FAO; reports online;	Contract (150,000 per annum US\$) developed with IAH covering	As before	Funded under EC TF, Component 9: Letter of Agreement (LoA)	<i>As before</i> <i>Signed and implemented. First payment made on</i>	Status: LoA to be extended to include additional

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		Contract under development with WRL covering surveillance activities 2011-12.	reported every 6 months to ExCM and annually (Global Surveillance)	surveillance activities 2011-12.		for services in 2011-12. Discussions on coordination of EuFMD/WRL activities with overall proposed FAO/WRL global contract held with FAO FMD unit. Discussion on improved coordination of management of PTS for EuFMD-supported labs held with WRL colleague.	21 Dec (USD 91,000). <i>Proposal by FAO developed for discussion at ExCom.</i> .	years of support (2013). Outlook: Pillar 3 action supporting the Global Strategy, decision on support to be taken in late 2013 for years 2014-15.

ANNEX 1. EVALUATION BY THE STANDING TECHNICAL COMMITTEE, JANUARY 2013

The Executive Committee reviewed evaluation arrangements. Taking into account the time taken for formal evaluation by FAO, they asked the Standing Technical Committee to review the programme before the 85th Session.

The STC reviewed the programme undertaken in 2011-13 in relation to the 3 Pillars (New Strategic Goals) for the 2013-17 Programme.

The 3 Pillars being:

1. To Improve readiness for FMD crisis management by Members;
2. To Reduce risk to Members from the FMD situation in the European neighbourhood (progressive control in neighbouring regions);
3. To Promote the global strategy of progressive control of FMD;

They reported their conclusions to the 85th Session. This provides a summary of their Observations.

Several components they identified as important under **Pillars 1 to 3** for European countries were not represented directly in the components of the 2009-13 programme. Regarding each component, of note is their conclusion on #4, African surveillance networks:

"The studies were very successful and represented excellent value for money thanks to the approach of collaborating with local networks and third party funding agencies".

Summary of STC Observations on EuFMD Work Programme (from Report of the 85th Session, Feb 2013)

<i>Component of the 2009-13 Programme</i>	<i>Pillar</i>	<i>Activity</i>	<i>Comment</i>
	1	Overall	This is the main priority and should be adequately funded.
	1	Horizon scanning	Very important, for example to take account of changes in the industry (e.g. different incentives for livestock keepers) and in technology (e.g. modeling to assist in contingency planning). Therefore need broad mix of expertise within Special Committee on Research and Programme Development.
3	1	Training	Very successful programme. Good plan to increase reach by e-learning but need to understand the model for growth and sustainability.
	1	Expertise	Need to strengthen expertise in Epidemiology, Economics and Outbreak Management within the Special Committee on Research and Programme Development.
9	1	Laboratories	Agree value of maintaining proficiency testing to non-EC MS (e.g. Balkans). Need to ensure that findings are followed up to secure improvements where needed. Should representatives from these labs be funded by EuFMD to attend annual meetings of the EC National FMD Reference Laboratories?
5	1	Vaccines	Still need to develop position paper to set out current process and possible short-comings in relation to how the public-private partnership works to make available new vaccine strains.
	1	Expert Groups	The Special Committee on Research and Programme Development is in many ways a EuFMD version of what is required within individual MS. Worthwhile to review practices in different MS at same time as changing EuFMD model.

5	1	Biosecurity	Need to ensure that there is a lead on this within the Special Committee on Research and Programme Development (Bernd Haas) and that this person is empowered to review processes.
1	2	PCP support	Needs to be integrated into wider FAO plans. Doubts over credibility of timetables and concern over lack of critical review process.
2	2	Middle East	Good idea to better coordinate EuFMD consultancy support to the region. EuFMD investment/effort should be as a partnership and linked to local commitment to disease control.
6	2	Emergency response	Egypt model of getting in fast to provide immediate advice, but then leaving larger scale (and more expensive) follow-up/programme development to others seems a good one.
4	3	Wider surveillance	EuFMD activities need to be integrated into wider FAO plans for Lab Networks