The Global FAO-OIE FMD Control Strategy
Strengthening animal health systems through improved control of major diseases (2012-2026)

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On behalf of the OIE FAO Working Group

3rd Annual West Eurasia Road Map Meeting
27-29 March 2012, Istanbul, Turkey
The Global FAO-OIE FMD Control Strategy
And its articulation to regional initiatives, including Regional Road Maps
Recommendation of the First International Conference on FMD Control, Asuncion, June 2009:

- To establish an GF TADs FMD Working Group
- To prepare an FMD Global Control Strategy

Resolution of the 79th General Session, OIE, May 2011:
Support to the preparation of an FAO-OIE GF TADs Global FMD Control Strategy
Consultation process for the elaboration of the FMD Global Strategy  
Workshop 2-4 November 2011, Paris, Presentation of the Draft Strategy
Outline of the Global Foot and Mouth Disease Control Strategy

1. Context of the Strategy (history and present worldwide FMD situation)

2. Rationale for FMD control
   - In developing countries food security and increased income generation through raising animal production and better market opportunities (FMD damage gravely underestimated - overview of related socio-economic studies)
   - In developed countries reduced risk for FMD virus introduction
   - Spin off effects:
     - improved animal health systems (output 2)
     - Better control of other TADs (output 3)
3. Tools

**OIE standards new article in the Terr. Code**

**Surveillance systems**

**Laboratories**

**PCP-FMD**

**The Progressive Control Pathway for Foot and Mouth Disease**

**Vaccines**

**WAHIS**

**WAHID**

**The OIE PVS Pathway**

- **Diagnosis**
- **Proscription**
- **Treatment**

- **Veterinary Legislation**
- **Public/Private Partnerships**
- **Veterinary Education**
- **Laboratories**
- **PVS Pathway Follow-Up Missions**

The OIE collaborates with governments, donors and other stakeholders.
Other tools in *more advanced* FMD control stages:

- Emergency response
- Identification of farms and animals
- Biosecurity
- Public/private partnerships

4. Already well-established Regional Programs: building experience
   SEACFMD and PHEFA (South America)

5. Research needs and expectations
   (research funding requested, but only foreseen for specific purposes)
6. Activities: the strategy

Underlying principles

• The world is a global village
• We can do better with existing tools
• Prevention for FMD free countries should include support to fighting/eliminating the disease at source
• Risk-based approach at country level in FMD endemic countries, mainly based on the PCP
• FMD control hand in hand with improvement of veterinary services (spin-off effect)
Underlying principles (cont.)

- The strategy is tailored according to the national and regional situations
- Concept of regional virus pools
- Interim benefits along the pathway to control and eradication to be constantly assessed
- FMD control is considered to be a global public good
- Firm political and economic commitment
Activities at global level

(FAO, OIE, through FMD-WG)

• Advocacy and communication: FMD control is considered to be a global public good
• Further development/roll out of the Global Strategy
• Technical support to FMD endemic countries (by assisting with programs, projects, list of approved experts)
• Harmonization/coordination of acceptance procedure of country PCP status (with clear role of GF-TADs regional Steering Committees)
• Monitoring progress and constraints, Annual report of global FMD control situation
Activities at regional level

Regional GF-TADs Steer. Committees

- Try to combine FMD control strategy with other regional priorities (disease control or production programs) to increase incentives (for instance PPR)
- Create and support laboratory and epidemiology networks
- Support regional labs (for vaccine quality control); set up vaccine banks where appropriate
- Conduct regional roadmap meetings to exchange information, to coordinate, to stimulate and to review progress and remove constraints
Activities at country level

Capacity building through Technical Cooper. Projects and specific training:

• At central Veterinary Service level (epidemiological expertise, laboratory, organization, finances, legislation)

• At regional Veterinary Service level (operational)

• In the field (vets, paravets, veterinary assistants, laboratories...)

To build relationships and trust with farmers, small holders, other stakeholders

To increase awareness through better information

To raise laboratory capabilities
7. Limiting factors

Political commitment, Vet. Services, Economical capacity
No clear benefits other than exports
Movement controls, Globalisation of trade
Wildlife reservoir
Epidemiology knowledge
National surveillance systems, International surveillance
Laboratory capacities and regional networking
Vaccination: mass vaccination, vaccines, vaccine quality control
Education, training
Private Public Partnership
8. Implementation, governance

- International level
- Regional level
- National level

9. Conclusions
Part B
Action Plan and Cost of the strategy

Part C
Portfolio and Financial Gaps

Bibliography
Annexes
Articulation of the Global FMD Control Strategy to regional initiatives including Regional Road Maps
FMD: 7 regional virus pools

Reference Laboratories and Collaborating Centres

Reference Centres (UK, Belgium, Italy, South Africa, India, Russian Fed – at 3/09)

Regional/National Reference Centres

- Pool 1: O, A, Asia 1
- Pool 2: O, A, Asia 1
- Pool 3: O, A, Asia 1
- Pool 4: A, O, SAT 1, 2, 3
- Pool 5: O, A, SAT 1, 2
- Pool 6: SAT 1, 2, 3
- Pool 7: O, A

- FMD: 7 regional virus pools

- FMD - Free
- Free. Virus present in game parks
- Intermediate, sporadic
- Endemic
- Free with vaccination
- Countries with multiples zones

Source: Annual OIE/FAO FMD Reference Laboratory Network Report, 2007
Incursions of FMDV to the European neighborhood: mainly from Pools 3 and 4
Past 12 years (2000-11)

from West Eurasia (Pool 3) and East Africa (Pool 4), and from South Asia (Pool 2 to parts of the Arabian Gulf)

Type O, Type A, Type Asia-1, Type SAT2
## West-Eurasia regional roadmap

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### Countries
- Afghanistan
- Armenia
- Azerbaijan
- Georgia
- I.R. Iran
- Iraq
- Kazakhstan
- Kyrgyzstan
- Pakistan
- Syria
- Tajikistan
- Turkey
- Turkey Thrace
- Turkmenistan
- Uzbekistan

### Levels
- **Level 0**: Red
- **Level 1**: Orange
- **Level 2**: Yellow
- **Level 3**: Green
- **Level 4**: Yellow
- **Level 5**: Green

### Map
- 1
- 2
- 3
- 4
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- 6
- 7
Some regional programmes

- European Union
- South Asia
- West Eurasia
- SEA C FMD
- Southern America: PHEFA, CVO/PAMA
Presentation at the Joint FAO/OIE Global Conference on the Control of FMD
Bangkok, Thailand
27-29 June 2012
• Information published on FAO and OIE websites
• Expected number of participants 350 – 400
• Ministers of key countries are invited
• Conference starts with a technical part ("State of the art") and ends with a “Donor consensus support session” for donors, Reg Org. and individual countries
Thank you for your attention