

Name of the country:

Date of submission:

Completed by

Name:

Contact information:

PCP Stage 1 focus: “To gain an understanding of the epidemiology of FMD in the country and develop a risk-based approach to reduce the impact of FMD ”

Instructions for filling out the PCP checklist:

1. Please complete and return to: FAO-FMD@fao.org and OIE-FMD@oie.int by 10 April 2014
2. Please complete the checklist corresponding to your country’s PCP Stage assignment at the most recent Roadmap meeting. If you believe that your country should be in a different PCP stage this year, then please fill in both checklists.
3. All questions, EXCEPT those **shaded yellow**, should be answered as either Yes or No, or Not applicable.
 - a. If the answer is Yes, please indicate with the number 1.
 - b. If the answer is NO, please indicate with a 0 (zero).
 - c. If the question is not relevant to the country situation (eg relates to swine production when there is none in the country), please mark NA.
4. Cells **shaded yellow** should be answered with a number ONLY
5. Activities are either Required or Recommended.

- a. Required: These activities are indicated by the grey shading. Some activities or conditions are considered essential and fundamental to progression in the PCP, and so are required to complete the PCP Stage. A country can remain within the Stage without fulfilling all of these required activities...but they must be fulfilled in order to progress to the next stage.
 - b. Recommended: These are not required to complete the Stage, but are suggested, and if completed generally indicate high quality or thoroughness
6. Further explanation about each Stage and Outcome is included in the *Checklist Explanation* document. Words in red are included in the *Glossary* at the end of the document.

PCP Stage 1 focus: “To gain an understanding of the epidemiology of FMD in the country and develop a risk-based approach to reduce the impact of FMD ”

Outcome	Criteria		Questions	COMPLETE THIS COLUMN Yes=1 , No=0 Not applicable=NA, Yellow = enter a number
To enter Stage 1				
To have a comprehensive plan to gain insight into the epidemiology and socio-economic impact of FMD	Plan is comprehensive	0.1	Is there an official, written plan in place to study the epidemiology and socioeconomic impact of FMD?	
		0.2	Does the plan indicated above include a study of the structure of livestock production throughout the country for all FMD susceptible species (cattle, small ruminants, pigs)?	
		0.3	Does the plan include activities to estimate FMD incidence ?	
		0.4	Does the plan include activities to describe FMD transmission pathways ?	
		0.5	Does the plan include activities to estimate the socio-economic impact of FMD?	
	Quality indicators	0.6	Does the plan include a timeline for activities?	
		0.7	Does the plan include a budget estimate for each activity?	
		0.8	Does the plan describe the organisational structure to carry out the study? There should be a clear description of who (what person or working group) is responsible for the different activities and components of the plan.	
		0.9	Have any of the activities described in the plan been initiated?	
Outcome 1				
All husbandry systems, the livestock marketing	Animal movements are		<i>"Thoroughly described" means information is be available about numbers, origin and destination, reasons (drivers or motives) for the movement and any seasonal patterns</i>	

Outcome	Criteria		Questions	COMPLETE THIS COLUMN Yes=1 , No=0 Not applicable=NA, Yellow = enter a number
network and associated socio-economic drivers are well described for FMD susceptible species	understood	1.1	Are the movements of the key livestock species thoroughly described?	
		1.2	Are movements of cattle <i>within the country</i> thoroughly described?	
		1.3	Are movements of small ruminants <i>within the country</i> thoroughly described?	
		1.4	Are movements of swine <i>within the country</i> thoroughly described?	
		1.5	Are movements of cattle <i>into the country</i> thoroughly described?	
		1.6	Are movements of small ruminants <i>into the country</i> thoroughly described?	
		1.7	Are movements of swine <i>into the country</i> thoroughly described?	
		1.8	If there is transhumance or nomadic peoples, are the associated animal movement patterns thoroughly described?	
	Stakeholders and incentives		Stakeholders include farmers/producers PLUS all of the main players (people, organizations, companies) involved in breeding, transport of animals, milk/meat processing, feeding and marketing of animals.	
		1.9	Have key stakeholder categories involved in cattle production been identified?	
		1.10	Have key stakeholder categories involved in small ruminant production been identified?	
		1.1	Have key stakeholder categories involved in swine production been identified?	
		1.1	Are the incentives and constraints to the livelihoods of key stakeholders described? (ie. source of income, expenses, losses)	
		1.1	Are the regulations pertaining to each industry described and understood? (re: animal transport, marketing, taxes etc etc)	
Outcome 2				

Outcome	Criteria		Questions	COMPLETE THIS COLUMN Yes=1 , No=0 Not applicable=NA, Yellow = enter a number
The distribution of FMD in the country is well described and understood and a 'working hypothesis' of how FMD circulates in the country has been developed	FMD distribution	2.1	Have epidemiological units been defined for the purposes of FMD control?	
		2.2	Has the incidence of FMD been estimated for <u>one or more regions</u> (e.g. province, district) of the country, using robust epidemiological data collected within the last 12 months)?	
		2.3	Has the incidence of FMD been estimated for each and every region of the country, using robust epidemiological data collected in the last 12 months)	
		2.4	Has the incidence of FMD been estimated in one or more husbandry systems , using robust epidemiological data collected in the last 12 months)	
		2.5	Has the incidence of FMD been estimated for each and every husbandry system, using robust epidemiological data collected in the last 12 months)	
		2.6	Has an NSP serosurvey , specifically designed to estimate FMD incidence been done in the last 12 months?	
	Hypothesis of how FMD circulates	2.7	Have wildlife been assessed as a potential source of risk?	
		2.8	In the last 12 months, how many complete outbreak investigations been carried out to describe the clinical presentation and determine the source, spread and causative serotype?	
		2.9	Have the specific transmission pathways for FMD spread between and within different regions been identified?	
Outcome 3				
Socio-economic impacts of FMD on different		3.1	Have the direct losses due to FMD been identified and described?	
		3.2	Has the cost of FMD due to drop in milk production been estimated?	

Outcome	Criteria		Questions	COMPLETE THIS COLUMN Yes=1 , No=0 Not applicable=NA, Yellow = enter a number
stakeholders have been estimated		3.3	Has the cost of FMD due to reduced meat production been estimated?	
		3.4	Has the cost of FMD due to abortions been estimated?	
		3.5	Has the cost of FMD due to increased mortality in young animals been estimated?	
		3.6	Has the cost of FMD due to reduced draught power been estimated? (positive response to ONE of 1.29, 1.30 or 1.31 is required)	
Outcome 4				
Identification of circulating FMD strains	Identification of serotypes and strains	4.1	How many outbreaks have been clinically reported in the last 12 months	
		4.2	For how many outbreaks has the serotype been identified in the last 12 months? (O, A, Asia-1, SAT1, SAT2, SAT3)	
		4.3	For how many outbreaks has the virus been completely characterized in the last 12 months (FMD strain identified, sequenced, vaccine matching done)?	
	Quality indicators	4.4	Did the isolates originate from different regions of the country?	
		4.5	Did the isolates originate from different husbandry systems?	
Outcome 5				
There has been progress towards developing an enabling environment for control activities.	FMD surveillance and stakeholder support	5.1	Is FMD a notifiable disease?	
		5.2	Have farmers/members of the public reported suspected outbreaks to the Veterinary Authorities in the last 12 months?	
	Effective veterinary	5.3	Is there a defined body in the veterinary services devoted solely and specifically to FMD control?	

Outcome	Criteria		Questions	COMPLETE THIS COLUMN Yes=1 , No=0 Not applicable=NA, Yellow = enter a number
	services	5.4	Has there been a training course for field vets in the previous 24 months on reporting and diagnosis of FMD?	
	Supportive legal framework	5.5	Has the veterinary legislation been recently reviewed with respect to power to carry out FMD control?	
	Develop information system	5.6	Is there a centralized, (computerised) information system that stores FMD diagnostic and serology <i>laboratory results</i> ?	
		5.7	Is there a centralized, (computerised) information system that stores <i>data about reports of clinical FMD outbreaks</i> ?	
Outcome 6				
The country demonstrates transparency and commitment to participating in regional FMD control.		6.1	Did the country report to the OIE on FMD outbreaks within the previous 6 months?	
		6.2	Has the country shared information with other countries in region concerning the FMD situation (e.g. FMD incidence, which serotypes/strains are circulating)?	
Outcome 7				
Important risk hotspots for FMD transmission are identified	Identify and describe risk hotspots	7.1	Have FMD risk hotspots been identified?	
		7.2	Have the risk hotspots been studied and described (e.g .through development of risk pathways)?	
	Knowledge gaps	7.3	Have research activities needed to improve the understanding of <i>how FMD spreads</i> in the country been identified?	
		7.4	Have research activities needed to improve the <i>effectiveness of the mitigation of</i> FMD spread in the country been identified?	
Outcome 8				

Outcome	Criteria		Questions	COMPLETE THIS COLUMN Yes=1 , No=0 Not applicable=NA, Yellow = enter a number
To enter stage 2: A strategic FMD control plan that has the aim of reducing the impact of FMD in at least one zone or husbandry sector is developed	Strategic plan adopted	8.1	Is there an official and documented FMD control strategy?	
		8.2	Is this strategy endorsed officially by the Veterinary Services?	
		8.3	Are the activities clearly designed to mitigate the risk posed by FMD in the target zone(s)/sector(s)?	
	Stakeholder support	8.4	Have the likely impacts (positive and negative) of the control measures on all stakeholders been considered?	
		8.5	Have key stakeholders been consulted and do they endorse this strategy?	
	Quality indicators	8.6	Does the strategic plan include measurable targets to reduce the impact of FMD?	
		8.7	Does it include measurable targets/indicators for implementation?	
		8.8	Are the roles and responsibilities for veterinary staff, farmers and other stakeholders clearly defined in the strategy?	
		8.9	Is there a specified timeline for implementation of the strategy?	
		8.10	Is there a specific budget estimated to implement planned activities?	
		8.1	Is there a specific funding mechanism to implement FMD-related activities?	