

Tentative Plan of Operation (PO)

No.	Project Activities	Target/Indicator	Responsible/ Supported by	Japanese Fiscal Year (JFY)									Input	Remark			
				2010			2011			2012					2013		
				M	AMJ	JAS	OND	JFM	AMJ	JAS	OND	JFM			AMJ	JAS	OND
1	Preparation of the action plan																
1.1	Study on the appropriate diagnostic system in Uganda		DLHE, MAK-FVM, Project Office												• OIE standards		
1.2	Study on the current status of NADDEC and MAK-FVM		DLHE, MAK-FVM, Project Office												• Collaborative study		
1.3	Identification of the duties to be conducted by the respective institutes	• No. of joint meetings held	NADDEC, MAK-FVM, Project Office												• Collaborative study		
1.4	Formulation of the framework of the Joint National Animal Disease Diagnostic Laboratory(J-NADIC)	• No. of joint meetings held	DLHE, MAK-FVM, Project Office												• Meetings		
1.5	Formulation of sample flow from the field to the J-NADIC	• Finalised sample flow chart	DLHE, MAK-FVM, DVOs, Project Office												• Meetings		
2	Enhancement of the capacity of the J-NADIC																
2.1	Establishment of the integrated diagnostic service functions in the J-NADIC		DLHE, MAK-FVM, Project Office												• Meetings		
2.2	Establishment of sample reception system from the field		DLHE, MAK-FVM, DVOs, Project Office												• Meetings		
2.3	Enhancement of the specialized diagnostic techniques	• Laboratory design & function	NADDEC, MAK-FVM, Project office														
2.3.1	Identification of target diseases	• No. of veterinarians and lab. technicians	NADDEC, MAK-FVM, Project office												• Japanese experts • Staff training • Supply of equipment		
2.3.2	Establishment of molecular diagnosis for major infectious diseases	•No. of diseases that can be diagnosed by the established test	NADDEC, MAK-FVM, Project office												• Japanese experts • Staff training • Supply of equipment	Target diseases:	

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2.3.3	Improvement of pathological diagnosis	• No. of samples identified	NADDEC, MAK-FVM, Project office												• Japanese experts • Staff training • Supply of equipment	
2.3.4	Improvement of bacterial diagnosis	• No. of cell lines established	NADDEC, MAK-FVM, Project office												• Japanese experts • Staff training • Supply of equipment	Model disease:
2.3.5	Establishment of virus isolation technique and serum neutralisation test	• No. of cell lines established • No. of reference virus strains stored	NADDEC, MAK-FVM, Project office												• Japanese experts • Staff training • Supply of equipment	Model disease:
2.3.6	Development of diagnostic tools	• No. of diagnostic tools developed	MAK-FVM, Project office												• Japanese experts • Staff training	Target diseases:
2.3.7	Preparation of diagnostic manuals	• No. of manuals prepared	NADDEC, MAK-FVM, Project office												• Japanese experts • Meetings	
2.4	Production of diagnostic reagents		NADDEC, Project office													
2.4.1	Study on the necessary reagents and its production technology	• No. of meetings held	NADDEC, Project office												• Japanese experts • OIE standards	Example: FITC conjugate for rabies
2.4.2	Production of the identified reagents	•No. of reagents produced and utilised	NADDEC, Project office												• Japanese experts • Staff training	
3	Establishment of an investigation system for emergency diseases															
3.1	Study on an appropriate system	• No. of joint meetings held	DLHE, MAK-FVM, Project office												• Collaborative study • Meetings	
3.2	Establishment of an operational system	• The system established	DLHE, MAK-FVM, Project office, DVOs												• Japanese experts	
3.3	Operation of the system	• No. of disease outbreaks investigated	NADDEL, MAK-FVM, Project office, DVOs, NaLIRRI												• Staff training	

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4	Development of an information exchange system														
4.1	Study on an appropriate system	• No. of joint meetings held	DLHE, MAK-FVM, Project office												• Collaborative study • Meetings
4.2	Development of an integrated system	• The system developed	DLHE, MAK-FVM, Project office												• Japanese experts
4.3	Operation of the system		NADDEC, MAK-FVM, Project office												• Staff training
5	Capacity development of the selected District Veterinary Offices														
5.1	Selection of collaborating District Veterinary Offices(DVOs)	• No. of DVOs inspected • No. of DVOs selected	NADDEC, MAK-FVM, Project office												• Collaborative study • Japanese experts
5.2	Staff training on primary diagnosis and sample preparation														
5.2.1	Improvement of diagnostic capability of the laboratories in the selected DVOs	• No. diagnostic tests established at the selected DVOs	NADDEC, MAK-FVM, Project office, DVOs, NaLIRRI												• Japanese experts • Supply of equipment
5.2.2	Staff training	• No. of training courses held • No. of JOCV members dispatched	NADDEC, MAK-FVM, Project office, DVOs, NaLIRRI												• JOCV members • Japanese experts
5.3	Enhancement of the field activities														
5.3.1	Implementation of active survey	• No. of surveys implemented • No. of survey reports prepared	Project office, DVOs, NaLIRRI												• JOCV members • MAK-FVM students
5.3.2	Extension service for farmers (feeding back the survey results to farmers)	• No. of extension seminars organised	Project office, DVOs, NaLIRRI												• JOCV members • Japanese experts

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6	Monitoring and evaluation of the Project activities													
6.1	Holding Committee meetings													
6.1.1	Technical Committee (TC) Meeting	• No. of meetings held	Project Office, JICA, DLHE, MAK-FVM											• Participation of TC members
6.1.2	Joint Coordinating Committee (JCC) Meeting	• No. of meetings held	Project Office, JICA, MAAIF, MAK-FVM											• Participation of JCC members
6.2	Monitoring and evaluation													
6.2.1	Monitoring and evaluation of the activities	• No. of staff meetings held	Project office, DLHE, MAK-FVM											
6.2.2	Evaluation of the Project		MAAIF, MAK-FVM, JICA											• Dispatch of mission team

Abbreviations

DLHE: Department of Livestock Health & Entomology

MAK-FVM: Makerere University, Faculty of Veterinary Medicine

MAAIF: Ministry of Agriculture, Animal Industry and Fisheries

NaLIRRI: National Livestock Resources Research Institute, formerly known as LIRI: Livestock Health Research Institute

JICA: Japan International Cooperation Agency

HPAI: highly pathogenic avian influenza

ND: Newcastle disease

Entebbe Lab.: Animal Disease Diagnostic and Epidemiology Laboratory

CBPP: contagious bovine pleuropneumonia

ECF: east coast fever

NADDEC: National Animal Disease Diagnostic & Epidemiology Centre

DVO: District Veterinary Office

J-NADIC: Joint National Animal Disease Diagnostic Centre

JOCV: Japan Overseas Cooperation Volunteers

ASF: African swine fever

FMD: foot and mouth disease

PPR: peste des petitis ruminants

CCPP: contagious caprine pleuropneumonia

LSD: lumpy skin disease