## **Project Objective**

To enhance the ability to combat and manage exotic and native fruit flies in the region.

## Logical Framework Matrix (LFM) for RAS2014015

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	Design Element	Indicator	Means of Verification	Assumptions
Outcome	<ul> <li>Tools to rapidly combat exotic FFs in the area will be available and in use(surveillance networks, database, action plans, identification of all pest stages and post-harvest quarantine treatments)</li> </ul>	<ul> <li>Surveillance network up and working, database being used and updated, action plan tested, post-harvest treatment protocol produced</li> </ul>	<ul> <li>progress report</li> </ul>	<ul> <li>Counterparts agree to share information and methods. Flies and post harvest treatment facilities are available</li> </ul>
Output	<ul> <li>1 Project Management Team Operational</li> </ul>	• .	• .	• .
	<ul> <li>2 Pre-harvest tools available for exotic fruit flies</li> </ul>	<ul> <li>Increased area covered and/or pests covered. Emergency tools available for increasing network, if necessary. Database wdely used. Action plans ready / being used.</li> </ul>		<ul> <li>Qualified personnel are available to run the system</li> </ul>
	<ul> <li>3 Post harvest treatments available for exotic FFs</li> </ul>	<ul> <li>Database being used regularly</li> </ul>	<ul> <li>Database use can easily be checked.</li> </ul>	<ul> <li>Qualified personnel are uploading information and access is given to relevant personnel</li> </ul>
Activity	<ul> <li>1 .1 Confirming/Setting-up project team (CP, CP team in MS, PMO/TO)</li> </ul>	•.	•.	•.
	<ul> <li>1.2 Conducting project review meetings</li> </ul>	• .	•.	•.
	<ul> <li>1 .3 Updating project work plan</li> </ul>	• .	• .	• .
	<ul> <li>1 .4 Preparing and submitting PPARs (every six months)</li> </ul>	•.	• .	• .
	<ul> <li>1 .5 IAEA Field Monitoring</li> </ul>	• .	• .	• .
	<ul> <li>2.1 Enhance national trapping system to make them permament and effective.</li> </ul>	<ul> <li>Trapping system in place</li> </ul>	<ul> <li>progress report</li> </ul>	<ul> <li>Area of surveillance has been identified, trapping paraphernalia is available, labs for holding fruit are available.</li> </ul>
	<ul> <li>2 .2 Enhance diagnostic capabilities to include larval stages of fruit flies</li> </ul>	<ul> <li>Report by the trainees.</li> </ul>	<ul> <li>Number of personnel trained.</li> </ul>	<ul> <li>Training is performed, equipment is available.</li> </ul>

	<ul> <li>2 .3 Insure regular inputs and updates into database</li> </ul>	<ul> <li>Database is being uploaded and updated.</li> </ul>	<ul> <li>Check database usage</li> </ul>	<ul> <li>Qualified personnel available with all three counterparts.</li> </ul>
	<ul> <li>2 .4 Harmonization of the inputs so that information is meaning for all</li> </ul>	<ul> <li>Training for all three counterparts is performed</li> </ul>	<ul> <li>Meeting report and check database usage.</li> </ul>	<ul> <li>Training is performed</li> </ul>
	<ul> <li>2 .5 Implement plan against a specific pest</li> </ul>	<ul> <li>Plan is utilized against a specific pest.</li> </ul>	<ul> <li>Progress report</li> </ul>	<ul> <li>Pest arrives (or remains) in region.</li> </ul>
	<ul> <li>3.1 Test cold / hot treatments against specific pest / key commodity</li> </ul>	<ul> <li>Test are being carried out.</li> </ul>	<ul> <li>Treatment reports</li> </ul>	<ul> <li>Treatment facility / lab is available.</li> </ul>
Input	<ul> <li>2.1.1 Expert required to overview the current setup of the national trapping systems and to advise as regards their effectiveness and harmonization accross the area.</li> </ul>			
	<ul> <li>2 .1 .2 Procurements for national labs to detect FFs in fruit</li> </ul>			
	<ul> <li>2.1.3 Procurement for enhanced trappping systems near border crossings</li> </ul>			
	<ul> <li>2 .1 .4 Training course on the use of GIS for area-wide FF programmes</li> </ul>			
	<ul> <li>2.2.1 Training in non- classical methods of identification. Larvae are often identified in interceptions by a number of countries in Europe. We would like to train on these methods.</li> </ul>			
	<ul> <li>2.2.2 Equipment for non- classical identification labs</li> </ul>			
	<ul> <li>2.3.1 Workshop on the database with on-hands training for all participants.</li> </ul>			
	<ul> <li>2.4.1 Meeting in Vienna whereby delegates will upload together relevant information on specified pests agreed upon before the meeting, including national-specific information on hosts etc.</li> </ul>			

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• 2.5.1 Procurements in order		
to maintain stocks of lures,		
traps, blocks, barcode readers,		
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<ul> <li>3 .1 .1 Procurements to carry out cold / hot trial treatments</li> </ul>		
<ul> <li>3.1.2 Expert to come to the area to see the post-harvest capabilities of the three counterparts and give advice on howto perform post-harvest treatments including for multiple fruit fly pests.</li> </ul>		

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