IC PROJECT REPORTING TEMPLATE AS PART OF THE STRATEGY AND PROCESS ON HOW THE IC REVIEWS AND ANALYSES ICD PROJECTS

Project Title: Pest Risk Information Service (PRISE)

Reporter: Washington Otieno

IC Member in charge: Faith Ndunge

Project Code (if applicable): N/A

Submitted Date: 2019-10-11

IC PROJECT REPORTING TEMPLATE
(NOT TO EXCEED TWO PAGE)

<table>
<tr>
<td rowspan="8">To be filled in by the submitter</td>
<td colspan="2">1. Project Profile</td>
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<tr>
<td>Recipient Region(s)/ Countries</td>
<td>Ghana, Kenya, Zambia, Malawi and Rwanda</td>
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<tr>
<td>Donor/ Resource Partner</td>
<td>UK Space agency,
Co-finance from Plantwise Programme
Partners
Assimilia project consortium
Kings college London project consortium
Centre for Environmental data analysis project consortium
Plant Protection & Regulatory Services Directorate (PPRSD), Ghana - International partner
Kenya Agricultural & Livestock Research Organization (KALRO), Kenya - International partner
Ministry of Agriculture, Livestock and Fisheries, Kenya - International partner
Zambia Agriculture Research Institute (ZARI), Zambia - International partner</td>
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<tr>
<td>IC Representative (<u>if applicable</u>)</td>
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<td>IPPC Secretariat Representation (<u>if applicable</u>)</td>
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<td>RPPO Representation (<u>if applicable</u>)</td>
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<tr>
<td>Collaboration / Participating Organizations</td>
<td>(PPRSD), Ghana - International partner

Zambia Agriculture Research Institute (ZARI), Zambia - International partner

Kenya Agriculture and Livestock Research Organization (KALRO

International partner

Department of Agricultural Research Services (DARS) & Department of Agricultural Extension</td>
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		Services (DAES) in Malawi; International partner Rwanda Agriculture Board (RAB) International partner
	Project Budget (detailed funds and/or in-kind)	£6.38 million
	Project Timing	01/12/2016 - 31/12/2021

	2. Project Scope and Relevance to the IPPC and main outputs (max 200 words)
	Preliminary predictive models for outbreak of pests some of which are of phytosanitary importance in exports from Africa e.g. *Tuta absoluta* Preliminary early warning system to predict the risk of pest outbreaks

	3. Project Supporting Materials *[e.g. hyperlinks]*
	Information resources including blogs e.g. https://blog.plantwise.org/category/prise/ and news items e.g. https://www.farmersreviewafrica.com/tag/pest-risk-information-service/

To be filled in by the assigned IC member and revised by the IC

	4. List project technical resources (i.e. guides, training materials, tools) that could be useful and used by other stakeholders
	The technical resources that can be used include the use of earth observation technology, satellite positioning, and plant-pest life cycle to deliver a science-based Pest Risk Information Service (PRISE) as well as crowd sourcing observations to strengthen and validate the system. A Pest Risk Information Service aims to solve this problem by using data driven decisions and actions on pest risk

	5. Provide a list of project experts that could be recommended to other stakeholders and describe why
	Dr. Washington Otieno- is the Plantwise Programme Executive. He is also engaged in coordinating implementation of the programme in 12 countries on the continent. He has over 25 years work experience in agricultural research and development in several national organizations and the Secretariat of International Plant Protection Organization in the areas of plant protection and other aspects of agricultural biosecurity, particularly capacity needs assessment and support for capacity development. **Charlotte Day is a project manager with** –CABI .She has a background in food security, sustainable production systems and horticulture. She has experience working in Kenya with smallholder farmers. **Mary Lucy Oronje** is the Knowledge Bank Coordinator, East Africa. She has experience in agricultural research. She has also worked with the Kenya Plant Health Inspectorate Service (KEPHIS) and is well versed in phytosanitary standards and Pest Risk Analysis (PRA). **Tim Beale** – is a Geospatial Data Analyst I lead CABI's geospatial activities, from data collection to end-product delivery. He works with CABI's scientists to ensure right methods and tools to analyse data, gain insights, and communicate findings.

	6. Describe successes and challenges that could be promoted for the benefit of other stakeholders
	Annual workshops have been held. Proceedings can be shared to appreciate the impact of the

project.

Pest forecasting; This is key to prevention of entry, establishment and spread of pests as well as for managing endemic pests of quarantine importance to countries of export.

Easy analytics to enable data interpretation and use in pest advisories and response drawn from Plantwise knowledge bank. Challenges:

Low technical capacity to implement the system hence the need for capacity building.

7. List targeted beneficiaries *[i.e. regions, countries, RPPOs, NPPOs and other institutions]*	

Africa Region, Ghana, Kenya, Zambia, Malawi and Rwanda

Institutions: Kenya Agriculture and Livestock Research Organization (KALRO), Zambia Agricultural Research Institute (ZARI) , Department of Agricultural Research Services (DARS) in Malawi; Rwanda Agriculture Board (RAB)

8. List actions to be taken and describe IPPC network involvement *[i.e. the technical resources to be reviewed by the IC; the experts curriculum to be reviewed by the IC; the successes and challenges of the project to be reviewed by the IC, possible project collaboration with the relevant IPPC governing bodies, subsidiary bodies or other committees].*	

Actions to be taken; Review success of the tools used in technical forecasting, document the process of using the tools,

publicize the activities

Experts CV to be evaluated include; Dr. Washington Otieno, Charlotte Day, Mary Lucy Oronje, Tim Beale

Challenges; Low technical capacity to implement the system hence the need for capacity building.

Possible collaboration with AU IAPSAC, CABI, NPPO's ,FAO.

To be filled in by the assigned IC member and revised by the IC once outputs have been reviewed by the IC	**9. Communication plan: on the basis of answers to questions 7 and 8, develop a detailed and targeted communication plan** *[indicate communication actions to be undertaken and stakeholders to be targeted and means for doing so].*
	Preparation of reading/outreach materials like brochures
	Sharing with stakeholders information e.g. blogs, documentaries, links and other materials that can be used
	Structured systems for pest advisories to link early detection with rapid response