



BID Africa 2017 – Small Grant Template

Midterm narrative report

Instructions

- Fill the template below with relevant information. If no result has been achieved on a specific point, please indicate it as “no result achieved yet” and **indicate expected date of completion**
- Use the information included in your project Full proposal (reproduced in annex III of your BID contract) as a baseline from which to complete this template
- The information provided below must correspond to the financial information that appears in the financial report
- Sources of verification are for example direct links to relevant digital documents, news/newsletters, brochures, copies of agreements with data holding institutions, workshop related documents, pictures, etc. **Please provide access to all mentioned sources of verification** by either providing direct link or sending a copy of the documents.
- This report must first be sent as a **Word document** to GBIF@BID.org and be pre-approved by GBIFS
- Once this report is pre-approved in writing by GBIFS, it must be signed by the BID project coordinator and sent by post to:

The Global Biodiversity Information Facility Secretariat (GBIFS)
Universitetsparken 15
DK-2100 Copenhagen Ø
Denmark

Template

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2. Project Information

2.1. Principal investigator and grant coordinator: Institution/network/agency name:

Faculty of Sciences, University of Douala

2.2. Principal investigator name and role:

Maurice TINDO

2.3. BID proposal identifier:

BID-AF2017-0151-SMA

2.4. Project title:

Data mobilization for crop protection against native and invasive pest species for sustainable agricultural production in Cameroon

2.5. Start date and end date of the reporting period:

31/01/2019 and 31/03/2019

2.6. Country(ies) in which the activities take place:

Cameroon

3. Overview of results

3.1. Executive summary

Give a short summary of the activities implemented and the outcomes of the project for the reporting period (500 words maximum)

Agricultural production continues to be hampered by both native and invasive insect and mite pests. Adequate biological information is essential for their timely identification and management. The aim of this project is to mobilize biodiversity information embedded on specimens in three agricultural insect collections in Cameroon. IRAD and IITA insect collections have been visited several time and Insect pest specimens have been continuously sorted from others, labels upgraded, uniquely identified by adding labels. Information on specimens has been entered into created databases (GBIF templates) for each institution. Up to now, more than 4768, 5637 and 200 specimens are captured into IRAD, IITA and FS-UDo database respectively. The validity of scientific names copied from labels in IRAD collection (the oldest one) has been checked using the GBIF tools (Global Names Resolver, Names parser and species matching). EOL, Names index and merely search on the internet were also conducted to obtain a current valid name, their authority and date of species description. More than 1990 names out of the 4768 available have been successfully validated. However, collection localities were validated only for 1574 specimens out of which, 2227 were successfully georeferenced. A portion of IRAD data base containing these 2227 specimens has just been published. Data validation and collection localities georeferencing are on going for IITA and FS-UDO collection and portion of these databases will be published by en August 2018. The insect pest list underconstruction has been used for training of Agric agent in charge of phytosanitary surveillance at the national level.

Two workshops on good practices in data mobilization through the GBIF portal have been organised in Douala (45 participants) on 23 November 2017 then in Yaoundé (15 participants) on the 1st December 2017 followed with bench training. The content of the workshop focused on general presentation of the GBIF network, the search, collection and uses of data from the GBIF portal, good practices for data organisation, georeferencing, data





quality and the publication process. Training scheme consisted both of oral and practical sessions. Trained student in Douala and technicians in Yaoundé are actively involved in capturing information on labels attached to each sorted specimen in created databases. One person from the project attended the Capacity Enhancement workshop on Data Mobilization and shared learned skills with project members through bench training. The same candidate participated in the second training organized in Cape Town from 9-14 April 2018 on biodiversity data use for decision making. No certificate has been issued till now.



3.2. Progress against expected milestones:

Give an overview of all the expected milestones for your project from the beginning until now (see Annex IV of your contract)

Expected milestones/activities	Completed? Yes/No	Explanatory notes	Sources of verification
<p>Completed capacity self-assessment questionnaire for data holding institutions</p> <p>https://www.gbif.org/document/82785/self-assessment-guidelines-for-data-holding-institutions (EN)</p> <p>https://www.gbif.org/document/82813/modele-dauto-evaluation-pour-les-institutions-detentrices-de-donnees (FR)</p> <p>(Early Progress report milestone)</p>	YES	Files have been downloaded, completed for each collaborating institution and submitted to GBIFS	Filled files at GBIFS
<p>At least one national data publishing institutions are registered with GBIF.org</p> <p>Guidelines to become a publisher: https://www.gbif.org/become-a-publisher</p> <p>(Early Progress report milestone)</p>	YES	IRAD is registered with GBIF as a data publishing institution. IITA Cameroon and University of Douala have been recently endorsed by CAMBIF and registered.	<p>https://www.gbif.org/publisher/a4e7734f-58a3-4833-b7bd-20bb470bce0f</p> <p>https://www.gbif.org/publisher/8209c5a8-2200-4fe4-98c2-b3a56366661e</p> <p>https://www.gbif.org/publisher/d678603b-a9cf-4187-926a-fbc566aa1b2b</p>
<p>At least one person from the project team has completed the certification process following the BID Capacity Enhancement workshop on Data Mobilization organized as a part of the BID programme Africa 2015 or the BID programme Africa 2017</p> <p>(Early Progress report milestone)</p>	YES	One person from the project attend the BID Capacity Enhancement workshop and is in the certification process	Workshop participants list
<p>Knowledge dissemination activities have been scheduled following the first BID Capacity Enhancement workshop</p> <p>(Early Progress report milestone)</p>	YES	This will be done through bench training and also a national workshop yet to be organized in collaboration	



		with others BID project in Cameroon	
At least one dataset has been published to GBIF.org (Midterm report milestone)	YES	A portion of IRAD data base containing these 780 specimens is ready for publication. A resource has been created in the IPT Cameroon publication is still pending. Portions of IITA and UDo databases will be soon ready for publication.	http://ipt-cameroun.gbif.fr/
The data users identified in the full proposal have documented their intended use of the mobilized data and provided early feedback (Midterm report milestone)	YES	The insect pest list underconstruction has been used for training of Agric agent in charge of phytosanitary surveillance at the national level.	Report of the training and regular phytosanitary surveillance report



3.3. Project deliverables and activities

Refer to the table in section 2.2 “Deliverables, activities and reporting criteria” of your BID full proposal. Provide updates on the status of each of planned deliverables. In the event of unexpected delay, please provide detailed explanatory notes and indicate planned completion date. Add as many rows as needed.

Deliverable	Related activity	Completed ? Yes/No	Explanatory notes	Sources of verification
Specimens ready for digitization	Check, sort and organise specimens	YES	More than 5000 specimens from the three insects collection have been organised and related information is now entered in the created database. But this activity will continue	Databases and published dataset
Personnel, students from the three institutions or casual workers trained in data mobilization	Workshop and bench training	Yes/	Two workshops have been organized: one in Douala and another in Yaoundé.	Group pictures and workshop report
Database established	Data entry and georeferencing	Yes/	Database has been established for each institution. Data entry and validation are on going	GBIF template used for data entry
Database ready for publication	Quality check and validation	Yes/	More than 2000 specimens already entered in databases for the tree institutions have been checked, validated and ready for publication. Data entry and validation are on going to increase the number of valid entries	Database for each participating Institution
Data publicly available on GBIF portal	Data publication	YES	Part of dataset from IRAD collection is in the publication process. More data and those from others institutions will follow soon.	

3.4. Datasets published on GBIF.org

Refer to the table in section 2.4 “Biodiversity data mobilization plan” of your BID full proposal. If the dataset is not yet published, please indicate the name of the institution that is expected to host the data when published in the column “DOI or URL/Planned hosting institution”. Add as many rows as needed.



Dataset title	Publishing institution	DOI or URL/Planned hosting institution	Date/expected date of publication	Explanatory notes
FS-UDo Insect collection	Faculty of Science, University of Douala	http://ipt-cameroun.gbif.fr/	Octoberber 2018	This collection in underconstruction
IRAD Insect collection	Institute for Agricultural Research for Development of Cameroon	http://ipt-cameroun.gbif.fr/	More by November 2018	The first set has been published while continuing data validation, georeferencing and also data entry.
IITA Insect collection	International Institute of Tropical Agriculture, Cameroon Station/Congo Basin Institute	http://ipt-cameroun.gbif.fr/	September 2018	The first set can be published while continuing specimen identification and data entry



3.5. Examples of use of biodiversity data available through GBIF

Use the table to document use or planned use of data available through GBIF as part of your project. You may want to refer to the section 2.5 "Plan to support the integration of biodiversity information into policy and decision-making processes" of your BID full proposal. Please provide the DOI for datasets downloaded from GBIF in the "Contributing dataset(s)" column. Briefly describe how the data contribute or are planned to contribute in the "targeted application" column (ca. 50 words). Provide the date or approximate timeframe in months for the completion of activity in the "Date/time frame" column. Timeframe indicated may be after the completion of the project unless targeted application is one of the deliverables of your project. Please provide links to any documents or webpages documenting the use in the "Sources of verification" column. Add as many rows as needed.

Targeted application	Data user	Contributing dataset(s)	Date/time frame	Sources of verification	Notes
Phytosanitary surveillance of the national territory and pest interception at the border	Agric agents and phytosanitary officers	FS-UDo IITA IRAD	All the time	Regular surveillance report and pest interception report	These users also need to be trained on the identification tools

3.6. Events organized as part of the project

List all the events that have been organized as part of your project. Please provide links to any documents or webpages documenting the use in the "Sources of verification" column. Add as many rows as needed.

Full title	Organizing institution	Dates	Number of participants	Sources of verification
seminaire de formation sur la mobilisation des donnees sur la biodiversite	FS-University of Douala	24 novembre 2017	45	Group picture and workshop report
Séminaire de formation sur la mobilisation des données sur la biodiversité	FS-University of Douala and IITA-Cameroon	01 decembre 2017	15	Group picture and workshop report





4. Updated calendar for the BID project implementation and evaluation period

The calendar should be completed in the same way as in the Full Project Proposal, but should include any expected changes. Provide reasons for any expected changes in section 4.1 'Explanatory Notes'.

Implementation period start date and end date (01/10/2017 - 31/12/2018)																
Activity	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Notes
Early Progress evaluation & reporting			X	X												
Mid-term evaluation & reporting							X	X								
BID Capacity Enhancement workshop – Data mobilization and publication (Online training - Participation is mandatory)			X													
BID Capacity Enhancement workshop – Data use (Online training - Participation is mandatory)					X											
Check, sort and organise specimens	X	X	X	X												
Workshop and bench training		X														
Data entry and georeferencing			X	X	X	X	X	X	X	X	X	X	X	X	X	
Quality check and validation					X	X	X	X								
Data publication								X	X	X	X	X	X	X	X	
Compile the list of insect pests											X	X				
Draw distribution map											X	X				





Evaluation period start date and end date (01/01/2019 - 31/03/2019)				
Activity	1	2	3	Notes
Final financial and narrative reporting		X	X	
<Activity name>				

4.1. Explanatory notes:

There is no major changes on the initial plan



This programme is funded by the [European Union](#)

5. Beneficiaries/affiliated entities and other cooperation

5.1. Relationship with project partners

Please describe the relationship between your project coordinating team/institution and your project partners, and with any other organisations involved in implementing your BID project.

The relationship between the project coordination and partners has been smooth. We collectively agree on workshop dates and the selection of candidate to participate on the two training organized by GBIFS. We also discuss and agree on how to disturb fund in order to support activities in partner institutions.

5.2. Links to other projects and actions

Where applicable, outline any links and synergies you have developed with other actions, e.g. GBIF nodes, other BID funded projects, etc. If your organization has received previous grants in view of strengthening the same target group, to what extent has your BID project been able to build upon/complement the previous project(s) ?

An E-mail contact has been established with leaders of the two others BID projects in Cameroon namely Developing an Accessible Biodiversity Information System for Sustainable Development in Cameroon by Eva Paule MOUZONG and Mobilization of Biodiversity Data Related to Protected Areas and Threatened Species in Western Cameroon by Moses SAINGE NSANYI. Discussion are on-going to put together plan to strengthen Cameroon Node of BGIF. Feedback has been obtained from Moses. I have been contacted by Eva Paule MOUZONG who is planning a national meeting to launch the Cameroon Node of BGIF. According to her, the endorsement procedure for CAMBIF is also in a good track. This action will continue.

6. Visibility

Please refer to the [BID guidelines](#).

6.1. Visibility of the BID project

How is the visibility of your BID project being ensured?

Short summary

Various Logos of GBIF, EU and BID project, BID Powerpoint template have been downloaded from the communication guidelines page of the GBIF web site. All these logos were placed on banners used to announce the two workshops conducted in Douala and in Yaoundé. A letter head with BID and EU logo were conceived and use for all administrative correspondence and reporting.

Sources of verification

Workshop report and group pictures, powerpoint presentation used during the training

6.2. Visibility of the EU contribution

How is the visibility of the EU contribution being ensured within your project implementation?

Short summary

EU logos were placed on banners used to announce the two workshops conducted in Douala and in Yaoundé. A letter head with BID and EU logo were conceived and use for all administrative and reporting





Sources of verification

Workshop report and group pictures, powerpoint presentation used during the training

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Signature _____

Name of the contact person for the BID Project: _____ Prof. Maurice Tindo _____

Date report sent by email in Word format to bid@gbif.org for pre-approval: _____

Date report sent by post to GBIF Secretariat: _____

