



BID Africa 1 – Small Grant Template

Mid-term 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”
- Use the information included in your project Full proposal (reproduced in annex III.a. 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 links to relevant digital documents, news/newsletters, brochures, copies of agreements with data holding institutions, workshop related documents, pictures, etc.
- This report must first be sent as a Word document to GBIF@GBIF.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

1. Table of Contents

2. Project Description

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

Amahowe Ogoudje Isidore. Head of Department of Conservation, Natural Resources and Biodiversity (National Forest Office of Benin)

2.2. Principal investigator name and role: Amahowe Ogoudje Isidore. Head of Department of Conservation, Natural Resources and Biodiversity

2.3. BID proposal identifier: BID project code BID-AF2015-0030-SMA

2.4. Project title: Digitalization and mobilization of biodiversity data of protected area and threatened species in Benin



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



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

17/06/2016 to 19/09/2016

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

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 (no more than ½ page).

BID AF2015-0030-SMA project is funded by GBIF with the support of European Union. The project has started on 01 June 2016 and is still ongoing. This fund has been using to mobilize biodiversity data on animal and plant species from W Reserve of Biosphere and Pendjari Reserve of Biosphere, and also data on a threatened species in Benin. Since the beginning of the project up to now, a total number of 4560 records were mobilize and digitalized and published on GBIF site with the remarkable contribution of project partners including parks managers and ecological officers of W and Pendjari National Park. One training sessions were organized towards partners and staff of W and Pendjari parks. 42 persons have participated into the training instead of 20 persons planned in the project documents. It was conducted by the project investigator and one project Assistant. It covered techniques of data mobilization, data entry, encoding, data quality checking and data publishing. Afterward, the project partners have all been fully engaged in data mobilization activities. Therefore, with 50 % of BID fund (2,493 EURO), the project staff has made notable achievement related to data mobilization: i) Organize a training Workshop training on data mobilization; ii) Mobilize data on mammal species from W and Pendjari National Parks; iii) Mobilize data on plant species. Occurrence data of animal species were obtained either from sheets or datasets of previous wildlife census, patrols sheets, forest biomass inventory dataset and a dataset on species composition of *Azizium* populations. After encoding following GBIF standards, data entered into quality checking process using google refine, before sending them to the Node Manager of GBIF (Prof Ganglo Jean) for publication. A total of 1147 data on plant species, while 3413 records were made on animal species. It also important to underline that the project partners from the two main protected areas have signed a commitment letter, engaging themselves to continue mobilizing data and publishing data on GBIF portal. The project activities is currently ongoing and 920 occurrence data on *Azizium africana* were sent to the GBIF Node manager for publication. Two (02) members of our project team (MOUTOUAMA Jacob, CHABI-YAOURE Faï) have participated into the online BID Capacity Enhancement Workshop. They have completed successfully the first and the second workshop, and this has improved their knowledge in biodiversity data mobilisation.



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3.2. Progress against expected milestones:

Expected milestones/activities	Completed? Yes/No	Explanatory notes	Sources of verification
Completed capacity self-assessment questionnaire for data holding institutions (http://www.gbif.org/resource/82785)	yes		
The institution that will publish your data is registered with GBIF.org For registered data publishers see: http://www.gbif.org/publisher/search	yes		
The data users identified in the full proposal have documented their intended use of the mobilized data and provided early feedback	yes		

3.3. Datasets published on GBIF.org

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
Forest inventory for above ground carbon estimation in Biosphere Reserve of W.	GBIF	http://www.gbif.org/dataset/fdbbecb9-3e8b-4f8e-aca4-bde861e63e8a doi:10.15468/looi3y	8 September 2016	Diameter at breast height (DBH) and total height were measured for all tree species within the plot. This work comes from a database made by Yetein et al. (in press) who carried out a study on "Dynamic of land cover/land use and above ground carbon estimation in Biosphere Reserve of W. We recorded all the tree species from this database. From the classification of the main land cover types operated with year 2013 Landsat satellite imagery, 53 plots of 0.2 ha (100 m x 20 m plots) were randomly established. Then, Diameter at breast height (DBH)(cm) and Height (m) were measured on all tree species on the plots. A total number of 721 records were made in this study.
Collection of Occurrence data on mammal species during wildlife census in W Biosphere Reserve in 2013 and 2015.	GBIF	http://www.gbif.org/dataset/fe903576-72e1-446a-b019-479f537adabe doi:10.15468/rjsks7	7 September 2016	These occurrence data were collected systematically during wildlife census within the W park and its huntings zones as well. All the animal observation geographical points were recorded using GPS by fauna guards. These data were directly registered on paper sheets on field and controlled by team





				leaders. A total number of 1581 records were made on mammal species in 2013 and 2015 (respectively 745 records in 2013 and 836 in 2015)
Collection of occurrence data on animal species in the Biosphere Reserve of Pendjari in 2001, 2004, and 2013.	GBIF	http://www.gbif.org/dataset/cf3753af-0fde-4de8-9bae-efa08bf5c2f6 doi:10.15468/8pimcc	7 September 2016	Data on mammal species were collected during wildlife census on foot during monitoring linear transects. All the animal observation geographical points were recorded using GPS by fauna guards and ecological staff. These data were directly registered on paper sheets on field and controlled by team leaders. A total number of 1925 occurrence data on animal species were collected during the annual census in 2001, 2004 and 2013 in the Biosphere Reserve of Pendjari
Species composition in twelve (12) <i>Azelia africana</i> Sm & Pers populations in Benin.	GBIF	http://www.gbif.org/dataset/c58954ee-dd85-406a-a328-2cfe60c65145 doi:10.15468/9wycdn	7 September 2016	We collected all the plant species including tree and herbaceous species within twelve (12) populations of <i>Azelia africana</i> in two different climatic zones in Benin (Sudanian and Sudano-Guinean zones).

3.4. 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. Please provide the DOI for datasets published on GBIF or data downloaded from GBIF in the "Dataset" column. Briefly describe how the data have been used or are planned to be used in the "Data use" column (ca. 50 words). Provide the date or approximate time frame in months for the use or planned use in the "Date/time frame" column. Please provide links to any documents or webpages documenting the use in the "Sources of verification" column. Add as many rows as needed.

Dataset	Data user	Data use	Date/time frame	Sources of verification	Notes
http://www.gbif.org/dataset/fe903576-72e1-446a-b019-479f537adabe	Project staff/National Forest Office	Occurrence data on <i>Panthera leo</i> , <i>Loxodonta africana</i> , <i>Hippotragus equinus</i> and <i>Syncerus caffer</i>		To be completed	
http://www.gbif.org/dataset/cf3753af-0fde-4de8-9bae-efa08bf5c2f6	Project staff/National Forest Office	Occurrence data on <i>Panthera leo</i> , <i>Loxodonta africana</i> , <i>Hippotragus equinus</i> and <i>Syncerus caffer</i>		To be completed	





3.5. 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
Training workshop towards ecological monitoring staff	National Forest Office Direction of Pendjari National park and	25 to26	20	http://www.gbif.org/event/82808
Training workshop towards ecological monitoring staff	National Forest Office Direction of W National Parks	27 to 28	22	http://www.gbif.org/event/82808

4. Implementation of BID project activities

Refer to section 2.2 “Deliverables, activities and reporting criteria” in your BID full proposal. Provide updates on each of the activities using the reporting criteria and other sources of verification as appropriate.

Sources of verification are for example links to relevant digital document, news, newsletter, brochures, copies of agreements with data holding institutions, workshop related documents, pictures, etc.

4.1. Goal 1: Increase available biodiversity data, within and beyond the grant period

Activity 1 name: Organize a training Workshop on data mobilization

A total number of 42 persons were trained on data mobilization in Tanguieta and Kandi. The workshop report is available

Please use same activity name as the one given in section 2.2 “Deliverables, activities and reporting criteria” in your BID full proposal.

Description of any implementation during the reporting period

Sources of verification: Workshop report

Activity 2 name: Mobilize data on mammal species from W and Pendjari National Parks

A total number of 3413 data on mammal species were mobilized and published on GBIF portal. 3000 data were expected to be published as our goal. Thus we made an achievement of 113.76%

Description of any implementation during the reporting period

Sources of verification: data published on GBIF portal.



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Activity 3 name: Mobilize data on plant species from parks belonging

1147 data on plant species were mobilized and published on GBIF portal. 400 data were expected to be mobilized. Therefore we have made a progress of 286.75%

It was expected

Description of any implementation during the reporting period

Sources of verification: data published on GBIF portal.

Activity 3 name: Mobilize occurrence data on *Azalia africana*. 500 occurrence data were expected. We have already mobilized 920 occurrence data on *Azalia africana* that are currently in processing. But no data was published yet on GBIF portal. We can estimate our achievement about 50 %.

Description of any implementation during the reporting period

Sources of verification: No published data

4.2. Goal 2: Apply biodiversity data in response to conservation priorities

Activity 1 name: Sign the commitment letter

The commitment letters were signed by our partners from W and Pendjari National Parks.

Description of any implementation during the reporting period

Sources of verification: Commitment letter are available

Activity 2 name: Ecological niche modelling

The ecological niche modelling were realized for *Panthera leo*, *Loxodonta africana*, *Hippotragus equinus* and *Syncerus caffer* and the report is currently about to be completed by the Expert. However this should be completed by the data on *Azalia africana* that is still in processing.

Description of any implementation during the reporting period

Sources of verification:

[Add as many activities as given in your full proposal under "Deliverables, activities and reporting criteria" for goal 2]





5. 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 5.1 'Explanatory Notes'.

Implementation period (maximum 14 months, starting 1 June 2016 at the earliest)																										
Implementation period start date and end date (dd/mm/yy)																										
Activity	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Notes	
Mid-term evaluation & reporting						X																				
Organize training workshop on data mobilization, encoding, mapping and publishing		X																								
Mobilize data on mammal species		X	X	X	X																					
Mobilize data on plant species from parks		X	X	X	X	X																				
Mobilize data on <i>Afzelia africana</i>		X	X	X	X	X																				
Sign the commitment letter		X	X																							This activity was planned from 8 to 12 month, but because of the budget constraint, we were obliged to complete this earlier at the 2nd month
Ecological niche modelling						X	X	X	X	X																This activity was planned from 9 to 12, but it will be started earlier because of the early progress in data publishing and also availability of the Expert who will do this. So he is currently doing it and will complete it by 31 December, 2016.





Evaluation period (maximum 6 months, ending 31 December 2017 at the latest)							
Evaluation period start date and end date (dd/mm/yy)							
Activity	1	2	3	4	5	6	Notes
Final financial and narrative reporting						x	
1st quarterly report							
2nd quarterly report							
3rd quarterly report							
Activity implementation assessment		x	x				
Reporting criteria assessment				x	x	x	

5.1. Explanatory notes:

1- The signature of the commitment letter was done during just after the training workshop. This was planned in the project document to be signed after the first 6 months. But, it will be difficult to go on field again to make the partners signed the commitment. As you can see in the budget, it is quit strict for the field travel (especially car renting). There is no way to plan another travel again for about 1700 km. So it was wise to sign the commitment in the meantime.

2- We have planned to perform the ecological niche modelling (ENM) after the first 6 months, but we have started it sooner. This is because the Expert that we identify to do that will not be available after January 2017 and will to do it earlier. He is still currently working on it and we hope will complete it up to 31 December.



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6. Beneficiaries/affiliated entities and other cooperation

6.1. 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 project coordination team have a good relationship with the Directions of the W and Pendjari National Parks that are all partners of the project entitled BID AF2015-0030-SMA. Particularly the ecological officers are fully engaged in data mobilization and are all available to continue the data mobilization beyond the project period. As far as the Node manager is concerned, we got a wonderful relationship with him. We participated into a workshop organized by the node manager on data mobilization, processing and quality checking from 12 to 13 October 2016. He was of good help and has contributed to our early progress of this project.

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, how far has your BID project been able to build upon/complement the previous project(s) ?

7. Visibility

Please refer to the [BID guidelines](#)

7.1. Visibility of the BID project

How is the visibility of your BID project being ensured?

During the implementation of project activities, especially the workshop training in Tanguieta and Kandi the logo of GBIF and European Union and the project partners such as the National Forest Office, Pendjari National Park and W National Park were used on materials and posters. All the project report this logo are mentioned.

Short summary

Sources of verification

7.2. Visibility of the EU contribution

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

We put the European Union 's logo on the posters during the workshop.

Short summary

Sources of verification: <http://www.gbif.org/event/82808>

