



# BID Africa 2017 – National 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@GBIF.org](mailto: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

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### Template

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## 2. Project Information

### 2.1. Project Coordinator: Institution/network/agency name:

University of Ghana / Ghana Biodiversity Information Facility (GhaBIF)  
Department of Plant and Environmental Biology, University of Ghana

### 2.2. Main contact person and role:

Alex Asase, Project Leader

### 2.3. BID proposal identifier:

BID-AF2017-0226-NAC

### 2.4. Project title:

Biodiversity data mobilization and capacity enhancement regarding conservation of threatened Ghanaian medicinal plants

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

01<sup>st</sup> October 2017 to 31<sup>st</sup> May 2018

### 2.6. Country in which the activities take place:

Ghana

## 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)*

The use of herbal medicine in Ghana is widespread, but highly diverse owing to floristic and cultural diversity, such that traditional medicine has major impacts on the local economy and on biodiversity conservation. Many species of medicinal plants used in Ghana have become threatened thanks to factors such as unsustainable wild harvesting, habitat loss, changing land use and climate change. We have catalogued a checklist of threatened medicinal plants for the Ghana through a stakeholders' meeting organized at the Centre for Plant Medicine as part of this project. Digitization of data about medicinal plants has begun though on a pilot scale at partner institutions to ensure digital preservation of indigenous cultural heritage, and biodiversity conservation can be enhanced when comprehensive information about the plants is openly available. One person from the project has attended a BID capacity enhancement workshop in Cape Town, South Africa, and knowledge dissemination activities have been scheduled to take place within the first quarter of 2018. Data digitization and publication activities regarding medicinal plants started. Development of information products will be the major activities in the coming months.



### 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 national biodiversity information facilities</p> <p><a href="https://www.gbif.org/document/82277/capacity-self-assessment-guidelines-for-national-biodiversity-information-facilities">https://www.gbif.org/document/82277/capacity-self-assessment-guidelines-for-national-biodiversity-information-facilities</a> (EN)</p> <p><a href="https://www.gbif.org/document/82782/auto-evaluation-des-capacites-pour-les-systemes-nationaux-dinformation-sur-la-biodiversite">https://www.gbif.org/document/82782/auto-evaluation-des-capacites-pour-les-systemes-nationaux-dinformation-sur-la-biodiversite</a> (FR)</p> <p><b>(Early Progress report milestone)</b></p>	Yes	None	See report attached
<p>At least one national data publishing institutions are registered with GBIF.org</p> <p>Guidelines to become a publisher: <a href="https://www.gbif.org/become-a-publisher">https://www.gbif.org/become-a-publisher</a></p> <p><b>(Early Progress report milestone)</b></p>	Yes	All national data publishing institutions on this project has been registered as potential data publishers.	<a href="https://www.gbif.org/become-a-publisher">https://www.gbif.org/become-a-publisher</a>
<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><b>(Early Progress report milestone)</b></p>	No	Still awaiting notice of award of badge	Workshop organizers / facilitators
<p>Knowledge dissemination activities have been scheduled following the first BID Capacity Enhancement workshop</p> <p><b>(Early Progress report milestone)</b></p>	Yes	Knowledge dissemination activities have been Yplanned for the first quarter of 2018.	See report attached
At least one dataset has been	Yes	Three datasets have been	<a href="http://www.gbif.org/project/6q1kt">www.gbif.org/project/6q1kt</a>





published to GBIF.org ( <b>Midterm report milestone</b> )		published	<a href="https://doi.org/10.26434/chemrxiv-2023-ysyo8">YSyo8ku6y4YWGYYA6/increasing-data-mobilization-capacity-to-protect-threatened-medicinal-plants-in-ghana</a>
The data users identified in the full proposal have documented their intended use of the mobilized data and provided early feedback ( <b>Midterm report milestone</b> )	Yes	Data users have formally expressed interest in using data mobilized from the project	



### 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
Stakeholders in Ghana consulted about threatened medicinal plants	(1) Meeting with relevant stakeholders and project partners in the medicinal plant industry; and (2) participation of stakeholders in dissemination workshop	Yes	We have had a meeting with relevant stakeholders and project partners in the medicinal plant industry. This meeting enabled us to catalogue a list of threatened medicinal plants.  Stakeholders participation at dissemination workshop will take place later in the year	See reported attached
Advanced training in biodiversity data analyses techniques and medicinal plants research	1) Continuous consultations with Prof. A. T. Peterson and Prof. M. S. J Simmonds; (2) internship of project leader at KU and Kew, Gardens; and (2) hosting of training workshop in Ghana; (3) Participation in BID capacity enhancement workshops.	No	There are continuous consultations with Prof. A. T. Peterson and Prof. M. S. J Simmonds. One person from the project participated in the capacity enhancement workshop.  However, internship at KU and Kew will take place later in the year. Accommodation at KU has also been booked between September and November 2018. Hosting of a workshop will follow after the internship at KU/ Kew.	None
Captured, geo-referenced and cleaned data on threatened medicinal plants of Ghana available	1) Capturing biodiversity data on medicinal plants; (2) geo-referencing and data cleaning activities.	No	Data capture has started in all partner institutions. This is a continuous process and will end later in the year.	None
Digital Accessible Knowledge (DAK) on	1) Capturing biodiversity data on medicinal plants; (2)	No	Data publication has started and will continue	None



threatened medicinal plants from Ghana published	geo-referencing and data cleaning activities.		as a when new data recources become available	
Production of information products on medicinal plants from Ghana	(1) Production of checklist of threatened medicinal plant of Ghana, and (2) publication of manuscripts and posters on medicinal plants.	No	This activity will be carried out during the project leader internship at KU / Kew	None
Dissemination workshop on project results	Hosting of a project dissemination workshop that will involve major stakeholders in the medicinal plant industry in Ghana	No	This activity will take place later in the year as originally planned.	None

### 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
University of Ghana medicinal plant checklist / dataset	Ghana Herbarium	GBIF France	March-August, 2018	Data mobilization has begun and some data published.
CPMR medicinal plants dataset	Centre for Plant Medicine Reserach	GBIF France	March-August, 2018	Data mobilization has just begun
PGRRRI medicinal plants dataset	Plant Genetic Resource Research Institute (CSIR-PGRRRI)	GBIF France	March-August, 2018	Data mobilization has begun and some data published.
Aburi Botanic Gardens medicinal plants dataset	Aburi Botanic Gardens	GBIF France	March-August, 2018	Data mobilization has just begun
University of Ghana medicinal plant checklist / dataset	Ghana Herbarium	GBIF France	March-August, 2018	Data mobilization has begun
CPMR medicinal plants dataset	Centre for Plant Medicine Reserach	GBIF France	March-August, 2018	Data mobilization has just begun



### 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
All datasets	GhaBIF	Serving data for broader use	March-Oct. 2018	None	Planned use of data
All datasets	University of Ghana	For analysis on impacts of land use and climate change on medicinal plants	March-Oct. 2018	None	Planned use of data
All datasets	CPMR	For policy guidance and decision-making on threatened medicinal plants from Ghana	March-Oct. 2018	None	Planned use of data
All datasets	PGRRI-CSIR	For targeted collection and preservation of genetic resources of threatened medicinal plants	March-Oct. 2018	None	Planned use of data
All datasets	Aburi-Botanic Gardens	For targeted collection and cultivation of plants	March-Oct. 2018	None	Planned use of data
All datasets	CONNECT	For mainstreaming biodiversity into national policy	March-Oct. 2018	None	Planned use of data
All datasets	National Biodiversity Committee, Ghana	To guide policy formulation on biodiversity in Ghana	March-Oct. 2018	None	Planned use of data
All datasets	Ghana Federation of	For education of its members	March-Oct. 2018	None	Planned use of data





	Traditional Medicines Healers Association	on threatened medicinal plants			
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### 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
Stakeholders' meeting on threatened Ghanaian medicinal plants	GhaBIF / University of Ghana	13-12-2017	22	See attached report
Knowledge dissemination workshop	University of Ghana	8 <sup>th</sup> -9 <sup>th</sup> March, 2018	15	See attached 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 to 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 (participation is mandatory)			X													
BID Capacity Enhancement Workshop – data use (participation is mandatory)					X											
Stakeholder consultation	X	X														
Data mobilization			X	X	X	X	X	X	X							
Capacity enhancement									X	X	X	X				
Information products											X	X	X	X		
Data publication													X	X	X	
Dissemination workshop														X	X	





Evaluation period start date and end date (dd/mm/yy)				
Activity	1	2	3	Notes
Final financial and narrative reporting		X	X	
Stakeholder consultation		X		
Data mobilization		X		
Capacity enhancement			X	
Information products			X	
Data publication			X	
Dissemination workshop			X	

#### 4.1. Explanatory notes:

Note that the project was not invited by GBIFS to nominate a person for the BID Capacity Enhancement Workshop on data use though participation is mandatory.



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

<BID project id>



<Start and end date of the reporting period>



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

## 5. Beneficiaries/affiliated entities and other cooperation

### 5.1. Relationship with project partners

There is a very healthy and productive working relationship among project partners.

### 5.2. Links to other projects and actions

We are working closely with other biodiversity informatics initiatives in the country including the GBIF-BID Ghana Node capacity enhancement project, the CONNECT Project funded by UNEP-WCMC, and the ABC Challenge funded by the JRS Biodiversity Foundation. We organized a Biodiversity Information Management Forum (BIMF) with other partners about the importance of sharing and using biodiversity data (see draft report attached)

## 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

We talked about the BID project and acknowledge funding during our stakeholder meeting as well as the recently held BIMF in Ghana.

#### Sources of verification

See attached reports.

### 6.2. Visibility of the EU contribution

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

#### Short summary

We acknowledged EU as the major source of our funding during our stakeholder meeting.

#### Sources of verification

See attached reports.

Signature \_\_\_\_\_

Name of the contact person for the BID Project: \_\_\_\_\_

Date report sent by email in Word format to [bid@gbif.org](mailto:bid@gbif.org) for pre-approval: \_\_\_\_\_

Date report sent by post to GBIF Secretariat: \_\_\_\_\_

