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 <u>direct link</u> or sending a copy of the documents.
- This report must <u>first</u> be sent as a **Word document** to BID@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

1. Table of Contents

2. Project Information

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

National Fisheries Resources Research Institute (NaFIRRI)

2.2. Main contact person and role:

Vianny Natugonza, Coordinating the implementation of project activities

2.3. BID proposal identifier:

BID-AF2017-0206-SMA

2.4. Project title:

Increasing capacity for conservation of threatened fish species through data mobilization and training

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

01st October 2017—31st November 2018

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

Uganda

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 project was launched at the implementing institution, and this action contributed to increased awareness that led to scientists contributing enormous amounts of occurrence data. A data needs survey was conducted to assess user—specific needs for fish biodiversity data to ensure that mobilized data directly benefits intended users. First, this action contributed to visibility of the project amongst different stakeholders who are data end users; and second, it helped to design formats for mobilizing data and presenting to the users. Data mapping was also completed, which helped in identifying data holding institutions and strengthening partnerships to aid data sharing. We have however noted that most of the data contributed by data holders only have locality names (with no GPS coordinates). We have therefore not included them in the dataset for this reporting period. We have planned for geo-referencing these records for the next data set to be published. One representative from the project completed the capacity enhancement workshop, although certificates have not yet been issued by GBIF, and another workshop in data use (but remotely). This training helped to improve the capacity of the project team in mobilising data, and the trainee has transferred knowledge to other members of the project team through in-house demonstrations. From these actions, we now have our first dataset of 7,343 fish species occurrence records published through GBIF. Owing to this progress, the project team won a grant of $250,000 from JRS Foundation to build more partnerships (that will see increased usage of freshwater biodiversity data), expand the

data mobilisation scope by moving beyond fish to include other taxa such as invertebrates and algae, and create local tools for data sharing. Also, as a result of the GBIF-funded action, NaFIRRI has been tasked (through the CONNECT project of Government, which aims at mainstreaming biodiversity data within the heart of Government decision making, led by the National Environmental Management Authority—NEMA) to lead in the benchmarking of aquatic biodiversity data for monitoring the National Biodiversity Strategy and Action Plan (NBSAPII, 2015-2025) targets, and to identify areas for baseline data collection and long-term monitoring. We are confident that our BID intervention will contribute to the targets of NBSAPII under strategic objective 1 (SO1), whose target is that by 2020, all basic taxonomic information have been packaged in user-friendly formats and widely disseminated. In addition to Makerere University, the project has established other collaborations with other data users such as Fauna and Flora International (FFI), Uganda, which intends to use the data in their current interventions on Lake Victoria to identify and delineate fish breeding zones and create community-conserved areas that will link up with national legislation to formally protect areas, and National Biodiversity Data Bank (NBDB), which intends to use the data to enrich their data coverage on aquatic fresh water biodiversity, which are missing, and improve reporting for the biennial national biodiversity status report.

<BID project id>   <Start and end date of the reporting period>

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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
Completed capacity self-assessment questionnaire for data holding institutions https://www.gbif.org/document/82785/self-assessment-guidelines-for-data-holding-institutions (EN) https://www.gbif.org/document/82813/modele-dauto-evaluation-pour-les-institutions-detentrices-de-donnees (FR) (***Early Progress report milestone***)	Yes		The completed questionnaire was sent by email to the BID team at Bid@gbif.org
At least one national data publishing institutions are registered with GBIF.org Guidelines to become a publisher: https://www.gbif.org/become-a-publisher (***Early Progress report milestone***)	Yes	We have registered NaFIRRI as a publisher, with enodrsement from GBIF Uganda node	https://www.gbif.org/publisher/4f3d98d3-f69a-4929-9291-6c35340b6711
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 (***Early Progress report milestone***)	Yes	A representative of the project completed the capacity enhancement workshop in South Africa	BID 2017 capacity enhancement workshop records
Knowledge dissemination activities have been scheduled following the first BID Capacity Enhancement workshop (***Early Progress report milestone***)	Yes	The CE trainee has held in-house demonstrations with the data mobilisation team, while wider capacity enhancement was postponed to first get access to ipt for proper demonstrations	https://www.dropbox.com/s/cdxuytcw0v3596v/BID-AF2017-0206-SMA_inhouse_demonstrations_by_CE_workshop_trainee_and_digitization_of_data_from_field_reports_in_progress.zip?dl=0

At least one dataset has been published to GBIF.org (***Midterm report milestone***)	Yes		DOI: https://doi.org/10.15468/dl.tp9ipy
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	NEMA, which is the principal government institution using our data in policy planning, has fully documented data use. Many other data users have also provided feedback, although some have not fully documented the intended use	Contact Mr. Ogwal Francis, Executive Director of NEMA sabinofrancis@gmail.com for the draft report of the National Biodiversity Data And Information Landscape being developed throug the CONNECT project

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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	Complete d ? Yes/No	Explanatory notes	Sources of verification
Data on at least 10,000 records of fish species collections mobilised	Data needs assessment	Yes		Report found at https://labanmusinguzi.com/2018/01/15/report-fish-biodiversity-data-users-and-data-holders-in-uganda/
	Data mapping	Yes	Data mapping is a contineous process, and is expected to continue as more data holders are identified, but the first part was completed	Report found at https://labanmusinguzi.com/2018/01/15/report-fish-biodiversity-data-users-and-data-holders-in-uganda/
	Data mobilisation	No	The first published dataset has 7343 records	DOI: https://doi.org/10.15468/dl.tp9ipy
Skills and capacity in data mobilisation and publishing enhanced	Trainee identification and selection	Yes	Training and mentorship of three Research Assistants at NaFIRRI in data mobilisation has been ongoing, as they were engaged in data mobilisation. The wider training, involving many scientists, was post-poned to first gain access to ipt, which we have, and will be done in the next phase	http://firi.go.ug/BID/our_team2.html
	Training and capacity enhancement for data mobilisation, management and publishing	No		
Formatted datasets of fish records published through GBIF	Data formatting and publishing	Yes	7,343 records have been published through GBIF	DOI: https://doi.org/10.15468/dl.tp9ipy
Increased awareness of biodiversity data and use in policy decisions	Data users documented their intended use of the mobilized data	Yes	NEMA, which is the principal government institution using our data in policy planning, has drafted the National Biodiversity Data And Information Landscape Report throug the CONNECT project that show how data will be used. Other data users have given feedback, although not all have arleady documented	Email Executive Director of NEMA sabinofrancis@gmail.com for the draft report

	Preparation of dissemination packages	No	This will be done in the next phase after publishing the first dataset	
	Stakeholder engagement and production of a policy brief	Yes	Many stakeholders in policy planning have been engaged through NEMA's CONNECT project activities in which NaFIRRI is leading development of baselines for aquatic biodiversity data for monitoring NBSAPII targets	

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
Fish distribution and occurrence in Uganda	NaFIRRI	DOI: https://doi.org/10.15468/dl.tp9ipy	June 2018	
Fish sample event data for Uganda	NaFIRRI	GBIF Uganda	September 2018	Data mobilisation is ongoing

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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.

Dataset	Data user	Data use	Date/time frame	Sources of verification	Notes
National biodiversity data bank. Observation records, 1900-2014. DOI: 10.15468/djzgie	NaFIRRI	Mapping occurrence records which have already been published so as not to repeat them in our planned data mobilisation,	January 2018	GBIF data download records http://api.gbif.org/v1/occurrence/download/request/0011916-171219132708484.zip	Some fish occurrence records of Albertine rift have already been published and effort will be made not to repeat them
Fish distribution and occurrence in Uganda (DOI: https://doi.org/10.15468/dl.tp9ipy)	NaFIRRI	Documenting the progress of the National Biodiversity Strategy and Action Plan (NBSAPII) target of having all basic taxonomic information packaged in user-friendly formats and widely disseminated by 2020	2019	NEMA CONNECT project records sabinofrancis@gmail.com	The data form a basis for establishing areas that need baseline data collection and long-term monitoring

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
Icreasing capacity for conservation of threatened species in Uganda: Project Launch	NaFIRRI	20th October 2017	26	Link to signed attendance list (https://www.dropbox.com/s/swsusfbp50d0xg4/Attendance%20List_Project%20Launch.pdf?dl=0) Link to photos https://www.dropbox.com/s/g0jo46jp5mk8irk/Selected_photos_and_captions.zip?dl=0 Link to video https://labanmusinguzi.com/2017/10/13/new-funding-to-increase-capacity-for-conservation-of-threatened-fish-species-in-uganda/

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 (dd/mm/yy) **Start date:** 01/10/2017 **End date:** 31/11/2018																
Activity	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	**Notes**
Early Progress evaluation & reporting			X													Completed
Mid-term evaluation & reporting							X									
BID Capacity Enhancement workshop – Data mobilization and publication (Online training - Participation is mandatory)			X													completed
BID Capacity Enhancement workshop – Data use (Online training - Participation is mandatory)						X										Completed
Data needs assessment	X	X	x													Completed
Data mapping		X														Completed
Data mobilisation and publishing			X	X	X	X	X	X	X	X	x	x				The first dataset with 7,343 records has arleady been published through GBIF
Geo-referencing records									X	X	X					This will also include travelling to areas indicated in the datasets, but with no GPS coordinates to accurately geo-reference most of these records in the second dataset to be published
Trainee identification and selection							X									Completed. This has been done much earlier to ensure trainees have enough to prepare data that they will train with
Training and capacity enhancement for handling								X								This activity has been ongoing with three Research Assistants who have been mobilising data. However, we also

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collection, data management and data paper publishing															planned for general training with many people (which includes publishing) but could not take place as had earlier planned before getting access to the ipt. This activity has been rescheduled to take place in July 2018.
Data formatting				X	X	X									Completed for the first dataset
Data publishing								x			x				Completed for the first dataset
Documentation of intended use of the mobilized data						X									Completed
Preparation of dissemination packages										X	X	X			
Stakeholder engagement and production of a policy brief		X	X	X	X	X	X	X	X	X	X	X	X	X	Many stakeholders in policy planning have been engaged through NEMA's CONNECT project activities in which NaFIRRI is leading development of baselines for aquatic biodiversity data for monitoring NBSAPII targets

Evaluation period start date and end date (dd/mm/yy) **Start date:** 01/12/2018 **End date:** 28/02/2019				
Activity	1	2	3	**Notes**
Final financial and narrative reporting		X	X	
All mobilised data published on GBIF website	X			
Communication of results to stakeholders		X		
Final project evaluation			X	

4.1. Explanatory notes:

- **Training and capacity enhancement for handling collection, data management and data paper publishing:** This activity has been ongoing with three Research Assistants who have been mobilizing data. However, we also planned for general training with many people (which includes data publishing) but this could not take place within the earlier planned month before we could get access to the ipt. This activity has been rescheduled to take place in July 2018. Even then, the training strategy has been modified to only include resident scientists, largely those within NaFIRRI, and use part of the funds for local travel to collect geographic coordinates for records (especially those before 2000) that have been mobilized/digitized but lack GPS coordinates

- **Data formatting and publishing:** The first dataset is ready for publishing, but has been delayed by unregistered ipt. Fortunately GBIF-France is working on this we hope this can be done within the first weeks of June 2018.

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 project coordination team has so far had a very good working relationship with the collaborators. The initial stages of the project initiated very strong collaborations between NaFIRRI and Wildlife conservation society (WCS), who intend to use the data to finalize and publish the Uganda red listing assessments for fish and National Biodiversity Data Bank (NBDB) that intends to use the data to enrich their data coverage on aquatic fresh water biodiversity, which are conspicuously missing, and improve reporting for the biennual national biodiverstiy status report

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) ?

This project has stimulated the National Environmental Management Authority (NEMA), a critical government data user institution in policy planning, through the CONNECT project, which is a government project that is aimed at mainstreaming biodiversity data within the heart of Government decision making, to nominate NaFIRRI to lead in the benchmarking of aquatic biodiversity data for monitoring the National Biodiversity Strategy and Action Plan (NBSAPII, 2015-2025) targets and identify areas for baseline data collection and long-term monitoring, which will benefit immensely from the data generated by this project. In addition the project is collaborating with Fauna and Flora International (FFI), Uganda, which intends to use the data in their current project interventions on Lake Victoria to identify and delineate fish breeding zones and create community-conserved areas that will link up with national legislation to formally protect areas, The project has also prepared other project proposals to sustain the data mobilization efforts, including a grant recently offered by JRS Foundation.

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

The project has a dedicated webpage hosted on the NaFIRRI web domain and is updated regularly. The project was introduced to scientists at the implementing institution during a launch. The project has used a blog, with links to social media to help disseminate news about the project. The data mapping and user needs assessment, and continuous engagements with the wider CONNECT project network have been also an opportunity to increase visibility of the project among relevant institutions.

Sources of verification

http://firi.go.ug/BID/index.html

https://labanmusinguzi.com/2017/10/13/new-funding-to-increase-capacity-for-conservation-of-threatened-fish-species-in-uganda/

6.2. Visibility of the EU contribution

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

Short summary

Since the EU logo was provided, the visibility of EU contribution is ensured through the use of EU logo on the project webpage, and presentation about the project, as well as proper acknowledgement of EU in every document produced by the project and during stakeholder engagements.

Sources of verification

http://firi.go.ug/BID/index.html