

 **BID**
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@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

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2. Project Information



2.1. Project Coordinator: Institution/network/agency name: FORCOSULT, College of Forestry Wildlife and Tourism, Sokoine University of Agriculture, Morogoro Tanzania

2.2. Main contact person and role: Prof PKT Munishi. Project Coordinator, Data mobilization and publishing

2.3. BID proposal identifier: BID-AF2017-0258-SMA

2.4. Project title: Establishing Metadata of Biodiversity Data Generated from Ramsar Sites in Tanzania

2.5. Start date and end date of the reporting period: : 30.10.2017 - 30.12.2018

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





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)

During the reporting period the following were achieved

- Prepared a Biodiversity Data Capture tool to enable collation and compilation of biodiversity data from Ramsar Sites.
- Inventoried the relevant biodiversity data holders for two Ramsar Sites – Kilombero and Malagarasi-Moyowosi and compiled inventories of data holdings
- Collated occurrence data for birds in Kilombero and Lake Natron Ramsar Sites, Fauna of Malagarasi Ramsar Site and Plant Checklist for Kilombero and Malagarasi-Moyowosi Ramsar Sites
- Published Data for bird species occurrence in Ramsar Site of Kilombero <https://www.gbif.org/dataset/18799ce9-1a66-40fc-ad18-5ac54cd3417b>
- Prepared the plant checklist for Kilombero and Malagarasi-Moyowosi Ramsar sites
Fauna checklist for Malagarasi-Moyowosi and Bird species checklist for Lake Natron into Darwin Core Archive (DwC-A) Standard ready for publishing via IPT



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	The data holders of biodiversity data from three Ramsar Sites complete the capacity self assessment	Completed capacity self - assessment
<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	The Department of Ecosystems and Conservation Sokoine University of Agriculture is registered as data publisher on GBIF website	https://www.gbif.org/country/TZ/summary
<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 - Mr Paulo Lyimo attended the BID Capacity Enhancement Workshop on Data Mobilization organized by the BID Program in Cape town South Africa in 2017 and the online Data mobilization program for BID programme 2015	Registered Participant practicing data mobilation and Publishing via IPT Mr. Paulo is now the data publishing expert in Tanzania
<p>Knowledge dissemination activities have been scheduled following the first BID Capacity Enhancement workshop</p> <p>(Early Progress report milestone)</p>	Yes	Paulo Lyimo has been undertaking training on data publishing to young staff at Sokoine University of Agriculture. Some of them are now knowledgable on the process of data preparation into Darwin Core Archives and publishing through IPT. The training continues as we continue publishing data from the project	Names of those trained include Mr. Adili Bugingo, Ms. Neema Kitasho and sevral MSc Students at Sokoine University of Agriculture
<p>At least one dataset has been published to GBIF.org (Midterm report milestone)</p>	Yes	<p>Published Data for bird species occurrence in Ramsar Site of Kilombero</p> <p>Prepared the plant checklist for Kilombero and Malagarasi-Moyowosi Ramsar sites Fauna checklist for Malagarasi-Moyowosi and Bird species checklist for Lake Natron into Darwin Core Archive (DwC-A)</p>	https://www.gbif.org/dataset/18799ce9-1a66-40fc-ad18-5ac54cd3417b





Expected milestones/activities	Completed? Yes/No	Explanatory notes	Sources of verification
		Standard ready for publishing via IPT	
<p>The data users identified in the full proposal have documented their intended use of the mobilized data and provided early feedback (Midterm report milestone)</p>	<p>Yes</p>	<ul style="list-style-type: none"> • Department of Ecosystems and Conservation 	<p>Data set being used in training of courses:</p> <ul style="list-style-type: none"> • FBL 102: Fundamentals of Ecology • FO 612: Tropical Vegetation and Plant Ecology • MN 606: Tropical Ecology and Biology • WLM 212: Conservation of Wetland • WLM 305: Biodiversity Conservation and Monitoring <p>Data set being used in student research.</p> <ul style="list-style-type: none"> • Several students have used or plan to use the data set in their final year proposal development, Dissertations and Thesis as references or use the data for their research work
		<ul style="list-style-type: none"> • Ministry of Natural Resources and Tourism – Wildlife Division • Vice presidents Office Department of the Environment • Tanzania Wildlife Authority (TAWA), • The Tanzania Biodiversity Information Facility (TanBIF) 	<p>Data set being used for management and conservation purposes</p> <ul style="list-style-type: none"> • The site managers and Ramsar site focal persons have shown interest and will attend the IPT training to enhance their capacity for biodiversity data publishing • The data set will be used/is being used in management decisions in respect of Ramsar Sites and other relevant wetlands in the country
		<ul style="list-style-type: none"> • Tanzania Wildlife Research Institute (TAWIRI) • Tanzania Forest Service (TFS) 	<p>Dataset being used for research and development to improve wildlife management and conservation</p> <ul style="list-style-type: none"> • The data is expected to be used in wetland research and improve the management of Ramsar Sites and other relevant wetlands in the country
		<ul style="list-style-type: none"> • Kilombero, Ulanga, Urambo, Monduli, Serengeti and Uvinza Districts 	<p>Dataset being used to inform decisions on sustainable wetlands management</p> <ul style="list-style-type: none"> • The data is expected to be used making decisions pertaining to





Expected milestones/activities	Completed? Yes/No	Explanatory notes	Sources of verification
			District level sustainable wetlands management in the respective districts

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
Increase available biodiversity data, within and beyond the grant period	<ul style="list-style-type: none"> Biodiversity Metadata Capture Tool for adaptation to Ramsar Wetlands 	Yes	<ul style="list-style-type: none"> A data capture tool has been prepared to enable collation and compilation of biodiversity data from Ramsar Sites 	Data Capture Tool submitted to BID
1. Metadata of biodiversity data holdings from Ramsar sites Projects	<ul style="list-style-type: none"> Inventory of Biodiversity Data Holders 	Yes	<ul style="list-style-type: none"> An inventory of relevant data holders from three Ramsar Sites – Kilombero Floodplains, Malagarasi-Moyovozi and Lake Natron has been done 	List of relevant Data Holders <ul style="list-style-type: none"> Kilombero District Council Monduli District Council Urambo District Council Wildlife Division, Ministry of Natural Resources and Tourism
2. Datasets of occurrence, checklist and sample-based data from Ramsar sites projects	Mobilizing species occurrence, checklist and sample-based data from data holders of Ramsar sites projects who are willing to publish their data	Yes	<ul style="list-style-type: none"> Collated occurrence data and prepared Darwin Core Archive Data base for birds in Kilombero Ramsar Site Published occurrence data for Bird Species of Kilombero Ramsar Site <ul style="list-style-type: none"> Collated and prepared a Darwin Core Archive checklist of tree species for Kilombero Ramsar Collated and prepared a Darwin Core Archive checklist of plant species of Malagarasi-Moyowosi Ramsar Site Collated and prepared a Darwin Core Archive checklist of fauna species of Malagarasi-Moyowosi Ramsar Site 	<ul style="list-style-type: none"> Published occurrence data of bird species in the Kilombero Ramsar Site (https://www.gbif.org/dataset/18799ce9-1a66-40fc-ad18-5ac54cd3417b) Darwin Core Archive (DwC-A) - Checklist of Tree Species of Kilombero Ramsar Site Darwin Core Archive (DwC-A) - Checklist of plant species of Malagarasi-Moyowosi Ramsar Site Darwin Core Archive (DwC-A) - Checklist of fauna species of Malagarasi-Moyowosi Ramsar Site <p>Note: Checklist of tree species from Kilombero Ramsar Site, Plant species and fauna species from Malagarasi-Moyowosi Ramsar site have not been published because our server is down.</p>
Apply biodiversity data in response to	Increased awareness on data	Yes	<ul style="list-style-type: none"> Some awareness created during the 	Staff from the Ramsar Site in Kilombero and Malagarasi and Monduli are aware





Deliverable	Related activity	Completed ? Yes/No	Explanatory notes	Sources of verification
conservation priorities	sharing and use through advocacy events		inventory of data holdings. To be completed by February 2019	of biodiversity data
Increased awareness on data sharing and use through sharing of outreach materials	Development of outreach materials	Yes	<ul style="list-style-type: none"> A poster on occurrence of bird species and checklist of tree species, plant species and fauna species in Kilombero and Malagarasi-Moyowosi Ramsar Sites has been prepared and will be disseminated during the IPT Training in February 2019 	A poster on occurrence of bird species and checklist of tree species, plant species and fauna species in Kilombero and Malagarasi-Moyowosi Ramsar Sites disseminated to stakeholders
3. Training on IPT	Training of staff from the relevant Ramsar Sites	No	<ul style="list-style-type: none"> To be undertaken in February 2019. Has been delayed due to non functional Saver 	<ul style="list-style-type: none"> Training Report, Topics covered in the Training Teaching Manual

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
Bird Species Occurrence in Kilombero Valley Floodplain, Ramsar site of Tanzania.	Department of Ecosystems and Conservation, Sokoine University of Agriculture	DOI10.15468/z7rqml http://www.sua.ac.tz	2018	Data has been published on GBIF website https://www.gbif.org/dataset/18799ce9-1a66-40fc-ad18-5ac54cd3417b
Checklist of Fauna Species of Malagarasi-Moyowosi Wetlands, Ramsar Site of Tanzania	Department of Ecosystems and Conservation Sokoine University of Agriculture	http://www.sua.ac.tz	2019	Data set in Darwin Core Archive Standards (DwC-A) Awaiting publication on GBI website
Checklist of Tree Species of Malagarasi-Moyowosi Wetlands, Ramsar Site of Tanzania	Department of Ecosystems and Conservation Sokoine University of Agriculture	http://www.sua.ac.tz	2019	Data set in Darwin Core Archive Standards (DwC-A) Awaiting publication on GBI website
Checklist of Fauna Species of Malagarasi-Moyowosi Wetlands, Ramsar Site of Tanzania	Department of Ecosystems and Conservation Sokoine University of Agriculture	http://www.sua.ac.tz	2019	Data set in Darwin Core Archive Standards (DwC-A) Awaiting publication on GBI website
Check List of Bird Species of the Lake Natron Ramsar Site	Department of Ecosystems and Conservation Sokoine University of Agriculture	http://www.sua.ac.tz	2019	Data set in Darwin Core Archive Standards (DwC-A) Awaiting publication on GBI website





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
Teaching Course FBL 102: Fundamentals of Ecology	<ul style="list-style-type: none"> Department of Ecosystems and Conservation Sokoine University of Agriculture Department of Wildlife Management Sokoine University of Agriculture (SUA) Department of Tourism and Recreation Sokoine University of Agriculture (SUA) 	<ul style="list-style-type: none"> Checklist of Tree Species of Malagarasi-Moyowosi Wetlands, Ramsar Site of Tanzania Bird Species Occurrence in Kilombero Valley Floodplain, Ramsar site of Tanzania. Checklist of Fauna Species of Malagarasi-Moyowosi Wetlands, Ramsar Site of Tanzania 	Annually	Lecture Notes for the course	The course of offered each year and the dataset is a reference material for student
Teaching Course WLM 212: Conservation of Wetland	<ul style="list-style-type: none"> Department of Wildlife Management Sokoine University of Agriculture (SUA) Department of Tourism and Recreation Sokoine University of Agriculture (SUA) Department of Ecosystems and Conservation Sokoine University of Agriculture (SUA) 	<ul style="list-style-type: none"> Bird Species Occurrence in Kilombero Valley Floodplain, Ramsar site of Tanzania. Checklist of Fauna Species of Malagarasi-Moyowosi Wetlands, Ramsar Site of Tanzania Checklist of Tree Species of Malagarasi-Moyowosi Wetlands, Ramsar Site of Tanzania 	Annually	Lecture Notes for the course	The course of offered each year and the dataset is a reference material for student
<ul style="list-style-type: none"> Teaching Course FO 612: Tropical Vegetation and Plant 	Department of Ecosystems and Conservation Sokoine University of Agriculture	<ul style="list-style-type: none"> Bird Species Occurrence in Kilombero Valley 	Annually	Lecture Notes for the course	The course of offered each year and the dataset is a





Ecology	(SUA)	<p>Floodplain, Ramsar site of Tanzania.</p> <ul style="list-style-type: none"> • Checklist of Fauna Species of Malagarasi-Moyowosi Wetlands, Ramsar Site of Tanzania • Checklist of Plant Species of Malagarasi-Moyowosi Wetlands, Ramsar Site of Tanzania • Checklist of Tree Species of Kilombero Floodplains Ramsar Site of Tanzania 			reference material for student
Teaching Course MN 606: Tropical Ecology and Biology	Department of Ecosystems and Conservation Sokoine University of Agriculture (SUA)	<ul style="list-style-type: none"> • Bird Species Occurrence in Kilombero Valley Floodplain, Ramsar site of Tanzania. • Checklist of Fauna Species of Malagarasi-Moyowosi Wetlands, Ramsar Site of Tanzania • Checklist of Plant Species of Malagarasi-Moyowosi Wetlands, Ramsar Site of Tanzania • Checklist of Tree Species of Kilombero Floodplains Ramsar Site of Tanzania 	Annually	Lecture Notes for the course	The course of offered each year and the dataset is a reference material for student
Teaching Course WLM 305: Biodiversity Conservation and Monitoring	<ul style="list-style-type: none"> • Department of Wildlife Management Sokoine University of Agriculture (SUA) • Department of Ecosystems and Conservation Sokoine 	<ul style="list-style-type: none"> • Bird Species Occurrence in Kilombero Valley Floodplain, Ramsar site of Tanzania. • Checklist of 	Annually	Lecture Notes for the course	The course of offered each year and the dataset is a reference material for student





	University of Agriculture (SUA)	Fauna Species of Malagarasi-Moyowosi Wetlands, Ramsar Site of Tanzania • Checklist of Plant Species of Malagarasi-Moyowosi Wetlands, Ramsar Site of Tanzania • Checklist of Tree Species of Kilombero Floodplains Ramsar Site of Tanzania			
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Data set being used in training of courses:

Data set being used in student research.

Several students have used or plan to use the data set in their final year proposal development, Dissertations and Thesis as references or use the data for their research work

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
NA	NA	NA	NA	NA





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)																
Activity	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Notes
Biodiversity Metadata Capture Tool for adaptation to Ramsar Wetlands	x	x														Completed
Inventory of Biodiversity Data Holders		x	x	x	x	x										Completed
Mobilizing species occurrence, checklist and sample-based data from data holders of Ramsar sites projects who are willing to publish their data					x	x	x	x	x	x	x					Completed
Increased awareness on data sharing and use through advocacy events			x	x	x	x	x	x	x	x	x	x	x	x	x	Completed
Development of outreach materials								x	x	x	x	x	x	x	x	Partially Completed – A poster on biodiversity data of the Kilombero, Malagarasi-Moyowosi and Lake Natron Ramsar sites prepared
Training on IPT													x	x	x	To be completed in February 2019 by a workshop on Data Publishing using IPT





Evaluation period start date and end date (dd/mm/yy)				
Activity	1	2	3	Notes
Final financial and narrative reporting		X	X	1 October 2018 – 30 December 2018 – (Delayed to March 2019)
Ramsar Metadata Tool		X	X	1 October 2018 – 30 December 2018
Data Holders		X	X	1 October 2018 – 30 December 2018
Metadata		X	X	1 October 2018 – 30 December 2018
Training		X	X	1 October 2018 – 30 December 2018 (Delayed to February 2019)



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



4.1. Explanatory notes:

The calendar for the BID project implementation remains the same as previously planned. Most activities completed except IPT Training which will be done in February 2019. Final report delayed to March 2019 instead of December 2018 due to unavoidable circumstances.



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 partners have shown a good spirit of participation. This is shown by the fact that all of them were ready to supply the data at their disposal for this project. They will as well participate in the IPT Training to be held in February 2019

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) ?

The project is working together with the Tanzania Biodiversity Information Facility. It is expected that the generated data will be published through the TanBIF Portal or migrated to this portal if published in other portal.

Furthermore the project is working with the department of Ecosystems and Conservation, the Sokoine University of Agriculture Center for Computing, Information and Communication Technology and the SUA Library (SNAL) to get the data also published via the URL of Sokoine University

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 bid project has been explained and accepted by relevant stakeholders and users of the project information. The information to be generated will be used nationally to enhance decisions for the sustainable management and conservation of wetlands by different institutions including the Ministry of Natural Resources and Tourism – Wildlife Division, Vice presidents Office Department of the Environment, Tanzania Wildlife Authority (TAWA), The Tanzania Biodiversity Information Facility (TanBIF), Tanzania Forest Research Institute (TAFORI), Tanzania Wildlife Research Institute (TAWIRI) and the Kilombero, Ulanga, Urambo, Monduli, Serengeti and Uvinza Districts

Sources of verification

The relevant institutions that will use the data for purposes of sustainable wetlands management as necessary

6.2. Visibility of the EU contribution

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

Short summary

The reports and data publishing will ensure acknowledgement of the EU financial support to enable the implementation of the project. Further any event undertaken by this project will always acknowledge the EU support to make its contribution visible at all levels and stages of implementation. Therefore the EU is acknowledged as the funding Agency at both the local project level and through GBIF. This makes it possible for stakeholders and government to recognize the role played by EU in enhancing the implementation of the project.

Sources of verification

This project reports and events, partners in the project implementation





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Signature _____

Name of the contact person for the BID Project: __ Prof Pantaleo KT Munishi _

Date report sent by email in Word format to bid@gbif.org for pre-approval: 05 February 2019

Date report sent by post to GBIF Secretariat: _____



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