GBIF | Global Biodiversity Information Facility

FINAL ACTIVITY REPORT

Guidelines on how to complete the activity report are included in italics. Please include sources of verification as links or annexes.

Remember that this report will be made available on your project page on the GBIF website and therefore should not include email addresses, unless you have permission from all mentioned in the report that their email information can be published.

Contents

1. Project overview

Please insert text in the table

Project title	Nigeria Node Mentoring	
Project ID	**CESP2018_012**	
Project period	**Start date (dd/mm/yy):** **19/06/2018**	**End date (dd/mm/yy):** **18/05/2019**
Project lead		
Name of the main contact person	Name: Dr.(Mrs.) Omokafe Alaba Ugbogu Email: omokafeugbogu@yahoo.com Phone: +234 8032236876	
Name of institution	Forestry Research Institute of Nigeria	
GBIF Participant represented	GBIF Nigeria	

Role(s) in this project	Coordinator	
Project partner(s)		
Name and institution of the representative	**GBIF Participant represented (if applicable)**	**Role(s) in the project**
GANGLO Cossi Jean, University of Abomey-Calavi ganglocj@gmail.com	GBIF Benin	Prime Mentor/ Trainer
Anne-Sophie Archambeau, Institut de Recherche pour le Développement (IRD), archambeau@gbif.fr	GBIF France	Mentor /Trainer

2. Executive summary

Provide a brief explanation of the project and its implementation, the main capacity enhancement objectives achieved, the approach taken for the final evaluation, lessons learned and conclusions.

[Insert text here]

The Nigeria Node Mentoring project under CESP was mentored by Benin and France GBIF, however, France GBIF was not available for us, for security reasons .   We had our first mentoring program with BeninGBIF in Benin in December 10-14, 2018 on *"Workshop on GBIF Node Management, Biodiversity data types, Data cleaning, Biodiversity Data uses and Biodiversity Data analysis"*. It was a huge success with 5 Mentees from Nigeria (Forestry Research Institute of Nigeria (FRIN), University of Calabar and Ahmadu Bello University, Zaria). The Nigeria Node organized a workshop on *"Biodiversity data Management and Usage"* held in January 21-25, 2019 at Forestry Research Institute of Nigeria . The Workshop featured all that we learnt from the BeninBIF. In addition and on the first day, we taught them Data mobilization and pubication on GBIF platform , for the purpose of those who were just coming in contact with GBIF for the first time , so as to enable them key into the trainig properly.
The Nigeria Node organized the second workshop on *"Biodiversity data Management and Usage"* held in April 8-12, 2019 at Ahmadu Bello University (ABU), Zaria, Kaduna State. The Workshop featured all that were done at the first workshop held in FRIN.

From some of previous GBIF training workshop, it becomes necessary that efforts must be made to get the real Data holders to work by making provision for their incentives from the Node's funding of the Federal Ministry of Environment via Forestry Research Institute of Nigeria. Both the controler of the Data holders (Older ones) and the younger and energetic ones should be trained. Experience has shown that the younger scientists most of who are students get the understanding of the trainings faster than the older persons who are the custordians of the Data. If one trains only the older ones with the data, they may not be able to cope with stress of Data entry, while the younger ones, though better but do not have control over data. These were our experiences. Hence the two catigories should be trained. We have over 20 National Youth Service Corpers(NYSC) that we requested for on the BID project. They have been trained and are helping with Data entries with us in FRIN. After the one year service, some of them (especially the jobless) could be engaged in Data entries across Nigeria if funds are available to send them out.

The interactions of NgBIF with GBIF Benin have aided the transfer of Knowledge through training/mentoring activities with the objective of acquiring the best practices in the running of biodiversity information facility's activities and management of national biodiversity data.

3. Project objectives

Provide the list of the objectives included in your original project proposal, and a description of how your project activities contributed to meeting them. Also include any additional objectives that were defined during the implementation of the project. In

the event of unexpected challenges which prevented you to reach a planned project objective, please provide detailed explanations and indicate how you plan to reach these objectives post project.

[Insert text here]

1. *Guidance and technical support in order to implement a better data mobilization strategy:* This was through the training that was held with Benin GBIF between 10-14 December, 2018
2. *To mobilize and publish new data using the tools developed by GBIF and following data quality best practices:* We are very hopeful to get Data mobilization and publication from Ahmadu Bello University (ABU), Zaria, Kaduna State and University of Calabar, particularly when the Universities are on break.
3. *The project will enhance a more coverage across the various ecological zones:* All the ecological zones were represented in the CESP workshops. The First workshop held in FRIN covered all the zones. However, there was more attendance from the Southern region, particularly the South West. We are hopeful to cover maximally the South- East and South-South sub-regions in the nearest future. The second CESP workshop in Nigeria, had in attendance participants from Northern region only, mostly North-West, while we intend to cover other sub- regions of North-Central and North- East more closely in the nearest future. NgBIF is happy to have had the second CESP workshop in Ahmadu Bello University, Zaria. The University was highly appreciative of GBIF activities and to have considered her for the venue of the programme. Infact. The Botany Department gave all the five Resource persons Award and gift items at closing ceremony. The commitment shown was very commendable.
4. *This project is to meet one of the essential goals of GBIF in capacity enhancement to strengthening NgBIF in sustainable performance of GBIF programmes in Nigeria and to expand the National networks:* This was achieved through the two CESP training workshops held in the South and Northern Region of Nigeria with over 150 people trained coupled with network of specialized group established by the participants. NgBIF is particularly happy because the programme has enabled us to know who we can partner with in the future unlike the 2016 BID partners.

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4. Project implementation

4.1. Activities completed

Describe the activities that have been completed at the time of writing the report. Explain how the different partners in the project have contributed to their implementation.

[Insert text here]

Activities	Complete	Explanation
Initiate steps of exposure to node activities and development of framework for mentoring activities-through emails, Skype meetings	*Yes*	This was achieved through emails and physical meeting at the Regional meeting at Tanzania for discussion (Node managers of Benin and Nigeria)
Node Mentee –assessment visits to Benin Mentor GBIF, to be exposed to different models of node operations and provide directions and basis for operations of NgBIF, sharing of Mentor's	Yes	There was no separate assessment visit to Benin. It was only one visit for a period of five days, with in which the Mentor shared his experiences

experiences		
Invitation of Node manager , IT engineer and Data engineer from Benin GBIF mentor to attend meetings and training in Nigeria (Ibadan) - on technical on GBIF standards, tools, data publishing to the GBIF portal, data quality and data uses	No	There was no visit of Benin GBIF to Nigeria due to security reason, but we got the training on technical on GBIF standards, tools, data publishing to the GBIF portal, data quality and data uses
Deadline for mid-term reporting	Yes	Sent the report to GBIF
Preparation for the training in Zaria	Yes	Meeting with the Northern participants at the first CESP workshop in FRIN. Several interactions through phone calls and emails with ABU, Botany Department , Zaria, who served as Local Organizing committee.
Training on technical on GBIF standards, tools, data publishing to the GBIF portal, data quality and data uses, in Zaria (North),	Yes	Second CESP workshop between 8-12 April, 2019 at ABU, Zaria
Invitation of Node manager , IT engineer and Data engineer Ng GBIF mentees to attend meetings and training in Benin - on technical on GBIF standards, tools, data publishing to the GBIF portal, data quality, data uses and upgrading the NgBIF website for the node (**This Second trip is to meet with GBIF France**)	No	There was no definite time on France GBIF's visit to Benin and Benin GBIF felt NgBIF 's visit to NgBIF may not be necessary, because we spent 5 days instead of shorter time, to cover many topics.
Establishment of basic data infrastructure, Acquisition of Web server, accessories and software (Upgrading the NgBIF website for the node)	Yes	Increase in Space.

4.2. Post-project activities

Describe post-project activities if any (e.g. longer-term evaluation, follow-up projects/meetings/training events) and your plans for their completion.

[Insert text here]

1. NgBIF plan to mail to the participants at the CESP training to remind and encourage them in Data mobilization and publication on the GBIF ptatform

2. Collaboration with some of the participants on future GBIF project.

3. Training of more Data holders

4. Improvement of NgBIF secretariat

5. Contonious Data mobilization and publication

4.3. Project deliverables – final status

Provide updates on the status of the planned deliverables at the time of final reporting, listing the activities related to these and providing explanatory notes.

For any deliverables that have not yet been completed, please provide detailed explanatory notes and indicate planned completion date after the end of the project.

In the event of any additional deliverables having being completed during the implementation of the project, please add rows as required.

Please provide links to any documents or webpages in the "Sources of verification" column. Add as many rows as needed. Alternatively the deliverables can be attached to the report in the Annex.

Deliverable	Related activity	Status of deliverable at final reporting Completed? Yes/No	Explanatory notes, inc. planned completion date if necessary.	Sources of verification
Nigerian node staff and key holders are assessed and trained	**Workshop training on Biodiversity management and uses**	Yes	**Surveymonkey were sent**	https://www.surveymonkey.com/results/SM-32PBP95JV/ and https://www.surveymonkey.com/results/SM-Q2N5ZYNNV/
Upgraded NgBIF website for the node	Increase in space	Yes		
Well organized National workshops in 2 locations	**First Workshop training held in Ibadan and the second at ABU, Zaria**	Yes	**First Workshop training held in Ibadan on and the second one on 8-12 April 2019 at ABU, Zaria**	https://www.surveymonkey.com/results/SM-N2D2QXJQV/ And https://www.surveymonkey.com/results/SM-V9VD2H2HV/
National and Regional	**Trainig in Benin Republic**	Yes	**To deny the people who had refused to publish**	

Deliverable	Related activity	Status of deliverable at final reporting Completed? Yes/No	Explanatory notes, inc. planned completion date if necessary.	Sources of verification
strategies learnt			**of Node's endorsement on their applications to GBIF project.**	
The Nigeria Node identifies with its logo	NgBIF has done developed the logo	Yes	It is done but and sent to National committee for approval	
The Broader scientific communities aware of GBIF	**Invitation sent to various field areas of Biodiversity**	Yes	**Specialists from broad Biodersity Data holders attended the Workshop**	https://www.surveymonkey.com/results/SM-32PBP95JV/ and https://www.surveymonkey.com/results/SM-Q2N5ZYNNV/
Mechanisms to promote incentives for data publishing in place	Promise made of incentive for published data	Yes	Incentive was announced at the two workshops for published data	
Data mobilization and publication by The Nigerian Conservation Foundation (NCF)	Data mobilization and publication	Continuous	GBIF France is hosting the IPT for the data publishing	https://www.gbif.org/dataset/26e549a9-07f7-48b1-a289-7f7f08cc6377
Data mobilization and publication by Ahmadu Bello University, Zaria	Data mobilization and publication	Continuous	GBIF France is hosting the IPT for the data publishing	https://www.gbif.org/dataset/6b6fb2f3-b38a-4027-b8f1-ab824238cc07
Data mobilization and publication by University of Calabar	Data mobilization and publication	Continuous	GBIF France is hosting the IPT for the data publishing	https://www.gbif.org/dataset/e1e99083-3c9d-4d2a-af6d-5c4e2f8b1982

4.4. Project calendar

The calendar should be updated from the status at mid-term to reflect the project implemenation at the project's close. Please provide justifications for any changes in the notes column.

Activity	2018							2019					Notes
	J	J	A	S	O	N	D	J	F	M	A	M	
Initiate steps of exposure to node activities and development of framework for mentoring activities-through emails, Skype meetings							X						
Node Mentee –assessment visits to Benin Mentor GBIF, to be exposed to different models of node operations and provide directions and basis for operations of NgBIF, sharing of Mentor's experiences							X						
Invitation of Node manager , IT engineer and Data engineer from Benin GBIF mentor to attend meetings and training in Nigeria (Ibadan) - on technical on GBIF standards, tools, data publishing to the GBIF portal, data quality and data uses								X					
Deadline for mid-term reporting								X					
Preparation for the training in Zaria										X			
Training on technical on GBIF standards, tools, data publishing to the GBIF portal, data quality and data uses, in Zaria (North),											X		
Invitation of Node manager , IT engineer and Data engineer Ng GBIF mentees to attend meetings and training in Benin - on technical on GBIF standards, tools, data publishing to the GBIF portal, data quality, data uses and upgrading the NgBIF website for the node (**This Second trip is to meet with GBIF France**)													

Activity	2018							2019					Notes
	J	J	A	S	O	N	D	J	F	M	A	M	
Establishment of basic data infrastructure, Acquisition of Web server, accessories and software (Upgrading the NgBIF website for the node)										X			
Evaluation and Reports writing											X	X	
Deadline for final reporting												X	

4.5. Project communications and visibility

Describe the way the results of your project have been and will continue to be communicated and shared with the project stakeholders and broader GBIF community. Please also review the page describing your project available from https://www.gbif.org/programme/82219/capacity-enhancement-support-programme#projects. Highlight any additional documents, events, news items or links that you would like to add to your page and provide links/attachment in the Annex.

[Insert text here].

 Posting of BID and CESP activities on the NgBIF website; and sending the links to participants to access and use the Data mobilized on the Nigeria IPT of GBIF. The CESP activities can be found in this http://www.ngbif.org.ng/

5. Evaluation: lessons learned and best practices

An assessement of the overall outcomes and impacts of your project, including strengths and weaknesses in its implementation and results. Try to identify your experiences that could help others to design and implement projects more effectively, including the best practices to adopt and the pitfalls to avoid.

[Insert text here]

The project was very impactful, creating an enabling environment for networking amongst the various specialized groups. The project suppervisors and the graduate students plan to use the maxent in their data analysis on their projects and for journal publication purposes. . The data analysis tools will be particularly be useful in the Biodiversity assessments and projections that will be relevant to policy makers for the purpose of conservation and sustainable uses of the biodiversity . As much as possible, the data holders and the younger scientists or graduate student s should be encouraged to attend trainings, though this will increase attendance and attract more costs but, it pays off on the long run.

Evaluation link to Ibadan CESP : https://www.surveymonkey.com/results/SM-N2D2QXJQV/

Evaluation link to Zaria CESP : https://www.surveymonkey.com/results/SM-V9VD2H2HV/

1. Efforts must be made to get the real Data holders to work by making provision for their incentives and the Node will fashion out with the Federal Government Budget in FRIN on how the Node

could be empowered with some funds that can be used to pay them. It is however, noted that the unsed CESP fund cannot be claimed for incentives of Data mobilization.

2. Both the controler of the Data holders (Older ones) and the young and energetic ones should be trained. Experience has shown that the younger scientists who are students get the trainings faster than the older persons who are the custordians of the Data. If one trains only the older ones with the data, they may not be able to cope with stress of Data entry, while the younger ones, though good but do not have control over data. These were our experiences

3. We have over 20 National Youth Service Corpers(NYSC) that we requested for on the BID project. They have been trained and are helping with Data entries with us in FRIN. After the one year service, some of them(especially the jobless) could be engaged in Data entries across Nigeria if funds are available to send them out.

6. Future plans and sustainability

A description of how the partners involved will build on the results of this project in their future work. This could include future collaborative activities, such as plans to complete any unfinished project activities, and how the future impact of the project could be monitored or measured.

[Insert text here]

1. BeninBIF suggested further collaborative activities in the future

2. Hopefully, FranceBIF should welome NgBIF to France if they cannot come to Nigeria for security reasons.

3. The future impact could be monitored by increase in Data mobilization and publication on the GBIF plateform

4. To meet up demands for trainings in other sub-regions/ Institutions.

7. Signature of the project main contact person

Signed on behalf of the project partners   Date

Omokafe A. Ugbogu   22/5/2019

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Annex 1 – Additional sources of verification

Please use this section to provide any additional sources of verification, for example links to relevant digital documents, news/newsletters, brochures, copies of agreements with data holding institutions, workshop related documents, pictures, etc.

[Insert text here]