



BID Africa 1 – National 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” and **indicate expected date of completion**
- 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. **Please provide access to all mentioned sources of verification** by either providing the 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

.....

Template

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



2. Project Information

2.1. Project Coordinator: Institution/network/agency name: Ganglo Cossi Jean, GBIF Node manager. Faculty of Agricultural Sciences. Benin

2.2. Main contact person and role: Ganglo Cossi Jean, GBIF Node manager. Faculty of Agricultural Sciences. Benin

2.3. BID proposal identifier: BID-AF2015-0065-NAC

2.4. Project title: Capacity building and biodiversity data mobilization to address health and food security priorities in Benin (West Africa)

2.5. Start date and end date of the reporting period: 1st /12/2016 to 31/08/2017

2.6. Country 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 (500 words maximum)

During this period, we focused on two major objectives:

1) **Data publication:** We achieved this through in person contacts with potential data providers we identified during our previous workshops. As a result of this we successfully published during the period 11 datasets with a total of 47,800 georeferenced records. In the framework of the project a total of 16 datasets with 59,278 georeferenced data are then published on GBIF site against an initial objective of publishing 50,000 records.

2) **Data use:** During this period we also advance on data use with sound results. We modeled the ecological niches of 4 agroforestry and 2 medicinal plants and derived the plausible impacts of climate change on their spatial distributions. Our findings will serve as baselines for a forum discussion in the coming workshops and will then be enriched by resource persons and contribute to inform decision on biodiversity conservation.

We tell all our gratitude to European Union, GBIF Secretariat, and BID team.



3.2. Progress against expected milestones:

Expected milestones/activities	Completed? Yes/No	Explanatory notes	Sources of verification
Completed capacity self-assessment questionnaire for national biodiversity information facilities (www.gbif.org/resource/82277).	Yes	We received and completed the questionnaire on request of BID team	GBIFS
At least three national data publishing institutions are registered with GBIF.org For registered data publishers see: http://www.gbif.org/publisher/search	Yes	11 data publishers are effectively registered on GBIF site	<p>GBIF Benin (http://www.gbif.org/publisher/b2db85d5-c5fe-4125-9e36-590a5f651829)</p> <p>Université d'Abomey-Calavi, Faculté des Sciences Agronomiques (http://www.gbif.org/publisher/2afeb273-cbbc-4fcf-a10f-7baf271b62c5)</p> <p>Direction Générale des Eaux, Forêts et Chasse (http://www.gbif.org/publisher/616e379f-90ed-4c21-9793-8e20f982e9d1)</p> <p>Laboratoire d'Ecologie Appliquée/Université d'Abomey-Calavi (LEA/UAC) (http://www.gbif.org/publisher/633602e8-4c6f-4619-b433-c4968da3ed08)</p> <p>Laboratory of Forest Sciences (University of Abomey-Calavi) (http://www.gbif.org/publisher/5ca9a113-2397-4540-84b4-41114a1404ef)</p> <p>Agence Privée d'Expertise et de Conseils pour le Développement Inclusif (APECDI) (http://www.gbif.org/publisher/dfb951db-f345-4e4b-a7e2-00da7efce5e7)</p> <p>SOS Biodiversity https://www.gbif.org/publisher/47737ea6-3620-4c0c-bc6d-c67cc2acfa34</p> <p>Faculté des Sciences et Techniques (FAST) https://www.gbif.org/publisher/65ffa9e-53b3-40cd-9dbb-727c1cb2a431</p> <p>Projet forêts sacrées https://www.gbif.org/publisher/f5fe9ccf-233a-4d74-bab5-6043d7926d1d</p> <p>ONG Rêve Développement https://www.gbif.org/publisher/4903a06b-38a2-4abc-a56a-3876c5eec91a</p> <p>Laboratoire d'Ecologie, de Botanique et de Biologie végétale (LEB) https://www.gbif.org/publisher/63680734-f107-4746-890f-fa68834fb13e</p>
At least one person from the project team has completed the certification process following the first BID Capacity Enhancement workshop	Yes	We were two from Benin (GBETOHO Jaures and myself, GANGLO Cossi Jean)	GBIFS
Knowledge dissemination activities have been scheduled following the first BID Capacity Enhancement workshop	Yes	There were follow up activities of our previous workshops through in	The links to the datasets published are provided below



		person contacts to enhance data mobilization, data cleaning, and data publishing. As a result of this, 11 datasets with a total of 47 800 georeferenced records were published during the period	
At least one dataset has been published to GBIF.org	Yes	<p>11 datasets with a total of 47,800 georeferenced records were published during this period.</p> <p>In the framework of the project a total of 16 datasets with 59,278 georeferenced data are published against an initial objective of publishing 50,000 records</p>	<ol style="list-style-type: none"> 1. http://www.gbif.org/dataset/ef9fca55-a303-458a-b95d-eeff0e8cce46 2. http://www.gbif.org/dataset/80a00e21-1d93-490f-b94e-a6bd87997f33 3. http://www.gbif.org/dataset/be454edf-e4b7-444d-9f49-cfb54efeacaf 4. http://www.gbif.org/dataset/2a5ec2a2-ca47-469c-9ccd-43826d9bf7a8 5. http://www.gbif.org/dataset/bfd83b14-c0d7-4646-a9e0-d0a7a37d0a98 6. http://www.gbif.org/dataset/289d0510-12d8-4d87-9875-465cfc7a8769 7. http://www.gbif.org/dataset/9cc68a7f-df2d-49d6-b797-94c99a2cafe8 8. http://www.gbif.org/dataset/37d71109-216b-461d-b3a4-a100eef077cc 9. http://www.gbif.org/dataset/fc7cca53-4b48-415a-9d31-9c9b71659697 10. http://www.gbif.org/dataset/a5a93c20-5100-413f-a181-382850354c1f 11. https://www.gbif.org/dataset/b737fdac-8e6c-40fb-b743-f226e2b2f9da
The data users identified in the full proposal have documented their intended use of the mobilized data and provided early feedback	Yes	<p>Two of them are already using data or expressed their interest:</p> <ol style="list-style-type: none"> 1) Faculty of Agricultural Sciences of the University of Abomey-Calavi through its Laboratory of Forest Sciences 2) Center of study and research in forestry, Benin. Ministry of Environment <p>The two others don't yet have the capacity of using the data published on GBIF site</p>	Reports



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
Deliverables for GOAL 1 - Establish or strengthen national biodiversity information facilities				
Strategy is developed to clearly identify the priority medicinal plants renowned in healing malaria as well as priority multipurpose agroforestry plant species to be considered in the project	Achievement of the list of priority species	Yes	This activity was achieved during the period of the first report	Reports
Workshops are organized at national level to capacitate partners and raise their awareness on data mobilization and use	Achievement of workshops at national level	No	During this period, we decided to follow up the results of our previous workshops through in person contacts to enhance data mobilization. We then successfully published during this period 11 datasets with a total of 47,800 georeferenced records	The links to the datasets published are provided below
Beninese are capacitated in institutions overseas and digitize Beninese data deposited in overseas institutions	Digitization of data in overseas institutions	No	We will no more go to Europe but we will use images of specimens provided by European partners and digitized data from them	-
Deliverables for GOAL 2 - Increase available biodiversity data, within and beyond the grant period				
Technical and financial assistance are provided to partner institutions to help them achieve data digitization	Enhancing data mobilization at national level	Yes	Our assistance to partner institutions help us successfully publish during this period 11 datasets with a total of 47,800 georeferenced records	The links to the datasets published are provided below
Data mobilized at national level are published through GBIF and GBIF Benin portals	Publishing data mobilized at national level	Yes	We successfully published during this period 11 datasets with a total of 47,800 georeferenced records. In the framework of the project a total of 16 datasets with 59,278 georeferenced records are published against an initial objective of publishing 50,000 records	<ol style="list-style-type: none"> http://www.gbif.org/dataset/ef9fca55-a303-458a-b95d-eeff0e8cce46 http://www.gbif.org/dataset/80a00e21-1d93-490f-b94e-a6bd87997f33 http://www.gbif.org/dataset/be454edf-e4b7-444d-9f49-cfb54efeacaf http://www.gbif.org/dataset/2a5ec2a2-ca47-469c-9ccd-43826d9bf7a8 http://www.gbif.org/dataset/bfd83b14-c0d7-4646-a9e0-d0a7a37d0a98 http://www.gbif.org/dataset/289d0510-12d8-4d87-9875-465cfc7a8769 http://www.gbif.org/dataset/9cc68a7f-df2d-49d6-b797-





Deliverable	Related activity	Completed ? Yes/No	Explanatory notes	Sources of verification
				94c99a2cafe8 8. http://www.gbif.org/dataset/37d71109-216b-461d-b3a4-a100eef077cc 9. http://www.gbif.org/dataset/fc7cca53-4b48-415a-9d31-9c9b71659697 10. http://www.gbif.org/dataset/a5a93c20-5100-413f-a181-382850354c1f 11. https://www.gbif.org/dataset/b737fdac-8e6c-40fb-b743-f226e2b2f9da
Data mobilized in overseas institutions are published through GBIF, GBIF Benin, and partner institutions' portals, and databases	Publishing data mobilized in overseas institutions	No	We will use images of specimens provided by Europe partners, digitized data from them, and publish the data in collaboration with our overseas partners	-
Checklist of renowned multipurpose agroforestry plant species used as staple food and income sources by Beninese populations is achieved and published	Achievement and publishing of checklist of renowned multipurpose agroforestry plant species	No	We were waiting for the maximum data to be published first	-
Checklist of renowned plant species used to heal malaria in Benin is achieved and published	Achievement and publishing of checklist of renowned medicinal plants	No	We were waiting for the maximum data to be published first	-
Deliverables for GOAL 3 - Apply biodiversity data in response to national priorities				
The distribution maps and ecological niche models of the targeted species are achieved in the context of global change	Achievement of distribution maps of the species in the context of global change	Yes partially	Actually the research activities of the Laboratory of Forest Sciences that is supporting GBIF Benin concern 6 species of which two medicinal species and 4 agroforestry species.	reports
Strategies of the species' conservation and sustainable use are suggested	Identification of efficient strategies and actions to protect and conserve targeted species	Yes partially	Actually the research activities of the Laboratory of Forest Sciences that is supporting GBIF Benin concern 6 species of which two medicinal species and 4 agroforestry species. The results will be validated and enriched with participants' contributions during our next workshops	reports
Conclusions are derived on how relevant protected areas are today and in the future with respect to the distributions of targeted species and possible adjustments of their extents are suggested so	Evaluation of the usefulness of protected areas as of today and in the future and suggestions of possible adjustments	No	We are waiting for sound results before	





Deliverable	Related activity	Completed ? Yes/No	Explanatory notes	Sources of verification
as to increase their efficiency in protecting biodiversity				
Communication and outreach are elaborated from our results to demonstrate to policy and decision makers the value chain: data → knowledge → applications (conservation priorities) on the targeted species	Achievement of communications and outreach on deliverables	No	We are waiting for sound results before	
	broadcast deliverables through communications and outreach via diverse media	No	We are waiting for sound results before	

3.4. 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
Distribution de quelques espèces de plantes agroforestières et médicinales au Bénin	Faculté des Sciences et Techniques (FAST)	http://www.gbif.org/dataset/ef9fca55-a303-458a-b95d-eeff0e8cce46	16 January 2017	See URL
Monitoring the dynamics of a medicinal tree species <i>Haematostaphis barteri</i> Hook. F. in Benin	Direction Générale des Eaux, Forêts et Chasse	http://www.gbif.org/dataset/80a00e21-1d93-490f-b94e-a6bd87997f33	5 February 2017	See URL
Plantes médicinales et agroforestières inventoriées au cours de l'élaboration du plan Aménagement et de Gestion Simplifié (PAGS) des forêts galeries des départements de l'Ouémé-Plateau.	ONG Rêve développement	http://www.gbif.org/dataset/be454edf-e4b7-444d-9f49-cfb54efeacaf	2 March 2017	See URL
Census of medicinal and agroforestry plants of Benin	Laboratory of Forest Sciences (University of Abomey-Calavi)	http://www.gbif.org/dataset/2a5ec2a2-ca47-469c-9ccd-43826d9bf7a8	2 March 2017	See URL
Data on medicinal plants of Benin	Laboratory of Forest Sciences (University of Abomey-Calavi)	http://www.gbif.org/dataset/bfd83b14-c0d7-4646-a9e0-d0a7a37d0a98	4 May 2017	See URL
Data on agroforestry plant species of Benin	Laboratory of Forest Sciences (University of Abomey-Calavi)	http://www.gbif.org/dataset/289d0510-12d8-4d87-9875-465cfc7a8769	4 May 2017	See URL
List of medicinal and agroforestry plants found in various ecosystems of Benin	Laboratory of Forest Sciences (University of Abomey-Calavi)	http://www.gbif.org/dataset/9cc68a7f-df2d-49d6-b797-94c99a2cafe8	4 June 2017	See URL
Census of agroforestry plant species of Benin (West Africa) by SOS Biodiversity	Laboratory of Forest Sciences (University of Abomey-Calavi)	http://www.gbif.org/dataset/37d71109-216b-461d-b3a4-a100eef077cc	4 June 2017	See URL
Census of medical plant species of Benin (West Africa) by SOS Biodiversity	Laboratory of Forest Sciences (University of Abomey-Calavi)	http://www.gbif.org/dataset/fc7cca53-4b48-415a-9d31-9c9b71659697	3 June 2017	See URL
Palmiers sauvages du Bénin	Laboratoire d'Ecologie Appliquée/Université d'Abomey-Calavi (LEA/UAC)	http://www.gbif.org/dataset/a5a93c20-5100-413f-a181-382850354c1f	28 July 2017	See URL
Agroforestry species in <i>Parkia biglobosa</i> 's parklands in Northern Benin	Laboratory of Forest Sciences (University of Abomey-Calavi)	https://www.gbif.org/dataset/b737fdac-8e6c-40fb-b743-f226e2b2f9da	11 August 2017	See URL

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 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.



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

Dataset	Data user	Data use	Date/time frame	Sources of verification	Notes
The occurrence data were downloaded from GBIF site in October 2016 (http://doi.org/10.15468/dl.bn7vpz).	Laboratory of Forest Sciences	Ecological niche modeling and strategies for the conservation of <i>Dialium guineense</i> Willd. (black velvet) in West Africa	December 2016	Report	Agroforestry species
On June 2017 directly with the plugin of GBIF in QGIS	Laboratory of Forest Sciences	Spatial distribution and strategy of conservation of <i>Chrysophyllum albidum</i> in Benin	June 2017	Report	Agroforestry species
DOI of <i>P. erinaceus</i> : http://doi.org/10.15468/dl.6ucyrp ; DOI of <i>A. africana</i> : http://doi.org/10.15468/dl.yl7epd).	Laboratory of Forest Sciences	Modeling the spatial distribution of multipurpose forest trees for sustainable conservation and use in the context of climate change: case of <i>Azelia africana</i> Sm. and <i>Pterocarpus erinaceus</i> Poir. in Benin (West Africa)	September 2016	Report	Agroforestry species
http://doi.org/10.15468/dl.des6nm http://doi.org/10.15468/dl.mdz7f2 http://doi.org/10.15468/dl.g0uo1b	Laboratory of Forest Sciences	Potential geographical distribution of <i>Cissus populnea</i> Guill. & Perr. in Benin (West Africa)	June 2017	Report	Medicinal
https://www.gbif.org/occurrence/download/0032212-160910150852091	Laboratory of Forest Sciences	How broads are the suitable areas of <i>Nauclea latifolia</i> Sm. to support the conservation of the species despite the use of all of its parts	December 2016	Report	Medicinal

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.

NB: This period was at data mobilization and data use

Full title	Organizing institution	Dates	Number of participants	Sources of verification



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. If no result has been achieved on a specific activity, please indicate it as "no result achieved yet" and indicate expected date of completion. 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: Establish or strengthen national biodiversity information facility

Activity 1 name: Achievement of the list of priority species

Description of any implementation during the reporting period

The lists of priority agroforestry and medicinal plants were achieved in agreement with national partners since the period of early progress report

Sources of verification

Previous reports

Activity 2 name: Achievement of workshops at national level

Description of any implementation during the reporting period

During this period, we decided to follow up the results of our previous workshops through in person contacts to enhance data mobilization. We then successfully published during this period 11 datasets with a total of 47,800 georeferenced records

Sources of verification

The links of the datasets published are provided above

Activity 3 name: Digitization of data in overseas institutions

Description of any implementation during the reporting period

We will no more go to Europe but we will use images of specimens provided by European partners and digitized data from them





Sources of verification

no result achieved yet

4.2. Goal 2: Increase available biodiversity data, within and beyond the grant period

Activity 1 name: Enhancing data mobilization at national level

Description of any implementation during the reporting period

Financial and technical assistance were given to partners to assist them publishing their data. We successfully published during this period 11 datasets with a total of 47,800 georeferenced records. In the framework of the project a total of 16 datasets with 59,278 georeferenced records are then published against an initial objective of publishing 50,000 records

Sources of verification

<http://www.gbif.org/dataset/ef9fca55-a303-458a-b95d-eeff0e8cce46>
<http://www.gbif.org/dataset/80a00e21-1d93-490f-b94e-a6bd87997f33>
<http://www.gbif.org/dataset/be454edf-e4b7-444d-9f49-cfb54efeacaf>
<http://www.gbif.org/dataset/2a5ec2a2-ca47-469c-9ccd-43826d9bf7a8>
<http://www.gbif.org/dataset/bfd83b14-c0d7-4646-a9e0-d0a7a37d0a98>
<http://www.gbif.org/dataset/289d0510-12d8-4d87-9875-465cfc7a8769>
<http://www.gbif.org/dataset/9cc68a7f-df2d-49d6-b797-94c99a2cafe8>
<http://www.gbif.org/dataset/37d71109-216b-461d-b3a4-a100eef077cc>
<http://www.gbif.org/dataset/fc7cca53-4b48-415a-9d31-9c9b71659697>
<http://www.gbif.org/dataset/a5a93c20-5100-413f-a181-382850354c1f>
<https://www.gbif.org/dataset/b737fdac-8e6c-40fb-b743-f226e2b2f9da>

Activity 2 name: Publishing data mobilized at national level

Description of any implementation during the reporting period

We successfully published during this period 11 datasets with a total of 47,800 georeferenced records. In the framework of the project a total of 16 datasets with 59,278 georeferenced records are published against an initial objective of publishing 50,000 records

Sources of verification

<http://www.gbif.org/dataset/ef9fca55-a303-458a-b95d-eeff0e8cce46>
<http://www.gbif.org/dataset/80a00e21-1d93-490f-b94e-a6bd87997f33>
<http://www.gbif.org/dataset/be454edf-e4b7-444d-9f49-cfb54efeacaf>



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



<http://www.gbif.org/dataset/2a5ec2a2-ca47-469c-9ccd-43826d9bf7a8>
<http://www.gbif.org/dataset/bfd83b14-c0d7-4646-a9e0-d0a7a37d0a98>
<http://www.gbif.org/dataset/289d0510-12d8-4d87-9875-465cfc7a8769>
<http://www.gbif.org/dataset/9cc68a7f-df2d-49d6-b797-94c99a2cafe8>
<http://www.gbif.org/dataset/37d71109-216b-461d-b3a4-a100eef077cc>
<http://www.gbif.org/dataset/fc7cca53-4b48-415a-9d31-9c9b71659697>
<http://www.gbif.org/dataset/a5a93c20-5100-413f-a181-382850354c1f>
<https://www.gbif.org/dataset/b737fdac-8e6c-40fb-b743-f226e2b2f9da>

Activity 3 name: Publishing data mobilized in overseas institutions

Description of any implementation during the reporting period

We will no more go to Europe but we will use images of specimens provided by European partners and digitized data from them

Sources of verification

No result achieved yet

Activity 4 name: Achievement and publishing of checklist of renowned multipurpose agroforestry plant species

Description of any implementation during the reporting period

We were waiting for the maximum data to be published first

Sources of verification

No result achieved yet

Activity 5 name: Achievement and publishing of checklist of renowned medicinal plants

Description of any implementation during the reporting period

We were waiting for the maximum data to be published first

Sources of verification

No result achieved yet





4.3. Goal 3: Apply biodiversity data in response to national priorities

Activity 1 name: Achievement of distribution maps of the species in the context of global change

Description of any implementation during the reporting period

Actually the research activities of the Laboratory of Forest Sciences that is supporting GBIF Benin concern 6 species of which two medicinal species and 4 agroforestry species.

Sources of verification

See reports

Activity 2 name: Identification of efficient strategies and actions to protect and conserve targeted species

Description of any implementation during the reporting period

Actually the research activities of the Laboratory of Forest Sciences that is supporting GBIF Benin concern 6 species of which two medicinal species and 4 agroforestry species. The results will be validated and enriched with participants contributions during our next workshops. The findings will thereafter inform decision on biodiversity conservation.

Sources of verification

See reports

Activity 3 name: Evaluation of the usefulness of protected areas as of today and in the future and suggestions of possible adjustments

Description of any implementation during the reporting period

We are waiting for sound results before

Sources of verification

No result achieved yet

Activity 4 name: Achievement of communications and outreach on deliverables

Description of any implementation during the reporting period

We are waiting for sound results before



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Sources of verification

No result achieved yet

Activity 5 name: broadcast deliverables through communications and outreach via diverse media

Description of any implementation during the reporting period

We are waiting for sound results before

Sources of verification

No result achieved yet





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 24 months, starting 1 June 2016 at the earliest)																										
Implementation period start date and end date (01/06/16 to 31/05/18)																										
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	
BID Capacity Enhancement workshop 1			X	X																						
6-month progress analysis						X																				
Mid-term evaluation & reporting															X											
Achievement of the list of priority species	X	X																								
Achievement of workshops at national level					X						X						X							X		
Digitization of data in overseas institutions																X	X	X	X	X	X	X	X	X	X	
Enhancing data mobilization at national level		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Publishing data mobilized at national level		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Publishing data mobilized in overseas institutions																X	X	X	X	X	X	X	X	X	X	
Achievement and publishing of checklist of renowned multipurpose agroforestry plant species								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Achievement and publishing of checklist of renowned medicinal plants								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Achievement of distribution maps of the species in the context of global change							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Identification of efficient strategies and actions to protect and conserve targeted species							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	





Evaluation of the usefulness of protected areas as of today and in the future and suggestions of possible adjustments								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Achievement of communications and outreach on deliverables								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
broadcast deliverables through communications and outreach via diverse media								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Evaluation period (maximum 6 months, ending 31 December 2018 at the latest)																							
Evaluation period start date and end date (01/06/18 to 31/12/18)																							
Activity	1	2	3	4	5	6	Notes																
Final financial and narrative reporting		X	X																				
Achievement of the list of priority species	X																						
Achievement of workshops at national level		X																					
Digitization of data in overseas institutions		X																					
Enhancing data mobilization at national level			X																				
Publishing data mobilized at national level			X																				
Publishing data mobilized in overseas institutions			X																				
Achievement and publishing of checklist of renowned multipurpose agroforestry plant species				X																			
Achievement and publishing of checklist of renowned medicinal plants				X																			
Achievement of distribution maps of the species in the context of global change				X																			
Identification of efficient strategies and actions to protect and conserve targeted species				X																			
Evaluation of the usefulness of protected areas as of today and in the future and suggestions of possible				X																			





adjustments								
Achievement of communications and outreach on deliverables					X			
broadcast deliverables through communications and outreach on TVs					X			

5.1. Explanatory notes:

NB: The highlighted planning periods are those modified

The activity “Digitization of data in overseas institutions” will be achieved by digitizing data from specimen images we received from Naturalis in Netherlands. It is more cost effective than what was planned.

The activity “Publishing data mobilized in overseas institutions” will be achieved in collaboration with Naturalis when data will be digitized from images.



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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.

All the project partners are always invited to attend workshops organized in the framework of the project and are therefore regularly trained. They are also contributing data as promised. Other laboratories of our Universities are also more and more involved in the project and they are also providing data for publication.

6.2. 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) ?

As GBIF Benin node manager, I am in close contact with the three coordinators of BID small grant projects to assist them in attaining their objectives. I also publish the data related to their project of GBIF site. I invite them and they all attended the workshops organized were then trained.

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?

Short summary

All the datasets published on GBIF site, cited the BID project and its funder (European Union). On the banner of the workshops, the logos of EU, BID, and GBIF are put in good place.

Sources of verification

They are the links to the data set published:

<http://www.gbif.org/dataset/ef9fca55-a303-458a-b95d-eeff0e8cce46>
<http://www.gbif.org/dataset/80a00e21-1d93-490f-b94e-a6bd87997f33>
<http://www.gbif.org/dataset/be454edf-e4b7-444d-9f49-cfb54efeacaf>
<http://www.gbif.org/dataset/2a5ec2a2-ca47-469c-9ccd-43826d9bf7a8>
<http://www.gbif.org/dataset/bfd83b14-c0d7-4646-a9e0-d0a7a37d0a98>
<http://www.gbif.org/dataset/289d0510-12d8-4d87-9875-465cfc7a8769>
<http://www.gbif.org/dataset/9cc68a7f-df2d-49d6-b797-94c99a2cafe8>
<http://www.gbif.org/dataset/37d71109-216b-461d-b3a4-a100eef077cc>
<http://www.gbif.org/dataset/fc7cca53-4b48-415a-9d31-9c9b71659697>
<http://www.gbif.org/dataset/a5a93c20-5100-413f-a181-382850354c1f>



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<https://www.gbif.org/dataset/b737fdac-8e6c-40fb-b743-f226e2b2f9da>

7.2. Visibility of the EU contribution

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

Short summary

All the datasets published on GBIF site acknowledged European Union as the funder of the BID project. We also thank EU in our opening and closing speeches during workshops. On the banner of the workshops, the logo of EU was put in good place.

Sources of verification

They are the links to the data set published:

<http://www.gbif.org/dataset/ef9fca55-a303-458a-b95d-eeff0e8cce46>
<http://www.gbif.org/dataset/80a00e21-1d93-490f-b94e-a6bd87997f33>
<http://www.gbif.org/dataset/be454edf-e4b7-444d-9f49-cfb54efeacaf>
<http://www.gbif.org/dataset/2a5ec2a2-ca47-469c-9ccd-43826d9bf7a8>
<http://www.gbif.org/dataset/bfd83b14-c0d7-4646-a9e0-d0a7a37d0a98>
<http://www.gbif.org/dataset/289d0510-12d8-4d87-9875-465cfc7a8769>
<http://www.gbif.org/dataset/9cc68a7f-df2d-49d6-b797-94c99a2cafe8>
<http://www.gbif.org/dataset/37d71109-216b-461d-b3a4-a100eef077cc>
<http://www.gbif.org/dataset/fc7cca53-4b48-415a-9d31-9c9b71659697>
<http://www.gbif.org/dataset/a5a93c20-5100-413f-a181-382850354c1f>
<https://www.gbif.org/dataset/b737fdac-8e6c-40fb-b743-f226e2b2f9da>

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