



# BID Africa 2017 – Small Grant Template

## Early progress 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@BID.org](mailto:GBIF@BID.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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## 1. Table of Contents

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## 2. Project Information

- 2.1. Principal investigator and grant coordinator: Institution/network/agency name: **World Vegetable Center, Eastern and Southern Africa, Arusha, Tanzania.**
- 2.2. Principal investigator name and role: **Dr. Tsvetelina Stoilova, Genetic Resources Specialist. Organizes workshop to build capacity of project partners from Burundi, Tanzania and Zambia; and trains germplasm curators on digitizing information for national germplasm databases with a focus on indigenous vegetables to improve data availability and sharing.**
- 2.3. BID proposal identifier: **BID-AF2017-0310-SMA**
- 2.4. Project title: **Capacity building towards digitization of national vegetable databases to address regional and national priorities in food and nutritional security in Eastern Africa**
- 2.5. Start date and end date of the reporting period: **01/10/2017 – 31/01/2018**
- 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).*

Under the project BID-AF2017-0310-SMA, the planned activities during the reporting period have been conducted. The questionnaire for selfassessment has been completed and submitted to the BID team. The first capacity enhancement workshop on data mobilization was attended by Dr. Tsvetelina Stoilova. Two of the partner organizations have been registered on the GBIF.org portal and registration of the remaining partners is in progress. During the reporting period, the all project partners stayed in close communication. Discussions on the project activities with partner organizations continue and the date for a capacity building workshop will be fixed according to the project working plan.

Following the BID requirements for the reporting period

- **Complete the capacity self-assessment questionnaire for data holding institution.**  
The self-assessment questionnaire was completed and submitted on time, before the deadline of 22 November 2017.
- **At least one data publishing institution registered with GBIF.org.**  
Two institutions - Southern Plant Genetic Resources Centre (SPGRC), Zambia and Agricultural Research Institute (ISABU), Burundi - have been registered on the GBIF.org portal.





- Dr. Tsvetelina Stoilova attended the **BID Capacity Enhancement workshop on data mobilization** organized as a part of the BID programme Africa 2017 at SANBI, South Africa from 6 to 8 December 2017. Dr. Tsvetelina Stoilova has completed the exercises and sent them to BID, before the deadline of 31 January 2018.



### 3.2. Progress against expected milestones:

Expected milestones/activities	Completed? Yes/No	Explanatory notes	Sources of verification
Completed capacity self-assessment questionnaire for data holding institutions <a href="https://www.gbif.org/document/82785/self-assessment-guidelines-for-data-holding-institutions">https://www.gbif.org/document/82785/self-assessment-guidelines-for-data-holding-institutions</a> (EN) <a href="https://www.gbif.org/document/82813/modele-dauto-evaluation-pour-les-institutions-detentrices-de-donnees">https://www.gbif.org/document/82813/modele-dauto-evaluation-pour-les-institutions-detentrices-de-donnees</a> (FR)	Yes	Self-assessment questionnaire has been completed by 22 November 2017.	Self-assessment questionnaire has been sent to BID and an acknowledgement was received (document is attached)
At least one data publishing institution is registered with GBIF.org Guidelines to become a publisher: <a href="https://www.gbif.org/become-a-publisher">https://www.gbif.org/become-a-publisher</a>	Yes	Two project-partner organizations have been registered with GBIF.org.	<a href="https://www.gbif.org/publisher/search?offset=0">https://www.gbif.org/publisher/search?offset=0</a>
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	Yes	Dr. Tsvetelina Stoilova attended the BID Capacity Enhancement workshop on Data Mobilization, part of the BID programme Africa 2017.	<ul style="list-style-type: none"> <li>▪ Use Case 2 was sent on 22 December 2017 (document is attached).</li> <li>▪ Dr. Tsvetelina Stoilova has completed practical exercises of Use Case 3 and sent them to BID before the deadline of 31 January 2018.</li> </ul>
Knowledge dissemination activities have been scheduled following the BID Capacity Enhancement workshop on Data Mobilization	Yes	The workshop will be conducted after the second training in April -May 2018.	Workshop for mobilizing data will be conducted in May 2018, according to the project planned activities.

### 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	Explanatory notes	Sources of
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		? Yes/No		verification
Digitize germplasm information; produce datasets with high-quality metadata of vegetable collections from Burundi, Tanzania and Zambia; and make these datasets available online in a database	Make available digitized germplasm databases on indigenous vegetable species from Burundi, Tanzania and Zambia in high-quality format	No	The project partners will be asked to digitize germplasm information and produce datasets with high quality metadata of vegetable collections from Burundi, Tanzania and Zambia after completing the capacity building workshop.	Every participant will provide feedback from the training and status of his data.
Publish one article in a peer-reviewed journal; make data freely available online through the GBIF.org portal	Organize database in standardized format to be published on the GBIF.org website and in one article	No	The data needs to be mobilized and published on the gbif.org portal. The paper will be published after publishing data, which will happens at the end of the project.	<ul style="list-style-type: none"> <li>▪ Germplasm databases will be mobilized and published.</li> <li>▪ The data will be published in a scientific article after publishing data.</li> </ul>
Build capacity for database management through a training workshop covering theoretical and practical knowledge and skills.	Training workshop will be conducted with partners from Burundi, Tanzania and Zambia. This training workshop will cover both theoretical topics on data digitizing, cleaning, editing and publishing, and a practical session (demonstrations and practical exercises.	No	A training workshop has to be completed after the two capacity enhancement workshops organized by BID.	Will be organized according to the project work plan.
Create a network for vegetable information management among data holders and researchers from different African organizations in sub-Saharan African countries	Document and share workshop with theoretical and practical knowledge	No	The network among dataholders from different countries and organizations in Sub-Saharan Africa will be built during the workshop.	Participants from different organizations will be linked and built network for future germplasm activities.
Integrate biodiversity information into a policy- and decision-making process by inviting policy and	Integrated training workshop with different stakeholders.	No	The integration with policy and decision makers will be done during capacity building workshop.	Participants will have opportunity to meet and discuss on biodiversity information and





decision makers to the workshop.				related topics with different stakeholders during workshop.
Identify various threats for conservation diversity of indigenous vegetable species.	Identification of various threats for indigenous vegetable species	No	The treats will be discussed, identified and reported during the capacity building workshop.	Treats for indigenous vegetable species will be identified and reported.



### 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” and expected date of publication (month and year). Add as many rows as needed.

Dataset title	Publishing institution	DOI or URL/Planned hosting institution	Date/expected date of publication	Explanatory notes
Germplasm collection of indigenous vegetables, Burundi	Agricultural Research Institute of Burundi (ISABU)	Will be discussed during workshop.	June-October 2018	The digitizing of database will start after the training workshop.
Germplasm collection of indigenous vegetables, from different countries from Eastern and Southern Africa region	Southern Plant Genetic Resources Center (SPGRC), Lusaka, Zambia	Will be discussed during workshop.	June-October 2018	The digitizing of database will start after the training workshop.
Germplasm collection of indigenous vegetables from Central and South Tanzania distributed	National Plant Genetic Resources Center, Arusha, Tanzania	TanBIF	June-October 2018	The digitizing of database will start after the training workshop.
Germplasm collection of vegetables and legumes from Eastern and Southern Africa	The Nelson Mandela African Institution of Science and Technology, Arusha, Tanzania	TanBIF	June-October 2018	The digitizing of database will start after the training workshop.
Germplasm collection of common vegetables from Tanzania	Horticultural Research and Training Institute, Tengeru, Tanzania	TanBIF	June-October 2018	The digitizing of database will start after the training workshop.

### 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.

Dataset	Data user	Data use	Date/time frame	Sources of verification	Notes
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Capacity building towards digitization of national vegetable databases to address regional and national priorities in food and nutritional security in Eastern Africa	World Vegetable Center, Eastern and Southern Africa.	Checklist of indigenous vegetables Occurrence datasets ( <i>Cleome gynandra</i> , <i>Amaranthus</i> sp, African nightshade) from Africa Data will be mobilized and use for different researches, geographic distribution of vegetables. Conservation and utilization of indigenous vegetables will be emphasized.	June-October 2018	Data digitization o indigenous vegetables from Burundi, Tanzania and Zambia.	
Capacity building towards digitization of national vegetable databases to address regional and national priorities in food and nutritional security in Eastern Africa	World Vegetable Center, Eastern and Southern Africa	Occurrence datasets ( <i>Vigna unguiculata</i> , <i>Dolichos lablab</i> , <i>Vigna radiata</i> ) from Africa. Data will be publicly available and will allow different research activities on vegetable genetic resources.	June-October 2018	Publications.	
Germplasm conservation and utilization	Tanzania country report TanBIF	Information on database will be available through Tanzanian node.	October-December 2018	Information from GBIF.org portal.	Communication and verification with Tanzanian node Secretariat.







### 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
Capacity building workshop	World Vegetable Center	Will be organized in May 2018	15	Communications and publications.





#### 4. Updated calendar for the BID project implementation and evaluation period

The calendar should be completed in the same way as in the Full Project Proposal, but should include any expected changes. Provide reasons for any expected changes in section 4.1 'Explanatory Notes'.

Implementation period start date and end date (01/04/2018 - 31/12/2018)																
Activity	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Notes
BID capacity enhancement workshop – data mobilization and publication (online training - participation is mandatory)	x															The Workshop was conducted in December 2017.
BID capacity enhancement workshop – data use (online training - participation is mandatory)				x												Second workshop is planned for April 2018.
Workshop on capacity building - digitizing of national vegetable databases					x											The Workshop will be conducted in May 2018.
Digitize germplasm information; produce datasets with high-quality metadata of vegetable collections from Burundi, Tanzania and Zambia; make these datasets available online in a database						x	x	x								Digitized information from Burundi, Tanzania and Zambia (June-August 2018).
Document biodiversity database management knowledge in training materials and handouts; share with research organization from sub-Saharan African countries							x	x								Documenting knowledge on biodiversity data management (July-August 2018).
Early progress narrative report	x															Early progress narrative report, 31 January 2018.
Final financial and narrative reporting										x						Final financial and narrative reports (October 2018).
One article submitted and published in peer-reviewed journal													x			One article submitted and published (December 2018).





Evaluation period start date and end date (01/01/2019-31/03/2019)				
Activity	1	2	3	Notes
Capacity building workshop	x			Evaluation process on capacity building workshop
Publishing data on GBIF.org portal from project partners			x	Evaluation on data mobilization and publishing on GBIF.org .portal from all partners

4.1. Explanatory notes:



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.*

BID project BID-AF2017-0310-SNA is a project with partners from three African countries. The partners are research organizations. Participants of partner organizations will be trained on mobilization of data and publishing these data on the GBIF.org portal. During the reporting period, we have communicated several times for registration of each partner organization on the GBIF.org portal. We discussed on data mobilization and data publishing through e-mails, phone and skype. We nominated Mr. Lourance Mapundo from NPGRC, Arusha, Tanzania to attend the second BID capacity building workshop in Cape Town, South Africa.

### 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, how far has your BID project been able to build upon/complement the previous project(s) ?*

Through this project we have been in contact with the Tanzanian GBIF node and other colleagues involved in BID-funded projects in Tanzania. We are in touch with Mr. Paulo Lyimo from Sokoine University of Agriculture. We are in touch with Prof. Pantaleo Munish, TanBIF Head of Delegation and discussing how to work closely. WorldVeg will build capacity of dataholders and publishing through TanBIF and hence GBIF. This will be the major connection between TanBIF and project dataholders.

#### *Visibility*

*Please refer to the [BID guidelines](#)*

### 5.3. Visibility of the BID project

*How is the visibility of your BID project being ensured?*

#### **Short summary**

Capacity building workshop will be conducted in May 2018 and the data holders will publish vegetable data on GBIF.org portal for to be publicly available. One article will be publish at the end of the project, December 2018. All this information will acknowledge GBIF and BID program.

#### **Sources of verification**

The information from capacity building workshop will be sent to BID team. The proof materials including training materials and pictures will be included in the next report.

### 5.4. Visibility of the EU contribution

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

All training materials including invitation letters and banner will be with logos of the donor, GBIF and WorldVeg. All publications will be with all logos and acknowledgements to the donor.

#### **Short summary**

The BID project is funded by EU and provides opportunity to the African researchers to learn about GBIF and make possible mobilization and publishing their data. This activity will make the information publicly available. Researchers will be equipped with knowledge and skills on mobilization and publishing data of their collections.



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



**Sources of verification**

Project partners will mobilize and publish data of their collections on GBIF.org portal.  
Scientific publication

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Signature \_\_\_\_\_  
Name of the contact person for the BID Project: \_\_\_\_\_  
Date report sent by email in Word format to [bid@gbif.org](mailto:bid@gbif.org) for pre-approval: \_\_\_\_\_  
Date report sent by post to GBIF Secretariat: \_\_\_\_\_

