Data Management Plan Template.Project Title:	GIZ International Agricultural Research - Attributed Funds 2016
Sub program (if relevant):	Genebank
Project Lead Center:	International Potato Center
Project Investigator:	David Ellis
Individual responsible for Data Management:	Oswaldo Chavez
Donor	GIZ International Agricultural Research - Attributed Funds 2016
Agreement Id or cost Center	1331-1000
BUS	1331-1000-10

I. SUMMARY:

Describe your approach to Open Access and Data Management and any arrangements already in place to assist implementing the CIP Open Data and Data Management Policy

This project has several objectives:

- Capacity building support for INIA – Cusco with construction of new greenhouse for wild potato regeneration
- Develop fingerprinting methodology for oca and ulluco
- Support infrastructure development – new labs for cryo and herbarium
- ISO

This project will comply with CGIAR and CIP Open Access policies and requirements.

II. DATA AND DATABASES:

1. Describe the nature and scope of the data that will be generated under the project.

The project will generate a Dataset for the fingerprinting for oca and ulluco.

2. Describe your anticipated way of data storage and archiving that will be generated under the project.

- Data storage will be using digital platform such as OneDrive and Dropbox or other suitable method as determined by the size of the dataset.

3. Set out your plan for regular metadata capture using CG core metadata and the standards you will use and the steps you will take to ensure data quality control.

- Metadata will be conducted and shared as soon as data cleaning is finished, and this will be shared at the end of December 2017

4. Set out any repositories you will use for making the data and metadata open (use CIP's Dataverse by default).

This will be conducted with the CIP Dataverse at http://data.cipotato.org/

5. Description of the data to be generated and anticipated timing for making the project data and metadata available?

Output or Outcome milestone	Description of data to be generated	File types	Primary investigator for datasets	Expected research outputs type [type of datasets]	Deadline for metadata creation and data public access
Objective 2: DArTseq-based fingerprinting methodology developed for oca and ulluco and a limited number of accessions genotyped	Replication dataset for the Open Access paper.	Dataset	David Ellis	December 30, 2017	December 30th, 2017

6. **Explain whether any of the project data will not be made publicly available and why (e.g., ownership or access to pre-existing data; license rights to project data; personal privacy concerns; competitive advantages; data sovereignty). Describe the anticipated benefits and uses that could be achieved by making the project data available in the manner you describe above:**

Not applicable for this project. All the datasets will be open.

III. VIDEO, AUDIO
Set out any repositories (finalized and in working progress) you will use for storing and sharing these information products.
Not applicable for this project.

IV. IMAGES
Set out any repositories (finalized and in working progress) you will use for storing and sharing these information products.
Not applicable for this project.

V. COMPUTER SOFTWARE:
Set out any repositories you will use for storing and sharing your software codes.

Not applicable

VI. RESOURCES AND BUDGETING:

1. **Describe the anticipated total costs involved with making data widely available *(if any)*:**
   Roughly 3,000 USD per manuscript; expect to have 1 manuscript, total about 3,000 USD

2. **What other additional resources or support will you require to ensure this Data Management Plan is delivered?**
   We will need some support with Dataverse.