



Social Climate Trees

Manual and Guide

1 Introduction

This manual describes work needed as well as exchange of communication, images and funds related to 'Social Climate Trees'; a collaboration between CIDI and TROFACO.

2 General

Purposes of our joint activity are a) provide positive action to combat climate change, b) Improve lives and livelihoods of communities, c) work with schools, churches and communities to increase environmental awareness

CIDI manages all plantings, relation to communities, schools and authorities (e.g. district departments), and support TROFACOs documentation from the planting sites.

TROFACO attracts and receives funding, leads the documentation and verification of tree growth and (if desired by sponsors/clients) social effects of the plantings. An agreement between CIDI and TROFACO regulate the sharing of payments from clients/sponsors.

Below is described how the collaboration deals with

- a) New plantings
- b) Existing plantings



3 New plantings

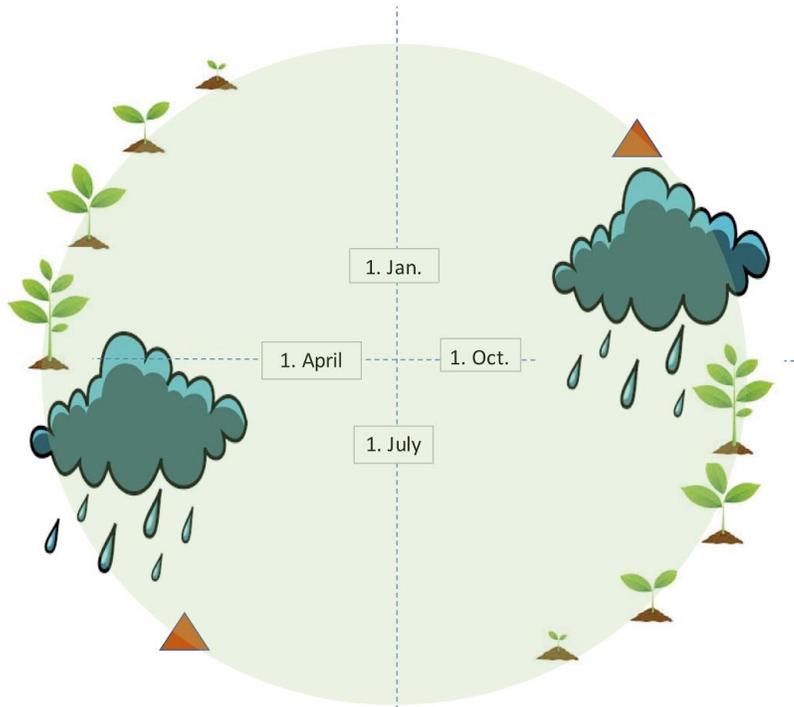
1. Based on received orders TROFACO issues a **request** to CIDI for

- Number of trees to be planted
- Location of the trees

to be planted.

This request will come in no later than April of the planting year or October of the preceding year. Timing is in order to allow the local communities to plan which trees they want, and give time for production of seedlings in local tree nurseries, used by the enterprise) for planting in the following rainy season. (In East and North Uganda any planting in Spring is possible). The figure below illustrates the process. The triangles

indicate the optimal time to start seedling production. Receiving orders at these points in time provides time for producers to a) collect info from community which species of trees are desired in which quantities, b) collect or otherwise obtain the relevant seeds in sufficient numbers and c) produce the desired seedlings, ready for planting when the rain comes.



The request will contain both plantings already paid for to TROFACO, and plantings for TROFACO's reserve of standing trees. The latter covers for expected sales before next request as well as a permanent 'insurance stock', kept by TROFACO.

Some clients of TROFACO will request a number of trees or an area, planted in larger coherent plantings (planting area), possibly to be expanded over several years. TROFACO will provide specifics for each, and CIDI acknowledge that the request can be met.

3.1 CIDI identifies sites, suitable for meeting the request.

CIDI then sends a suggestion of how many trees and which species to be planted in each site. TROFACO confirms the sites or may suggest changes for some, if e.g. the site has many trees already or the species list contains alien or invasive species)¹

CIDI requests and receives, from local producers, management plans from each site. CIDI approve the plans or request improvements, and share the approved plans with TROFACO.

3.2 TROFACO takes images of 'before planting'

TROFACO uploads images in the designated folders on Google drive. TROFACO approves of the images..

3.3 TROFACO TROFACO transfer first rate of CIDI share of payment from clients/sponsors for the planting(s)



3.4 CIDI Purchase seedlings, organise planting and TROFACO take 'after planting' images

The seedlings may have been preordered in the enterprise's own nurseries or at local, commercial nurseries.

How to plant?

Tree survival and growth increases if you can apply compost and dig large planting holes². So please produce compost!

Patterns and spacing: Foresters often like to plant in grids, one species. For our purposes we prefer more than one species (so communities can use the plantings for several purposes) and there is no need to follow strict grids. Rather try and 'follow the landscape' and plant trees where chances of survival are best. The community decides, but advice may be provided by CIDI. For spacing: Larger spacing is preferred.

For timber trees, if planted in traditional patterns and spacing, thinning of the stand may be needed as they grow. Make sure trees cut away in thinning are used by the local community, as one benefit.

Fruit trees, if planted in schools or as a plantation, should be planted with large spacing (e.g. 5*5 m or more, e.g. for mango) and will then not need thinning.

¹ In general, only tree species listed in 'Useful Trees and Shrubs for Uganda' can be accepted by TROFACO's clients. Electronic copies of this book have been provided to CIDI offices and may be obtained from TROFACO.

² TROFACO has provided a Tree Planting Manual and a Nursery Manual (produced in Cambodia) to CIDI offices. (As .pdf file). If you need it again, please let TROFACO know. It is found in our google drive, with other useful manuals about trees

Communities are allowed to and encouraged to grow crops between the trees, as long as light is sufficient. Low crops (e.g beans, sweet potatoes, groundnuts and others) may be used.

TROFACO welcomes local decisions on planting. TROFACO clients have no say in these matters.

3.5 TROFACO take ' after planting' images

TROFACO uploads images in the designated folders on Google drive.

3.6 TROFACO transfer remaining CIDI share of payment from clients/sponsors for the planting(s)

For some sponsors there may be need for one more set of images (e.g. after one year), to release the very last batch of payment. This will be included in the specific agreement between sponsor and TROFACO, and hence also in TROFACO/CIDI-DI production agreement.



4 Existing plantings

4.1 List of images to be taken

Different clients will have different requirements for how often they want (and have paid for) verification images. TROFACO will produce these images

Based on the planned timing of images, TROFACO will produce an annual plan, like this:

Name of site, (in the prescribed format,	# of pictures to be taken and possible comments	Name of CIDI office

TROFACO makes sure these images are taken, in coordination with the relevant office. CIDI (and TROFACO) are however, most welcome to take more pictures at any time and upload to the drive. Please inform TROFACO (by email) before uploading.

4.2 CIDI surveys existing plantings

If more than 10% of trees have died CIDI request planting -site owner to replant and inform TROFACO about this. When trees are planted closely together, In a plantation mode, thinning will be needed. This is not considered 'death' but rather part of sound management

CIDI decides on follow-up to check survival and replanting according to agreement with TROFACO for each sponsored planting

4.3 Some clients request detailed reporting

Some of our clients require measurement of carbon in the trees, detailed survival data, as well as interviews on social effects, all presented in an extensive report. For these TROFACO will undertake field visits, jointly with CIDI. This will be planned well in advance.



4.4 CO2 payments

TROFACO will, during 2020, initiate the establishment of an independent 'CO2 fund'. This will, upon request from CIDI, as acknowledged by TROFACO decide upon and provide payments to planting site communities and landowners, gradually as tree survival and growth is ascertained. The fund will, independently, set up procedures for this.

Any questions to this manual may be directed to TROFACO (info@trofaco.org),

copy to CIDI (cidi@cidiuganda.org)



THANK YOU