

**Greenhouse Gas Emission Reduction Fund (GGRF)  
Quantification Methodology Frequently Asked Questions for the  
FY 2016-17 Urban and Community Forestry Program (UCF)**

**December 20, 2016**

**1. *Can applicants quantify carbon sequestration benefits for shrubs and other vegetation besides trees?***

Only the carbon sequestered in trees planted by the project is included in carbon sequestration benefits of an urban and community forestry project. Projects may include the planting of additional vegetation but any associated carbon sequestration is not included in the estimate of the project's greenhouse gas (GHG) benefit.

**2. *The quantification methodology states that applicants using the CTCC should input tree age but the CTCC workbook asks for diameter at breast height (DBH), how can an applicant enter age as an input?***

Applicants that choose to use the CTCC will enter the expected tree age 40 years into the project. To do so, applicants need to enter a 0 in row 9 of the CTCC workbook (labeled as "Flag 1") so that the CTCC accepts age (in years) as the input in row 21.

**3. *The quantification methodology provides methods for estimating the benefits of producing electricity through gasification but there does not appear to be a place to enter the quantity of biomass utilized for gasification in the UCF GHG Calculator. Does the Calculator estimate GHG benefits from gasification?***

The UCF GHG Calculator does have the capability to estimate the GHG benefits of electricity production via gasification. In the "Electricity" tab of the UCF GHG Calculator, the third column heading is mislabeled as applying to electricity generation via combustion when it should refer to gasification. Applicants proposing a project that involves gasification can follow the quantification methodology (see pages 12, 19, and 20) and enter the appropriate information into the first, third and fourth columns (columns A, C, and D) to estimate benefits from electricity generation through gasification.