

**Senate Standing Committee on Environment and Communications  
Legislation Committee**

Answers to questions on notice  
**Environment and Energy portfolio**

**Question No:** 66  
**Hearing:** Budget Estimates  
**Outcome:** Outcome 1  
**Program:** Biodiversity Conservation Division (BCD)  
**Topic:** 20 Million Trees program  
**Hansard Page:**  
**Question Date:** 07 June 2017  
**Question Type:** Written

**Senator Rice asked:**

How is data collected and reported on the carbon reduction outcomes of plantings? And how does this measurement directly contribute to Australia reducing its greenhouse gas emissions?

**Answer:**

The Department of Environment and Energy's greenhouse gas inventory area uses satellite imagery to remotely detect new forest as it emerges across Australia, including on 20 Million Tree project sites. The remote sensing information is an input to the Full Carbon Accounting Model which estimates the annual carbon removals associated with this growth.

The amount of carbon sequestered through the 20 Million Trees Program is dependent on several factors including planting location, density, species composition and layout.