

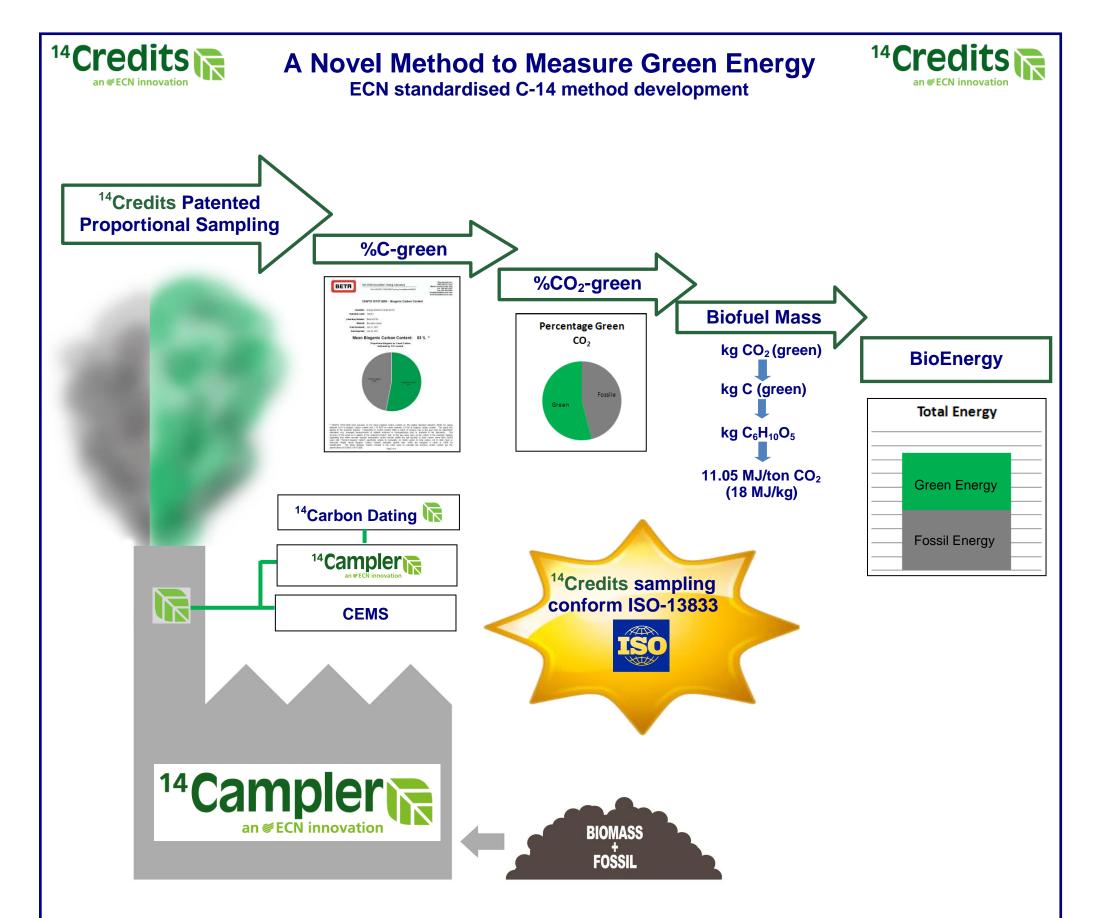
14Credits: A novel method to measure your Green Energy





GAS2013





ECN has developed ¹⁴Credits, a novel method to determine the biogenic share of CO₂ and energy produced based on sampling of flue gases in industrial (power) plants.

The basis of ¹⁴Credits is proportional sampling of flue gases (as patented by ECN), using the purpose designed ¹⁴Campler. This sampling method is conform ISO 13833:2013 published in March 2013. The C-14 analysis is applied conform ISO 17025, resulting in the percentage biogenic carbon. By combining this analysis result with plant parameters (CEMS), the share of green energy produced in the plant is determined.

plants all across Europe. ¹⁴Credits often proves that energy production is greener than when determined by feedstock sampling or government standards. ECN has built up a strong international position over the last 60 years in the fields of solar, wind, bioenergy, energy efficiency, air, soil & water quality and policy studies. Our mission is to work with and for the market to enable a transition to a sustainable energy system. Our dedicated Environment and Energy Engineering team deliver expertise on topics such as feedstock pretreatment, gas sampling and analysis to a wide variety of customers.







