

VALUING THE ADDITIONAL BENEFITS FROM CARBON OFFSETTING

An Imperial College London study investigates the value delivered in economic, social and environmental benefits by three specific carbon offset project types: efficient cookstoves, REDD+ forestry, and biogas. The study follows an earlier research project* which found that for every 1 tonne of CO₂ offset, a further US\$664 value is delivered in additional benefits.

AN EXAMPLE COOKSTOVE PROJECT

In addition to emission reductions, cookstove projects deliver additional added value equal to:



FOR EVERY 1 TONNE OF CARBON EMISSION REDUCTION, TOTAL ADDED VALUE = \$724

AN EXAMPLE REDD+ PROJECT

REDD+ projects deliver significant carbon savings, working closely with forest communities to enable sustainable livelihoods while conserving the trees



EACH YEAR, CARBON EMISSIONS ARE REDUCED BY 6,550,464 TONNES, WHILST DELIVERING \$8,502,324 OF TOTAL ADDED VALUE

AN EXAMPLE BIOGAS PROJECT

Delivering sustainable energy and reducing indoor air pollution through biodigesters to replace fuel wood:



FOR EVERY 1 TONNE OF CARBON EMISSION REDUCTION, TOTAL ADDED VALUE = \$304

Offset projects enable corporates to deliver positive impact on a range of outcomes, in addition to emission reductions, which align with their broader business interests and objectives.

Unlock this hidden value by offsetting your carbon footprint through an accredited ICROA member.

Contact an ICROA member at www.icroa.org

*Figures from ICROA survey Kountouris, Y., Makuch, Z., Tan Loh, E.F. (2014) 'Quantification and Evaluation of the Voluntary Carbon Market's Co-benefits', Imperial College London University June 2014.

†Data from Kountouris, Y. and Tan Loh, E.F. (2016) 'Valuation of voluntary offset projects' co-benefits using the benefit transfer method', Imperial College London May 2016.