



Global Carbon Data Cloud

Track Emissions Savings

Vision Statement



ASSESS PROJECT
TCO2E SAVINGS
POTENTIAL



LINK CARBON OFFSET
CERTIFICATION



CONNECT ELIGIBLE
PROJECTS TO
CARBON MARKETS



SPEED UP NEW
METHODOLOGY
DEVELOPMENT



ESTABLISH
COMMUNITY PROJECT
ONLINE MARKET



OFFER COGNITIVE
SEARCH TO CLIMATE
KNOWLEDGE BASE

Develop tCO₂e Savings Projects



Commercial emissions reduction projects



Community emissions reduction projects



Facilitate sales of carbon offsets



Develop community projects funding



Use current methodologies



Facilitate new methodologies

Situation Analysis



Carbon trading only 6.3 billion tCO₂e
2017



Mostly REDD+ wind and methane
from land fill



Declining volume, uncertain quality



New methods average 2.5 years



Buyers market



Different standards and
requirements

How Did We Get Here?



Countries managing their own standards



Lack of transparency and accuracy



Manual processes requiring lengthy timeframes



Information not shared publicly



Methodologies take so long that only projects with approved methodologies being raised

Emissions Reduction Options



Large scale geo-engineering or carbon pricing?



Careful small scale geo/bio engineering valid



Large scale environmental impacts not assessible



Huge initial investments, high risk



Carbon pricing constrained by national interest and lack of accuracy



Carbon market entry low cost



Engage governments, corporations, communities

Findings and Recommendations



Make carbon offsets global, attractive and popular



Use low cost cloud technology to provide emissions monitoring/climate change data



Provide corporate renewable energy project development, certification and carbon market links



Provide community project emissions reduction potential assessments



Offer community tCO₂e carbon credits online market to government/corporate subscribers

Next Steps

Establish

Establish project development capability



Develop

Develop cloud project applications, workflows, payment gateways



Establish

Establish relationships with project assessment, carbon offsets certification, carbon trading and financial service providers



Develop

Develop searchable cognitive knowledge base



Conduct

Conduct marketing campaigns to subscribe customers

Resources



[Carbon Fund](#)



[The Gold Standard](#)



[Carbon Resources Exchange](#)



[Carbon Trade Exchange](#)



[Climate Home](#)



Contact: nya.murray@trac-car.com