



Global Carbon Data Cloud Strategy

<https://www.trac-car.com>

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 covers only 40% tCO₂e
\$851 billion USD 2021



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

Where Do We Go From Here?



International emissions accounting standards



Prescribe carbon accounting practices



Automate emissions accounting to shorten timeframes



Publish detailed countries' emissions data



Engage SME agencies to develop new methodologies and automate approvals

Emissions Reduction Options



Large scale geo-engineering has great climate risk. Carbon pricing required



Careful small scale geo/bio engineering valid



Large scale environmental impacts not understood



Huge initial investments, high risk



Carbon pricing constrained by national interest and lack of accuracy



Ensure carbon market entry low cost



Community and business engagement

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

