

Nitrogen from Air



Nitrogen Technology

Enhancing Project Viability with Carbon Services

Nitrogen Fertilizer

Disclaimer

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Commercial in Confidence

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Who am I, Who is FarmN?

Carl Richardson

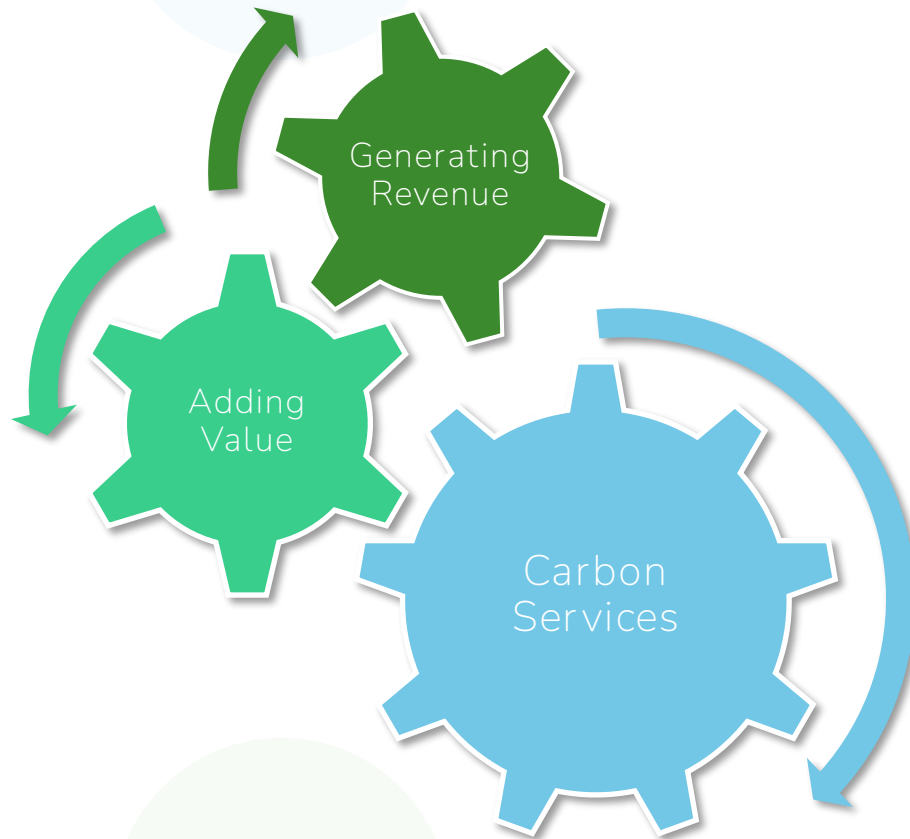
- **Managing Director – FarmN Pty Ltd**

FarmN Pty Ltd

- **Carbon Service Providers for Nitrogen Projects**
- **Developing the worlds first technology neutral methodology for N-Fertilizer production with Gold Standard™**



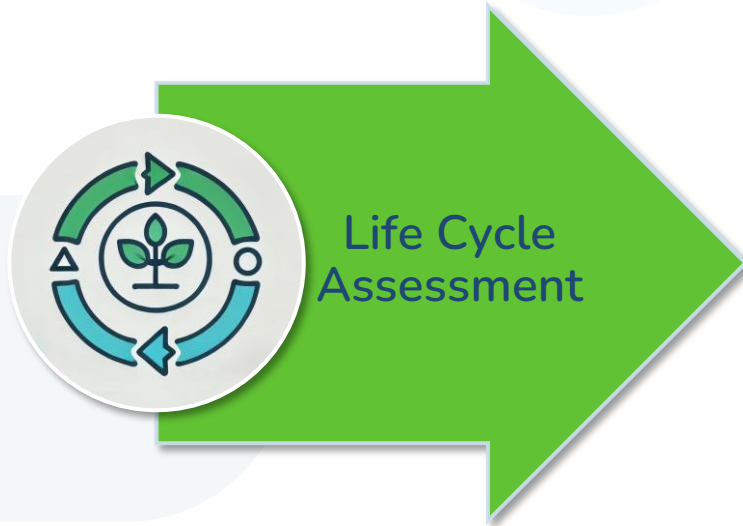
How can Carbon Services drive project viability?



- ✓ Life Cycle Assessments (LCA's)
- ✓ Commodity (EF) Certificates (Guarantee of Origin Certificates)
- ✓ Carbon Credits (Emission Reduction Credits)

...accelerating investment

What Carbon Services am I talking about?



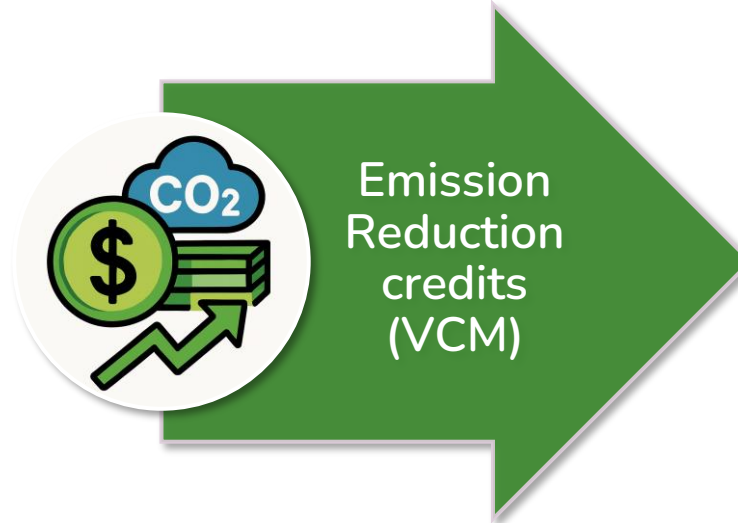
Adding Value - Corporate

- Measures the carbon footprint of your product
- Essential for verifying claims in Carbon Markets
- Supports transparency and comparability



Adding Value - Product

- Provides a validated and verified statement of the amount of CO₂ embedded in your product



Generating Revenue

- Represent the avoidance or removal of CO₂ and can be traded/sold to offset the carbon emissions of another product/company



LCA's Driving Emission Reductions, Adding Value



- *Leader in the industry*
- *Enhances reputation and Brand Value*
- *Informs Decision making*

- *Improved funding & subsidy access*
- *Boosts credibility*
- *Builds public and industry recognition*

- *Transparent, auditable environmental assessment*

Commodity Certificates, Adding Value



- *ISO and GHG Protocol Compliant*
- *Downstream customers can integrate into their Scope 3 emission accounting with confidence*

- *Higher Value*
- *Growing Market Demand*
- *ESG Leadership - SBTi Compliant*

- *Aligns with border adjustment mechanisms like CBAM*

Carbon Credits, Generating Revenue



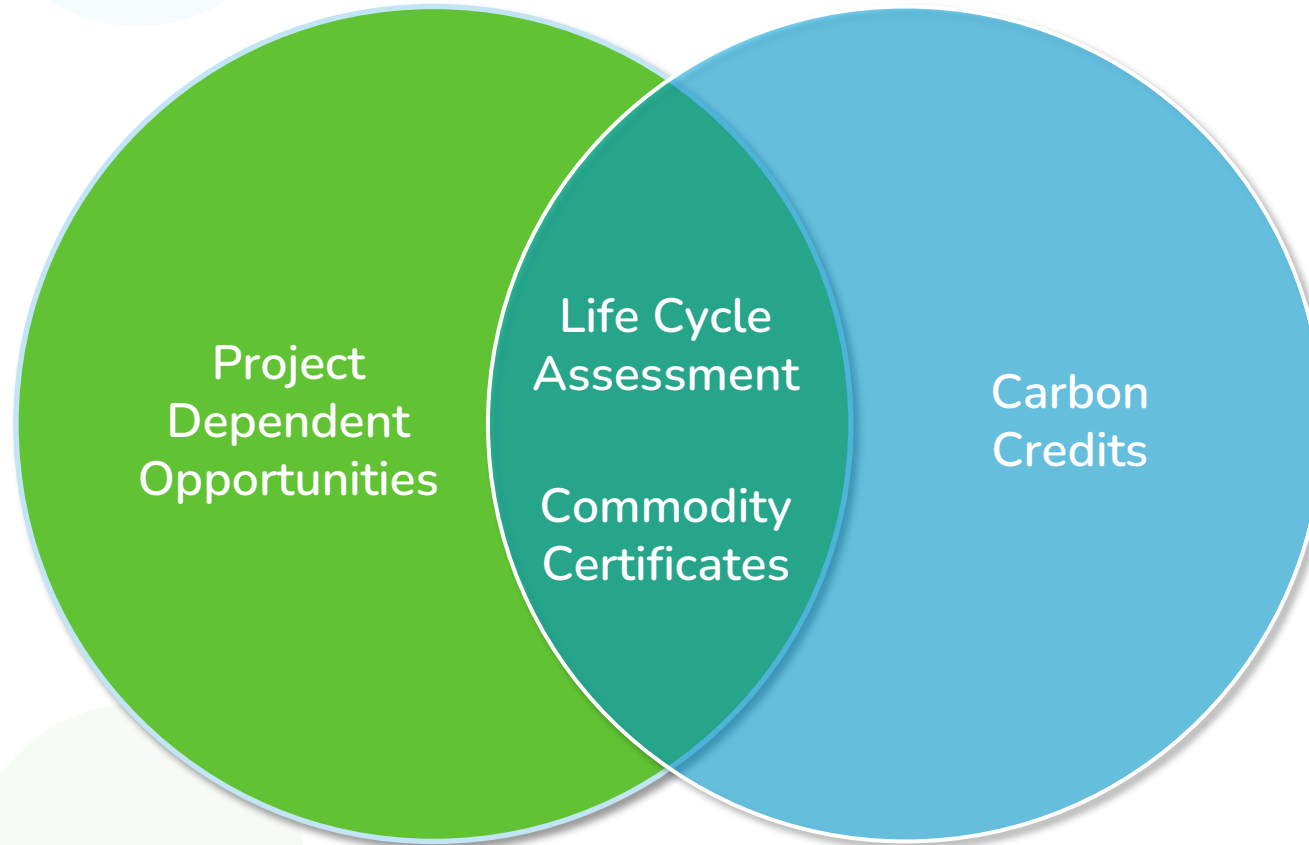
- A 100,000 t.p.a ammonia plant displacing urea could generate \$232,000,000 in carbon credit revenue*
- Sale of carbon credits will enhance the profitability of the plant improving viability
- Opportunity to convert emission reductions into carbon credits or commodity certificates or a combination of both in a VCM environment

* 2 tonnes CO₂e abated per tonne of Ammonia | \$77.40 AUD per tonne CO₂e

Where do the services fit today?

Compliance Market

Voluntary Market



Emerging Regulations to consider

01

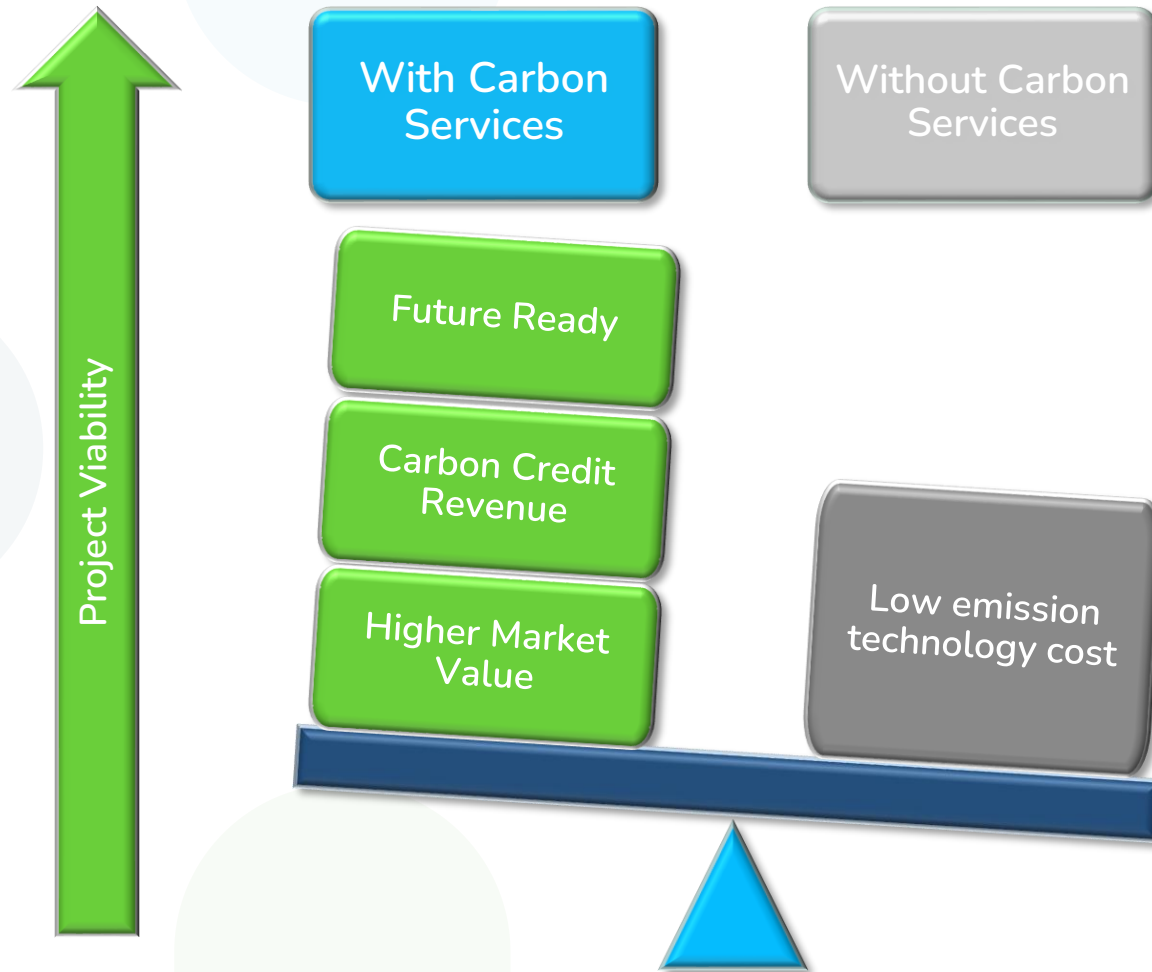
Border Adjustment Mechanisms: Carbon price on imports, boosting demand for low emission fertilizers.

02

Article 6.4 (and 6.2): Enables international carbon trading under the Paris Agreement.



Summary - How Carbon Services can improve Project Viability



How to prepare and take advantage



FEASIBILITY STUDY



LIFE CYCLE
ASSESSMENT



BEGIN CARBON
PROJECT



MONITOR
REGULATIONS LIKE
CBAM AND ARTICLE
6.2/6.4.

Thank you

Questions?
Collaboration Opportunities?

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