

# Carbon Certification for Landscape Resilience

ADVANCING SUSTAINABLE AGRIBUSINESS



# 1. Impasse with Vegetation Management

- EPBC, VMA, NCA, Local Planning Schemes
- Vegetation Management Campaign
  1. *Political campaigning*
  2. *Applied Science*
  3. *Legal Standing*
  4. *Resetting policy*
  5. *Best Management Practices, Innovation and Engagement.*
    - *Natural Capital Approach*

## 2. Natural Capital Approach

- Payment for Ecosystem Services
- Reduced risk with rural financing

# 3. Carbon Certification for Landscape Resilience - CCLR

- Developed by LMC members – Peter Mahony, Benn Knott, James Henderson and Greg Leach
- Lot of interest in the emissions reduction space – ERF, CSF, LRF
- Existing carbon methodologies with Clean Energy Regulator
- LMC applied to LRF 2 years ago
- Had time to think about what we need

# CCLR Metrics

1. Sustainable Carbon Property Plan – Integrating production, NRM, economic, social on 15-year scale .
2. Remnant Vegetation – Bio-condition scoring of Regional Ecosystems against known benchmarks.
3. Non-Remnant Vegetation on modified landscapes – Metrics of vegetation on non-remnant farmland.
4. Soil Condition – Measure maintenance and improvement of soil carbon sequestration and soil health.
5. Biodiversity – Measurement of biodiversity on property including actions to improve management of wildlife corridors, nature refuges and management pests, weeds and maintenance of biosecurity.
6. Runoff and Water Quality – Measurement of sediment load and suspended loads coming off property.
7. Stock – Herd management and benchmarking against regional averages that reduce emissions.
8. High Value Agriculture – Measurement of carbon sequestration in developed farming operations.
9. Energy Savings – Actions to manage energy use and reduce emissions; remote monitoring, solar power, diesel reduction, efficient machinery.
10. Social Education and Research – Recognition of landowner participation in capacity building activities and peer interactions. This also includes consideration of social wellbeing and mental health benefits that are generated from community access to healthy landscapes.

# 4. Key Drivers

1. NFF Natural Capital Policy
2. Land Restoration Fund – Workshops \$100M (\$10k advice rebate)
3. NFF \$34M - Australian Farm Biodiversity Certification Scheme Trial
4. CSIRO Research
5. AfN – Adrian Ward, Richard Thackway, Peter Cosier
6. EPBV Review, Clean Energy Regulator, CRISPI
7. Cattle Board support
8. GreenCollar
9. Etc. etc.

# 6. Gaps

1. Market buy-in
2. Scientific endorsement
3. Endorsement by LRF
4. Moves to a National CCLR – legal frameworks



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