

CASE STUDY



MONETISING ON-FARM NATURAL CAPITAL

Impact Ag Partners were engaged to assess opportunities to monetise on-farm natural capital and explore multiple options in regulated and private markets.

Sequestering carbon into our soils has great potential at scale to reduce atmospheric CO₂ and effectively address the global climate crisis. A driver for Impact Ag Partners client was to be part of this solution. With operations across the New England/North West of New South Wales, they have integrated principles of regenerative agriculture to maintain productivity balanced with enhanced ecological health. This carbon project was the next step in building their capacity to deliver an alternative income stream while future-proofing their assets.



Land under management 5,889Ha



Location New England/North West, New South Wales Australia



Natural grass-fed beef cattle enterprise



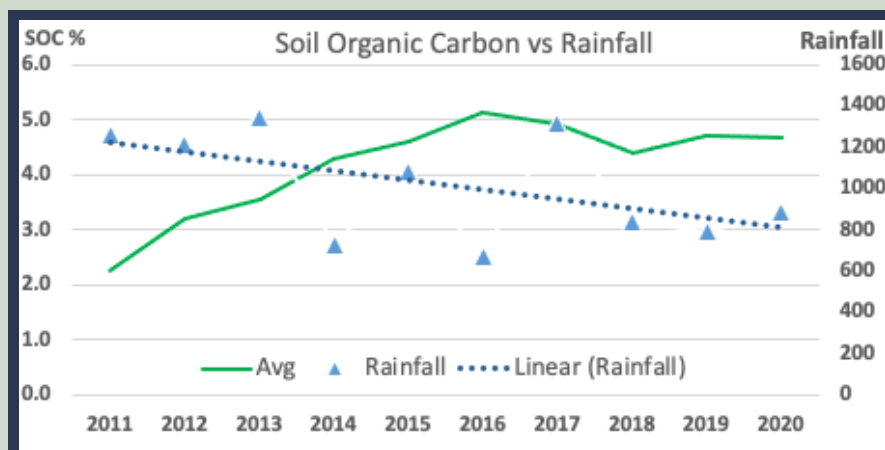
Carrying capacity >8000LSU



The Outcome

Continued sequestration of soil carbon in a changing climate. The investment builds the on-farm natural capital assets and drives the means to effectively create pathways for addressing current global challenges.

Having been successful in meeting these challenges through management that supports significant emission drawdown while future-proofing the asset and delivering long-term investment returns.



CASE STUDY



A JOURNEY TO LANDSCAPE RESTORATION

To regenerate a dysfunctional and degraded landscape after a failed timber plantation that resulted in great losses in natural assets through many years of mismanagement.

Impact Ag Partners' strategy was to implement regenerative agricultural practices and principles, coupled with a visionary management team to turn the property into an ecologically functioning and climate-positive profitable beef enterprise. In addition, to ensure Management have resources, training, and technology they need to make informed decisions backed by data.



Land under management 3916Ha



Location South West Queensland, Australia



Natural pasture/fodder fed cattle breeding & trading enterprise



Carrying capacity >1000LSU

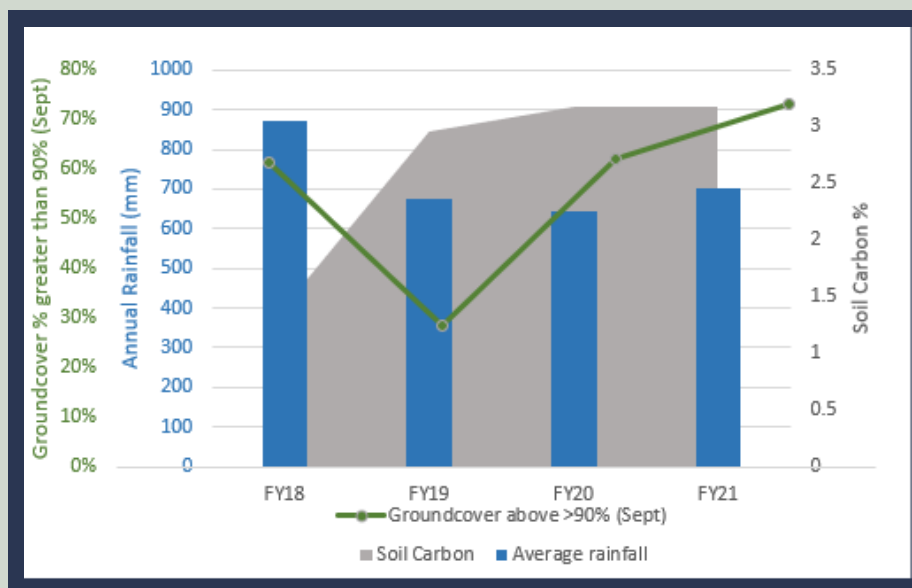


Average annual rainfall 750mm



The Outcome

Regenerated landscape and increased soil carbon while decreasing input costs and increasing productivity.



CASE STUDY

A NEW APPROACH TO GRAZING MANAGEMENT

Successive years of droughts and depressed commodity prices, coupled with looming social licence pressures, compelled this farming management team to take action and reinvent the way it does business.

Impact Ag Partners client recognised the need to transform and build future resilience into its business model, embarking on a change management journey in 2016.

The evolution of the business from traditional grazing practices to a modern, productive, and profitable land manager, demonstrates how investing in change through data-driven decisions and enlightened stewardship, generates value across financial, environmental, and social indicators.

Investing in a grazing management software tool that supports the decision-making process and enables the on-ground team to make confident decisions in variable climatic conditions.



Land under management 9,990Ha



Location Southern Tablelands, New South Wales, Australia



Sheep breeding & trading enterprise and cattle trading enterprise



Average annual rainfall 730mm



The Outcome

Being an early adopter of the "MaiaGrazing" technology and with their regular data inputs, soon demonstrated the tool's value in the day-to-day decision-making. The mindset of the business and those working in it has shifted from a focus on livestock to a focus on landscape management with the use of graze planning and feed budgeting tool such as MaiaGrazing.

The alignment between stocking rate to carrying capacity has been tracked using MaiaGrazing (see below diagram). Originally a benchmark of 400DDH/100mm was targeted, however, this was dropped back to 300DDH/100mm as landscape capability was determined. Aligning DDH/100mm to the 300DDH/100mm benchmark is the target of achieving a match between stocking rate and carrying capacity.

Of particular value has been the ability to schedule stock movements based on data across remote areas of the property, reducing labour to monitor pasture growth as well as grazing pressure.

