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“Paddock Power”: user-friendly tools for planning new pastoral infrastructure

Many paddocks in the Australian rangelands are too big and under-watered to achieve optimum livestock productivity

- There’s over- and under-utilised feed (depending on distance from water)
- Walking long distances out to feed erodes live weight gain and body condition → flow-on effects for calf & lamb survival and re-conception rates
- Greater risk of incomplete musters, and limited options for controlled mating or herd/flock segregation



But water and fencing developments are **EXPENSIVE!**

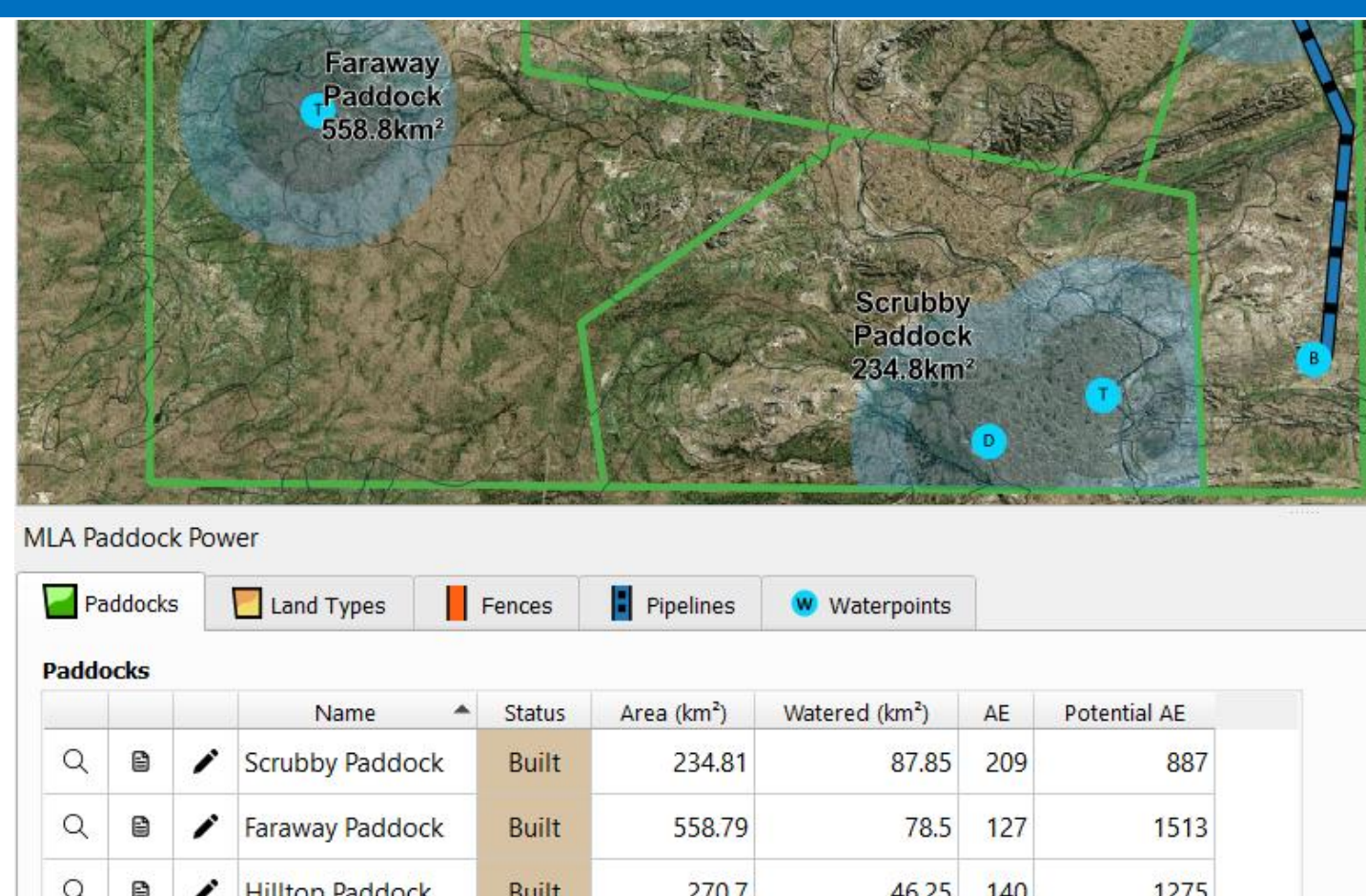
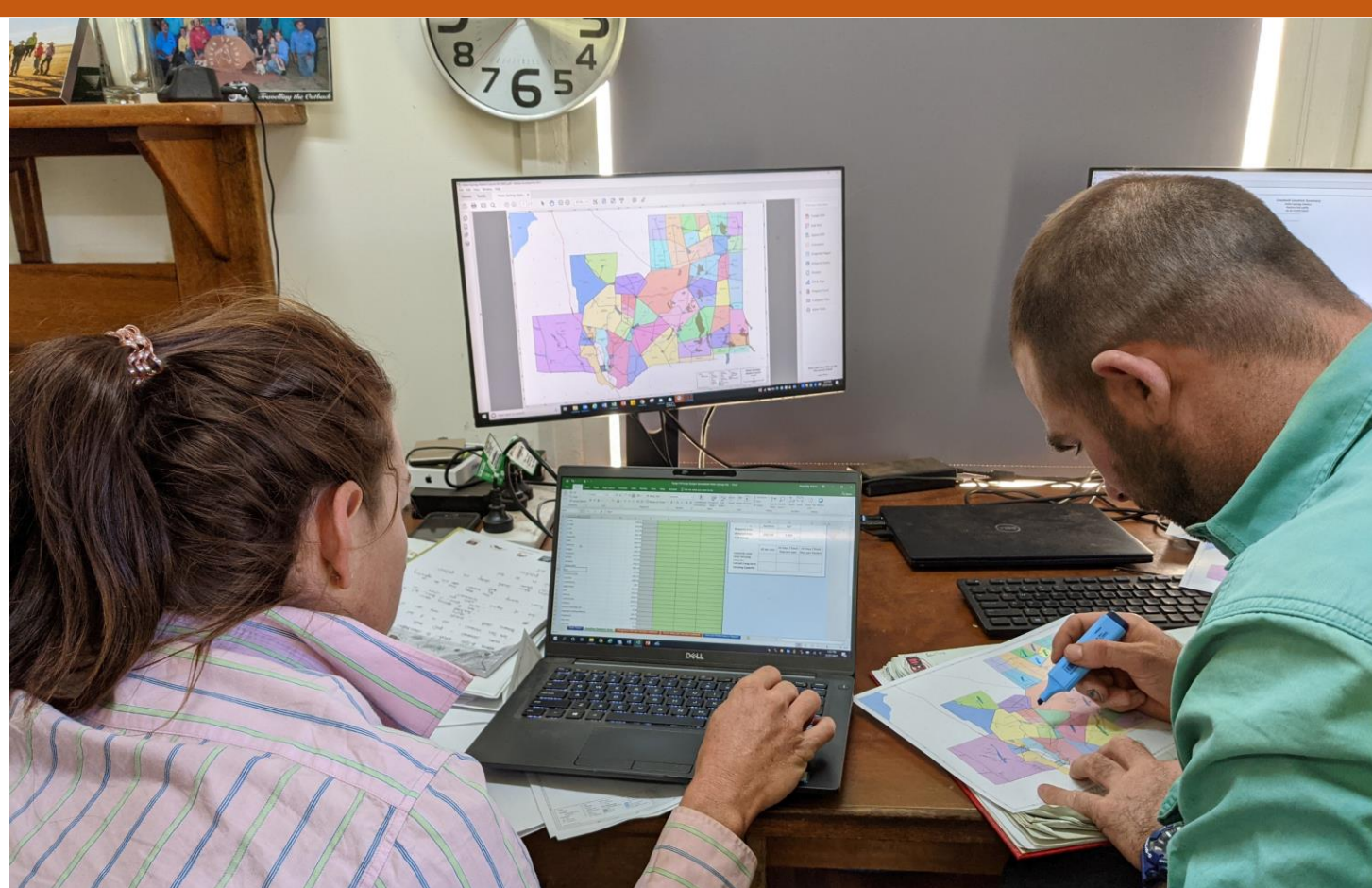
Producers told us that they need a way to better articulate the costs and benefits of proposed infrastructure investments to owners and financiers

So....we built two free digital tools to help producers assess the impact of their infrastructure development options on pastures, livestock and business performance

Identify options to develop a paddock

Plan them using the Mapping Tool

Assess their financial merits using the Investment Calculator



Results Summary		Results	Suggested Benchmark	Is NPV greater than \$0?	
Net Present Value		-\$16,006	>	No - not a govt	
Years to Break Even		Not achieved in 10 yrs	<		
Benefit Cost Ratio		0.86	>		
Internal Rate of Return		-2%	>15%		

Net Present Value	Proposed Change in AE				
	Proposed-20%	Proposed-10%	Proposed	Proposed+10%	Proposed+20%
57	-\$60,312	-\$58,016	-\$55,099	-\$53,381	-\$51,001
64	-\$42,416	-\$39,134	-\$35,852	-\$32,571	-\$29,289
71	-\$24,500	-\$20,259	-\$16,006	-\$11,759	-\$7,512
78	-\$8,684	-\$1,373	\$3,841	\$9,094	\$14,268
85	\$11,332	\$17,510	\$23,688	\$29,866	\$36,044

The tools are supported by a one-day Training Workshop and User Manual

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Want to know more about the Paddock Power project and see a webinar of the tools in action?

Scan this QR code to visit our FutureBeef webpage

