

Fingal Irrigation Scheme: Preferred Design Option

Name:	Fingal Irrigation Scheme (FIN)
Cost:	\$49.37 million
Potentially Irrigable Area:	28,571 hectares
Extent of Area:	<p>The irrigation area encompasses the area along the South Esk River from Fingal to Powranna.</p> <p>Interest shown in St Marys, Royal George and the East Coast in addition to along the South Esk River with a total of 33 Expressions of Interests (EoIs) representing 10,550 ML of demand. 16 of these EoIs are within the South Esk River region and represent around 6,000 ML of demand.</p>
Climate:	Predominantly mild climate with the region having unreliable rainfall, particularly throughout the summer months.
Annual Volume Delivered:	12,600 megalitres (ML) over a 150-day summer irrigation period (nominally period commences on 1 November, depending on season).
Water Source:	South Esk River
Water Reliability:	Minimum 95 per cent average per annum
Major Infrastructure:	One pump station, dual supply lines and one dam
Nature of Development:	Construction via public/private partnership
Capital Source:	Public: \$31.86 million Private: \$17.51 million
Water Costs:	Capital cost to irrigators \$1,390 per ML of water entitlement
Operational Costs:	Operation of scheme fully funded by irrigators, operating costs estimated at \$107 per ML (2019-20 dollars) based on all water entitlements sold.
Water Use:	Livestock finishing, dairy conversion, potatoes, poppies and cereals
Next Steps:	<p>Feedback on preferred design option – Closes Monday 19 October 2020</p> <p>Water Sales – Commence Late November 2020 once transmission losses are more clearly defined</p> <p>Develop Business Case – March/April</p>