

Summary of Constructed and Partially Constructed Reef Projects

Multifunctional and surf reef projects	Date	COUNTRY	VOL [m3] approx	TYPE	Materials	TOTAL COST [US\$]	US\$/m3	Construction method
Completed Projects								
Bargara	1997	Australia	300	Rock	basalt boulders	\$7,600	\$25	Re-profiling existing rocks on headland with excavator at low tide
Cables	1998- 99	Australia	5,000	Rock	Limestone rock	\$1,064,000	\$213	rock placed from barge
Narrowneck	1999-2000	Australia	70,000	SFGC	terrafix non-woven SFGC	\$2,128,000	\$30	150 - 450t mega sand filled containers filled and placed by hopper dredge
Pratte's	2000-01	USA	1,350	SFGC	nicolon woven SFGC	\$300,000	\$222	14t sand filled containers filled on shore and placed by crane on barge
Partially Constructed								
<i>Mount Maunganui</i>	<i>2005 -??</i>	<i>NZ</i>	6,000	<i>SFGC</i>	<i>terrafix / elco non-woven SFGC</i>	<i>\$1,105,455 To date</i>	\$184 To date	<i>mega sand filled containers filled in situ [20% construction outstanding- ref project newsletter]</i>
<i>Opunake</i>	<i>2006 -??</i>	<i>NZ</i>	??	<i>SFGC</i>	<i>terrafix / elco non-woven SFGC</i>	<i>\$770,000 To date</i>	??	<i>mega sand filled containers filled in situ [construction stalled?]</i>