

21. Funding granted to non-government community organisations (cont'd)

Organisation	Project	Funding Source	Amount (\$)
Sussex Inlet District Chamber of Commerce & Tourism	Replacement of Welcome Signs	Small Chamber of Commerce Fund	2 625
Thredbo Chamber Of Commerce	Thredbo Voucher Booklet	Small Chamber of Commerce Fund	1 250
Tilba District Chamber of commerce	Information Plaques on Historical Buildings	Small Chamber of Commerce Fund	2 250
Upper Lachlan Economic Advancement & Development Group	Advertising/Marketing Campaign for Crookwell	Small Chamber of Commerce Fund	3 750
Urunga Mylestom Chamber of Commerce	VisitUrunga - Walking/Cycleway guide leaflets	Small Chamber of Commerce Fund	3 705
Wakool and District Services Memorial Club	Town Entrance Signs	Small Chamber of Commerce Fund	3 750
Wee Waa & District Chamber of Commerce	Wee Waa Business Community Marketing Plan	Small Chamber of Commerce Fund	1 250
Wingham Chamber of Commerce	Wingham Community Retail Workshops	Small Chamber of Commerce Fund	4 200
Wollombi Valley Chamber Of Commerce	Wollombi Valley Market Research	Small Chamber of Commerce Fund	3 750
Woodenbong Progress Association	SCCF - Round 2 - Sep 2009 - A3 Business Directory	Small Chamber of Commerce Fund	3 746
Woolgoolga Chamber of Commerce Industry and Tourism Inc	Whale-Watch Headland Woolgoolga Signage	Small Chamber of Commerce Fund	5 000
APICS NSW (Australasian Production and Inventory Control Society Limited)	SUP Adv-Women in Manufacturing SUP 2009	Stepping Up	13 500
Hills Hawkesbury and Riverlands Tourism Inc	SUP-Tourism Innovation & Bus Development-Hills District Area	Stepping Up	9 000
Hunter Business Centre Ltd	DSRD/NAB Micro Enterprise Credit Project	Stepping Up	2 800
Hunter Business Centre Ltd	Stepping Up Prog - Lower Hunter area -Newcastle	Stepping Up	6 000
Macarthur Business Enterprise Centre	DSRD/NAB Micro Enterprise Credit Project	Stepping Up	6 000
Nsw Enterprise Workshop	Stepping Up - Winter 2009 Program	Stepping Up	10 000
Hunter Valley Wine Industry Association	USA Immersion Market Visit to the Hunter Valley	Strategic Partnerships Program	3 000
Bingara & District vision 20/20	Project Officer	Town & Villages Futures Program	5 000
Comboyne Community Association	Strategic Plan Review and business survey	Town & Villages Futures Program	3 500
Lake Eucumbene Chamber of Commerce	Promotion & marketing	Town & Villages Futures Program	4 500
Dubbo Chamber of Commerce & Industry	International Women's Day	Women in Business (WIB)	1 340

22. Fisheries trust fund report

Commercial Fishing Trust Fund

I&I NSW provides a range of management, scientific, compliance and administrative services to the commercial fishing industry.

Expenditure by the department on activities relating to commercial fishing are funded from consolidated revenue with a contribution from the Commercial Fishing Trust Fund. Charges are collected for services such as licence administration and management, but are not project specific.

The NSW Abalone and Lobster fisheries are subject to full recovery of attributable costs, although there is still a subsidy applied through government contributions. In both these cases, consultation is carried out with the relevant management advisory committees for the fisheries during the preparation of draft budgets and management charges.

The Seafood Industry Advisory Council was consulted over the budget for commercial fishing.

In 2009-10 the Commercial Fishing Trust Fund contributed approximately \$3 million to the department's commercial fishery related programs.

Aquaculture Trust Fund

I&I NSW provides a range of monitoring, scientific, compliance and administrative services to the aquaculture industry.

The aquaculture industry is not subject to full cost recovery and charges are not project specific.

Expenditure by the department on activities relating to aquaculture is funded from consolidated revenue with a contribution from the Aquaculture Trust Fund.

The Seafood Industry Advisory Council was consulted over the budget for aquaculture. In 2009-10 the Aquaculture Trust Fund contributed \$470 756 towards the department's aquaculture management activities.

Charter Fishing Trust Fund

In 2009-10 the Charter Fishing trust contributed \$190 422 toward charter fishing consultation and monitoring activities.

In 2009-10 the Trust Fund funded the following programs:

22. Fisheries trust fund report (cont'd)

Project	Total Available 2009-10* \$'000	Actual Expenses 2009-10 \$'000	Carry Forward \$'000
Charter fishing consultation	133	109	24
Charter fishing monitoring	40	35	5
Artificial reef and FAD development	70	70	0
Total	243	214	29

*The total available 2009-10 consists of allocations from the trust fund in 2009-10 and amounts carried forward from 2008-09.

Recreational Fishing (Saltwater) Trust Fund

In 2009-10 the Recreational Fishing (Saltwater) Trust Fund funded the following programs:

Project	Total Available 2009-10* \$'000	Actual Expenses 2009-10 \$'000	Carry Forward \$'000
ACoRF meeting expenses	29	30	-1
Angel rings installation	19	19	0
Artificial reefs monitoring and research	244	255	-11
Biology of estuary perch and rock blackfish	63	3	60
Clifton Gardens jetty upgrade	50	0	50
Coastal habitat restoration grants program	538	291	246
Estuarine artificial reefs deployment	529	513	16
Expenditure committee meeting expenses	24	25	-1
Fish aggregation devices (FADs)	188	194	-6
Fishcare volunteer program	564	626	-61
Fisheries officers (9 coastal officers)	1053	994	59
Fisheries officers (mobile squad)	416	694	-277
Gamefish tagging program	124	121	3
Gosford fish cleaning tables	85	0	85
Greater Sydney region recreational fishing survey	78	80	-2
Long Jetty upgrade – Wyong Council	12	0	12
Marine recreational management project	91	36	55
Marine stocking environmental impact statement	520	276	244
Maximising survival of recreationally caught fish research	216	184	32
Membership to Recfish Australia	7	7	0
Merimbula public jetty upgrade	45	0	45
Movements of key recreational fishing species	50	0	50
Mulloway and prawn stocking research in NSW estuaries	109	0	109
National Marine Science Centre display	40	20	20
Nelson Bay disability access platform	7	7	0
Offshore artificial reef environmental assessment	193	207	-14
Offshore artificial reef design and construction	471	10	460
Production of map for Lower Hawkesbury	12	12	0
Production of rockfishing safety resource folder	42	42	0
Recreational fishing access (coastal)	125	131	-5
Recreational fishing governance project	150	113	37
Recreational fishing in Shoalhaven River	92	92	0
Recreational fishing trust executive officer	149	154	-5
Recreational publications	205	116	89

22. Fisheries trust fund report (cont'd)

Recreational research project	171	45	126
Research on cost effective sampling methods	75	25	50
Research on recreational fishing havens	140	140	0
Research on striped marlin	1	1	1
Richmond River rescue	25	5	20
Research on grey nurse shark fishing interactions	266	220	46
Research on tagging of iconic recreational species	133	0	133
Rockfishing safety workshops	33	13	20
Satellite tagging of tiger sharks	7	0	7
Small grants program	100	48	52
Southern bluefin tuna assessment	10	8	2
Stockton recreational fishing platform	25	13	13
Study on landed fish at gamefishing tournaments	32	34	-2
Survey on rock fishing fatalities	77	34	44
Swansea radio tower	11	11	0
Tweed fish cleaning tables	28	28	0
Wave behaviour research	12	12	0
Young Leaders Program	6	0	6
Total	7 692	5 889	1 807

*The total available 2009-10 consists of allocations from the trust fund in 2009-10 and amounts carried forward from 2008-09.

ACoRF meeting expenses - the Advisory Council on Recreational Fishing (ACoRF) provides high quality advice to the Minister for Primary Industries on issues relating to recreational fishing.

Angel rings installation – involves deployment of angel rings (lifebuoys) at rock fishing black spots.

Artificial reefs monitoring and research – investigation of the effectiveness of artificial reefs in estuaries with regard to changes in fish populations.

Biology of estuary perch and rock blackfish – essential research of key recreational species along the NSW coast.

Clifton Gardens jetty upgrade – supporting funds for essential upgrade works at a popular fishing location.

Coastal habitat restoration grants program – matching funds for angling clubs, local councils and other groups for on-grounds habitat rehabilitation projects to enhance native fish stocks.

Estuarine artificial reefs deployment – deployment of artificial reefs in estuaries to enhance angler catch.

Expenditure committee meeting expenses – the Recreational Fishing Saltwater Trust Expenditure Committee (RFSTEC) provides advice on Trust expenditure to ACoRF.

Fish aggregating devices (FADs) - these are placed in coastal waters to attract pelagic fish such as mahi-mahi, tunas and marlin for recreational angling.

Fishcare volunteer program - a dynamic volunteer program providing face to face education of recreational fishers, including promoting awareness of fishing rules and sustainable fishing.

Fisheries officers (9 coastal officers) – to maximise compliance with fishing rules and provide advisory services to recreational fishers.

Fisheries officers (mobile squads) - mobile support groups with 3 Trust funded officers with rapid response capacity to promote compliance with fishing regulations. Note: Overhead funding of \$80 000 will be refunded to the program in 2010-11.

Gamefish tagging program – provides valuable scientific information on the movement and growth of billfish, tuna, sharks and sportfish.

Gosford fish cleaning tables – involves a series of cleaning tables in the

Gosford area.

Greater Sydney recreational fishing survey – collection of catch and effort information for the management of recreational fishing.

Long Jetty upgrade – supporting funds for essential works at a popular fishing location in the Wyong area.

Marine recreational management project – development of new recreational fisheries initiatives and advisory tools.

Marine stocking environmental impact statement – investigating environmental impacts of a new marine stocking program.

Maximising survival of recreationally caught fish research – study to estimate the survival of popular recreational estuarine species and to determine factors that increase survival when released.

Membership to RecFish Australia - represents the interests of recreational fishers at a national level.

Merimbula public jetty upgrade - supporting funds for essential works at a popular fishing location.

Movements of key recreational fishing species – involves tagging of fish to measure detailed movements.

Mulloway and prawn stocking research in NSW estuaries - research to explore the effects of stocking mulloway fingerlings and prawn juveniles in estuaries.

National Marine Science Centre display – contributing funding for an interactive display of recreational fishing projects, advisory information and aquariums with recreational species.

Nelson Bay disability access platform – construction of a platform to provide disabled access to the water for recreational fishing.

Offshore artificial reef environmental assessment – investigating the feasibility and impacts of the construction of purpose built artificial reefs in coastal waters.

Offshore artificial reef design and construction – involves developing a detailed design of the offshore reefs and construction and deployment in 3 locations.

Production of map for Lower Hawkesbury – production of maps that educate and inform recreational fishers on fishing locations and seagrass habitats.

22. Fisheries trust fund report (cont'd)

Production of rockfishing safety resource folder – involves a reprint of rock fishing tips for anglers.

Recreational fishing access (coastal) – identification of sites of significance to recreational fishing to secure and maintain fair access for anglers.

Recreational fishing governance project – investigation of options to improve governance arrangements for the recreational fishing sector.

Recreational fishing in Shoalhaven River - research surveys in the Shoalhaven River, including regional stakeholder workshops.

Recreational fishing trust executive officer - oversees the Recreational Fishing Trusts and provides efficient service delivery to the Expenditure Committees and ACoRF.

Recreational publications – boosts production of advisory material to educate the community about responsible and sustainable fishing.

Recreational research project – collection of information on effort and harvests of important recreational fish species for resource assessments.

Research on cost effective sampling methods – investigation of methods for surveys of recreational fishers.

Research on recreational fishing havens – involves independent surveys of fish in havens.

Research on striped marlin – investigation of age, growth and reproduction of this important recreational species.

Richmond River rescue – installation of flood mitigation gates in the Richmond River floodplain to improve environmental outcomes.

Research on grey nurse shark fishing interactions – investigation of the behavioural response of grey nurse sharks to different recreational hook-and-line methods.

Research on tagging of iconic recreational species – development of a spatial model for the distribution and movements of mulloway, bream and flathead.

Rockfishing safety workshops – community workshops to promote rock fishing safety.

Satellite tagging of tiger sharks – gathering of detailed information on the movements of tigers sharks.

Small grants program – provides grants for fishing clubs, councils and other community members for small, local projects aimed at enhancing recreational fishing.

Southern bluefin tuna assessment – involves carrying out a species impact statement.

Stockton recreational fishing platform – erection of a fishing platform.

Study of landed fish at game fishing tournaments - collection of valuable biological data on game fish at game fishing tournaments across NSW.

Survey on rock fishing fatalities – to describe recreational fishing related drownings since 2002 to develop water safety initiatives.

Swansea radio tower – to improve safety for recreational fishing boaters in the Swansea region.

Tweed fish cleaning tables – production and installation of seven tables. Unexpended funds of \$7 197 were returned to the Trust

Wave behaviour research – aims to characterise the behaviour of wave groups impacting coastal rock platforms to educate the fishing community of potentially hazardous conditions.

Young Leaders Program – education and mentoring of young people by recognised leaders in recreational fishing advocacy and management.

Recreational Fishing (Freshwater) Trust Fund

In 2009-10 the Recreational Fishing (Freshwater) Trust Fund funded the following programs:

Project	Total Available 2009-10* \$'000	Actual Expenses 2009-10 \$'000	Carry Forward \$'000
Dollar-for-dollar native fish stocking program	203	155	48
Dutton Trout Hatchery recirculation system	40	40	-1
Effectiveness of stocking research	191	196	-5
Enhanced fish production for stocking	378	405	-27
Expenditure committee meeting expenses	21	26	-5
Fishcare volunteer program	168	177	-10
Fisheries officers (inland)	728	603	125
Freshwater catfish research	56	50	5
Freshwater recreational management	165	168	-3
Gaden trout hatchery	535	613	-78
Genetic research on bass and perch	10	10	0
Hatchery trainee program	5	3	2
Hatchery tour guide	17	34	-17
Inland habitat restoration grants program	357	305	52
Inland stocking management officer	105	109	-4
Macquarie perch research	30	27	3
Maximising survival of inland line caught fish research	209	192	17
Murray cod research	50	34	16
Nodavirus research	82	30	52
Recreational fishing access (inland)	136	150	-14
Recreational fishing promotion calendar	23	15	8
Regional fish habitat manager	159	172	-14
Research on bass populations in Clarence River	13	8	5

22. Fisheries trust fund report (cont'd)

Research on bass stocking rates	67	0	67
Small grants program	60	19	41
Total	3 808	3 541	263

*The total available 2009-10 consists of allocations from the trust fund in 2009-10 and amounts carried forward from 2008-09.

Dollar-for-dollar native fish stocking program – provides grants for fishing clubs, councils and community groups to buy native fish from hatcheries to stock in approved public waterways.

Dutton Trout Hatchery recirculation system – provides for a temperature controlled re-circulation unit capable of maintaining trout brood stock to enhance production.

Effectiveness of stocking research – research to improve effectiveness of freshwater stocking practices in NSW.

Enhanced fish production for stocking – enhancement of the stocking capacity of fish hatcheries at Narrandera, Jindabyne, Ebor and Port Stephens.

Expenditure committee meeting expenses – the Recreational Fishing Freshwater Trust Expenditure Committee (RFFTEC) provides advice on priorities for Trust expenditure to ACoRF.

Fishcare volunteer program - a dynamic volunteer program providing face to face education of recreational fishers, including promoting awareness of fishing rules and sustainable fishing.

Fisheries officers (Inland) – maximise compliance with fishing rules and provide advisory services to recreational fishers.

Freshwater catfish research – aims to identify patterns of population structure in freshwater catfish and identify suitable reintroduction sites within the Murray-Darling catchment.

Freshwater recreational management – management of fish stocking programs in NSW and community liaison and correspondence with fishing clubs and other key stakeholder groups.

Gaden trout hatchery – involves production of trout for stocking in public waterways.

Genetic research on bass and perch - A study into the conservation genetics and stocking management of perches and basses, including Australian bass, estuary perch and golden perch.

Hatchery trainee program – provides support for work experience students to learn hatchery skills at Narrandera.

Hatchery tour guide – provides informative and interactive tours for visitors at the Gaden Trout Hatchery.

Inland habitat restoration grants program – provides matching funding to angling clubs, local councils and Landcare groups for on-grounds habitat rehabilitation projects to enhance native fish stocks.

Inland stocking management officer – monitoring and assessment of inland stockings to improve environmental outcomes.

Macquarie perch research - investigation of captive breeding techniques of Macquarie perch.

Maximising survival of inland line caught fish research – studies to estimate the survival of popular recreational inland species and establish factors that increase survival when released.

Murray cod research – involves biological research on this iconic species.

Nodavirus research – aims to understand the causes and management of nodavirus outbreaks in Australian bass to ensure ongoing stocking of the species.

Recreational fishing access (inland) – identification of travelling stock reserves and other parcels of land of significance to anglers to ensure maintenance of appropriate access for fishers.

Recreational fishing promotion calendar – production of a calendar to promote the Trusts and recreational fishing.

Regional fish habitat manager – inland conservation management focused on protecting and rehabilitating valuable freshwater fish habitats for healthy and productive recreational fisheries.

Research on bass populations in Clarence River – investigation of life history parameters in a local bass population.

Research on bass stocking rates – scientific modelling and determination of appropriate stocking rates and sizes for Australian bass.

Small grants program – provides grants for fishing clubs, councils and other community members for small, local projects aimed at enhancing recreational fishing.

The following programs were funded jointly by the Freshwater and Saltwater trust funds.

Project	Total Available 2009-10* \$'000	Actual Expenses 2009-10 \$'000	Carry Forward \$'000
Economic survey of recreational fishing	75	0	75
Fishing guides	235	261	-26
Fishing promotion	29	5	24
Fishing safety DVD	40	0	40
Fishing workshops	79	78	0
Get hooked...its fun to fish school education program	390	404	-13
Recreational fishing fee administration	1 436	1 338	98
Recreational fishing fee renewal notice	165	128	37
Recreational fishing fee research database	90	76	14
Recreational Fishing Infrastructure Manager	126	127	-1
Tournament management	143	127	16
Tournament monitoring	119	120	-1
Total	2 927	2 664	263

*The total available 2009-10 consists of allocations from the trust fund in 2009-10 and amounts carried forward from 2008-09.

22. Fisheries trust fund report (cont'd)

Economic survey of recreational fishing – involves development of cost effective methodology and a survey of recreational fishing.

Fishing guides - printing and distribution of 300 000 Recreational Saltwater and Freshwater Guides free of charge to anglers.

Fishing promotion - raises awareness of fishing rules, including the need for a recreational fishing fee receipt, to encourage responsible and sustainable fishing practices.

Fishing safety DVD – production of high quality DVD modules on fishing safely.

Fishing workshops - children's workshops across regional NSW, including workshops for special needs groups and culturally and linguistically diverse communities.

Get Hooked...Its fun to fish school education program – a primary school education program teaching children the importance of aquatic habitats and to introduce them to safe and responsible fishing.

Recreational fishing fee administration - management of a network of 1 000 fee agents, and internet and telephone fee payment systems. Includes payment of agent commissions.

Recreational fishing fee renewal notice - mailing out of renewal letters (with advisory material) to one and three year fee receipt holders.

Recreational fishing fee research database – collection of information on fishing fee receipt holders, including names, addresses, phone details and other demographic information for use in surveys of recreational angling.

Recreational fishing infrastructure manager – development of recreational fishing infrastructure projects and on-grounds works throughout NSW.

Tournament management - development and implementation of a code of conduct for fishing competitions to improve the environmental and social impacts of these events.

Tournament monitoring – collection of catch and effort information at selected fishing competitions across NSW to monitor fish populations.

23. Cost of production of the 2009-10 annual report

The total external cost incurred in the production of the Industry & Investment NSW 2009-10 Annual Report is \$14 277.00.

This cost includes editing, print management and print production. An electronic copy is available on the department's website at www.industry.nsw.gov.au

24. Research and Development

Primary Industries Division

The department manages a significant research portfolio with a total expenditure of more than \$100 million dollars per year. About half of the investment comes from partnerships and alliances. These collaborations make I&I NSW one of the largest research organisations in Australia, with more than 700 staff and more than 900 projects. The Primary Industries Divisions partnerships and collaborations enhance its capacity to provide the research that underpins and drives productivity growth in the State's primary industries and to address key environmental and social issues associated with primary industries.

The division is involved with fifteen Cooperative Research Centre's (Table 1) which along with forty-nine significant co-investors (Table 2), contributed a total of over \$41 million in funds to the division's research activities. Further, the division collaborates with a wide range of universities within and outside of Australia, CSIRO and with State Departments from other jurisdictions. A number of these arrangements have been formalised in significant alliances (Table 3).

Table 1. Current involvement with CRC's

CRC Name	HQ/NSW Node	Period
Landscape Environments & Mineral Exploration	WA/Maitland	2002-08
Predictive Mineral Discovery	VIC/Maitland	2002-08
Bushfire	VIC/Pennant Hills	2004-10
Desert Knowledge	NT/Trangie	2004-10
Irrigation futures	QLD/Orange	2004-10
Australasian Invasive Animals	ACT/Orange	2006-12
Beef Genetic Technologies	NSW/Armidale	2006-12
Cotton Catchment Communities	NSW/Narrabri	2006-12
Internationally Competitive Pork Industry	SA/EMAI	2006-12
National Plant Biosecurity	ACT/EMAI	2006-12
Forestry	TAS/Pennant Hills	2006-12
Sheep Industry Innovation	NSW/Armidale	2008-14
Future Farm Industries	WA/Wagga & Tamworth, Glen Innes	2006-12
Seafood	SA/Port Stephens	2007-14
CO ₂ (Greenhouse Gas Technologies)	ACT/Maitland	2006-12