

Envirolink Tools**Oct-25****Status**

No.	Tools Round 1	Champion	\$ inc GST	Provider	Oct-25
R1-1	Stream habitat assessment	Trevor James	168750	U of C	completed - on website completed - on Landcare website completed completed - on NIWA website completed - on website completed - link on website
R1-2	Threatened environment	Rob Phillips	105000	LCR	
R1-3	River management	Brin Williman	168750	NIWA	
R1-4	Extending clues	Reece Hill, Jon Roygard	168750	NIWA	
R1-6	Stream restoration	Kevin Collier	168750	NIWA	
R1-7	LUC handbook	Garth Eyles Greg Carlyon	360000	AgRes	
(tool meeting 5 May 06; list approved by FRST on 12 June 06)					

	Tools Round 2	Champion	\$ inc GST	Provider	Oct-25
R2-1	Fish monitoring protocol	Bruno David - as of Mar 09	168750	MU	completed - on website
R2-2	Land and soil monitoring - SINDI	Reece Hill + Amy Taylor	112500	LCR	completed - link on website
R2-3	Pest management prioritisation VPDS	Richard Bowman	168750	LCR	completed - link on website
R2-4	Aquifer monitoring framework	Ed Brown David Scott	112500	LVL	completed - part on website
(tool meeting 13 Nov 06; list approved by FRST on 30 Jan 07)					

	Tools Round 3	Champion	\$ inc GST	Provider	Oct-25
R3-2	Coastal hazard assessment	Mike Adye - Hazard	185625	NIWA	completed - on website
R3-3	Virus tool for groundwater protection	was Viv Smith; now Susie O	247500	ESR	completed - on website
(tool meeting 25 June 07; list approved by FRST 23 July 07)					

	Tools Round 4	Champion	\$ inc GST	Provider	Oct-25
R4-1	Sedimentation and instream values	Summer Warr - SWIM	168750	Cawthron	Completed - on website completed - on website completed - on website completed - on website
R4-2	Uses and values of water bodies	Mary-Anne Baker - SWIM	168750	LU	
R4-3	Incentives for air quality	Fleur Tiernan - NAQWG	225000	NIWA	
R4-4	Guidelines for artificial lakes	Adrian Meredith - SWIM	90000	NIWA	

R4-6	Coastal habitat	Jarrod Walker - Coastal	270000	NIWA	completed - on website
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(tool meeting 19 Nov 07; final GC list 18 Dec 07; list approved by FRST 10 April 08)

	Tools Round 5	Champion	\$ inc GST	Provider	Oct-25
R5-1	S-map - Soil data tool to underpin dairy farm management	Jeremy Cuff, Reece Hill - LMF	281300	LCR	completed - link on website
R5-2	NZ land use database and classification	Reece Hill, Jeremy Cuff - LMF	225000	LCR	completed - link on website
R5-3	Microbial source tracking for faecal contamination of coastal catchments.	Jarrod Walker - Coastal	308250	Cawthron	Completed - report on website
R5-4	Characterising dairy sludges and slurries	Rachael Millar - SWIM	135000	AgRes	Completed - report on website
R5-5	Update in-stream plant and nutrient guidelines	Summer Warr (was Kate Mc)	112500	NIWA	Completed - report on website

(tool meeting 25 Nov 08; final GC list 5 Dec 08; list approved by FRST 25 Mar 09)

	Tools Round 6	Champion	\$ inc GST	Provider	Oct-25
R6-1	Pest management outcomes	Campbell Leckie BMG	186000	LCR	completed - link on website
R6-2	Capture zone guidelines for hydrological features	John Hadfield - GWF	169000	GNS	completed - 11/4/14 on website
R6-3	Soil quality indicators: the next generation	Reece Hill - LMF	208,000	AgRes	Completed - report on website

(tool meeting 12 Oct 09; final GC list 29 Oct 09; FRST notification of approval 7 Dec 09)

	Tools Round 7	Champion	\$ inc GST	Provider	Oct-25
R7-1	Risk-based planning	Lisa Pearce - Hazards	230000	GNS	completed on website
R7-2	Monitoring terrestrial biodiversity	Fleur Maseyk + Kevin Collins - BMG/BTG	230000	LCR	completed on website
R7-3	Web-based tool for managing all relevant spatial tools	Beat Huser and Steve Markham - Policy	115,000	Massey	completed on website

(tool meeting 13 Nov 10; final GS list 18 Nov 10; FRST notification of approval 23 Dec 10)

	Tools Round 8	Champion	\$ inc GST	Provider	Oct-25
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R8-1	National environmental monitoring standards	Jeff Watson + Rob Christie LAEMG	103500	NIWA	completed draft on website
R8-2	Maximising the effectiveness of farm plans	Tony Faulkner LMG	230000	NIWA	
R8-3	Guidelines for monitoring land fragmentation	Amy Taylor + Andrew Burton LMF	241500	LCR	
(tool meeting 27 Oct 11; Final GC list 4 Nov 11; MSI notification of approval 29 Nov 11)					

Tools Round 9		Champion	\$ inc GST	Provider	01/10/2025
R9-1	Regional flood estimation in New Zealand	Gary Clode - River Managers, Martin Doyle LAEMG	172500	NIWA	completed on website
R9-2	Interoperable S-map	Colin Gray + Barry Lynch - LMF, Lisa Pearse - Hazards	230000	LCR	
R9-3	Review of the New Zealand instream plant and nutrient guidelines and development of an extended decision making framework: Phase 3	Graham Sevicke-Jones SWIM	172500	NIWA	
(tool meeting 29 Oct 12; Final GC list 6 Nov 12; MSI notification of approval 8 February					

Tools Round 10		Champion	\$ inc GST	Provider	Oct-25
R10-1	Estuarine Trophic Index	Anna Madarasz-Smith - Coastal	287,500	NIWA - Mal Green	completed on website
R10-4	Background concentrations and soil guideline values for the protection of ecological receptors	Dominique Noiton - Waste & Contaminated Land Forum	253,000	LCR - Jo Cavannagh	
(tool meeting 4 Nov 2013; GC list 14 Nov 2013; MBIE approval 23 Jan 2014)					

Tools Round 11		Champion	\$ inc GST	Provider	Oct-25
R11-2	NEMS water quality standard	Jeff Watson Simon Tredgett (AC) - LAEMG Jim Price (PM)	172500	NIWA	completed on website

R11-5	Upgrade NZ high intensity rainfall design system (HIRDS)	Jeff Watson, Gary Clode - Rivers, LAEMG, HMG	402500	NIWA - Graeme Horrell	completed on website
(tool meeting 22 Oct 2014; GC list 3 Nov 2014; MBIE approval 23 Feb 2015)					

	Tools Round 12	Champion	\$ inc GST	Provider	Oct-25
R12-1	Aquatic weed management best practice guide	Don McKenzie (BMG)	225400	NIWA	completed on website
R12-2	A review of the marine contact recreation water and shellfish gathering guidelines.	Anna M-S (Coastal)	115000	NIWA	completed on website
R12-3	Development of a national fish passage assessment protocol and data management tools	Trevor James (SWIM)	166750	NIWA	Completed link to NIWA site
R12-4	Protocol and methodology standards for farm scale soil mapping	Karen Wilson (LMF)	67850	LCR	completed on website
(tool meeting 22 Oct 2015; GC list 5 Feb 2016; MBIE approval 9 May 2016)					

	Tools Round 13	Champion	\$ inc GST	Provider	Oct-25
R13-1	Cost effective tools for monitoring urban waters	C Conwell M Cameron T Davie R Hodson (SWIM)	172500	NIWA (Gadd and Moores)	completed on website
R13-3	Mobile technology to enhance public participation in weed surveillance	R Milne (BMG)	172500	Scion (Pawson)	completed - tool available on internet
R13-4	Improving Uptake of Decision Support System (DSS) Tools	B Huser (Policy)	57500	LCR	completed - website updated
R13-5	Wetland Delineation: Soil Tool Development	R Smith (BMG)	57500	LCR	completed on website
(tool meeting 20 Oct 2016; GC list 30 Nov 2016; MBIE approval 12 May 2017)					

	Tools Round 14	Champion	\$ inc GST	Provider	Oct-25
R14-1	Molecular tool for detecting fish species in freshwater	Ebrahim Hussein (SWIM) - now Andy Hicks	299000	Cawthron	completed on website
R14-2	Satellite MODUS-Aqua Coastal Water Quality Tool	Megan Oliver Melissa Foley Steve Ulrich (Coastal)	126500	NIWA	completed on website

R14-3	Measurement of total flow in weedy lowland streams	Mike Ede (Env Data) Thomas Wilding (SWIM)	149500	NIWA	completed on website
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(tool meeting 19 Oct 2017; GC list 7 Dec 2017; MBIE approval 25 June 18)

Tools Round 15		Champion	\$ inc GST	Provider	Oct-25
R15-2	Aerial survey system to quantify toxic cyanobacteria cover	SWIM: Mark Heath (GW), Shirley Hayward (ECAN), Roger Hodson (ES)	253000	NIWA: Hamish Biggs, Jo Bind, Cathy Kilroy, Karl Safi	completed on website
R15-1	A collaborative satellite data workspace for regional councils	LMF: Reece Hill (WRC), Nancy Golubiewski (AC)	322000	GNS: Rogier Westerhoff	completed on website

(Tool committee meeting 25 Oct 2018; GC meeting 5 Nov 2019; MBIE approval 6 June 20)

Tools Round 16		Champion	\$ inc GST	Provider	Oct-25
R16-1	Microbial Risk Assessment tool for discharges near drinking water wells.	GF – Carl Hanson, Lisa Scott (ECAN)	218500	ESR + GNS	completed on website
R16-3	Surrogate technologies for river suspended sediment load monitoring	ED - Brent Watson (HRC); Nicholas Holwerda (AC)	155250	NIWA	completed on website
R16-4	Monitoring and evaluation of riverine flow management under the NPS-FM	SWIM – Paul Fisher (NCC); Susie Osbalditson (NRC)	201250	NIWA + Cawthron	completed on website

(tool meeting 24 Oct 2019; GC meeting 16 Nov 2019; MBIE approval 18 June 2020)

Tools Round 17		Champion	\$ inc GST	Provider	Oct-25
R17-2	Taxonomic resource for soft sediment estuarine and coastal macroinvertebrates	CSIG - Megan Oliver (GW); Michael Townsend	172500	NIWA + Cawthron	completed - link to NIWA on website

R17-4	National Quality Assurance Framework for Community-Based Monitoring	SWIM - Sheryl Miller; Sandy Haidekker; Shirley Hayward	230000	NIWA	Completed on website
R17-1	National Works in Waterways Guideline	Duncan Gray (ECAN) Jarred Arthur (ECAN)	172500	UCAN	contracted from 1 July 2022 - slow

(tool meeting 20 Oct 2020; GC meeting 12 Nov 2020; MBIE approval 22 June 2021)

Tools Round 18

		Champion	\$ inc GST	Provider	Oct-25
R18-2	Stocking NZ's molecular library for eDNA monitoring	Bruno David (WRC) and more	299920	Massey Univ	completed on website
R18-1	Implementation of ecological soil guideline values and sustainable soil management of 'surplus' soils	Jonathan Caldwell (WRC) and more	148350	MWLR	completed on website
R18-4	Enabling flexibility and connectivity in land use classifications for state of the environmental soil quality monitoring	Haydon Jones (WRC) and more	105800	MWLR	completed on website

(tool meeting 12 Oct 2021; GC meeting 9 Nov 2021; MBIE approval 3 June 2022)

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Tools Round 19

		Champion	\$ inc GST	Provider	Oct-25
R19-4	High frequency water quality monitoring – design, planning and implementation guidance	Ed Brown (WRC) Coral Grant (AC)	291640	NIWA: Lucy McKergow	EB on track 16/4/25
R19-2	Mapping and ground-truthing the extent of naturally uncommon ecosystems	Scott Jarvie (ORC) Roger Uys (GW)	282900	MWLR: Adrian Monks	SJ said on track 16/4/25 and AM 28/4/25

Tools Round 20

		Champion	\$ inc GST	Provider	Oct-25
R20-3	Using remote sensing to quantify coastal vegetation cover	Melanie Burns (ECAN), Sam Thomas (ORC), Josie Crawshaw (BoP)	230000	NIWA - Leigh Tait, Steph Mangan etc	-LT email 23/4/25 "on track"

R20-6	Guidance for standardised forest condition monitoring for regional councils	Annabel Beattie (HBRC) - BDWG	345000	MWLR - Warwick Allen, Sarah Richardson, Peter Bellingham
R20-2	Revising target values for soil quality indicators used in SOE reporting	Haydon Jones (WRC) Matthew Taylor (WRC) Erik Button (ORC) - LMF SIG	143750 (\$100K MfE)	MWLR- John Drewry, Jo Cavanagh etc

AB email 23/4/25 on track

HJ and JC- on track 16/4/25

	Tools Round 21	Champion	\$ inc GST	Provider	Oct-25
R21-4	High frequency water quality monitoring field guidance	Environmental Data & CSIG - Ed Brown WRC	345000	NIWA - Lucy McKergow	

contract signed 1 July 2025