



The Rural Community's response to Council's
voluntary riparian and self-help possum control
programmes.

Why do they work


Ian Armstrong
Dairy Farmer



Farm background


- 1200 cows on lahar country
- 480,000 milk solids
- 14kms fenced & planted- 3kms to go



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- The Rural Community's response to Council's voluntary riparian and self-help possum control programmes.
Why do they work?
 - Do they work?

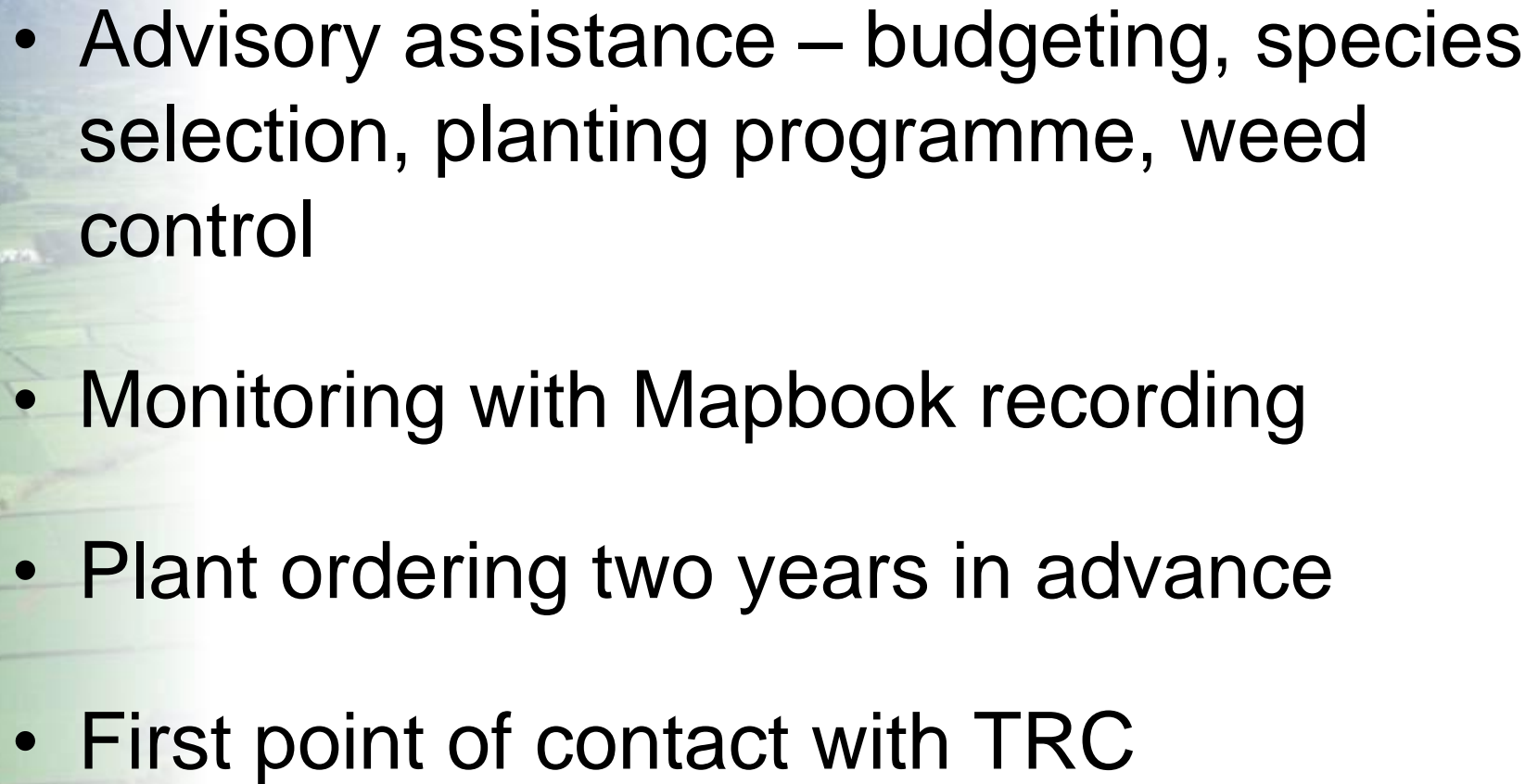
The Riparian Management Programme

- Strategy 1993 to address runoff
- Consultation with community=buyin
- 2005 Programme incorporated into the Dairying and Clean Streams Accord RAP

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- We started planting 20 years ago
 - Mistakes made
 - Wrong species for the area and planting location
 - Weed control difficulties
 - Paid dearly for plants

Having won the hearts and minds TRC addressed resourcing

- 7 LMOs (one per 300 farmers)
- Duties: 1-on-1 with farmers - relationship building and encouragement
- Plan preparation on farm with the farmer – tailored
- A joint document – no cost, no obligation

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- Advisory assistance – budgeting, species selection, planting programme, weed control
 - Monitoring with Mapbook recording
 - Plant ordering two years in advance
 - First point of contact with TRC



- LEGEND**
- Farm Boundary
 - - - Proposed fencing
 - Proposed fencing completed
 - - - Proposed planting completed
 - Proposed Zone B Native
 - Proposed Zone C Native
 - Proposed Zone B and C Native
 - Proposed Zone B Exotic
 - Proposed Zone C Exotic
 - Proposed Shelterbelt
 - Proposed Shelterbelt completed
 - Race
 - Existing vegetation
 - Existing fencing
 - Stream
 - Road
 - Natural barrier
 - Existing bridge
 - Proposed bridge
 - Existing culvert
 - Proposed culvert


SCALE 1:17,250

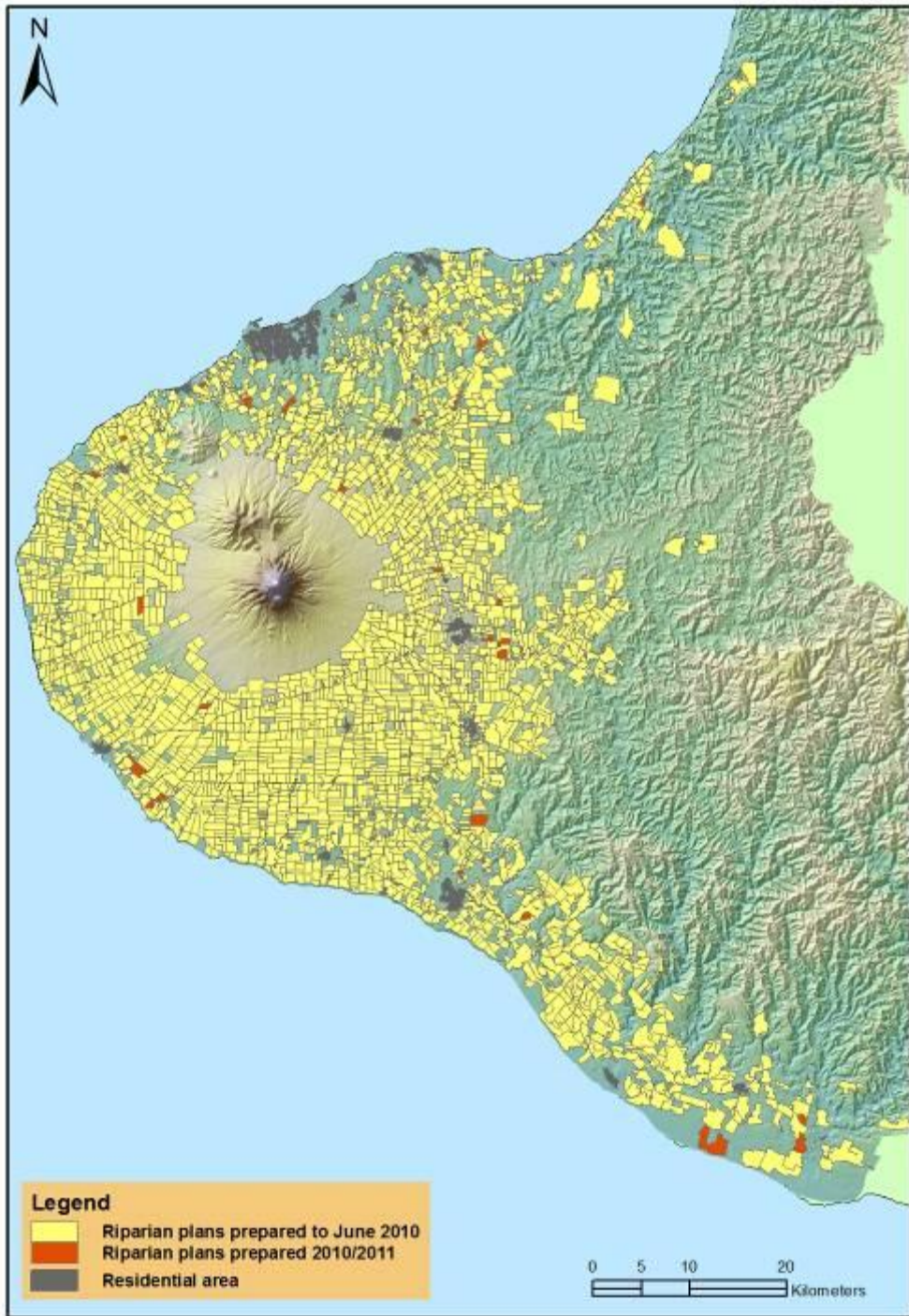
0 270 540 1,080 Meters

DATE: Oct 26, 2011

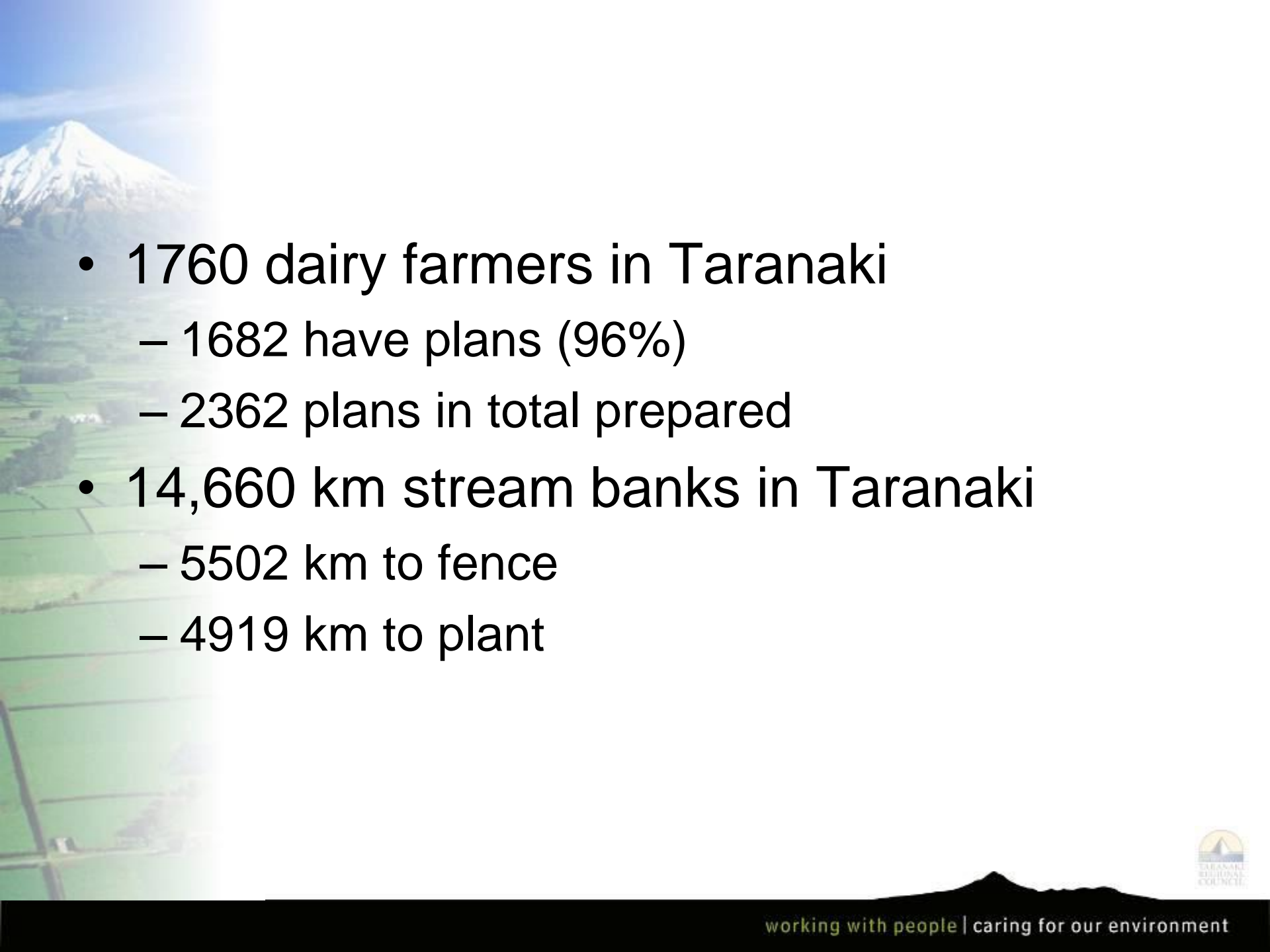


FARM PLAN 90061	EXISTING FENCE WITH			PROPOSED FENCE WITH			LENGTH OF STREAM BANK WITH										
	NO VEG	PROP VEG	EXIST VEG	NO VEG	PROP VEG	EXIST VEG	BANK	PROTECTED	PROPOSED								
ORIGINAL (No Orig Date)	10560m	29.0%	2745m	7.0%	9330m	25.0%	9390m	25.0%	4845m	13.0%	0m	0.0%	36870m	19890m	54.0%	16980m	46.0%
CURRENT (06/07/2011)	10410m	28.0%	1635m	4.0%	14400m	39.0%	9390m	25.0%	1035m	3.0%	0m	0.0%	36870m	24810m	67.0%	12060m	33.0%
WORK DONE: (m) (%)	FENCING: 3810m 27% of recommended work			PLANTING: 5070m 67% of recommended work													

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- 1760 dairy farmers in Taranaki
 - 1682 dairy farmers have plans (96%)
 - 2362 plans in total prepared



or our environment

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- 1760 dairy farmers in Taranaki
 - 1682 have plans (96%)
 - 2362 plans in total prepared
 - 14,660 km stream banks in Taranaki
 - 5502 km to fence
 - 4919 km to plant

Progress to 30 June 2011

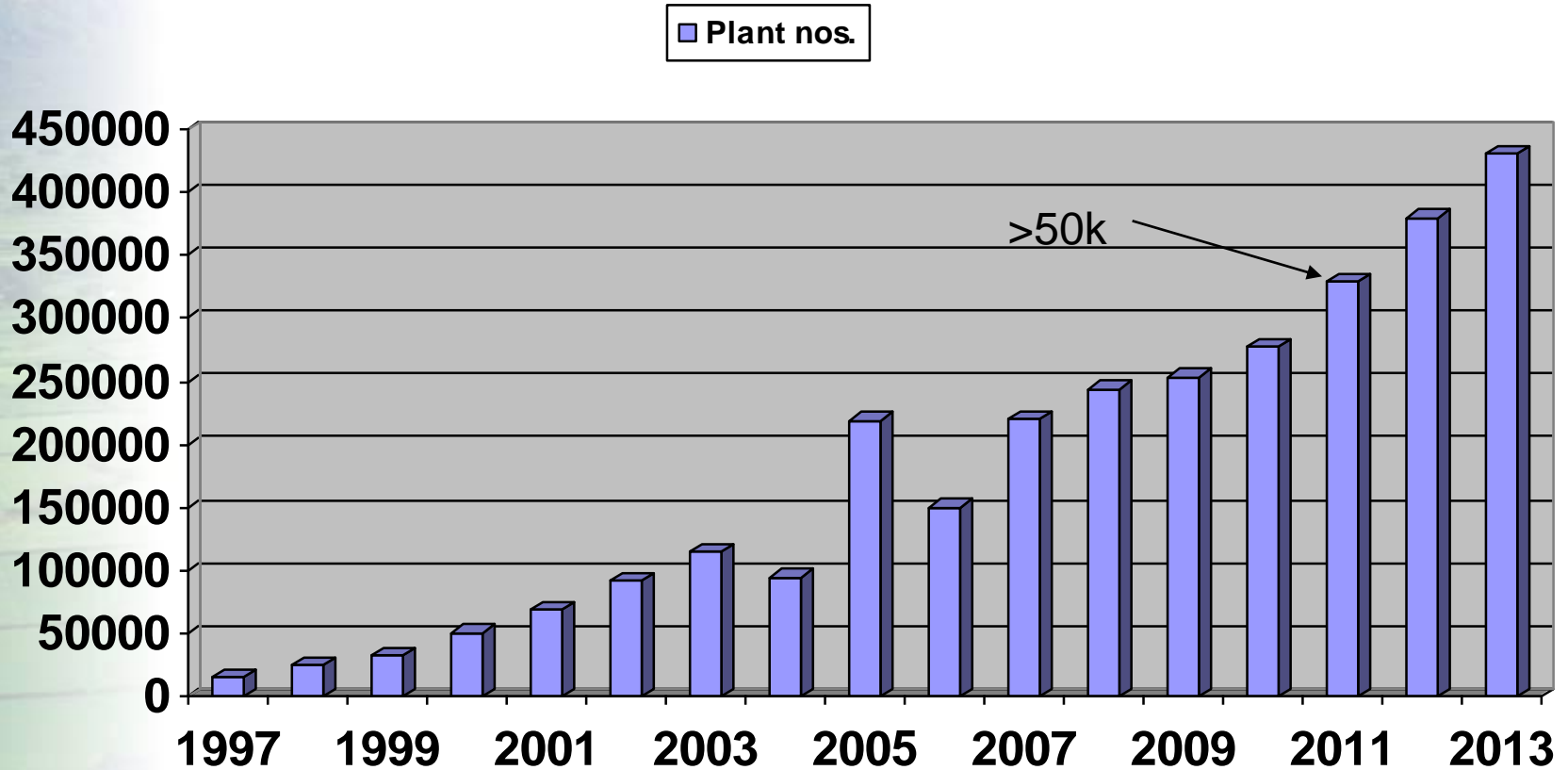
- 1919 km fenced (35%)
- 930 km planted (19%)

Plant supply

- 2.1 million since 1996
- Cost recovery for plants at wholesale rates
- 328,724 riparian plants to 896 planholders (2011)
- Plants ordered 2 years in advance
- Need to reach ½ million per year



Riparian plant nos. 328,724



Self help possum programme

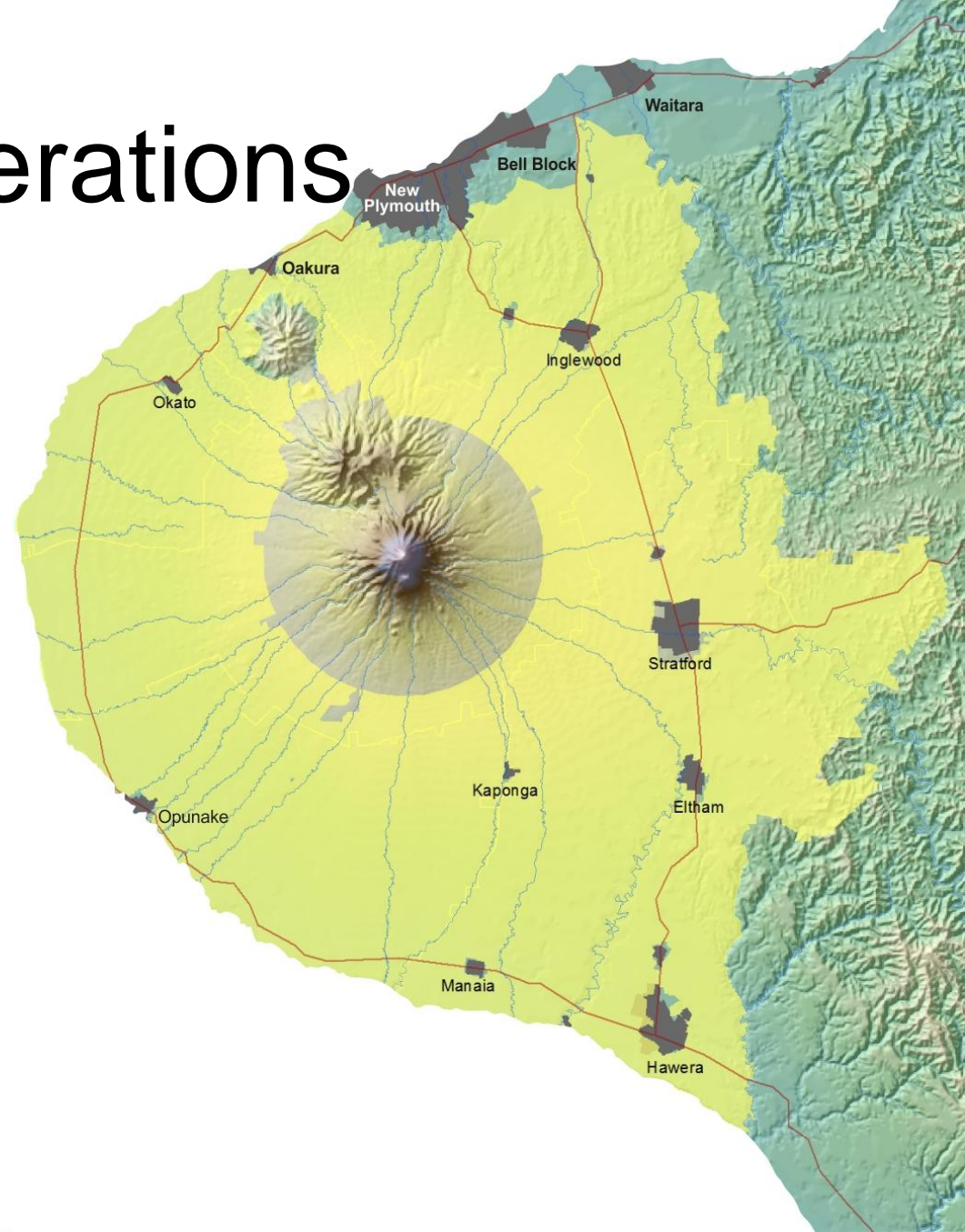
- Started 1994 Initial control to 5%
- Maintenance at 10% RTC
- At 75% buy-in was regulated
- Scheme covers 3,786 properties 228,000 ha
- 1181 inspections, 9 notices of direction
- Current RTC 5.5%
- No legal action
- Peer pressure

My involvement

- Hold licences for phosphorus and cyanide
- Trained by TRC officers
- Meet with TRC Pest Control Officer yearly
 - Purchase of poisons
 - Monitoring
 - Notified for poison period
 - Follow-up


Operations

- March 1994
- March 1998
- June 2004
- June 2009



Common factors to success

- Buy in for farmers & community - ongoing
- Want to be seen as responsible citizens
- Help to achieve objectives 1 to 1 – not alone
- Evolution & ownership of schemes
- Property specific plans and advice
- Numerous benefits of both schemes for farmers
- Peer pressure on others who are dragging the chain.
- Majority want regulation for the minority rather than top down regulation

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- Could the results have been achieved by other means
 - Regulation
 - Subsidies

Summary

- Buy in from community so both schemes highly regarded
- Schemes are tailored to our needs
- Ownership of schemes
- Support from Council
- Peer pressure strong
- Regulate minority

Working with people caring for Taranaki



Taranaki
Regional Council

