

PC1 submission support material

Primary Growth Partnership

Between Ballance and MPI

- 7 year Research Programme
- ~\$19.5 million
- Focus Nutrient Management

Key outputs include:









Nutrient Mgmt workshops

Agreed messages / Posters / Workbook Collaborative / Farmers co-present To Date 33 Nutrient workshops Over 580 attendees



JOIN US TO LEARN HOW TO RECORD, INTERPRET AND ACT ON YOUR FARM NITROGEN REPORT EFFECTIVELY.

The information in your farm nitrogen report (produced annually by your dairy company) reflects what's happening on your farm and indicates where changes could result in improvements.

Presented by Ballance experts, this workshop is designed to give you practical guidance for managing nitrogen on your farm. It will cover:

- The numbers finding the data you need and interpreting the results you get
- Taking control the five factors of nitrogen loss and how you can influence them
- Top tips practical ideas for improvement

Join us and receive your own resource workbook, where you can record your nitrogen management goals.

Questions are welcome – at lunchtime you'll have the opportunity to talk with a Walkato Regional Council representative about the proposed Healthy Rivers plan. The Ballance speakers and Fonterra Nitrogen Management team members will also be available for a chat.

REGISTER NOW 0800 656 568

This is a FREE event, with morning tea and light lunch provided







SPEAKERS

Ian Power, Josh Verhoek, Ian Tarbotton



TE KAUWHATA

Te Kauwhata Rugby Sports Club Te Kauwhata Domain



CAMBRIDGE

Avantidrome 15 Hanlin Road, Cambridge



MORRINSVILLE

Top Pub 2618 State Highway 26, Morrinsville



REPOROA

The Woolshed Tavern 3820 Broadlands Road, Reporoa

TIME

9:45 am Registration

10:00 am Start

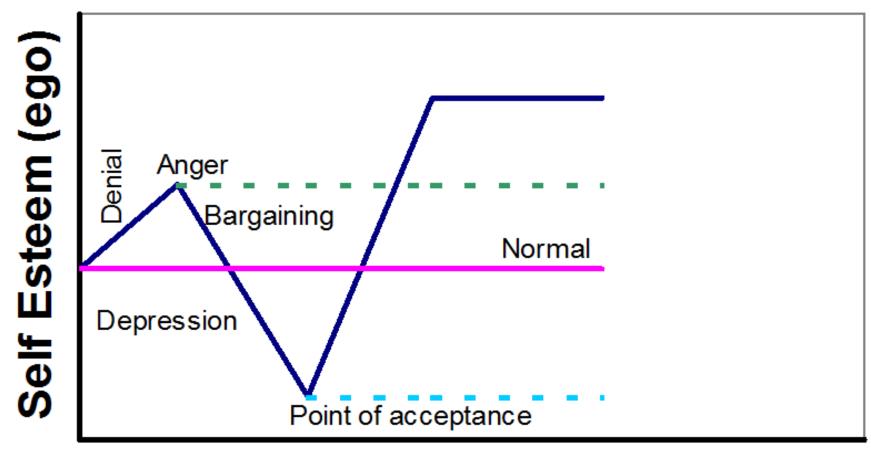
1:00 pm Workshop concludes/lunch

1:00 pm Optional one-on-one session and/ or discussion with regional council

2:00 pm Finish



Kubler-Ross – "Grief cycle"



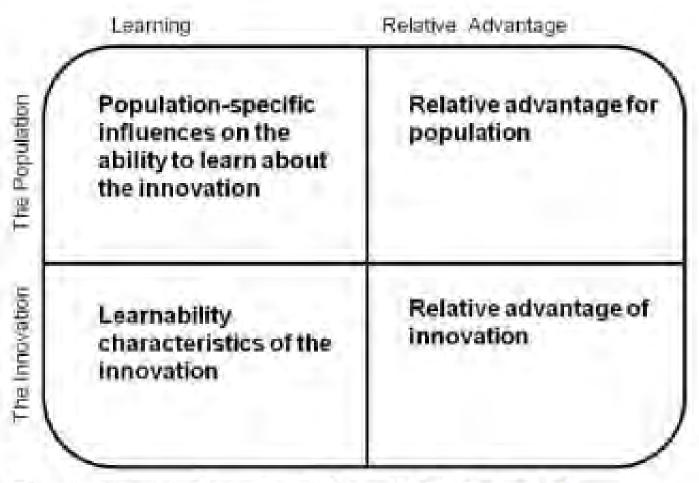
Time

ADKAR change model





ADOPT – model to predict innovation adoption



The four quadrants of the ADOPT model

Relative Advantage for the Population	
1 Profit Orientation	
2 Environmental Orientation	
3 Risk Orientation	
4 Enterprise Scale	
5 Management Horizon	
6 Short Term Constraints	
Learnability of Population	

10 Advisory Support 11 Group Involvement 12 Relevant Existing Skills & Knowledge 13 Innovation Awareness

Learnability Characteristics of the Innovation

- 7 Trialable
- 8 Innovation Complexity
- 9 Observability

Relative Advantage of the Innovation

- 14 Relative Upfront Cost of Innovation
- 15 Reversibility of Innovation
- 16 Profit Benefit in Years that it is Used
- 17 Future Profit Benefit
- Time Until any Future Profit Benefits are Likely to be Realised
- 19 Environmental Costs & Benefits
- 20 Time to Environmental Benefit
- 21 Risk Exposure
- 22 Ease and Conventence



Group Development Stages - Tuckman

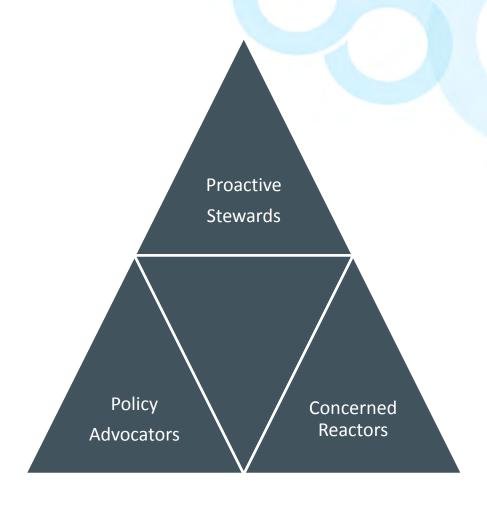


Southland Catchment Research

- Semi-structured questionnaire developed
- 26 interviews completed of Catchment Group Leaders (farmers),
 Industry Orgns, Regional Council Reps
- Interviews were completed by a local consultant who had involvement in one Catchment Group
- The interviewer was already widely known and respected



The three Catchment Group types from our research





Critical Success Factors expanded

N etworks to experts & RCs

E nergy to motivate

T eamwork from a core group

W orkshops facilitated

O bjectives defined and agreed

R eliability to get stuff done

K knowledge growth

S haring actively between meeting



Successful Catchment Groups

Must be

Dynamic "Networks"



Two of the groups had formal mission statements:

To raise awareness and protect the future of farming, water quality and community. To preserve and enhance water quality in the catchment. To focus on the unique environment in our catchment

We have a desire to maintain/improve water quality in our catchment. We will operate a proactive, collaborative approach to achieve economically and environmentally sustainable farming in our catchment



You will benefit from accessing great "Facilitation skills"

A facilitator is a guide to help people move through a process together

Facilitation focuses on:

- how people participate in the process of learning or planning not just on
- what gets achieved



Top Tips

- Be inclusive but farmer lead
- 2. Invite, invite, invite
- 3. Tap into well established Catchment Groups / Catchment Group Leaders
 (Southland is a wonderful source of these)
- View and celebrate wins
- 5. Do not make unrealistic promises
- 6. Accept change takes time
- 7. Do yourself out of a job role succession
- 8. Be open to "novel solutions" eg leasing land for a Catchment wetland



Catchment Leader – "Change" Workshop

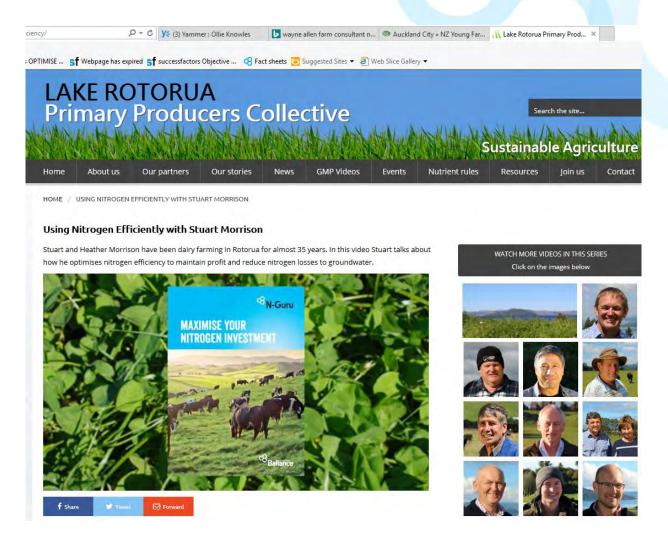


Digital Delivery – a way to leverage impact

- Webinars
 - Completed first one with Ian Power on N Loss and Mgmt
 - 65 Ballance Nutrient Specialist (either via laptop or phone)
 - Farmer webinar being finalised
 - Aim to produce these quarterly
- E Learning modules (part of Foundation Training)
 - Enable self directed learning
- Video clips
 - internal (case studies with marketing) and
 - external (Rotorua Lakes work)
- Podcasts
 - Audio only suited to listen to when driving
 - 22 completed mainly quite seasonal



Collaborative video series





ADOPT curve – fast example

Adoption Level S-Curve

