

FACILITATING CHANGE
AND OVERCOMING BARRIERS TO DELIVERY

80% LARGE GRAZ-
ING PROPERTIES

*(200+ ha) engaged with LDC



66% *large grazing
properties provided
input and feedback
into the project

Graziers represent
50%
of the multi-staker
Project Panel that
provides strategic
and advisory
oversight



76% of participants reported
being 'highly satisfied'
with the LDC project

65% say they are 'motivated'
to do more to improve
water quality

18 *large grazing properties
undertaken tailored technical
support to access specialised skills

13 landholders completing a tailored professional development and leadership program



Rolling out an integrated grazing
management practice extension program
in conjunction with delivery partners
- *it's a new way of delivery*



Launched '**new incentives**' program
to help accelerate practice change to
improve water quality

Facilitating landholder engagement in policy
development and implementation in the BBB
3 information sessions which helped
inform and provide feedback for Reef
Regulations

1 Vegetation Management workshop
1 Policy Roundtable between landholders
and government decision makers



188,000km
driven by the LDC team to deliver the project

*Large grazing properties = 200+ ha
• 70 large grazing properties (200+ ha)
• 1,160,035 ha total grazing land managed by those 70 properties
• Data is aggregated from 1 July 2017 to 30 June 2019 (2 years)

ABOUT THE LDC



LANDHOLDERS
DRIVING CHANGE
BURDEKIN MAJOR INTEGRATED PROJECT

NQ Dry Tropics' Landholders Driving Change project is empowering communities in the Bowen and Collinsville region to manage healthy and productive landscapes.

It is delivering a flexible program of innovative and tried and tested actions designed by landholders and tailored to their needs, to tackle erosion and improve land management, productivity and water quality in the high-priority Bowen, Broken, Bogie (BBB) catchment.

These actions are being measured for their effectiveness in delivering sustainable management and water quality outcomes with the objective of transferring the successful actions to other regions. Visit our website for more details ldc.nqdrytropics.com.au.

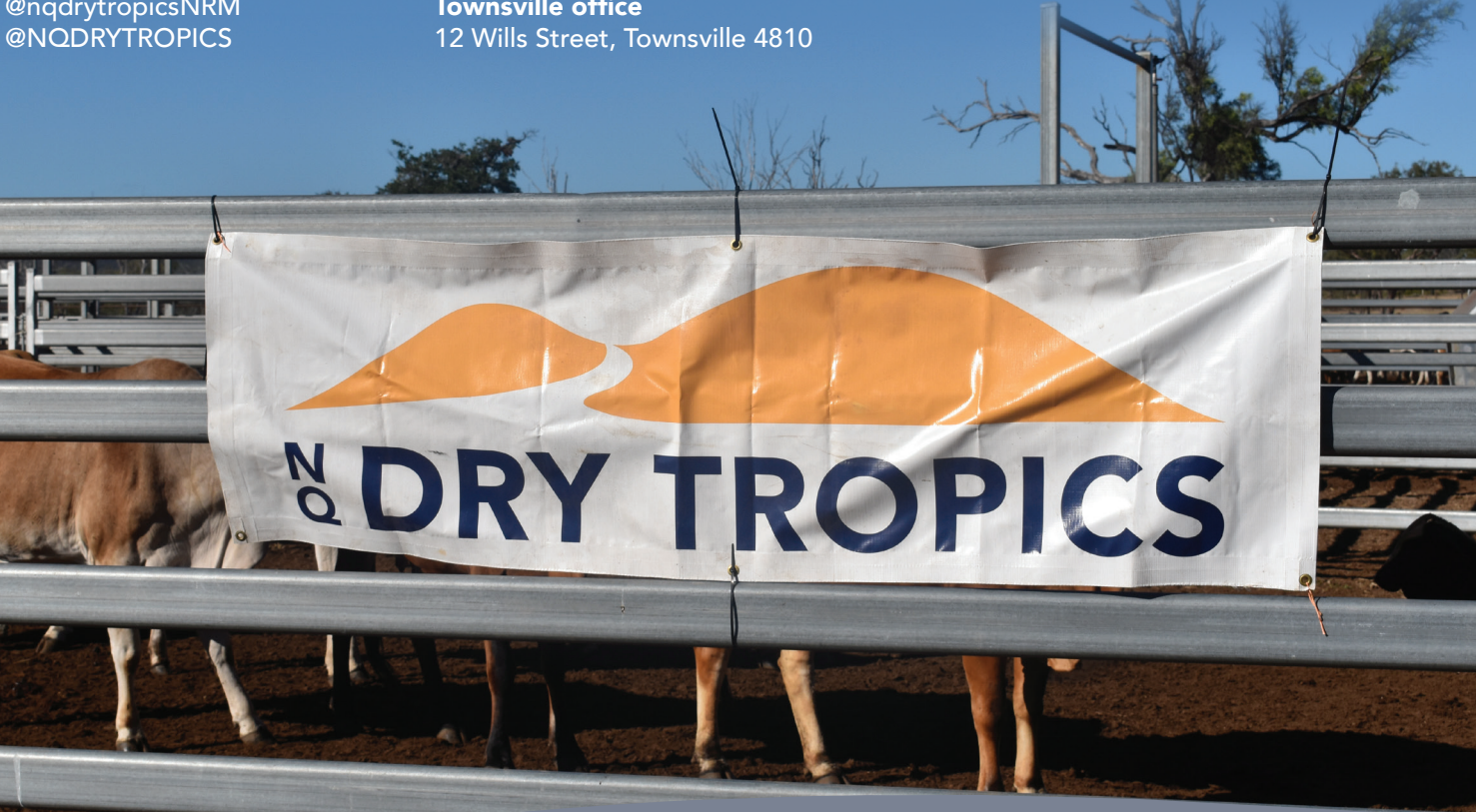
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LANDHOLDERS
DRIVING CHANGE
BURDEKIN MAJOR INTEGRATED PROJECT



LANDHOLDERS DRIVING CHANGE:
HALFWAY UPDATE (1 JULY 2017 - 30 JUNE 2019)
A VISUAL REPRESENTATION



Landholders Driving
Change is a Burdekin
Major Integrated project
funded by the Queensland
Government through the
Queensland Reef Water
Quality Program.



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IMPROVEMENTS IN LAND MANAGEMENT AND WATER QUALITY



40%

grazing properties with on ground water quality practice change contracts, all reporting to the Paddock to Reef Program (P2R)

22,309 ha

of management practice change that supports water quality outcomes

[For more information on P2R visit www.reefplan.qld.gov.au/tracking-progress/paddock-to-reef]

25%

of large grazing properties are involved in cluster groups or as demonstration sites

17 PROPERTIES

have gully works in design or in progress to reduce erosion and rehabilitate landscape

A gully cluster group of

4 PROPERTIES

working with experts, is addressing small-scale land remediation to reduce soil erosion

4

self-directed cluster groups, supported by extension staff, are sharing ideas and resources to improve productive landscapes, water quality, and stewardship

2

groups focussed on erosion control actions

2

groups focussed on grazing land management actions

11 EVENTS

a mix of information, education, training and field days

53%

of event attendees are landholders. Other attendees include industry, local government, scientists, utilities, mines and government agencies

14.1ha

LARGE SCALE GULLY SITE

is trialling rehabilitation techniques to identify cost effective, practical and replicable remediation approaches

100%

On ground works is using 100% local contractors and machinery

Funded the region's first

washdown facility in Collinsville to prevent the spread of weeds

25%

*large grazing properties are participating in the region's aerial pig shooting program

400km

of river frontage has been flown for aerial pest animal shooting

BUILDING KNOWLEDGE, ATTITUDES, SKILLS AND ASPIRATIONS

92

education, training and knowledge sharing events

870+

people attended events

67%

of *large grazing properties have attended LDC events

5,700+

hours of participants time attending events

18

large grazing properties undertaken tailored technical support to access specialised skills

Rolling out an integrated grazing management practice extension program, some of the activities include:

- Forage budgeting
- Soil testing
- Farm track maintenance
- Herd performance and pregnancy testing
- Property mapping
- Livestock nutrition
- Weed and feral animal management
- Succession planning

Community education, some of the activities include:

- Constructing erosion control banks
- Farm mapping and whole of property planning
- Landholder sub catchment meetings
- Low Stress Stock handling
- Biosecurity Pest Advisory Forum
- Pregnancy testing and herd management
- RCS Grazing Clinic
- Succession planning
- Pasture management and productivity

4

self-directed cluster groups, supported by extension staff, are sharing ideas and resources to improve productive landscapes, water quality, and stewardship

Developed a soil health assessment toolbox - a **RASH manual** and a series of **7 'how to' videos**.

Filmed an instruction video on 'how to construct erosion control banks' and an 'explainer' video for earthworks contractors and landholders



Community water monitoring group
9 properties, 1 on 1 training and information events with scientists, monitoring results reports to the Paddock to Reef Program (P2R).
[For more information on P2R visit www.reefplan.qld.gov.au/tracking-progress/paddock-to-reef]

LANDHOLDERS DRIVING CHANGE TIMELINE

MAY 2016

Great Barrier Reef Water Science Taskforce Report released

• Two Major Integrated Projects (MIPs) to be funded

JULY - DECEMBER 2016

NQ Dry Tropics completed tender to develop Burdekin MIP design phase

• Consortium of 18 organisations brought together to support design process

JANUARY-JUNE 2017

Landholder workshops held across BBB catchment with 80 per cent of all properties participating and providing input to the design

Design phase completed

Multi-stakeholder Project Panel established,

50% are graziers

OCTOBER 2017

Implementation Contract awarded to NQ Dry Tropics and partners

Burdekin MIP renamed locally Landholders Driving Change

LDC team established

FEBRUARY 2018

First water quality sample collected

MARCH 2018

First grazer supported community event - NQ Dry Tropics Biosecurity Pest Advisory Forum

JULY 2018

First on ground project started ~ Glenmore Station

AUGUST 2018

Integrated grader project started

SEPTEMBER 2018

First capacity building training for non graziers - Rural road/ track sediment control workshop

OCTOBER 2018

First gully works started ~ Mt Wickham Station

LDC - Whitsunday Regional Council washdown facility opened

FEBRUARY 2019

First policy roundtable held between landholders and government decision makers

MARCH 2019

Grazier support integrated program rolls out, to support a culture of stewardship that enables land managers to be effective custodians of the land

APRIL 2019

First grazer professional development and leadership group training session

JULY 2019

Halfway through implementation phase

All contracted milestones on target to date

JAN 2021

LDC project ends

COLLABORATIVE INTEGRATED DELIVERY



213 businesses engaged by the LDC, 76 of these (35%) are located within the BBB

11 LARGE GRAZING PROPERTIES

undertaking patchkey assessments annually to better understand land condition over time in response to practice change

44 COLLABORATIVE INFORMATION, COMMUNITY EVENTS

36 PARTNERS AND COLLABORATORS

28 patchkey sites monitoring land condition changes over time for historical and ongoing projects

9 properties involved with community water sampling program

103 water samples collected by landholders during the 2018-19 wet season

110 water samples collected to measure the effectiveness of gully remediation

Graziers represent 50% of the Project Panel, their role is to provide strategic and advisory oversight

A booklet, **LDC Community Water Quality Sampling 2018-19 Wet Season**, was produced in partnership with TropWATER, JCU [To read the report visit <http://ldc.nqdrytropics.com.au/resources-shed/>]

32 representatives from industry, local government, science organisations, utilities, mines and government agencies engaged with the project