

SLACKS CREEK CATCHMENT RESTORATION

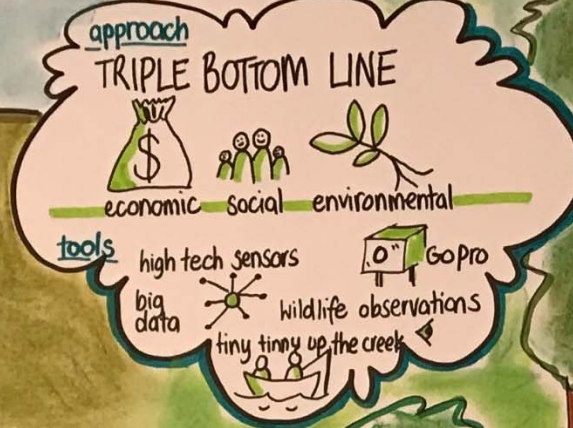
WHY?

Restore our degraded catchment

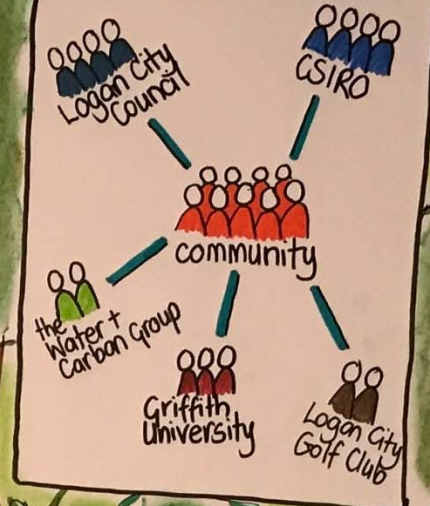
WHAT?

- Good baseline data
 - Observe change
 - Analyse data
- * Water quality * Mangrove health * Carbon+ methane

HOW?



WHO?



WHEN?

2013-2016

Healthy Waterways Local Government Partnership Award 2014

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NEW UNDERSTANDING



ACHIEVEMENTS

- 40,000 native plants
- 15,000 new trees
- 25ha revegetated
- 1km creekside planted
- 22ha rubbish cleared

- Planting days
- Rubbish clean ups

Real time water quality data

Wildlife reportings on website → real data!

36 students (6 high schools) trained → new Mangrove Watch Group

- 300 feed trees for Glossy Black Cockatoos
- Arboretum of 7,000 endangered trees + special species
- Habitat for Richmond Bird Wing Butterfly

Kids' Pest Fishing Day

RESEARCH SURPRISES!

- Creek catches rubbish: 6 places
 - Water temps >30°C!
 - After big rainfall
 - creek becomes freshwater
 - low oxygen events
 - potential acid sulphate issues
- health risks

SPREAD THE WORD!

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