

ROCKHAMPTON'S

# fitzroy food bowl

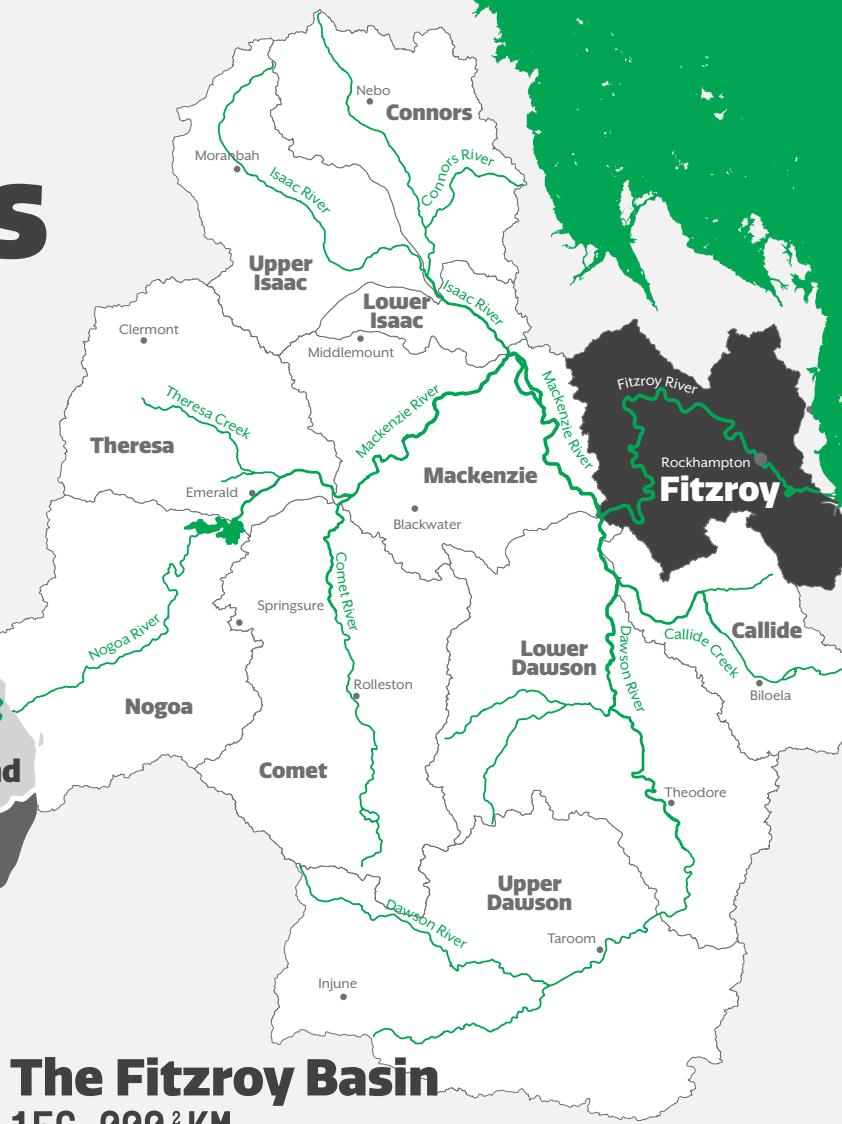
SECURE YOUR NEXT IRRIGATION DEVELOPMENT IN  
QUEENSLAND'S **MOST RELIABLE** AND **LARGEST**  
WATER CATCHMENT

A COLLABORATION



sunwater

# water for Australia's future



**The Fitzroy Basin**  
156,000<sup>2</sup> KM

## ROCKHAMPTON

Capital of Central Queensland



**260,000**  
Central Queensland population



**79.8%**  
Economic Growth 2011-2021



**\$5.71B**  
Diversified regional economy



**\$770M**  
agricultural and food manufacturing



**24HR**  
Access to our industrial precincts through developed supply chain infrastructure



**1HR**  
Flight to Brisbane from Rockhampton's internationally capable airport

## ROCKHAMPTON'S

# irrigation strengths



**45,000**  
Hectares of suitable land for irrigation



**165,000**  
Megalitres of supplemented water



**46,000**  
Megalitres of unsupplemented water

East Coast's  
**largest and  
most reliable**  
catchment



**260,000**  
Central Queensland  
population



**86,000**  
Rockhampton  
population

**5,900GL**  
(gigalitres) annual flow  
12 Sydney Harbours

a catchment  
more than  
**twice**  
the size of  
**Tasmania**



## WATER DEVELOPMENT

# enabling the food bowl

**THE FITZROY BASIN** is Australia's second largest water catchment after the Murray-Darling Basin. The Fitzroy Basin is a large, diverse and productive region stretching from the Great Dividing Range to the Great Barrier Reef and covers 156,000 square kilometres. The Fitzroy River is the largest river on the eastern seaboard with an estimated annual water discharge of 5,900 gigalitres.

Activity within the Basin contributes several billion dollars annually to the Australian economy. In the Fitzroy region, approximately 81% of the land area is used for Agriculture, of which 74% is used for grazing and 21% is utilised for broadacre cropping.

The Fitzroy Food Bowl is a key catchment within the Fitzroy Basin and includes the regional hub of Rockhampton, measuring 250km along the Fitzroy River with 45,000 hectares of suitable land for irrigation.

### NOW

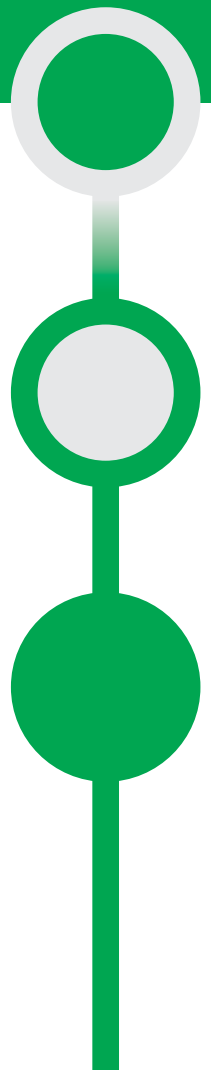
- Eden Bann Weir
- Fitzroy Barrage (Urban water)

### LATE 2023

- Rookwood Weir (72,000ML) construction completed

### FUTURE

- Raising of Eden Bann Weir (EIS Approved)





## FITZROY RIVER SUPPLY SCHEMES

Located in the Fitzroy Basin in Central Queensland.

The boundaries of the three supplemented water supply schemes cover a 250km section of the Fitzroy River, stretching from the confluence of the Mackenzie and Dawson Rivers all the way to the Fitzroy Barrage west of Rockhampton.

Rookwood and Eden Bann supply schemes are operated by SunWater, a Queensland Government-owned corporation.

The Fitzroy Barrage Water Supply Scheme is operated by Fitzroy River Water, a commercial business unit of Rockhampton Regional Council.

An unsupplemented water supply scheme is enabled when the river has a high flow event. The Department of Regional Development, Manufacturing and Water operate this scheme.

The corridor five kilometres either side of the river from Duinga to Rockhampton has more than 45,000 hectares of suitable land and soils for irrigated agriculture.

### ROOKWOOD WEIR

**86,000ML**  
[YIELD AT FULL SUPPLY]

**37,500ML**  
[AGRI ALLOCATION]

**\$1,500**  
[AVG ESTIMATED PRICE]

**84%**  
RELIABILITY

### FITZROY BARRAGE

**51,000ML**  
[YIELD AT FULL SUPPLY]

**11,610ML**  
[AGRI ALLOCATION]

**\$1,660**  
[AVG ESTIMATED PRICE]

**82%–88%**  
RELIABILITY

### EDEN BANN WEIR

**28,612ML**  
[YIELD AT FULL SUPPLY]

**3,101ML**  
[AGRI ALLOCATION]

**\$2,000**  
[BASED ON AVERAGE ESTIMATED PRICE FROM TRADES COMPLETED IN CENTRAL QUEENSLAND]

### EDEN BANN [RAISED]

**63,000ML**  
[YIELD AT FULL SUPPLY]

**31,500ML**  
[AGRI ALLOCATION]

**\$2,000**  
[BASED ON AVERAGE ESTIMATED PRICE FROM TRADES COMPLETED IN CENTRAL QUEENSLAND]

### UNSUPPLEMENTED

**46,000ML**  
[YIELD AT FULL SUPPLY]

**46,000ML**  
[AGRI ALLOCATION]

**\$358**  
[AVG ESTIMATED PRICE]

BASED ON SEASONAL FLOWS

*Increased access to highly reliable bulk water will unlock the underutilised and highly productive 45,000ha of land located along the Fitzroy River.*

## FITZROY FOOD BOWL

# agricultural opportunities

Currently, the Fitzroy Region produces 13% of Queensland's \$13B annual value of agricultural production focusing on beef, cropping and horticulture.

With the development of water infrastructure in the Fitzroy Food Bowl, the Rockhampton Region Economic Development Strategy has identified that irrigated agriculture alone has the potential to add an extra \$280M of annual value to local agricultural production.



### LYCHEE

**\$41.9M**

[DOMESTIC]

**\$10.25B**

[INTERNATIONAL]



### MACADAMIA

**\$321.41M**

[DOMESTIC]

**\$2.22B**

[INTERNATIONAL]



### AVOCADO

**\$363.81M**

[DOMESTIC]

**\$27.54B**

[INTERNATIONAL]



### MANGO

**\$217.91M**

[DOMESTIC]

**\$92.6B**

[INTERNATIONAL]



### MANDARIN

**\$333.51M**

[DOMESTIC]

**\$62.88B**

[INTERNATIONAL]



### COTTON

**\$1.8B**

[DOMESTIC]

**\$58.97B**

[INTERNATIONAL]



### GRAINS

**\$44.1M**

[DOMESTIC]

**\$2,035.3B**

[INTERNATIONAL]

Eden  
Bann  
Weir

GLENROY



CATTLE HERD

GARNANT

SOUTH  
YAAMBA

MORINISH

RIDGELANDS

GOODEDULLA  
NATIONAL PARK

# emerging agriculture

MORINISH SOUTH

Rookwood  
Weir



Rural  
Funds  
Management

2,500HA  
MACADAMIA  
ORCHARD



36,500 HEAD  
FEEDLOT



CENTRAL  
WESTERN  
LINE

GOGANGO



# building upon success

The completion of Rookwood Weir and the proposed future Eden Bann expansion will underpin increased high value agricultural production, including horticulture, and encourage value-added industries to consider the Fitzroy Food Bowl. The Fitzroy Food Bowl region presents a number of comparative advantages to other regions:



## DEVELOPED SUPPLY CHAINS

Access to established road, rail, sea and air export infrastructure. A number of established industrial areas such as the local Gracemere Industrial Area (GIA) – 100,000m<sup>2</sup>.

## FITZROY FOOD BOWL PROJECTS

As a result of these advantages the following developments are in progression:

- 1,000,000 Macadamia trees being planted
- An organic fertiliser factory being constructed
- Expansion of lychee orchards
- Expansion of pulse and legume cropping
- Spice cropping and spice seed banks
- 36,500 head cattle feedlot being constructed

## JBS

○ ABATTOIR

● TEYS  
EXPANDING RED MEAT PROCESSING

## AVAILABILITY OF RELIABLE WATER

Increased water infrastructure development with high and medium security water entitlements in an emerging region and market.

## STRATEGIC LOCATION

Proximity to domestic and export markets with connection to strong growth markets from the Rockhampton, Townsville and Brisbane transport links.

## SUPPORTIVE GOVERNMENT AND PARTNERS

Further agricultural and water development supported by partners, such as Advance Rockhampton, DAF, CRCNA, and others.

# INVESTMENT ENABLING MECHANISMS

## THE NORTHERN AUSTRALIA INFRASTRUCTURE FACILITY

Finance and equity investments

## DEPARTMENT OF FOREIGN AFFAIRS AND TRADE

International investment and trade

## ADVANCE QUEENSLAND

Grants and innovation advice

## QUEENSLAND RURAL INDUSTRY DEVELOPMENT AUTHORITY

Finance and grants

## ROCKHAMPTON MANUFACTURING HUB

Business development programs and grants

## ADVANCE ROCKHAMPTON

Lead Economic Development Agency for the Rockhampton Region. What can we do for you?

- Facilitate investment including access to relevant data holds such as GIS mapping
- Organising field trips to potential sites and bulk water assets
- Organise meetings with Council infrastructure planners
- Organise meetings with the Council owned Rockhampton Airport management to discuss airfreight logistics
- Organise pre-lodgement meetings with Council's planning departments
- Organise direct contact with Sunwater and Fitzroy River Water
- Organise contact with relevant State Government agencies
- Organise contact with employment agencies



Speak to Wade and the Advance Rockhampton team  
**+61 7 4936 8282** | [wade.clark@rrc.qld.gov.au](mailto:wade.clark@rrc.qld.gov.au)  
[advancerockhampton.com.au](http://advancerockhampton.com.au)  
[advancerockhampton@rrc.qld.gov.au](mailto:advancerockhampton@rrc.qld.gov.au)

## DEPARTMENT OF PRIMARY INDUSTRIES



Speak to Tim Harrison  
Manager, Agribusiness Development (Central Region)  
**13 25 23** | [timothy.harrison@daf.qld.gov.au](mailto:timothy.harrison@daf.qld.gov.au)

## COOPERATIVE RESEARCH CENTRE FOR NORTHERN AUSTRALIA



Speak to Anthony Curro  
Chief Executive Strategy and Engagement  
**+61 7 4426 2803** | [a.curro@crcna.com.au](mailto:a.curro@crcna.com.au)

next steps