Kyogle Presentation

Strategic + Action to enhance economic development and community prosperity.

Positioning Kyogle regionally, nationally and internationally.

Key drivers affecting its future economic development.

Mark Courtney



Kyogle Council

Economic Development

- Aims to encourage the development range of industries
- Giving preference to high employment generators
- As well as, to provide a wide economic base for the Council Area by promoting and proving appropriate zoning

Development information

Council must find a balance between protecting:

- Environment
- Growing and supporting a robust local economy
- Minimising land use conflicts and providing the community with affordable effective services and infrastructure



Kyogle Council

Kyogle Vision

Kyogle Council and its community have jointly developed a vision representative of the ideals, aspirations and values of the local government area going forward.

The Community Vision

Working together to balance:

- Environment
- Lifestyle
- Opportunity



Kyogle Council

Council's Mission is:

To meet the challenges of our unique and diverse region

Council's Values are:

- Respect and respond to community needs
- Improve the quality of our services
- Be open and accessible
- Act with honesty and integrity
- Value people's contribution
- Support the culture of teamwork, cooperation and safety



People

Estimation Resident Population

- Figure 1 details the Kyogle Resident Population Estimation for the period of 2010 to 2014.
- Figure 1 shows the increasing elderly population in Kyogle that is evident.
- It also details the decreasing resident population in the 0 to 54 years age bracket.

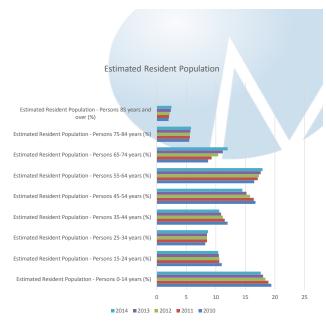


Figure 1: ABS 2014



Health and Aging

- Population growth within the Kyogle LGA is expected to be low over the next 20 years.
 However, an aging population with fewer younger people may present a challenge in the future
- The expected decline in the working age cohort to 2031 will limit workforce growth in the future. This is anticipated to occur during a period when demand for health and localised service provision is set to rise rapidly (due to an increase in 65+)
- The LGA's aged population is likely to generate additional demand for medical services in coming years, most of which could be accommodated by home care or retirement/aged care facilities

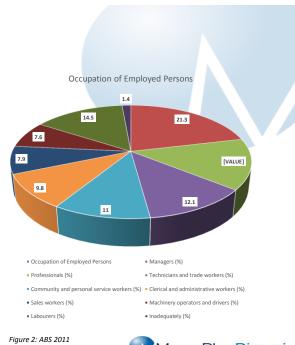




People

Occupation of employed persons

- Figure 2 details the Occupation of employed persons throughout Kyogle.
- A large percentage of the employed persons in Kyogle are Management positions followed by Professionals and Labourers.





Economy

Businesses Entries and Exists

- Figure 4 shows the data results regarding Business Entries and Exists in Kyogle through 2012-2014.
- The data shows a decreasing number of business exits and stable business entries.

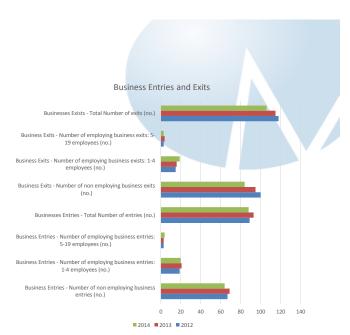


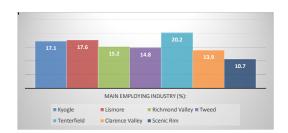
Figure 4: ABS 2014



Industry

Employed by Industry

- Figure 5 shows the Employed by Industry statistics from Kyogle data.
- The data shows Agriculture, Forestry and Fishing, as well as, Health Care and Social Assistance as the highest percentage for employment.



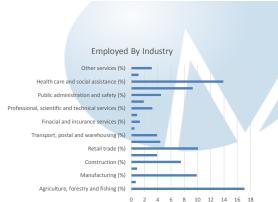


Figure 5: ABS 2011

	Health Care and
Lismore	Social Assistance
	Agriculture,
	forestry and
Kyogle	fishing
Richmond Valley	Manufacturing
	Health Care and
Tweed	Social Assistance
	Agriculture,
	forestry and
Tenterfield	fishing
	Health Care and
Clarence Valley	Social Assistance
	Health Care and
Scenic Rim	Social Assistance



Employment

Trends

- As of 2011, the Kyogle LGA supported 2,548 jobs, representing 1.4% of total jobs in the North Coast
- The four largest employing industries are Agriculture, Forestry and Fishing (17.1%), Education and Training (9.3%), Retail Trade (10.1%) and Health Care and Social Assistance (13.9%)
- It is estimated over one-third of working residents leave Kyogle LGA for work, as reflected in a job containment rate (60.3%)
- Employment in Manufacturing expanded by 63 jobs in the Kyogle LGA over the five years to 2011, which is quite different to the broader North Coast experience.

Projections

- Following 71 job losses over the 2006 and 2011 period, the Kyogle LGA workforce is expected to expand by an additional 135 jobs over the forecast period (i.e. 2011 to 2031)
- Employment is expected to rise by 41 jobs over the decade to 2021. As at 2021, the Kyogle LGA is projected to entail 2,589 jobs.
- By 2031, employment in the LGA is expected to increase to 2,683, representing 94 job additions over the 2021 and 2031 period.
- At an average increase of 7 jobs per annum, this projected rate of employment is above that observed between 2006 and 2011 (average of -14 jobs per annum).
- By Industry, employment growth is expected to be most pronounced within Health Care and Social Assistance (+30), Education and Training (+29) and Retail Trade (+17). Notably, new employment is also expected in the manufacturing industry (+6).
- Outright job reductions are predicted for four industries albeit minor in number
- Notably, the employment in 17 industries is expected to change by 20 or less jobs over the forecast period.



Regional Context

Industry and Employment

- 180,000 local jobs in the North Coast Region in 2011, representing 18% of the Regional New South Wales total
- The service sector is both the major employer and the largest contributor to GRP in the region
- The strong growth in Retail Trade and Arts and Recreation services also highlights the value and growth potential of the visitor economy
- In 2011, 44,000 people were employed in these sectors which represented 24% of total employment in the region
- Manufacturing is dominated by food, metal, transport and timber products, with food product manufacturing contributing over half of the industry's revenue

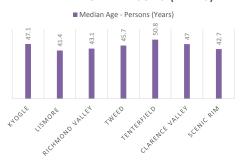
- Along with Health and Care and Social Assistance, Manufacturing and Tourism, a number of smaller sectors also support the regions economic resilience and agility
- These include Education and Training, Public Administration and Safety, and Construction, which all contribute between 6% and 8% of GRP

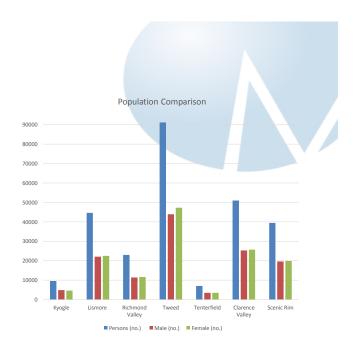


People

Regional Context

MEDIAN AGE - PERSONS (YEARS)







Regional Context

Drivers and Opportunities

- The North Coast economic ties and access and proximity to nearby markets provide many opportunities
- The North Coast is serviced by six regional airports at Ballina, Coffs Harbour, Grafton, Lismore, Port Macquarie and Taree.
- The economic diversity in the region is another advantage





Pathways for Housing, Tourism, Food, Agri-Business, Lifestyle, Adventure and Transport – Grants Approach

Building Better Regions Fund

- On 23rd November 2016, the Australian Government announced the release of the program guidelines for the new Building Better Regions Fund (BBRF)
- The \$297.7 million Building Better Regions Fund supports the Australian Government's commitment to create jobs, drive economic growth and build stronger regional communities into the future
- The program will run over four years from 2016-17 to 2019-20
- The program will fund projects in regional Australia outside the major capital cities of Sydney, Melbourne, Brisbane, Perth, Adelaide, and Canberra

- Create Jobs
- Have a positive impact on economic activity, including indigenous economic participation through employment and supplier-use outcomes
- Enhance community facilities
- Enhance leadership capacity
- Encourage community cohesion and sense of identity



Building Better Regions Fund Streams

Infrastructure Projects Stream

- Open 18th January 2017
- Stream closed at 5pm local time on 28th February 2017
- Infrastructure Projects Stream which will invest in construction projects, both for new builds and the upgrade of existing infrastructure

Community Investments Stream

- Open 18th January 2017
- Stream closes at 5pm local time on 31st March 2017
- Community Investment Stream will allow applicants to demonstrate how their project will make their town a more attractive place to live and how it can improve community connection



South-East Queensland Regional Plan: Global

- SEQ has a strong relationship with surrounding regions and through its export orientation, liveability, biodiversity corridors and transport networks – the rest of Australia and the world.
- Major land, air and sea freight and passenger routes begin or end in SEQ, providing direct access to major interstate and global markets
- SEQ's gateway to international trade, Port of Brisbane is one of Australia's largest and its northernmost capital city port, and has significant growth potential.
- Its proximity to major overseas trading partners strengthens the regions productive capabilities and provides access to a growing global market for local produce, manufactured goods and other regional commodities

- SEQ is also accesses the world stage via Four majors airports that include Brisbane, Gold Coast, Sunshine Coast and Toowoomba, which includes international connections.
- These airports further enhance SEQ's trade and logistic capabilities, enables migration and give international travellers access to SEQ's diver and world-renowned tourism destinations.
- In coming years, SEQ will build on its historical strengths to be able to adapt innovatively to a fast-changing international economy and contributes significantly to the growing Asia-Pacific region



South-East Queensland Regional Plan: National; Regional

National

- SEQ's important relationship with the rest of Australia arises from strong economic foundations, its desirable climate, and high levels of liveability and opportunity:
 - Over the past 10 years, 20% of Australia's economic and employed growth has occurred in SEQ.
 - SEQ contributes to 17.4 per cent of Australia's tourism gross domestic product.
 - SEQ is one of Australia's premium food bowls.
 - SEQ's unique environment, climate and liveability are all key to our status as Australia's most biodiverse and only subtropical capital city region.
 - Transport connections including the National Highway and the interstate rail network including the proposed inland rail.

Northern New South Wales

- Coastal and inland interstate connections facilitating a strong tourism network between the southeastern coast of Queensland and northern New South Wales
- Local agriculture production with access to SEQ markets
- Hinterland and coastal lifestyle opportunities with access to SEQ markets and world-class environmental reserves



Queensland's Economic Transition

- Recently Queensland's growth has been underpinned by the energy and resources investment boom, which is now over. Drag on growth from mining expenditure downturn is reducing, while exports are supporting growth.
- QLD is **moving into a services sector era** unlike any in our history.
- This will result in **structural change** that will require **different methodologies for understanding and forecasting jobs and economic growth**.
- The future employment will have implications for how we live, work and amuse ourselves.



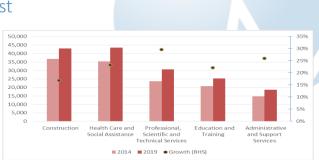
Jobs – SEQ's Key Economic Driver

- Globalisation, international trade, technology, wealth and demographics are driving growth and change in the service sector:
 - Household services
 - Business services
 - Key growth industries for SEQ over the next five years health care and social assistance; professional, scientific and technical services; education and training; accommodation and food services; and construction.
- Impacts on property
 - New and different formats for workspace and residential formats



Employment Forecasts - Gold Coast

- For Gold Coast the largest growth will be in the following industries:
 - Construction 6,227 jobs
 - Health Care and Social Assistance 8,195 jobs
 - **Professionals, Scientific and Technical Services** 7,018 jobs
 - **Education and Training** 4,581 jobs
 - Administrative and Support Services 3,828 jobs
- Across the Gold Coast LGA, it forecast that there will be approx. an additional 45,000 jobs (2014 to 2019) by November 2019. The majority of these jobs will be across the 5 categories above, as well as Accommodation and Food Services industry with an additional increase of 14.5% or 3,592 jobs
- Solid economic growth with employment deepening and broadening



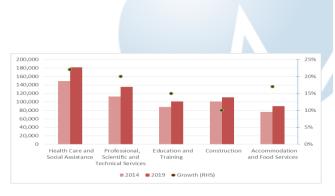


Commonwealth Games Village 2018



Employment Forecasts – Brisbane

- For Brisbane, the largest growth will be in the following industries:
 - Health Care and Social Assistance 32,150 jobs
 - Professionals, Scientific and Technical Services 22,791 jobs
 - Education and Training 13,324 jobs (undercooked)
 - Construction 10,222 jobs
- Across Brisbane, it forecast that there will be approx. an additional 128,000 jobs (2014 to 2019) by November 2019. The majority of these jobs will be across the 5 categories above
- Evolving into a network of CBD, fringe and suburban employment hubs.







Proposed Brisbane Metro

Queens Wharf



Major Projects/infrastructure

Sunshine Coast

- Sunshine Coast Airport Expansion (A\$347 million, due to be completed in2020), generates 1,538 operational jobs once completed
- Maroochydore CBD (Anticipated Gross Land Value: A\$375 million, development and investment opportunities offered over the next 20 years), projected to create 10,000 jobs for the region
- Light Rail Extension (A\$2 billion, first stage completed in 2020)
- Public University Hospital (A\$1.8 billion, opens in late 2016), generates 1,500 jobs, has capacity for expansion



Ipswich

- Another CBD in the form of Springfield (\$85 billion investment
- GE Headquarters (\$72 million office complex).
- QLD Rail: Springfield and Springfield Central station
- Amberley (ADF) and Ebenezer (industrial)





Moreton Bay

- University Precinct for University of Sunshine Coast, cater for 10,000 students within the first 10 years (from 2020), generates approximately 1,000 jobs
- University Hospital
- Moreton Bay Rail Link: 12 km, completion expected by the end of 2016

Logan

- Logan Hospital expansion, \$145 million
- Hubs for Cultural Services and Activities
- Wembley Road and Logan Motorway Interchange with 3,000 industry jobs
- Widen 16 km Pacific Motorway through City of Logan
- South East Busway Extension
- Upgrade of Mt Lindesay highway



Major Projects/infrastructure

Brisbane

- Queen Wharf Precinct: Priority Development Area (PDA), 3,000 jobs during construction and 8,000 ongoing jobs
- 1 William Street (1,000 in construction)
- Brisbane Airport Corporation with its new development plan for new Brisbane Charter Terminal, generates 5,000 additional full-time jobs (investment phase), by 2034, 5,200 full-time equivalent jobs
- \$1.54 billion Brisbane Metro (Light Rail), built over six years for a 100 year life



Gold Coast Light Rail



Queens Wharf Precing

Gold Coast

- 2018 Commonwealth Games (\$41 million Gold Coast Aquatic Centre, \$114 million upgrade to the Carrara Sports Precinct, \$40 million Coomera Sports and Leisure Centre construction)
- Gold Coast CBD (Southport): attracting an additional workforce of 24,857 people (Construction kicks off in 2014)
- Health and Knowledge Precinct (Gold Coast University Hospital, Griffith University): potential for over 11,000 jobs; commence greenfield development in early 2019
- Light Rail: 13 km, \$1.6 billion



Growth Pathways

Brisbane West Wellcamp

- The 300-hectare airport, with its 2.87km runway and 8000 square metre terminal
- The airport is rated at Code E, and can handle aircraft up to the size and weight of B747-400 and B747-8 models. The airport is estimated to have a catchment area pf 344,000 people.
- 30th busiest regional airport in Australia.
- The airport will be able to cater for Boeing 747s, although planes of that size are unlikely to be regular visitors to Toowoomba.
- 2015 had 62,050 Domestic passengers and 2,085 Aircraft movements.
- Cathay Pacific Cargo is the only cargo airline with a single destination of Hong Kong.



Airlines •	Destinations
QantasLink operated by Eastern Australia Airlines	Sydney
Airnorth	Cairns, Melbourne, Townsville ⁽²⁵⁾
Regional Express Airlines	Bedourie, Birdsville, Boulia, Brisbane, Charleville, Cunnamulla, Mount Isa, Quilpie, St George, Thargomindah, Windorah

Figure 6: A Cathay Pacific freight plane from Hong Kong marks the first international flight to arrive at Toowoomba's new airport. Source: Sydney Morning Herald



Growth Pathways

Queens Wharf

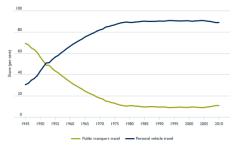
- \$3 billion Queensland project is a multi-billion-dollar investment will provide massive economic development opportunities for Queensland with the creation of more than 2,000 jobs during constructions and 8,000 on going jobs
- Stimulate broad investment and economic development in the long-term future of Brisbane as a New World City, focusing on tourism and construction
- Become an internationally-recognised precinct with world class sustainable urban design and architecture that establishes urban design and architecture that establishes a clear identity that is uniquely Brisbane





Destructive Cities

Haratsis (2016) in Destructive Cities has described the geographic impacts of digital technology. The new geography of the first phase of servicisation has not been researched or understood in an Australian context. The second new geography will be driven by interconnectedness and robotisation. The timing of the first (disruptive technology) and second (transformative technology) phases should drive thinking about future settlement patterns and urban structures.



Source: BITRE, 2013

The Internet of Things (IoT) involves Machine to Machine (M2M) communication, cutting out the human literal 'middle-man' element. According to a McKinsey Global Institute paper (2010), IoT and M2M have the potential to expand the global economy by \$11.1 trillion by 2025. Given that the current value of the global economy is estimated to be approximately \$80 trillion (nominal), the IoT has the potential to increase this value by 10% in less than 10 years.

Autonomous vehicles (AV) refer to automobiles that are powered by autonomous technologies and are capable of operating without human control. While it may sound implausible, the technology is close to fruition, with the commercial release of partially autonomous vehicles already happening, and fully automated vehicles being commercially produced by 2020



Globalisation

- Queensland's global opportunity will be driven by Asian population and economic growth.
- Significant opportunities from demand for Qld education and tourism subject to competitive price points
- The globalisation of services is a key driver of structural change in the Australian economy and Australian city building is a key to Australia's services sector competitiveness.
- QLD examples gathering pace of offshore accountancy, legal, financial professionals and technicians in India, China, Malaysia.



Digital Trade

- Digital trade i.e. domestic commerce and international trade conducted on the internet has already had far reaching effects on global economies and city shapes in Australia (e.g. Bitcoin)
- It has fundamentally transformed many aspects of the way businesses operate and interact with each other. This includes:
 - Lowering barriers to market entry for small and medium size enterprises (SME's)
 - Increasing production efficiency. For example in the services sector the way ideas are recorded, developed and replicated.
 - Blockchain and Bitcoin by passing financial intermediaries "Blockchain will revolutionise the world" (Blythe Masters: economist and former executive at JPMorgan Chase; Paul Brody: former IBM executive and EY strategy leader for the technology sector)
- Other example includes
 - Distribution of services via 'on demand' technologies (e.g. movies via Netflix or Hulu)
 - Creation of major new services e.g. Online gaming, which is now a bigger industry than the film industry



Technology & Information and Communication Technology

- The fast-changing dynamics and location preferences for employees will be driven by information technology and new growth industries (e.g. health, finance, retail, tourism, education)
- This works in concert with emerging household characteristics (such as growth in single person households, remote and mobile workers, rapid increases in the workforce participation rate of the 65+ age group, increased job churn in two person households).



Population: Fast Growth Implications

- By 2031, South East Asia will accommodate a 1.7 billion person middle class, an increase of 1.2 billion persons.
- Australia demographics to drive household services sector into the 2030's
- Real gross national income per person will increase by 32% (2014 to 2034)
- Real expenditure per person on health will increase by 25% (2014 to 2034)
- Real expenditure on aged care per person will increase by 44% (2014 to 2034)
- Real consumption directed to services will increase in terms of percentage share
- Nationally, we just hit 24 million population increased life expectancy, immigration and a spike in birth rate. 17 years earlier than previous forecasts predicted.
- QLD Demographics
 - The population will increase by 2.4 million people **(50.2%)** from 4.7 million in 2014 to **7.1 million in 2036**
 - Household formation and dwelling numbers will increase by 65.2% from 1.8 million in 2011 to 2.9 million in 2036



Examples of smart tech by Australian councils

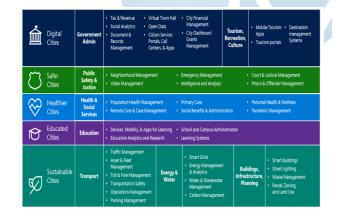
- Adelaide WiFi network basis for innovation hub
- Ballarat Smart Waste Management
- Brisbane Digital Brisbane
- Canberra –smart parking
- Kangaroo Island Council creates broadband competition
- NSW Drones as building inspectors
- NSW Smart Work Hubs

- Perth investigates free WiFi for public transport
- Queensland Smart water infrastructure
- SE Queensland Smart streetlights (and more)
- South Australia Drones to monitor the dingo fence
- Sunshine Coast leading the smart city movement



Use of Smart technologies (ICT)

- The Sunshine Coast Council in Queensland has started implementing its Smart City Framework in a bid to make it easier to live work and do business in the region
- Mayor Mark Jamieson said the \$1.6 million threeyear program would deliver tangible smart technologies and infrastructure to the region
- "Ultimately the Smart City Implementation Program is an investment in the future of the Sunshine Coast and will benefit residents community in their dayto-day lives"
- Economic Development and Innovation Portfolio Cr Steve Robinson said the unique business intelligence data captured through the new technologies would also help council provide services where they are needed most
- "It will create revenue opportunities that allow for additional activities and in turn, more benefits to the ratepayer" – Cr Robsinson





Kyogle – Event based Tourism

Examples of rurual/regional events of significance:

- CRT Farmfest Toowoomba
 - 60,000 visitors over three days plus exhibitors most from outside Toowoomba
 - Distance travelled to attend FarmFest:
 - □ 1-100km = 44%
 - □ 101-200kms = 35%
 - □ 201-300kms = 10%
 - □ 301-400kms = 3%
 - □ 401kms + = 8%
- Farm Fantastic Caboolture (Hobby farmer skew)
 - 15,368 visitors plus 285 exhibitors over 3 days

- Gympie Music Muster
 - 23,000 visitors over 4 days
- Splendour in the Grass Byron
 - 27,500 visitors
- Kennards Rally Australia (car rally) Coffs Harbour
 - 57,131 event day attendance in 2016 and massive media exposure.
 - More than 200 media representatives from around the world attend the rally.
 - In 2016, broadcast dedicated TV coverage totalled more than 787 hours in more than 150 markets.
 - WRC attracted 3.8 million visitors to its 13 rounds, including Rally Australia, in 2015. Its Facebook page has more than two million followers.
 - Interest spread throughout all areas of Australia, but spikes of interest in regional Queensland and NSW.



Event Photos



Kennards Rally Australia



Splendour in the Grass Byron



CRT Farmfest Toowoomba



Gympie Music Muster



Farm Fantastic Caboolture



Leisure Tourism

- Essential that Kyogle markets itself to SEQ audience.
- Must engage with shows like Great South East (now Great Day Out).
- Note that Tourism QLD sponsors these shows and insists they do not cover anything across the horder
- Kyogle or Northern Rivers region needs to wave a cheque under the producers nose to remove this exclusion of product from reaching attention of SEQ leisure travellers.



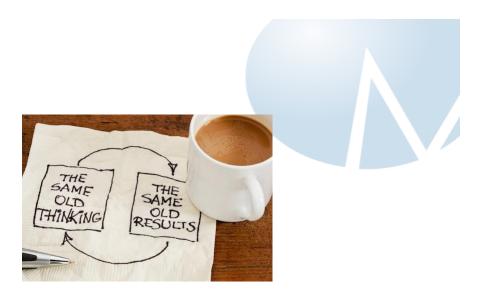


Agribusiness Opportunities

- Place of origin food branding –
 'clean/green/organic' beef, lamb, poultry, fruit,
 vegetables 130 kilometres from a major capital.
 - An example is Daylesford Victoria
 - Bowral NSW (Bowral's Tulip Festival attracts 38,000 people over 13 days)
 - Mildura Victoria
 - Bellingen NSW
- Food packaging/production opportunities can spin off a solid destination of food/primary production for the Kyogle region.











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