

Kangaroo Flat Community Plan

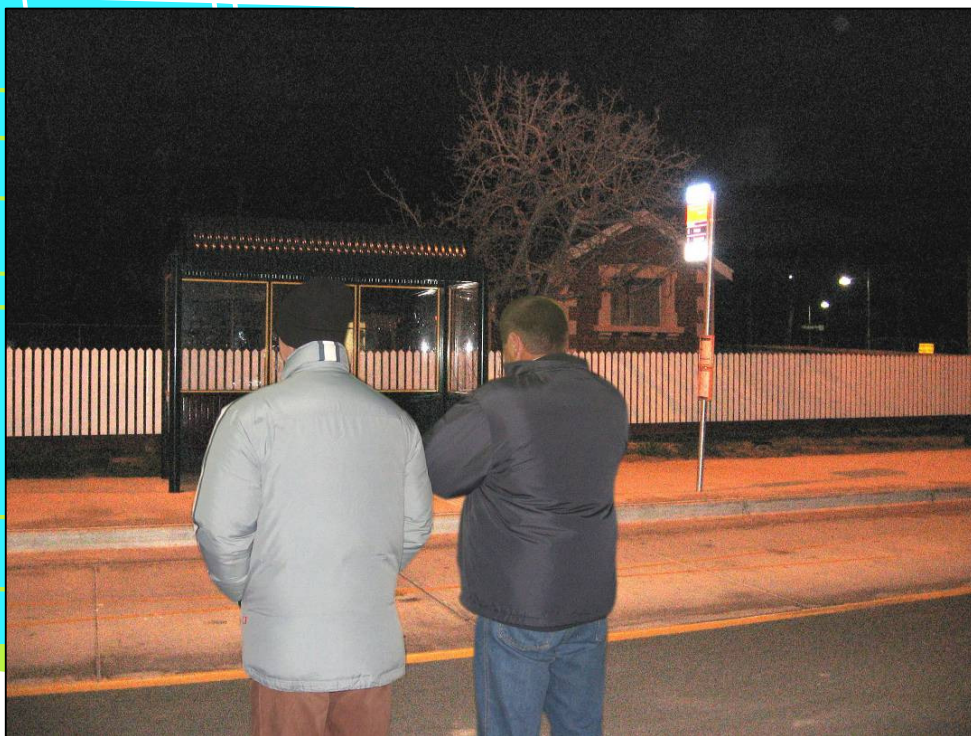


Continue to make Kangaroo Flat into a Fantastic Place to

LIVE, WORK and PLAY

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1. Welcome

Community members are best placed to plan for the future of their own communities. Identifying a vision, then planning for actions to realise the vision is a great mechanism to develop partnerships and gain support from key stakeholders to bring that vision to life.

2. Background to the Kangaroo Flat Community Plan

The development of the Kangaroo Flat Community Plan continues the commitment for small townships and local communities to establish a future vision for their local areas. The Community Plan has been prepared by the Kangaroo Flat Community Enterprise after extensive consultation with the community and focuses on the community infrastructure, development and social needs to keep pace with the current and future demands of a growing, diverse and developing area.



3. Vision

Continue to make Kangaroo Flat into a fantastic place to

LIVE, WORK and PLAY

4. History of Kangaroo Flat

Prior to the gold rush the Bendigo district was part of a large station, “the Ravenswood Run.” The discovery of very significant gold deposits in the 1850’s resulted in a huge influx of people to the region.

Bendigo and several satellite towns including Kangaroo Flat, Eaglehawk and White Hills sprung up essentially as tent cities. These later gave way to more permanent structures and the current street layout was essentially established by the 1880’s.

The population of Kangaroo Flat decreased along with the region as the gold rush receded, although the town has always maintained its own cultural heritage and identity.

Of historical note, Kangaroo Flat is home to the Crusoe Reservoir which was built during the gold rush to provide water to the gold fields of the area.

Kangaroo Flat has had a resurgence with the population increasing dramatically over the last decade. Significant housing development occurred with this increased population and commercial, industrial, retail and services were established to service the needs of the Kangaroo Flat Community.



On the commercial front there is the Kangaroo Flat shopping strip in High Street which includes numerous specialty shops, banks and hotels. A well established Centro Lansell Shopping Centre which began operations in 1979 and has since grown to provide 55 specialty stores within the complex. In addition there is the nearby Bunnings Warehouse, the Harvey Norman complex and the recently established Rocklea Homemakers Centre, along with a wide range of commercial and industrial areas which offer employment to many.

The local railway station has now re-emerged as a hub for the region with the introduction 12 months ago of the V/Line train service using the historic railway precinct, enabling local residents to commute to Melbourne.



The health and wellbeing of the community is well catered for with various parks, a swimming pool, recreation pursuits, playground and cycling and walking tracks. One of the landmarks for the local community has been the Dower Park Recreation Reserve which houses facilities for football, cricket, netball, bowls and swimming.

With the significant growth of the Kangaroo Flat region there has also been the establishment of numerous schools in the area, and today Kangaroo Flat can boast a Secondary College, 2 primary schools, a special development school as well as an independent school.

From its humble beginnings Kangaroo Flat has become a southern gateway to Greater Bendigo with its vibrant retail, sport and education precincts.

5. Aim of this Process

The aim of this document is to provide the whole community the opportunity to participate and share in the development and ownership of a vision for the future of Kangaroo Flat.

The Community Plan represents the future needs and wishes established through workshops and wide consultation.

The survey information and community feedback from the workshops were collated and clustered into the following themes:

1. Community Resilience - improving the access to health and wellbeing in the community.
2. Education and Training - harnessing the diverse but significant education facilities within the community.
3. Sport and Recreation - enhancing, upgrading and developing a blueprint for future needs.
4. Shopping and Retail - revitalising and expanding retailing facilities.
5. Transport and Movement - improving access for all the community.
6. Township Appearance and Structure - creating a visual sense of place.
7. Natural Environment - harnessing and enhancing the natural bush setting.
8. Sustainability, Water and Climate Change - promoting more responsible and innovative use of our natural resources.

These themes will provide the key considerations of how Kangaroo Flat will grow and develop.

The Kangaroo Flat Community Enterprise (KFCE), which has established partnerships with Bendigo Bank (BB) and the Bendigo Community Telco (BCT), will generate a revenue stream that is channelled back into local community projects and infrastructure.

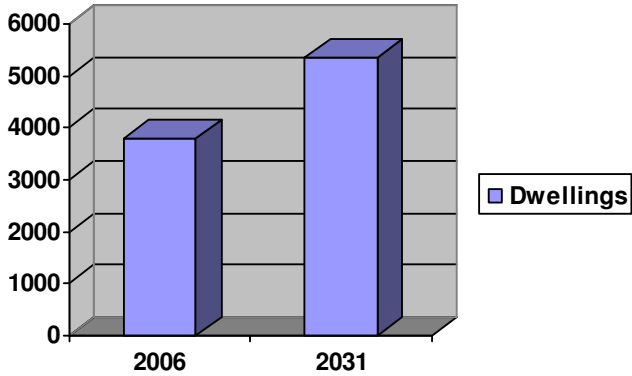
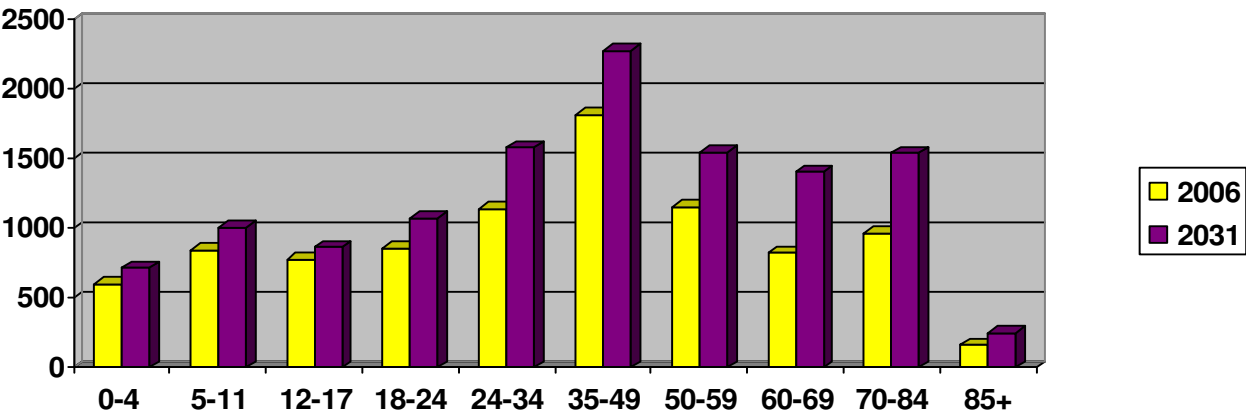
The Kangaroo Flat Community Enterprise will provide the on-going governance to progress the initiatives of the Kangaroo Flat Community Plan and will call upon community members to take part on sub-committees to progress the initiatives.

The Kangaroo Flat Community Plan will be governed by the KFCE through sub-committees and the plan will be continually updated and reviewed every 2 years by the Kangaroo Flat community to ensure on-going relevance.

We have an outstanding number of volunteers in Kangaroo Flat and together we can make this plan become a reality.

6. Demographic Profile

Demographic Profile of Kangaroo Flat in 2006 (more detailed Demographics are in Appendix I).



7. Identifying Priority Actions:

- Survey/Workshops - A survey of both residents and students was conducted as well as two community workshops to gain feedback from locals about their aspirations and ideas for the future development of Kangaroo Flat.
- Priority Identification - The Kangaroo Flat Community Enterprise Group used the community workshop feedback to identify the top priorities.

We have in our community a diverse, but currently not perfectly connected, number of precincts:

- Education
- Retail
- Employment
- Transport

Any **Community Plan** must take into consideration the different needs of each precinct and the substantial benefit and leverage arising from the interconnectivity of each precinct.

While the Action Plan has been prepared to deal with many of the community's aspirations and ideas it became obvious that there is a need to consider the interconnectedness of all the precincts and how they relate to and rely on each other and the community. Kangaroo Flat also has a large day time population - students attending school, people working but not necessarily living in Kangaroo Flat and also the people using the diverse and wide commercial, industrial and retail areas.

The KFCE recognised that while these precincts have very important roles and functions to play they cannot and should not function independently. The KFCE recognises that to promote and encourage the diversity of Kangaroo Flat and seek to accommodate the aspirations of the community; a master plan needs to be developed for Kangaroo Flat.

To address the aspiration and wishes of the Community Plan a **Master Plan** needs to be prepared considering the following:

- identify current and future sport and recreation needs, including their appropriate location, maintenance and potential future development;
- integrate the existing, new and future education sporting facilities; and
- relevant goals and actions in the Community Plan.

8. Themes, Goals and Actions:

The Themes, Goals and Actions have been collated from a community workshop meeting held in July 2009. The following Tables outline the Goals and Actions within each of the 8 broad themes:

8.1 Community Resilience

GOAL 1: Improve Community Pride		
ACTION	TIMELINE	PARTNERS
The KFCE to support by providing resources and support to the community by developing and implementing the Recreation Masterplan.	Short Term	CoGB Local Traders
The KFCE continue the community grants scheme.	Ongoing	KFCE Local Traders Sporting Clubs Service Clubs Schools
Initiate the establishment of a Kangaroo Flat Festival and other community celebratory events.	Short to Medium Term	CoGB KFCE Local Traders Sporting Clubs Service Clubs Schools Central Victoria Youth Directions Bendigo Community Health Services (BCHS)
Ensure that 'Flat Matters' Community Newsletter continues to be a vital community link.	Ongoing	Business Group KFCE Local traders



GOAL 2: Improve access to Medical Services		
ACTION	TIMELINE	PARTNERS
Map current health and medical services.	Medium	KFCE CoGB BCHS Local Medical Services Bendigo Loddon Primary Care Partnerships
Investigate the possibility of a 24/7 primary care service by engaging and negotiating with current service providers	Long term	

Seek to restore the Ambulance services to Kangaroo Flat.	Short	KFCE Ambulance Victoria
Improve access and awareness of Counselling and Alcohol, Tobacco and other drugs (ATODS) services.	Medium	KFCE CoGB BCHS Local Medical Services

GOAL 3: Improve access to Police & Security

ACTION	TIMELINE	PARTNERS
Work with the Police to establish local Police presence.	Short to Medium Term	CoGB Vic Police KFCE Bendigo Safe Community Forum

GOAL 4: Provide Community, Arts & Cultural Experiences

ACTION	TIMELINE	PARTNERS
Redevelop the JB Osborne Theatre as the local performing arts centre.	Medium to Long Term	CoGB KFCE DPCD Crusoe College DEECD Bendigo Youth Arts Network
Improve visual amenity: - by cleaning up litter, creeks and waterways; and - by the use of public art.	Medium Term	CoGB DSE

GOAL 5: Develop appropriate land use

ACTION	TIMELINE	PARTNERS
As part of the Masterplan project Investigate more appropriate site for Dower Park Caravan Park.	Medium to Long Term	CoGB KFCE DPCD DHS LMHS DSE Dower Park Reserve Committee of Management

GOAL 6: Youth recreation and entertainment opportunities

ACTION	TIMELINE	PARTNERS
Establish a Youth Space, investigate entertainment & recreation opportunities.	Medium to Long	CoGB KFCE DPCD YMCA DEECD BCHS KF Community House Chaplains at Crusoe College Central Vic Youth Directions Inc
Investigate the possibility of a cinema.	Medium to Long	CoGB KFCE DPCD Central Vic Youth Directions Inc

8.2 Education and Training

GOAL 1: The development of an Education Precinct		
ACTION	TIMELINE	PARTNERS
Joint promotion of schools in Kangaroo Flat as an education precinct servicing all families needs.	Ongoing	CSC KFPS SMPS BSDS CoGB DEECD CEO Bendigo Special Development School Local Kindergartens
Establishment of an Education precinct group to co-ordinate educational provision and activities for students and teachers.	Short to Medium Term	
Co-ordinate a strategic promotional package for young teachers encouraging them to come to Bendigo and teach as part of the Kangaroo Flat Education precinct.	Short Term	
Scan for opportunities for collaboration between the schools for curriculum provision, teacher professional development and facility sharing.	Short to Medium Term	
Provision of co-ordinated and appropriate parking and travel paths to allow students, parents and teachers to travel safely between sites and community amenities.	Short to Medium Term	



GOAL 2: Increase the provision of Adolescent Wellbeing

ACTION	TIMELINE	PARTNERS
Establish joint workforce plans between schools and with community providers to provide increased access to wellbeing services.	Medium to Long Term	CSC KFPS SMPS BSDS CoGB YMCA Bendigo Health DEECD CEO KF Community House BCHS
Co-ordinate and improve the use of local amenities to improve adolescent wellbeing.	Medium Term	
Ensure provision of adequate travel paths and safe crossings to encourage active transport.	Short to Medium Term	
Pursue opportunities to improve adolescent access to key recreational amenities.	Short to Medium Term	
Explore co-location of specialists such as speech therapists, adolescent psychologists, paediatricians, youth workers and family counsellors.	Medium to Long Term	
Ensure early identification and intervention of students at risk of disengagement due to mental health or family issues.	Medium	

GOAL 3: Provide for the connection of the education precinct to the Kangaroo Flat community

ACTION	TIMELINE	PARTNERS
Explore options for the relocation of bus terminal from Crusoe College closer to other community amenities.	Short to Medium	CSC KFPS SMPS BSDS CoGB KF Community House BCHS
Return Bus Stop at front of BCHS in Helm Street for improved access for residents to the services provided by BCHS.		
Ensure provision of adequate travel paths and safe crossings to encourage active transport.	Short to Medium	
Develop programs that encourage and support community and workplace learning for students within the local community.	Medium to Long	
Develop strategic relationships with local business and industry to ensure adequate provision of workplace learning.	Medium to Long	

GOAL 4: Improve Social Capital

ACTION	TIMELINE	PARTNERS
Develop models that allow for the use of school facilities for community use after school hours.	Medium	Bendigo Health CSC KFPS SMPS BSDS CoGB Local Business and Industry KF Community House BCHS
Develop a model of adult education provision that can be facilitated at local schools.	Medium	
Consolidate parent education programs that support parent involvement in students academic life.	Medium	

GOAL 5: Provide Community, Arts & Cultural Experiences

ACTION	TIMELINE	PARTNERS
Redevelop the JB Osborne Theatre as a local arts, performance and voice education site.	Medium	Bendigo Health CSC KFPS SMPS BSDS CoGB Local Business and Industry BCHS
Schools to investigate and develop relationships with local artists to increase the variety and diversity of arts provision within the school both within and outside of school hours.	Medium	



8.3 Sport and Recreation

GOAL 1: The development of a Sport and Recreation Precinct		
ACTION	TIMELINE	PARTNERS
Establish a Steering Committee to develop a new 50 metre indoor Aquatic Centre to house hydrotherapy and physiotherapy facilities, a gymnasium as well as providing swimming programs for the numerous schools in the region (in line with the development of the Masterplan).	Immediate	CoGB Dower Park user Groups, sporting groups Schools State Government
Review the current usage and needs of current recreation facilities and identify future land requirements (in line with the development of the Masterplan).	Immediate	CoGB Dower Park user Groups, sporting groups Schools State Government
Create a sustainable water supply for Dower Park and any future sporting developments. Investigations should be made as to the viability of extending the existing recycled pipeline from Bendigo to Kangaroo Flat.	Medium	CoGB Dower Park user Groups, sporting groups Schools State Government
Investigate the current viability of the Caravan Park within the Dower Park complex and its possible re-location to enable land to be better utilised.	Medium to Long Term	LMHS Dower Park Management
Undertake a feasibility study to identify which additional land could become available to accommodate the future recreational needs of the Kangaroo Flat community (in line with the Masterplan).	Immediate	State Government CoGB



GOAL 2: Expanded Sporting Facilities due to the rapid population growth of the Kangaroo Flat region and additional need to provide facilities for other sports including soccer, tennis and netball

ACTION	TIMELINE	PARTNERS
Identify and review the limited number of netball courts available to cater for the existing need, an ageing tennis facility in urgent need of an upgrade and a lack of suitable land to enable a soccer club to be established in the region (in line with the Masterplan).	Immediate	Netball Club CoGB

**GOAL 3: Improve Play Spaces within Kangaroo Flat**

ACTION	TIMELINE	PARTNERS
Promote the implementation of the Playspace strategy by the CoGB.	Ongoing	CoGB Service Groups
Ensure that walking and cycling paths are connected to existing and new facilities and services.	Ongoing	CoGB

8.4 Shopping and Retail

GOAL 1: Designated Caravan Parking Areas with associated signage within Kangaroo Flat Commercial areas

ACTION	TIMELINE	PARTNERS
Kangaroo Flat side streets (Church St, Service Road along highway, Centro Lansell area, Station Street near IGA, Rotary Park)	Short Term	CoGB VicRoads Centro Lansell Management IGA Kangaroo Flat Rotary

GOAL 2: Footpath and Lighting from Kangaroo Flat Train Station to Kangaroo Flat CBD

ACTION	TIMELINE	PARTNERS
Council to complete remaining sections of paving and install sufficient lighting to ensure safety.	Medium Term	CoGB Kangaroo Flat Business Group Powercor

GOAL 3: Insufficient Retail / Business Premises for new shops to use

ACTION	TIMELINE	PARTNERS
Support and encourage suitable and appropriate future retail and business developments to relocate/commence in Kangaroo Flat.	Long Term	CoGB Local Business Group Property Developers
That the KFCE be available to the CoGB as a reference group for planning applications.		

GOAL 4: Development of Town Square area with Shade

ACTION	TIMELINE	PARTNERS
In response to community needs - seek to establish a Town Square within the Kangaroo Flat Strip Shopping Centre.	Long Term	CoGB Kangaroo Flat Business Group Staff of local business Houses



8.5 Transport and Movement

GOAL 1: Ring Road

ACTION	TIMELINE	PARTNERS
Establish a Working Party to work with CoGB and VicRoads to respond to the communities demand for a clear action plan for the design and construction of the Ring Road.	Long term	CoGB VicRoads

GOAL 2: Toilets & Shopping Centres

ACTION	TIMELINE	PARTNERS
Identify sites and work with CoGB to establish a new toilet facility within Kangaroo Flat Shopping Strip Precinct.	Immediate	CoGB Businesses
Develop a working party to work with V-Line for the establishment of a full time station presence at Kangaroo Flat and re-introduction of toilets.	Medium	VLine
Work with CoGB and VicRoads to commence a study to determine the needs and feasibility of the school crossing at Olympic Parade/MacKenzie Street near roundabout.	Medium	CoGB VicRoads

GOAL 3: Botanical Gardens

ACTION	TIMELINE	PARTNERS
Liaise with COGB to seek removal of toilets from the Botanical Gardens once V-Line introduces toilets and/or upon acquisition of alternative toilet site accessible to V-Line users.	Medium	CoGB
Develop and implement a strategic plan for the future use of the Botanical Gardens area which could either be for recreational purposes or public housing given its close proximity to school, transport and shopping facilities.	Medium	CoGB



8.6 Township Appearance and Structure

GOAL 1: Maintain Streetscape		
ACTION	TIMELINE	PARTNERS
Improve and promote Community perception and projection via media and community communication strategies. Develop a Kangaroo Flat brand and promotional strategy.	On-going	CoGB KFCE Local Traders Sporting Clubs Service Clubs Schools
Use the Branding from the Northern entrance at Harvey Norman to Alder Street - a project to be established with CoGB	Medium	CoGB VicRoads
Maintain Creek area from St Monica's to Apco Servo Station.	Medium	NCCMA
Work with CoGB and North Central Catchment Management Authority to clean up the creek.	Medium	CoGB NCCMA



8.7 Natural Environment

GOAL 1: Improvements needed at Crusoe Reservoir and No.7 Park

ACTION	TIMELINE	PARTNERS
Work with CoGB to extend walking tracks into the areas away from the water and, the current walks could be extended to the top of the Big Hill ranges.	Long Term	Friends of Crusoe Reservoir and No 7 Park CoGB
Partner with CoGB to promote and increase the use of Crusoe Reservoir - this could include: fishing, swimming, yabbing and other passive water activities such as kayaking and wind surfing. Motor boats and jet skis are banned in this area.	Medium	
An expansion of the existing facilities to accommodate the growing number of community members using this development.	Medium	
Support local school students views to have camping facilities incorporated into the redevelopment, including toilet and shower facilities.	Long Term	

GOAL 2: Foster the creek areas that run through the Kangaroo Flat area

ACTION	TIMELINE	PARTNERS
Solar lighting be installed to some areas of the track, to enable more use in winter and also the elderly (more mature) to enhance the safety of residents.	Long Term	State Government CoGB
That the track be extended through the Lions & Rotary Parks down past St. Monica's school to the Kangaroo Flat Botanic Gardens. This would also make it a lot safer for some students to get to school.	Medium	St Monica's Service Clubs



GOAL 3: Kangaroo Flat has two main entrances - the Calder Highway and Olympic Parade are heavily treed and very picturesque

ACTION	TIMELINE	PARTNERS
The two entrances to Kangaroo Flat be maintained to keep the natural bushland, healthy feel that the area displays.	Medium	CoGB

GOAL 4: The lack of connections between open space areas - It was generally thought that there were sufficient areas in Kangaroo Flat just that they are disconnected

ACTION	TIMELINE	PARTNERS
Ensure that all current and future open spaces, schools, services and retail are all connected and accessible to all.	Ongoing	CoGB

GOAL 5: Rubbish

ACTION	TIMELINE	PARTNERS
Work with CoGB to install more rubbish bins near the major takeaway restaurants.	Short Term	CoGB DSE
Lobby DSE to monitor and prosecute offenders of rubbish dumped in the bush land.	Ongoing	
Lobby state members to increase fines for rubbish dumpers.	Ongoing	

8.8 Sustainability, Water and Climate Change

GOAL 1: Promote Sustainability, Water & Climate Change initiatives

ACTION	TIMELINE	PARTNERS
Consider partnering with the Bendigo Sustainability Group to deliver sustainable outcomes to the Kangaroo Flat Community.	Short term	

GOAL 2: Increase storage capacity of Rotary Park lake to harvest water

ACTION	TIMELINE	PARTNERS
Undertake discussion with Rotary regarding the possible use of the lake for water harvesting.	Medium	Rotary CoGB

GOAL 3: Introduce recycling facilities in shopping centres

ACTION	TIMELINE	PARTNERS
Lobby for Shopping Centres to install Recycling facilities.	Medium	Business Groups Service Groups CoGB State Government

9. Where to from here?

Once the Kangaroo Flat Community Plan is approved, the Kangaroo Flat Community Enterprise Group will coordinate the progress of the plan overall. The Enterprise Group will provide the overarching governance framework, whilst specialised sub-committees will be formed to progress the actions outlined in each of the themes. These sub-committees will be the most important component of ensuring this Community Plan achieves the objectives and actions outlined. We therefore will be seeking people who have an interest under any theme to help formulate relevant sub-committees.

A public meeting will be called soon after the launch of the plan.

We need continued effort to achieve this Plan's numerous objectives for the betterment of Kangaroo Flat. We look forward to encouraging all sectors of the community to take ownership of this Plan and to working positively and cooperatively to achieve these objectives.



Appendix 1: Demographic Profile

The information contained within this section is summarised from the ABS 2006 Census data and Forecast.id – “Population Forecasts” - City of Greater Bendigo Website: www.bendigo.vic.gov.au

How Many People Live in Kangaroo Flat?

The usual resident population of Kangaroo Flat is 8,421. There is a higher percentage of females (50.9%) than males (46.8%) living in this area.

How Many People will live in Kangaroo Flat and Big Hill by 2031?

The City of Greater Bendigo developed forecasts for 19 smaller areas within the municipality to facilitate planning for future population growth. Kangaroo Flat has been grouped with Big Hill as both areas have a common profile and Big Hill is too small in population to stand alone. According to forecast.id, the population of Kangaroo Flat and Big Hill is expected to increase at a steady rate over the next 22 years. By 2031, the population of this area is expected to increase from 8,421 to approximately 12,271 people.

Who will Arrive in the Community and who will Leave it?

According to forecast.id, the migration profile is expected to be relatively stable between 2006 to 2016, with moderate gains in young and mature families (20 to 34 years) with children (0 - 4 years). Significant gains are expected in mature adult age groups (40 - 54 years) with minor gains in retiree and elderly age groups (60 - 79 years).

How Old is the Community?

The largest cohorts in Kangaroo Flat - Big Hill are people between 35-49 years of age, followed by 50-59 year olds (presumably their children). The next largest age cohort are people between 24-34, the smallest age grouping is the 85 years plus population.

Age in years in 2006	2006	%	2031	%
0-4	599	6.5	719	5.9
5-11	847	9.3	1,004	8.2
12-17	780	8.5	865	7.1
18-24	857	9.4	1,078	8.8
24-34	1,139	12.4	1,579	12.9
35-49	1,820	19.9	2,275	18.6
50-59	1,154	12.6	1,545	12.6
60-69	827	9.0	1,405	11.5
70-84	968	10.6	1,541	12.6
85+	165	1.8	252	2.1
TOTAL	11,162	100	14,294	100

Where Were Residents Born?

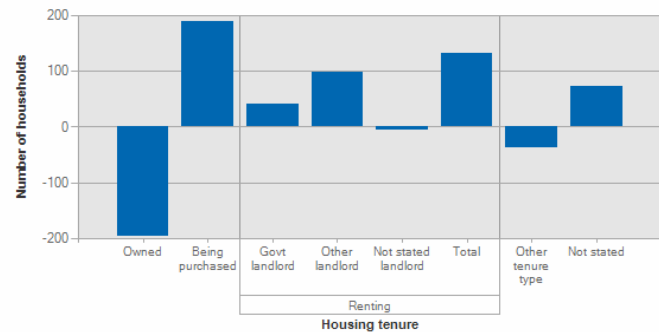
The majority of residents (89%) were born in Australia. Of those were born overseas, most were born in either England or New Zealand.

What is the Weekly Household Income?

Analysis of household income levels in Kangaroo Flat - Big Hill in 2006 compared to City of Greater Bendigo shows that there was a smaller proportion of high income households (those earning \$1,700 per week or more) but a larger proportion of low income households (those earning less than \$500 per week).

Overall, 8.5% of the households earned a high income, and 26.6% were low income households, compared with 13.7% and 22.8% respectively for City of Greater Bendigo.

Change in housing tenure, Enoggera, 2001 to 2006 (Enumerated data)



Source: Australian Bureau of Statistics, 2006 and 2001 Census of Population and Housing (Enumerated)

What are the Qualifications of Residents?

7.7% of individuals in Kangaroo Flat - Big Hill have been awarded a Bachelor or Higher degree, compared with 12.1% in Greater Bendigo. A further 5.2% have an advanced diploma or diploma and 19.9% have some form of vocational qualifications. Over half of the population (54.8%) do not have any qualifications and a further 12.4% did not state whether or not they have any qualifications.

What Type of Educational Places do Residents Attend?

72.4% of the population does not attend any form of education institution at present. Of those who do, the greatest number of residents of Kangaroo Flat - Big Hill attend pre-schools (1.4%), primary schools (8.5%) and secondary colleges (7.1%). This compares with Greater Bendigo pre-schools (1.6%), primary schools (9.1%) and secondary colleges (7.5%). There are fewer people living in Kangaroo Flat - Big Hill in the TAFE (1.7%) and tertiary sector (University 1.7%) than for Greater Bendigo (2% and 3.8% respectively).

What is the Employment Status of Residents?

3,825 people over 15 years of age (56.4%) residing in Kangaroo Flat - Big Hill are in the labour force. Of these people 2,129 (55.7%) are employed full time; 1,326 (34.7%) are employed part-time; and 315 (4.6%) did not state their tenure. The total number of employed people is 3,552, which represents 92.9% of the people in the labour market. The total number of unemployed people is 273, which represents 7.1% of the total labour market. The unemployment rate in Greater Bendigo is lower at 6.6%.

What Industries do Residents Work in?

The five most common industries for residents of Kangaroo Flat - Big Hill to work in are:

- Retail trade (16.2%)
- Manufacturing (13.0%)
- Health care and social assistance (12.0%)
- Construction (9.2%)
- Accommodation and Food Services (7.0%)

What Type of Occupations are Residents Employed in?

The five most common occupations for residents of Kangaroo Flat - Big Hill are:

- Technical and trade Workers (15.9%)
- Labourers (15.8%)
- Clerical and Administrative Workers (13.7%)
- Sales Workers (12.9%)
- Professionals (12.7%)

How do Residents Travel to Work?

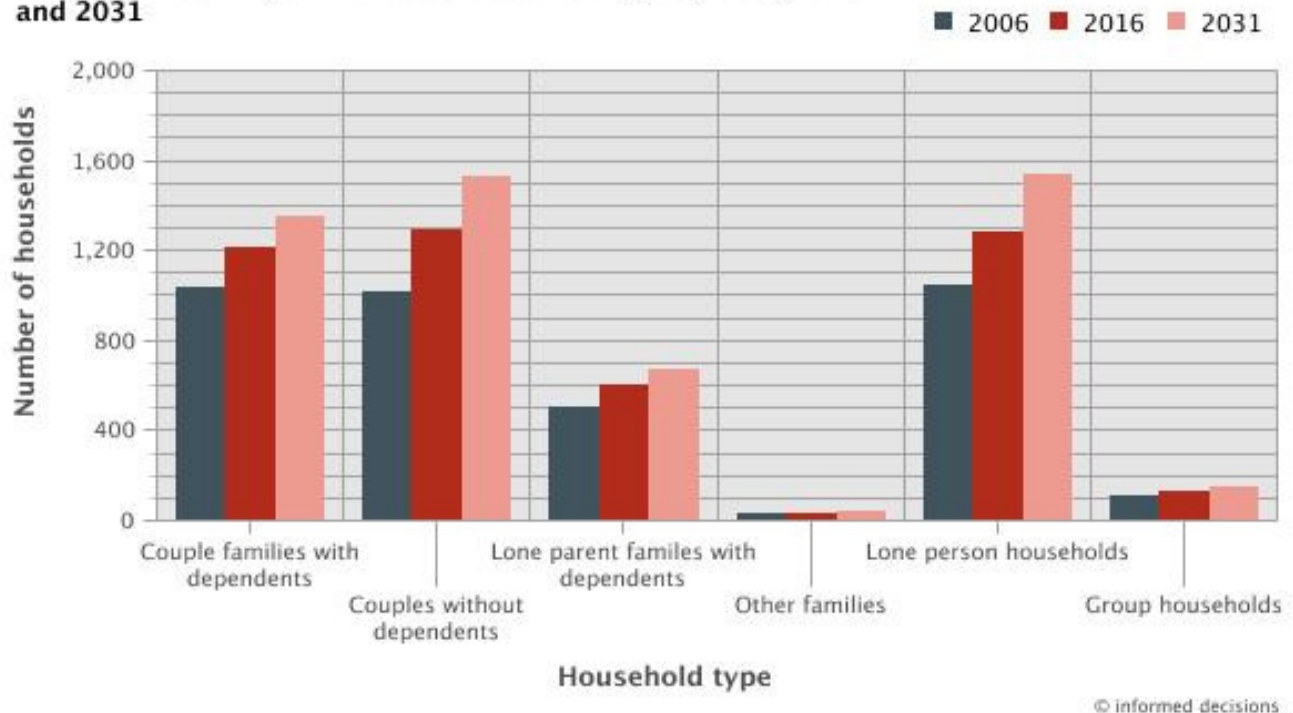
Driving a car (69.2%) is by far the most common –means of travelling to work by people living in Kangaroo Flat - Big Hill (2,465 people choose this option). The next most popular means is travelling in a car as a passenger (7.1% or 254 people). 61 people (1.7%) walk to work and another 41 people (1.2%) cycle to work. Trucks (0.9%), motorbikes (0.3%) and taxis (0.2%) were used by small numbers of people. From a public transport perspective, it appears that 18 people travel to work by train each day and 43 (1.2%) people travel by bus to work. 462 or 13.0% of people did not go to work on census day and 85 or 2.4% worked from home.



How is Household Type Expected to Change?

Information produced by forecast.id suggests that the proportion of current household types will remain, but each category will obviously increase as the population increases. The following graph prepared by forecast.id demonstrates the potential growth in each household type:

Kangaroo Flat – Big Hill forecast household types, 2006, 2016 and 2031



Where will new Households be Developed in Kangaroo Flat - Big Hill?

According to forecast.id, new housing developments / infills are expected to occur in the following areas:

- 2006-2009 dwelling additions are based on Council Building Data (Certificate of Occupancy, Completions, Approvals). From 2009 onwards:
- Belladonna Rise-Elizabeth Street - 29 dwellings (2009-2012)
- Forest Lake Estate - 20 dwellings (2009-2013)
- 165-175 Olympic Parade - 37 dwellings (2009-2013)
- Byambee Rise Estate - 70 dwellings (2009-2014)
- Bronze Drive-Freeman Drive - 80 dwellings (2009-2016)
- St George Park Drive - 72 dwellings (2009-2018)
- John Street Residual Greenfield - 45 dwellings (2011-2016)
- Calder Highway Corridor Residual Greenfield - 640 dwellings (2012-2031)
- Park Terrace - 24 dwellings (2013-2016)
- Moderate level of infill development (10-14 dwellings per annum)

Appendix 2: Survey Summary

Kangaroo Flat Community Surveys

Residents total of 216 surveys returned – 21 emails and 195 posted.

Students total of 191 surveys returned – 34 emailed, 157 delivered from St Monica's and Crusoe College Year 9 completed one survey as a class activity.

Students Surveys

What outdoor place do you go to the most for playing or hanging out?

Dower Park (football), playgrounds, swimming pool, lake, shopping centre, Fulton Hogan Oval, natural environment (bush), BMX riding, the creek, bike riding, Queen Street Lake, Kangaroo Flat Res No 7.

What do you like most about this place?

Fun and meet friends, community, football, netball, friendly people, birds and animals at the water (Queen Street), picnics at the Res.

What don't you like about this place?

Drunks, pool isn't big enough and needs heating, weird people, lack of play equipment, rubbish/litter, graffiti in park, vandalism, drunk people in the Caravan Park, bike paths or tracks to ride on, better playground maintenance, walking traces around Queen Street Lake, some public toilets are smelly and not nice.

What could be changed to make this place better?

More footy ovals, bigger heated pool, clean up rubbish, less drugs, new grand stand, more play equipment, skate park, bigger parks, local playground, playground at Dower Park, pool needs a slide, better playground and café, bigger playground like Lake Weeroona, more bike tracks, drinking taps, Byambee Rise needs playground, more cycling paths, shading in play spaces, Kangaroo Flat Res to have better toilets, BBQ and playground, more equipment at Crusoe Road Park (massive slide), playground at Dower Park, better playground at St Monica's.

Residents Surveys

What are the strengths of Kangaroo Flat?

Good shopping (strip shopping, Centro Lansell, Rocklea, Bunnings etc), railway station, education precinct, the community, good sporting facilities, good location, good parking, walking and cycling paths, residential growth, doctors, services, location, amenities.

What are the weaknesses of Kangaroo Flat?

Lack of public toilets, traffic congestion, no heated pool, current pool inadequate to cater for need, lack of youth facilities, cleanliness of streets, creek condition, lack of police presence, lack of parking at key service points, no gym, no ring road for trucks, lack of footpaths in some areas, the Caravan Park, lack of Council maintenance / spending in Kangaroo Flat, lacking infrastructure in some areas, negative image of Kangaroo Flat.

What are the future opportunities for Kangaroo Flat?

Expansion and development of area, upgrading facilities: swimming pool, sports grounds, Crusoe Res, expansion of business and retail, restaurants, manufacturing and industries, development of youth facilities including a skate park, police presence, cleaning and maintenance, marketing of Kangaroo Flat.

What are the challenges for the future of Kangaroo Flat?

Traffic congestion, ring road issues of heavy vehicles in Kangaroo Flat, water restrictions, controlled development and expansion, clean up creek, facilities that cater for all ages, youth facilities, social housing needs renewal, Council to listen to locals, improved infrastructure such as footpaths, traffic calming measures, community facilities and aging population,.

What leisure, recreational, sporting, cultural activities do you do in Kangaroo Flat?

Main activities were walking and cycling (135), swimming (36), football / netball / cricket (28), bowling (27), then Arts / cultural / theatre / dancing (20)

What do you believe we need locally?

Heated indoor pool, public toilets, gymnasium fitness centre, better facilities at Crusoe Res, Dower Park upgrade, bypass / ring road, more sporting grounds, improved public transport on weekends, increase expenditure on roads and footpaths, improved infrastructure around and to facilities as well as improved facilities, skate park, improved businesses including restaurants.

Where do you work?

Main responses were: 140 don't work, 48 Kangaroo Flat, 43 Bendigo, 32 other suburbs, 21 work at home.

If there are any children in your household, which school(s) do they attend?

This was a mixed response.

Where do you generally do your shopping?

Main response was: 159 Centro Lansell, 139 Kangaroo Flat and 19 central Bendigo.

Which community facilities do you think play an important role in Kangaroo Flat?

YMCA / Leisure Centre, Sports Club, swimming pool, football / netball, churches, Bowling Club, Dower Park, where people meet and socialize, medical centres, Senior Citizens, RSL.

Which term best describes your household?

Main responses: 66 couples with children who no longer live at home, 44 single person, 28 family with teenage children, 21 couple without children, 21 family with young children.

Where do you live?

Most of the survey responses live at Kangaroo Flat (182).

Appendix 3: Community Workshops Summary

Community Resilience

Profile – Image – Community Pride

- Media Campaign
- Showcase Good News
- Gateway to Bendigo
- Clean Up – rubbish/recycling
- Highlight existing resources – let people know what is here
- Festival committee to organize events in K/Flat
- Market K/Flat by having Kangaroos
- Flat Matters promotion
- Signage
- Industry development freight distribution

Medical

- 24 Hour/ 7 day primary care
- Co-ordination of existing practitioners
- Ambulance/Emergency Services
- More counseling services

Police

- Local Police presence

Arts

- J B Osborne Theatre
 - redevelop/support
 - home for Bendigo Youth Choir
 - visual/performing arts space

Churches

- Use as community spaces
- Large number

Caravan Park

- Relocation of Caravan Park

Aged Care

- Highway – dissect – access
- Footpath access

Youth

- Entertainment zone
- Youth space
- Cinema – Entertainment complex
- Youth drop in centre with professionals to interact
- Dedicated building for youth in central location easily accessible/close to transport

Public Toilet

- Cnr of High and Station Streets

Community Hub

- Community hub in arcade – easy access, no residents to object

Education and Training

- Attracting teachers to K/Flat
- Opportunities for students with disabilities within working community
- Technology – lack of
- Home eco – lack of equipment
- Driver education
- Childcare facilities
- Employment agency
- Volunteer Program schools – exercise – schools to organize
- Adult education
- Promote our many schools – 3 primary, College & Special Development

Sport and Recreation

- Major Sporting Complex football/netball/cricket/tennis/soccer clubs
- New Aquatic Centre – current pool too small and inadequate
- Indoor Aquatic Centre – Gymnasium
- Indoor pool
- Water slide
- Hydrotherapy pool
- Learn to swim programs
- Walking path
- Increased sports grounds for multipurpose
- Ice skating rink adjacent to swimming infrastructure – energy/efficient
- Swimming programs for schools
- Playground – a bigger one/toilets & parking
- Cycling/walking paths – better lit with solar lighting
- Recycled pipeline extended to all sporting facilities
- More recreation facilities for youth
- Ten pin Bowling Centre's
- New recreation park with play areas and BBQs
- More land for oval space for junior and senior sport
- Crusoe No7 – open it
- Crusoe camp sites – facilities
- Footpaths lacking in area access to train
- Crusoe Heights – further development required
- BMX Track
- Botanic Gardens hidden - need better signage

Shopping and Retail

Stores needed in K/Flat

- Good shoe store – kids & adult
- Teenage retail clothing well known brands
- Up market clothing stores
- Pet shop supplies
- Town Square need for community area with shade
- Foot path from Train station to K/Flat CBD
- Bendigo Bank at Centro Lansell
- Dry Cleaner at Vidoeland
- Designated caravan parking at Hungry Jacks
- Health food store
- Tourist info centre

Transport and Movement

- Lighting from Train station to K/Flat CBD
- Amount of traffic – pedestrian crossings needed
- Traffic Volumes – Olympic parade between schools – stagger school finishing times
- School/pedestrian crossing needed Olympic Parade/McKenzie St on roundabout
- Olympic Parade footpath currently difficult with cars backing out
- Hope Street no footpath
- Thomas St / Lockwood Road – no viewing above hill – mirrors
- No footpath sports club to school areas or anywhere to cross
- Ring Road – heavy transport
- Difficult to cross highway past Aldi Melb bound
- Monitor no parking zones at lights – video ezy corner
- Speed zones – 50kms in main shopping strip
- Public transport & taxi service to train station
- Train station only manned 6.15am – 12.15pm have to go into Bgo to purchase ticket
- All trains to stop at K/Flat
- More cycling track off highway to G/Square or CBD
- Neil St one way with pedestrian crossing
- Alder St/Aspinal St to Olympic Parade no bus in this area now
- Older areas needing footpaths
- Taxis stationed in K/Flat – Advertise Camp St site
- Maintenance of Footpaths – tree roots
- 60 km zone to Centro Lansell
- Traffic lights at Crusoe Road turnoff
- Pedestrian crossing between Wesley St and Centro Lansell
- Consistent signage around schools
- Walking track to train station
- No toilet at train station

Township Appearance and Structure

- Opposite McDonalds rezone to bus l
- Remove Botanical Gardens toilet
- Maintain streetscape
- Buffer zone industrial vs. residential eg. Allingham St
- Signage to promote K/Flat
- Clean up creek
- Solar lighting in K/Flat major section
- Walking tracks – over grown
- Condition of cemetery
- Rubbish bins between CBD and Bunnings

Natural Environment

- Maintain the forest (green areas)
- Botanic Gardens need improvement
- Better use of Crusoe No 7 – eg. Camps
- Retention basin cnr of Aspinall St & Olympic Parade – issue with cleanliness etc
- Bendigo Creek & the storm water drains linking needs urgent maintenance

Sustainability, Water and Climate Change

- Cleaning of waterways
- Rainwater tanks to supply water to residential homes for toilets
- Large shopping centre's use of roof space to capture rain – build into permit industrial & retail areas
- Recycle water to recreation areas
- Future building of sporting facilities to have water harvesting and solar for heating and power
- Flooding extra dams to slow down the water and future use
- Capture excess water for use on ovals etc
- Recycle bins in shopping centre's and public areas
- More rubbish bins in public areas
- Cleaning of creek needed on a regular basis
- Encourage people to participate in green waste projects
- Rotary Park lake made bigger to harvest water

Work

play

Live

Live

play

Work

Live, Work and Play

Live

Work play Work

play

Live

play

Work