

Minutes

Sustainable Nedlands Committee Meeting

20 June 2011

Attention:

These minutes are subject to confirmation.

Prior to acting on any resolution/recommendation of this Committee contained in these minutes, a check should be made of the Minutes of the next meeting of this Committee, to ensure that there has not been a correction made to any resolution / recommendation.

N.B. Committee recommendations that require Council's approval will be presented to Council for approval (via the relevant departmental reports).

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City of Nedlands

Minutes of a meeting of the Sustainable Nedlands Committee held in the Council Chambers, 71 Stirling Highway, Nedlands on Monday, 20 June 2011 at 7.00 pm.

Declaration of Opening

The Presiding Member will declare the meeting open at 7.07 pm and will draw attention to the disclaimer below.

Present and Apologies and Leave of Absence (Previously Approved)

Committee Member

Councillor Bronwen Tyson

Presiding Member

Mr Colin Sanders Mr Gordon Davies Ms Agnes Pallagi Mr Rod Griffiths Mr John McBain

Staff

Mr Andrew Melville

Manager Sustainable Nedlands

Councillors

Councillor Max Hipkins

Deputy Mayor

Leave of Absence (Previously Approved)

None

Apologies

Mr Robert Campbell

Ms Kay Whyte

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1. Public Question Time

None.

2. Addresses by Members of the Public (only for items listed on the agenda)

None.

3. Disclosures of Financial Interest

The Presiding Member reminded Councillors and Staff of the requirements of Section 5.65 of the Local Government Act to disclose any interest during the meeting when the matter was discussed.

There were no disclosures of financial interest.

4. Disclosures of Interests Affecting Impartiality

The Presiding Member reminded Councillors/Staff of the requirements of Council's Code of Conduct in accordance with Section 5.103 of the Local Government Act.

There were no disclosures of interest affecting impartiality.

5. Declarations by Members That They Have Not Given Due Consideration to Papers

None.

C11/90

6. Confirmation of Minutes

6.1 Sustainable Nedlands Committee Meeting – 6 December 2010

Moved – Colin Sanders Seconded – John McBain

The Minutes of the Sustainable Nedlands Committee held on 6 December 2010 were confirmed.

CARRIED UNANIMOUSLY 7/-

7. Items for Discussion

NOTE: Regulation 11(da) of the Local Government (Administration) Regulations 1996 requires written reasons for each decision made at the meeting that is significantly different from the relevant written recommendation of a committee or an employee as defined in section 5.70 (but not a decision to only note the matter or to return the recommendation for further consideration).

7.1 Urban Development Presentation

Dr George Crisp a local GP and State Representative of the Doctors for the Environment discussed some of the environmental health effects of urban development, some of the effects of loss of green space and vegetation, and other urban environmental health impacts on the community. A copy of Dr Crisp's presentation is attached.

Items of note that were raised by Dr Crisp included:

- Green spaces have direct benefit to human health. Anxiety and depression levels are reduced, especially in children. They also remove pollutants from the air and mitigate heat.
- Access to green space is related to illness incidence.
- Parks reduce the incidence of heat mortality which is directly related to summer heat and winter cold.
- Urban heat islands trap air pollution and heat overnight and reduce the levels of evaporation and transpiration cooling.
- Increases in the level of urban coverage results in increased incidences in flooding and quicker flooding peaks due to the incapacity of the ground to absorb and direct water.
- Diesel vehicles produce more particulates and nitrous oxides that petroleum fuelled vehicles.

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 Very small pollutant particulates have the capacity to enter the bloodstream directly through the lungs.

The Committee were generally supportive of Health Impact Assessments for significant developments within or affecting the City of Nedlands.

Moved – Councillor Bronwen Tyson Seconded – Rod Griffiths

The Committee recommends that Council invite Dr Crisp to present to Council the established links between the built environment and human activity with environmental health.

CARRIED UNANIMOUSLY 7/-

Moved – Agnes Pallagi Seconded – Gordon Davies

The Committee recommends that in the case of development proposals, the City request environmental health impact assessments to identify and rectify negative health impacts on the community.

CARRIED UNANIMOUSLY 7/-

The meeting was suspended at 8.25pm and resumed at 8.35pm.

7.2 Sustainable Development Conference 2011

Councillor Bronwen Tyson was to discuss the recent NSW Sustainable Development Conference 2011. This item was not discussed and will be discussed at the next meeting.

7.3 Water Corporation Greywater Reuse Hardstand Proposal

Refer to attached email from the Manager Sustainable Nedlands sent to Committee members on the 22 December 2010 and information update email received on the 24 February 2011 from the Water Corporation.

The City has been in ongoing discussions with the Water Corporation regarding their advice where they are aiming to develop a hardstand capable of delivering treated wastewater to water trucks to assist in alleviating the use of potable water on the watering of street trees, dust suppression and other similar activities. The hardstand would be based at the Subiaco Waste Water Treatment Plant in Shenton Park.

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Manager Sustainable Nedlands, Andrew Melville advised that a further discussion with the Water Corporation has realised the following additional developments:

- (i) In principle funding had been agreed to complete the project;
- (ii) A Project Manager has been appointed to commence and design the project; and
- (iii) It is anticipated that the project construction will commence prior to the end of the year.

7.4 Sustainable Nedlands Recycling Tour

Manager Sustainable Nedlands, Andrew Melville has negotiated with the City's kerbside waste and recycling contractor Perthwaste, a tour for interested Councillors and Committee members of the Perthwaste Material Recovery Facility (MRF). This tour will enable Councillors and Committee members to further understand the processes involved in processing the City's recycled materials.

The date for the information tour is Wednesday 10 August 2011. Committee members to have confirmed their attendance on the tour include Colin Sanders, Councillor Bronwen Tyson and John McBain.

The Other Committee members agreed to RSVP the Manager Sustainable Nedlands by 14 July 2011.

7.5 Meeting Frequency

Further to the Committee's request at the previous meeting, Councillor Tyson discussed the frequency of meetings of the Sustainable Nedlands Committee. Refer to the current Sustainable Nedlands Committee Terms of Reference attached.

Moved –Gordon Davies Seconded – Agnes Pallagi

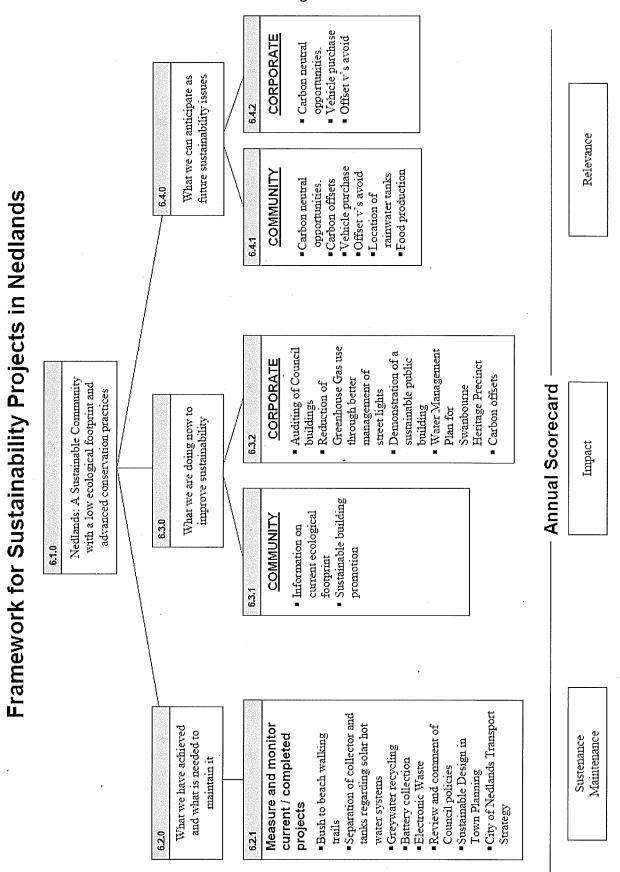
The Committee recommends that the Sustainable Nedlands Committee meets at 5.30pm on the first Monday of every second month and hold informal discussions on the first Monday of the alternative month.

CARRIED UNANIMOUSLY 7/-

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7.6 Key Policy Objectives

To be discussed at the next meeting.



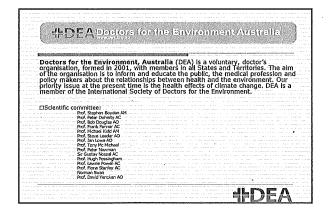
8. Date of Next Meeting

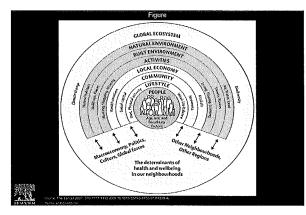
The next meeting of this Committee is scheduled for Monday, 1 August 2011 commencing at 5.30 pm.

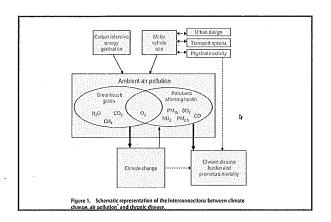
Declaration of Closure

There being no further business, the Presiding Member declared the meeting closed at 9.13pm.

C11/90







Air Pollution — ill health Respiratory: Asthma, COPD, Lung cancer Cardiac: Heart disease, ? Hypertension / stroke Paediatric: SIDS, lung development. Obstetric: pre-term labour. Endocrine: ? Diabetes, Psychiatric: ? Depression / suicide.

Public health importance of triggers of myocardial infarction: a comparative risk assessment

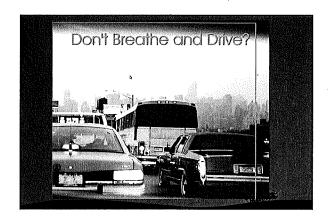
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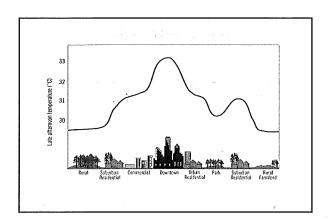
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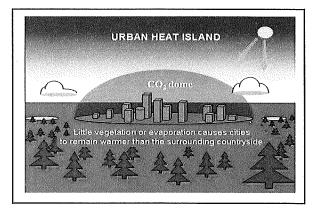
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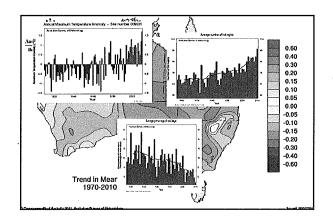
Findings Of the epidemiologic studies reviewed, 36 provided sufficient details to be considered, far the attapopulation, the epocute primarity contraction of the relaxation countril fame who there imaged from 0.45% for coxtes to 100% for a bigglossism. The reprode folds attaining (30) parallel from 1.51% 1.27%. Paralling siggers from the 100% for the primarity folds attaining the primarity folds of the pri

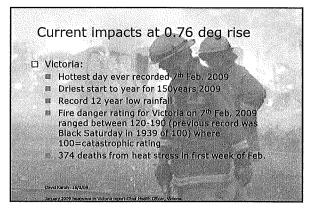
interpretation In view of both the magnitude of the risk and the prevalence in the population, as pollution is a important trigger of myocardial infuration, it is of similar magnitude (PAE 3-7%) as other well excepted triggers sacross polystical certains, alsohal, and coffee. Our work shows that exceptorent small risks might have considerable public behalts release.

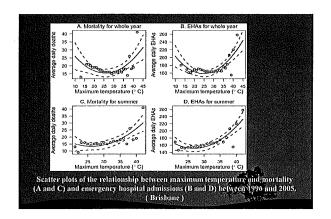


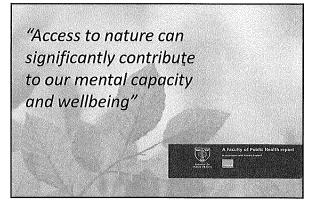








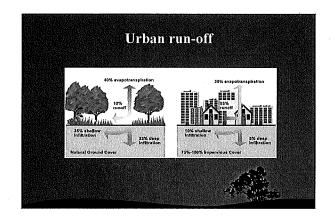


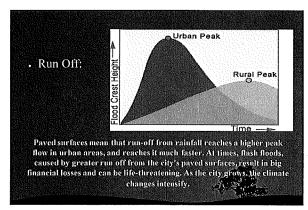


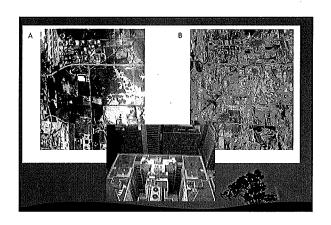
Health effects: green spaces Anxiety / Depression - especially strong relationship in children > 12 Air quality Recreational / social benefit Recovery from illness / stress Heat mitigation Effects on urban biodiversity loss

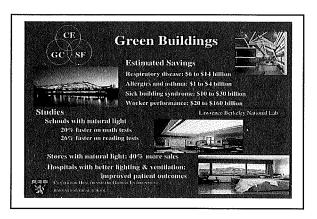
Health indicators that benefit from proximity to green spaces include: - Coronary heart disease - Neck, shoulder, back, wrist and hand complaints - Depression and anxiety - Diabetes - Respiratory infections and asthma - Migraine and vertigo

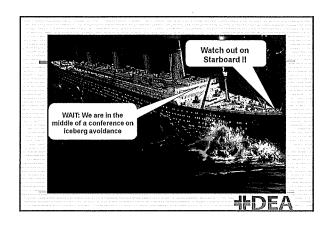
- Stomach bugs and urinary tract infections

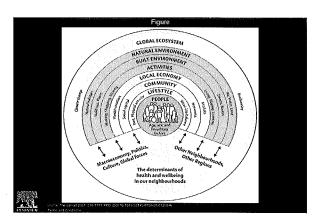




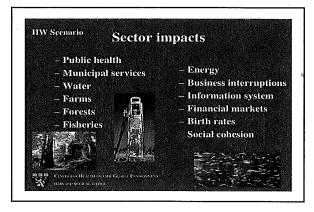


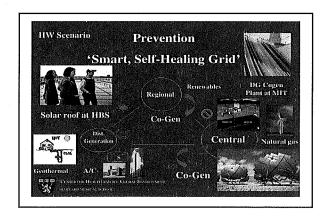


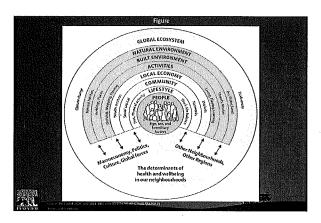


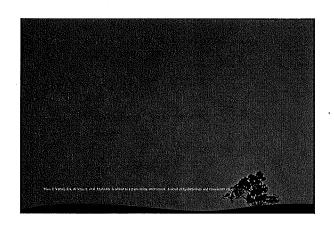




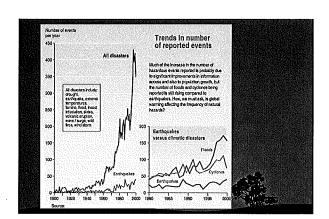


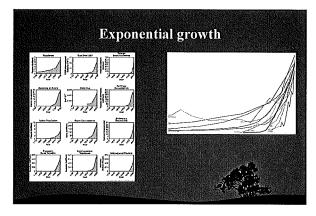


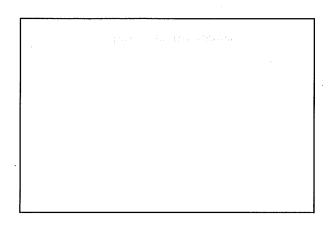


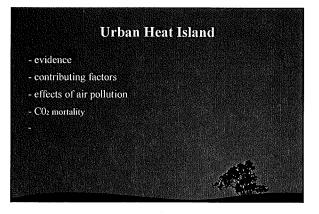


UHI - Energy Energy use increases exponentially with increasing temp (> 18 deg C) Cost \$100 million / year in Los Angeles Maladaptive response – further heat generation Air con makes cities 1 -2 'C hotter! Increased water use = increased energy use. \$1000 air-con adds > \$3000 in network costs

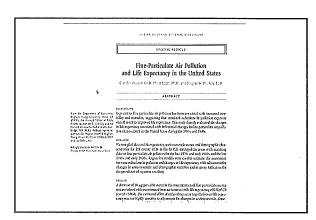








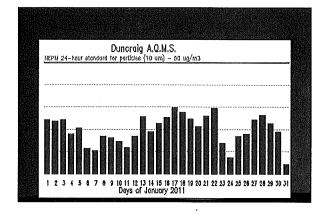




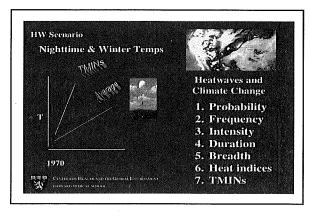
A decrease of 10 µg per cubic meter in the concentration of fine particulate matter was associated with an estimated increase in mean (£SE) life expectancy of 0.6140.20 year (P=0.004). The estimated effect of reduced exposure to pollution on life expectancy was not highly sensitive to adjustment for changes in socioeconomic, demographic, or proxy variables for the prevalence of smoking or to the restriction of observations to relatively large counties. Reductions in air pollution accounted for as much as 15% of the overall increase in life expectancy in the study areas.

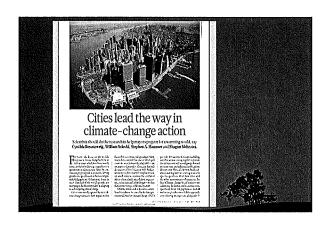
CONCLUSIONS

A reduction in exposure to amblent fine-particulate air pollution contributed to significant and measurable improvements in life expectancy in the United States.









Andrew Melville J.P.

From:

Andrew Melville

Sent:

Wednesday, 22 December 2010 11:03 AM

To:

'Agnes Pallagi'; 'Colin Sanders'; 'Gordon Davies'; 'John McBain'; 'Karen Connolly'; 'Kay

Whyte'; 'Matthew Negus'; 'Robert Campbell'; 'Rod Griffiths'

Cc:

Carlie Eldridge

Subject:

Water Corporation Meeting 9 December 2010

Follow Up Flag: Flag Status:

Follow up Flagged

Dear Committee Members.

In response to the resolution of the Sustainable Nedlands Committee from the meeting held on 6 December which stated that:

"The Committee is interested in receiving the results of Thursdays meeting and further supports the reuse of the water source at the city of Nedlands."

Please find below a brief outline of the elements of the discussions that took place.

This first discussion that has taken place on Thursday 9 December 2010 between the Water Corporation, the City of Nedlands and other local autorities from the western suburbs of Perth in close proximity to the Subiaco Wastewater Treatment Plant where its purpose was to guage the interest of local governments to utilise a standpipe facility where the treated wastewater could be used for the irrigation of verges, street trees and dust supression activities. This initiative will require that the treated wastewater that is currently discharged into the ocean being treated further to meet Department of Health requirements.

Local governments were advised informally at the meeting by the Water Corporation that:

- Federal funding is currently being sought by the Water Corporation for the capital infrastructure and local government assistance is not required to support this process (I asked specifically if our support would be of use);
- There is an 18-24 month timeframe to build the facility;
- The City can use it's own water trucks and those of contractors for use at the standpipe;
- Water will be provided at a cost that is onclusive only of improving the quality of the water and the cost of maintaining the hardstand and will be billed on a volumetric basis;
- The cost of the development is likely to cost between \$1M and \$1.5M inclusive of water treatment infrastructure.

Local governments that were in attendance were enthusiastic regarding this proposal and are generally supportive of the initiative. Local governments were interested in utilising this wastewater which would otherwise be discharged to the ocean. There was also general discussion and enthusiasm for this water to be utilised as it does not affect groundwater quota limits for local authorities. Further, there will need to be adequate and agreed pricing structures to confirm the project's ongoing economic viability.

I will table this email at the next Sustainable Nedlands Committee meeting to ensure that all members are aware of the outcome of the meeting.

Regards

Andrew Melville

Manager Sustainable Nedlands

Andrew Melville

From:

Paul Sparke [Paul.Sparke@watercorporation.com.au]

Sent:

Thursday, 24 February 2011 12:59 PM

To:

mcrowther@cambridge.wa.gov.au; susto@mosmanpark.wa.gov.au; Andrew Melville;

city@subiaco.wa.gov.au; ahead@claremont.wa.gov.au

Cc:

Chris Higgs; Jane Hillis; Kristen Handyside; Dejan Stojanoski

Subject:

Subiaco WWTP Standpipe - Update

Hello everyone

Further to our meeting at Water Corp on the 9th December 2010, I thought it is timely to provide an update on the development of a recycled water standpipe at Subiaco WWTP.

Agreement on funding for the project is progressing positively with the Australian Government and we're pleased to report a project manager has recently been appointed within Water Corporation, to design and construct the standpipe at the Subiaco WWTP.

More information on the final agreement and the treatment, pricing, timing and availability, handling and management of the recycled water shall be forthcoming as the project progresses.

At this stage, however, we would be keen to hear back from you with advice on your continued interest and support for the project, along with any new or additional relevant information that may be of interest to us or the group of Councils who shall be using the new facility.

If you have any questions, please do not hesitate to contact me directly on the number(s) below, or by return email at your convenience.

We look forward to hearing from you soon and thank you for your continued support.

Kind regards,

Paul Sparke

Business Development Manager - Infrastructure Planning Branch Water Corporation
629 Newcastle Street
Leederville WA 6007

T: (08) 9420 3842 | **M:** 0457-567276

www.watercorporation.com.au



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Sustainable Nedlands Committee

Purpose

To provide research and advice on sustainability issues as they relate to the City's strategic projects programmes services and operations utilising a Local Agenda 21 framework.

Scope

The City of Nedlands Sustainable Nedlands Committee is established according to subdivisions 2 and 3 of Section 5 Administration of the Local Government Act 1995.

The Committee will provide advice to Council and Administration in the following areas:

- 1. Sustainability issues as they relate to corporate strategic planning;
- 2. Sustainability issues in relationship to policies and policy development and direction;
- 3. Monitor progress on sustainability issues in the community and report back to Council on developments;
- 4. Foster links with kindred groups and interested parties to maximise benefits to the City of Nedlands;
- 5. Public education and awareness of sustainability issues;
- 6. The Committee will assist Administration to identify key issues projects and programmes and priorities for action in the development of the City's Environmental Plan;
- 7. Advice on alternate funding options for the implementation of the corporate strategic plan and its associated projects and programmes, as they relate to sustainability; and

Membership

- 1. Total Membership of 8 committee members
- 2. Two (2) Four (4) persons knowledgeable in environmental or heritage matters;
- 3. Two (2) Four (4) persons knowledgeable in business or economic activity;
- 4. Two (2) Four (4) persons knowledgeable about society, government or community; and

- 5. One (1) Councillor of the City of Nedlands (to be appointed with a nominated proxy).
- 6. Committee members are to be residents, ratepayers or own a business within the City of Nedlands.

Procedure

- 1. Committee members will be appointed for a term expiring at the conduct of the next Local Government election;
- The Committee will meet at least quarterly and in accordance with the requirements of the Local Government Act and the City's Local Law Relating to Standing Orders;
- 3. The Councillor appointed to the Committee or their proxy shall be the Presiding Member at all meetings which shall be run according to Council's Standing Orders;
- 4. The quorum of the Committee will be five (5);
- 5. Meetings of the Committee will be open to the public;
- 6. Minutes of the Committee will be presented to Council; and
- 7. These Terms of Reference will be reviewed as part of the City's annual review of policies.

Terms of Reference Adopted/Amended

- 27 September 2005 (Report CM18.05)
- 11 April 2006 (Report CP13.06)
- 15 December 2009 (Report D103.09)

Members for the period ending immediately prior to the next Local Government election in October 2011 (members appointed at the Special Council Meeting on 27 October 2009)

- Councillor Tyson (Delegate)
- Councillor Negus (Deputy Delegate)
- Director Development Services (Admin. Representative non member)
- Manager Sustainable Nedlands (Admin. Representative non member)
- Colin Sanders (knowledgeable in environmental or heritage matters)
- John McBain (knowledgeable in environmental or heritage matters)
- Agnes Pallagi (knowledgeable in business or economic activity)
- Rod Griffiths (knowledgeable in business or economic activity)
- Kay Whyte (knowledgeable in business or economic activity)
- Robert Campbell (knowledgeable of society, government or community)
- Gordon Davies (knowledgeable in business or economic activity)