

Innovation and Sustainable Development Committee

AGENDA

Notice of Meeting:

An ordinary meeting of the Innovation and Sustainable Development Committee will be held on:

Date: Wednesday 7 February 2018
Time: 1pm
Venue: Committee Room 1, Level 2, Civic Offices,
53 Hereford Street, Christchurch

Membership

Chairperson	Councillor Vicki Buck
Deputy Chairperson	Councillor Tim Scandrett
Members	Councillor Mike Davidson
	Councillor Jamie Gough
	Councillor Glenn Livingstone
	Councillor Deon Swiggs
	Councillor Sara Templeton
	Deputy Mayor Andrew Turner

1 February 2018

Principal Advisor

Brendan Anstiss
General Manager Strategy &
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Tel: 941 8472

Christopher Turner-Bullock
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Note: The reports contained within this agenda are for consideration and should not be construed as Council policy unless and until adopted. If you require further information relating to any reports, please contact the person named on the report.

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INNOVATION AND SUSTAINABLE DEVELOPMENT COMMITTEE - TERMS OF REFERENCE

Chair	Councillor Buck
Membership	Councillor Scandrett (Deputy Chair), Deputy Mayor Turner, Councillor Davidson, Councillor Gough, Councillor Livingstone, Councillor Swiggs, Councillor Templeton
Quorum	Half of the members if the number of members (including vacancies) is even, or a majority of members if the number of members (including vacancies) is odd.
Meeting Cycle	Monthly
Reports To	Council

Responsibilities

The focus of the Innovation and Sustainable Development Committee is driving the concept of innovation, as in the City vision of a “City of Opportunity, where anything is possible” and to do so in ways that may be experimental and different.

The Committee considers and reports to Council on issues and activities relating to:

- Strategies and priorities in relation to innovation and sustainable development.
- Climate change and sustainability initiatives such as electric vehicles, carbon reduction and waste minimisation.
- Economic development initiatives and strategies, including
 - Christchurch Narrative,
 - Antarctic Strategy,
 - Visitors Strategy,
 - Canterbury Economic Development Strategy,
 - Christchurch Economic Development Strategy,
- Relationships with economic development subsidiaries, such as Canterbury Development Corporation, the TEED entity
- Innovative or disruptive strategies and programmes, including Smart Cities programme of work
- Innovative approaches to the delivery of issues that often go across levels of government
- Allocation of funds related to the innovation and sustainability sector, including a new Innovation and Sustainability Fund.
- Council’s Brand and Communications strategies.

Delegations

The Committee delegates to the following forum the responsibility to consider and report back to the Committee:

- Development Forum - Innovative ways to support the development of the city and suburban centres

Part A	Matters Requiring a Council Decision
Part B	Reports for Information
Part C	Decisions Under Delegation

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STAFF REPORTS

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1. Apologies

At the close of the agenda no apologies had been received.

2. Declarations of Interest

Members are reminded of the need to be vigilant and to stand aside from decision making when a conflict arises between their role as an elected representative and any private or other external interest they might have.

3. Confirmation of Previous Minutes

That the minutes of the Innovation and Sustainable Development Committee meeting held on [Friday, 8 December 2017](#) be confirmed (refer page 5).

4. Public Forum

A period of up to 30 minutes may be available for people to speak for up to five minutes on any issue that is not the subject of a separate hearings process.

It is intended that the public forum session will be held at <Approximate Time>

5. Deputations by Appointment

There were no deputations by appointment at the time the agenda was prepared.

6. Petitions

There were no petitions received at the time the agenda was prepared.

Innovation and Sustainable Development Committee OPEN MINUTES

Date: Friday 8 December 2017
Time: 1.02pm
Venue: Committee Room 1, Level 2, Civic Offices,
53 Hereford Street, Christchurch

Present

Chairperson	Councillor Vicki Buck
Deputy Chairperson	Councillor Tim Scandrett
Members	Councillor Mike Davidson
	Councillor Deon Swiggs
	Councillor Sara Templeton
	Deputy Mayor Andrew Turner

8 December 2017

Principal Advisor

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- Part A** **Matters Requiring a Council Decision**
Part B **Reports for Information**
Part C **Decisions Under Delegation**
-

The agenda was dealt with in the following order.

1. Apologies

Part C
Committee Resolved ISDC/2017/00033

That the apology for absence from Councillor Livingstone and apology for lateness from Councillor Scandrett be accepted.

Councillor Davidson/Councillor Buck

Carried

2. Declarations of Interest

Part B
There were no declarations of interest recorded.

3. Confirmation of Previous Minutes

Part C
Committee Resolved ISDC/2017/00034

That the minutes of the Innovation and Sustainable Development Committee meeting held on Thursday, 16 November 2017 be confirmed.

Councillor Davidson/Councillor Templeton

Carried

4. Public Forum

Part B
There were no public forum presentations.

5. Deputations by Appointment

Part B
There were no deputations by appointment.

6. Presentation of Petitions

Part B
There was no presentation of petitions.

7. Creative Industries Support Fund: Funding Recommendation For Sign-off

Committee Decided ISDC/2017/00035

Part A

That the Council:

1. Approve a grant of \$44,000 from the Creative Industries Support Fund to The Boom Room artist studios project.

Councillor Swiggs/Councillor Davidson

Carried

8. Enliven Places Projects Fund - Grant Approval - The Art Room

This item has been withdrawn from the Agenda.

Meeting concluded at 1.07pm.

CONFIRMED THIS 7TH DAY OF FEBRUARY 2017

COUNCILLOR VICKI BUCK
CHAIRPERSON

7. Autonomous Vehicle Programme

Reference: 18/49001

Contact: Ryan Cooney ryan.cooney@tfc.govt.nz

03 941 6489

1. Purpose and Origin of Report

Purpose of Report

- 1.1 The purpose of this report is for the Innovation and Sustainable Development Committee to endorse the development of an Autonomous Vehicle Programme in collaboration with Strategic Partners.

Origin of Report

- 1.2 This report emanates from an agreement between the CEO's of a number of city agencies and the Mayor.

2. Significance

- 2.1 The recommendation in this report is of low significance in relation to the Christchurch City Council's Significance and Engagement Policy.
 - 2.1.1 The level of significance was determined by the limited number of people impacted, interest is limited to a small group of partners, and at the moment the impact on the community and council is low.
 - 2.1.2 The community engagement and consultation outlined in this report reflect the assessment.

3. Staff Recommendations

That the Innovation and Sustainable Development Committee:

1. Endorse the development of an Autonomous Vehicle Programme in collaboration with Strategic Partners.
2. Note that staff will brief the committee on progress every two months.

4. Key Points

- 4.1 Autonomous Vehicles solutions are actively being pursued internationally and in New Zealand.
- 4.2 A number of city agencies are interested in collaborating in an Autonomous Vehicle Programme in Christchurch.
- 4.3 From a preliminary review, an Autonomous Vehicle Programme would contribute to existing strategic goals.
- 4.4 The Steering Committee intend to develop a programme of Autonomous Vehicle activities in order to build Christchurch's understanding, participation and if found to be a suitable solution contribute to the strategic goals of the Strategic Partners.

5. Context/Background

- 5.1 Christchurch has been the venue of two Autonomous Vehicle launches, the first in New Zealand and the first New Zealand manufactured Autonomous Vehicle.

- 5.2 Following attendance at the Intelligent Transport Systems World Congress, her worship the Mayor Lianne Dalziel held a meeting on the 18th December 2017 with CEO's from the following agencies (Strategic Partners):
- Environment Canterbury
 - Christchurch International Airport Limited
 - Canterbury District Health Board
 - Ohmio Automation Ltd (subsidiary of HMI)
 - Christchurch City Holdings Ltd
 - Red Bus Ltd
- 5.3 From this meeting the following three actions were agreed:
- To prepare this paper for the Innovation and Sustainable Development Committee;
 - To bring together a Steering Group of representatives from the Strategic Partners;
 - To review the strategic goals/visions for the City across all partners in order to identify if Autonomous Vehicles may be a new solution to achieve these goals.
- 5.4 The Steering Group met on Tuesday 16th of January. At this meeting relevant Strategic Documents were shared. In addition membership was discussed with agreement to invite Orion to join the Steering Group.

Strategic Context

- 5.5 A preliminary review of the Strategic Partners strategic context has been undertaken. This has identified the following goals that Autonomous Vehicles may contribute to:
- 5.6 Christchurch City Council
- Christchurch is a city of opportunity for all.
 - Open to new ideas, new people and new ways of doing things, a city where anything is possible.
 - Partnership - working together.
 - Vibrant and Thriving Central City
 - A well connected and accessible city
 - Sustainable use of resources
 - A great place for people, businesses and investment
 - Climate change leadership
 - Maximising opportunities to develop a vibrant, prosperous and sustainable 21st century city
 - Increase active, public and shared transport opportunities and use
 - Keep Christchurch moving forward by providing transport choices to connect people and places
- 5.7 Red Bus Ltd
- To move more people more often
 - Our fleet, sites, IP and systems that keep our customers moving
 - Our Innovation and Sustainability programmes that get us ready for tomorrow

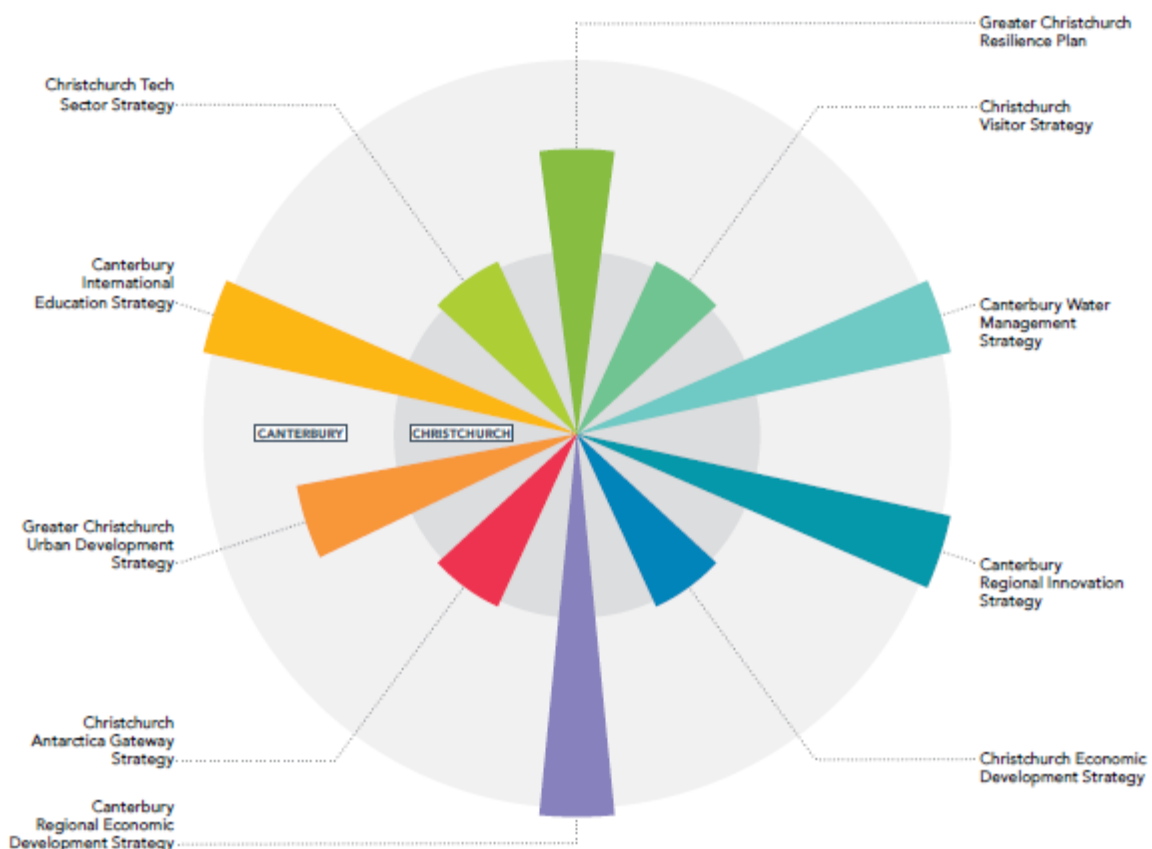
5.8 Christchurch International Airport

- Recognises disruptive and emerging technologies such as autonomy provide an ever expanding set of opportunities to reshape customer experience, add new services and products to build a stronger future business.
- Will prepare for innovation and disruptive technology with associated changes in customer experience and services by participating and partnering in innovation activities.

5.9 Christchurch Economic Development Strategy

- A city that embraces and values creativity, innovation, social creativity and sustainable living
- A city that takes risks.
- Maximise the commercial value of innovation
- A connected, engaging and thriving central city
- A skilled and adaptive workforce
- A place where it's easy to do business and be innovative
- The diagram below from the Christchurch Economic Development Strategy highlights there are a number of other interlinking strategies. A complete review of these has not been undertaken however it is probable there are further goals and visions therein that Autonomous Vehicles may contribute too.

CHRISTCHURCH AND CANTERBURY INTERLINKING STRATEGIES



5.10 A review of the strategic documents of the Canterbury District Health Board, Christchurch City Holdings Ltd and ECan has not been undertaken due to time constraints.

- 5.11 From the preliminary review, it is the belief of the Steering Group that autonomous vehicles will contribute to the strategic goals/visions. Further that an Autonomous Vehicle Programme be pursued.

Autonomous Vehicle Programme

- 5.12 The Steering Group are proposing that an Autonomous Vehicle Programme be developed seeking to achieve the following:
- Understand the magnitude of the contribution Autonomous Vehicles may make to the strategic goals of the city.
 - Understanding the infrastructure and operating requirements of autonomous vehicles;
 - Understanding the interface between humans and technology in using autonomous vehicles;
 - Developing information that supports and demonstrates (including to relevant regulatory bodies) the safety of autonomous vehicles; and
 - Developing knowledge and expertise relating to the development and operation of autonomous vehicles and the associated technologies.
- 5.13 Conversations with the Strategic Partners to date have identified the following deployments as opportunities to include in the Programme:
- Airport shuttle
 - Christchurch Hospital shuttle
 - Central City shuttle
- 5.14 In developing the programme, a number of matters will need to be worked through such as:
- Contribution to strategic goals/vision
 - Funding model
 - Safety case
 - Research goals
 - Communications
 - Community involvement
 - Infrastructure requirements
 - Maintenance requirements
 - Operational requirements
 - Legal environment

Attachments

There are no attachments to this report.

Confirmation of Statutory Compliance

Compliance with Statutory Decision-making Requirements (ss 76 - 81 Local Government Act 2002).

(a) This report contains:

- (i) sufficient information about all reasonably practicable options identified and assessed in terms of their advantages and disadvantages; and

- (ii) adequate consideration of the views and preferences of affected and interested persons bearing in mind any proposed or previous community engagement.
- (b) The information reflects the level of significance of the matters covered by the report, as determined in accordance with the Council's significance and engagement policy.

Signatories

Authors	Ryan Cooney - Manager Christchurch Transport Operations Centre Rae-Anne Kurucz - Team Leader Transport
Approved By	Richard Osborne - Head of Transport David Adamson - General Manager City Services

8. Resolution to Exclude the Public

Section 48, Local Government Official Information and Meetings Act 1987.

I move that the public be excluded from the following parts of the proceedings of this meeting, namely items listed overleaf.

Reason for passing this resolution: good reason to withhold exists under section 7.

Specific grounds under section 48(1) for the passing of this resolution: Section 48(1)(a)

Note

Section 48(4) of the Local Government Official Information and Meetings Act 1987 provides as follows:

- “(4) Every resolution to exclude the public shall be put at a time when the meeting is open to the public, and the text of that resolution (or copies thereof):
- (a) Shall be available to any member of the public who is present; and
 - (b) Shall form part of the minutes of the local authority.”

This resolution is made in reliance on Section 48(1)(a) of the Local Government Official Information and Meetings Act 1987 and the particular interest or interests protected by Section 6 or Section 7 of that Act which would be prejudiced by the holding of the whole or relevant part of the proceedings of the meeting in public are as follows:

ITEM NO.	GENERAL SUBJECT OF EACH MATTER TO BE CONSIDERED	SECTION	SUBCLAUSE AND REASON UNDER THE ACT	PLAIN ENGLISH REASON	WHEN REPORTS CAN BE RELEASED
9	GRANT FUNDING APPLICATION - MINISTRY OF AWESOME FUTURE CITY ACTIVATION	S7(2)(H)	COMMERCIAL ACTIVITIES	POINTS TO BE DISCUSSED ARE COMMERCIALY SENSITIVE	7 FEBRUARY 2023