



City of Nedlands

# ***Agenda***

## ***Sustainable Nedlands Committee Meeting***

***17 September 2012***

### **ATTENTION**

This Agenda has yet to be dealt with by the Committee.

The Administration Recommendations, shown at the beginning of each item, have yet to be considered by the Committee and are not to be interpreted as being the position of either the Committee or Council.

The Minutes of the meeting held to discuss this Agenda should be read to ascertain the decision of the Committee.

Before acting on any recommendation of the Committee a check must also be made in the Ordinary Council Minutes following the Committee Meeting to ensure that Council did not make a decision at variance to the Committee Recommendation.

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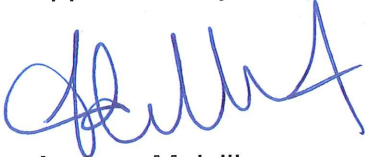
## City of Nedlands

**Notice of a meeting of the Sustainable Nedlands Committee to be held in the Council Chambers, 71 Stirling Highway, Nedlands on Monday, 17 September 2012 at 6.00 pm.**

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Dear Committee Member

The next meeting of the Sustainable Nedlands Committee will be held on Monday, 17 September 2012 in the Council Chambers at 71 Stirling Highway, Nedlands at 6.00 pm. It is expected that the meeting will conclude at approximately 7.30pm.



Andrew Melville  
Acting Director Technical Services  
10 September 2012

### **Sustainable Nedlands Committee Agenda**

#### **Declaration of Opening**

The Presiding Member will declare the meeting open at 6.00 pm and will draw attention to the disclaimer below.

#### **Present and Apologies and Leave of Absence (Previously Approved)**

**Leave of Absence**                      None  
**(Previously Approved)**

**Apologies**                              None as at distribution of this agenda.

#### **Disclaimer**

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### **1. Public Question Time**

A member of the public wishing to ask a question should register that interest by notification in writing to the CEO in advance, setting out the text or substance of the question. Questions tabled at the meeting may be unable to be answered due to the requirement for technical research and will therefore be answered direct afterwards.

Questions must relate to a matter contained within the agenda of this meeting.

### **2. Public Address Session (only for items listed on the agenda)**

Addresses by members of the public who have completed Public Address Session Forms will be invited to be made at this point.

### **3. Disclosures of Financial Interest**

The Presiding Member to remind 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 is discussed.

*A declaration under this section requires that the nature of the interest must be disclosed. Consequently a member who has made a declaration must not preside, participate in, or be present during any discussion or decision making procedure relating to the matter the subject of the declaration.*

*However, other members may allow participation of the declarant if the member further discloses the extent of the interest. Any such declarant who wishes to participate in the meeting on the matter, shall leave the meeting, after making their declaration and request to participate, while*

*other members consider and decide upon whether the interest is trivial or insignificant or is common to a significant number of electors or ratepayers.*

#### **4. Disclosures of Interests Affecting Impartiality**

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

Committee members and staff are required, in addition to declaring any financial interests to declare any interest that may affect their impartiality in considering a matter. This declaration does not restrict any right to participate in or be present during the decision-making procedure.

The following pro forma declaration is provided to assist in making the disclosure.

"With regard to ..... the matter in item x..... I disclose that I have an association with the applicant (or person seeking a decision). As a consequence, there may be a perception that my impartiality on the matter may be affected. I declare that I will consider this matter on its merits and vote accordingly."

The member or employee is encouraged to disclose the nature of the association.

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

Members who have not read the business papers to make declarations at this point.

#### **6. Confirmation of Minutes**

##### **6.1 Sustainable Nedlands Committee Meeting – 16 July 2012**

The Minutes of the Sustainable Nedlands Committee held on 16 July 2012 are to be confirmed.

#### **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 Subcommittee Reports**

7.1.1 Energy and Waste

7.1.2 Water

7.1.3 Transport

7.1.4 Built Environment

Refer to attached report.

**7.2 Wind Turbines**

Mayor Hipkins will initiate discussion on the use of wind turbines. Please find attached a Windstream Technologies promotional document.

**7.3 Recycled Paper**

Mayor Hipkins will initiate discussion on the use of recycled paper envelopes.

**7.4 Plastic Bags**

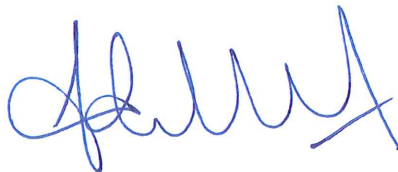
Mayor Hipkins will initiate discussion on Plastic Bag use within the City of Nedlands. Please find attached the City of Fremantle's Plastic Bag Reduction Local Law 2012.

**8. Date of Next Meeting**

The next meeting of this Committee is scheduled for Monday, 19 November 2012 commencing at 6.00 pm.

**Declaration of Closure**

There being no further business, the Presiding Member will declare the meeting closed.



Andrew Melville  
Acting Director Technical Services

**Draft Minutes of Meeting**

Date: 30.8.12

Venue 3 Burwood St

Present: BC/BT/KW/SH

Apologies: Nil

Chair: Bronwen Channon

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1. **May Meeting** - Carried Forward Action Items from 17.5.12 meeting - still live and ongoing

**Action Items A:** BT & KW to investigate insurance liability issues for the City in respect to building at coastal and river edges by investigating other local government areas NSW/SA/VIC/QLD

**Action Item B:** BC&SH&KW to investigate other local government initiatives and websites on education with the pressures of densification on the natural environment  
BC to do SA/VIC - KW to do NSW& QLD until SH is back.

2. **July Meeting** & Action Items

KW gave apologies for lack of minutes for July meeting.

July meeting focused on ways of raising awareness and educating the community in the Nedlands Natural environment. This included the Living Smart Program and support for existing community programs - i.e. the CoN Waterwise Garden competition

It was agreed that the action items arising out of that meeting were as follows:

Action Item C

- It was important to support the garden competition for the CoN and each sub committee member agreed to search out 2 gardens in the City of Nedlands for nomination. Closing date of competition is **28<sup>th</sup> September 2012.**

Action Item D

- Sue Hartley to give Kerry Walker contact of Living Smart (Closed out - KW has contacted Living Smart - Item on agenda for further meeting in September.
3. **August Meeting** - Meeting Minutes

Agenda items for the 31.8.12 meeting were as follows:

- 3.1 Exploration of other Local government initiatives and websites (state wide) with a focus on education the pressures of densification on the natural environment (Action Item B)
- 3.2 Paul Hardisty - Speaker for 19<sup>th</sup> November
- 3.3 Green World Revolution (Toby Wittington)
- 3.4 Plastic Bags -& Natural Environment
- 3.5 Diacom Visit - Feedback

### 3.1 Other Local Government Initiatives

Group work shopped Action Item B from May meeting. Looking at other local government websites and their educational resources with a key community question 'choosing plants for my garden?'

Bronwen Channon had done some prior research and the group looked at three Council websites in South Australia to compare with the CoN website and its resources [City of Burnside, St Peter, Unly] The group also looked at ease of user access to retrieving the information on the sites (number of clicks) and the systems logic of the URL path and the intuitive use of categorization for community users for starting points.

Comments of City of Nedlands when compared with other Local Government websites:

CoN website

- Found Under Menu Tab - City Services - Directed paths follow Health & Environment → Bushland Parks & Trees

Compared with other sites the retrieval of information was not intuitive and not easily retrieved.

When retrieved the information found too word and no illustrations

Suggestion: Best fit for educational information on the natural environment for the community would be under a "your environment" tab. This could include information on: trees, tree audit, city brochures, living smart, urban food security, community gardens, verge competitions.

**Action Item:** Possible changes to the website is an operational item but this idea will remain an open action item and is to be included in a broader strategic recommendation from the sub committee to the SNC.

### 3.2 Paul Hardisty

The Paul Hardisty talk has moved to the 21.11.12 as the Mt Claremont Library was not available on the 19<sup>th</sup>.

### 3.3 Green World Revolution (Toby Wittington)

Susan Hartley suggested that ideas from the social entrepreneur Toby Wittington could be explored in the City of Nedlands. Bronwen Channon played video of the Green World Revolution. Susan Hartley identified Asquith Reserve as an area, which was under utilized as a public park. It was suggested that this area could be looked at as a potential community garden where urban agriculture could be undertaken. Bronwen T maintained that the Hollywood Bowling Club already existed as a model within the City. SH & KW undertook a site visit after the meeting

**Action Item:** Group agreed to identify other underutilized spaces which could be potentially rejuvenated as urban agricultural spaces.  
KW: Melvista/Hollywood BT/SH: Mt Claremont BC: Dalkeith



### 3.4 Plastic Bags

The SNC plastic bag speakers were discussed. The sub committee agreed that the way in which commercial outlets set up their business to provide plastic bags (check out design) meant that the use of shoppers providing own shopping bags or the offering of choices by retailers such as paper bags was rendered difficult and from commercial perspective provision of bags is almost a fait au compli. Consequently, it was important that any switch of plastic bags would in the first instance be a drive to persuade the likes of IGA to swap from degradable plastic to non-food based compostable plastic bags.

This aside, the benefits of the now accepted cultural practice of accepting plastic bags was the benefit of reuse/recycle . This included the inside of home waste bins which reduced the need to use water to clean out plastic bins. Therefore, taking up this idea the sub committee looked at an initiative from the City of Norwood Payneham & St Peters where Kitchen Organic Baskets provided all households with a Green Organic Bin and 150 bags. It was suggested that adoption of waste composting within the City would require advocates and leaders of the community to raise awareness and promote.

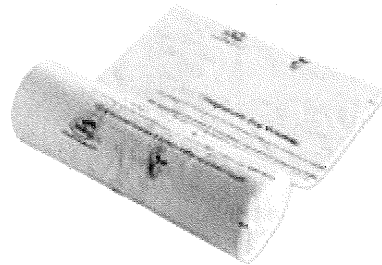
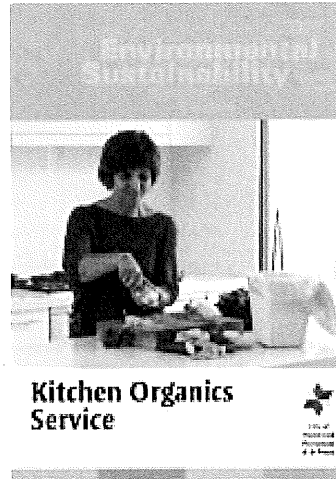
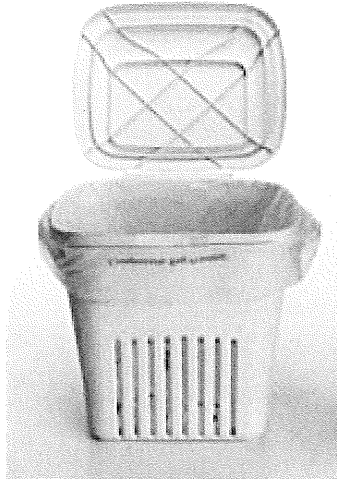
Action Item: Pass on idea to Waste sub committee.

<http://www.npsp.sa.gov.au/page.aspx?u=1889>

# Kitchen Organics Service

During May 2012, a Kitchen Organics Basket is being delivered to all households across the Council area. Inside will be a:

- Roll of compostable liner bags (150 bags - approximately 12 months' supply);
- Detailed user guide; and
- Reminder sticker for placing on your Green Organics Bin.



## 3.5 Diacom Visit

The visit to Diacom was discussed and positive feedback was received. Subcommittee would like to make a recommendation to the SNC that the natural environment committee endorse the negotiations of the City of Nedlands with the WMRC.

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- Scalable
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- Complements any solar installation

TurboMills® are optimized for low and turbulent wind speeds. This new distributed energy platform provides real customer value when compared with typical small-scale wind turbines.

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Ralph Wilson Stadium, Buffalo, NY  
November 2011



LACTEC, Headquarters, Curitiba, Brazil  
September 2011

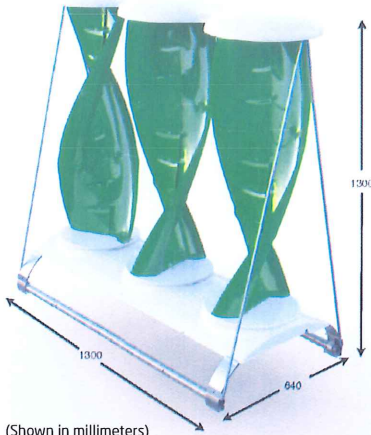


U.S. Embassy, Helsinki, Finland  
February 2011



# TurboMill®

*The affordable micro-wind energy system*



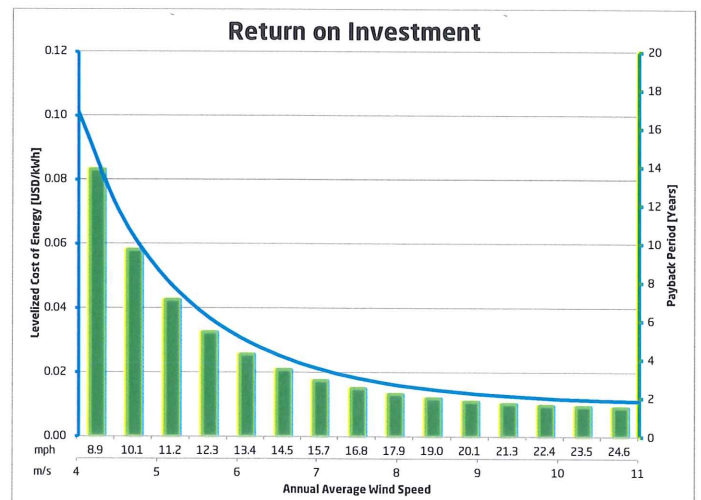
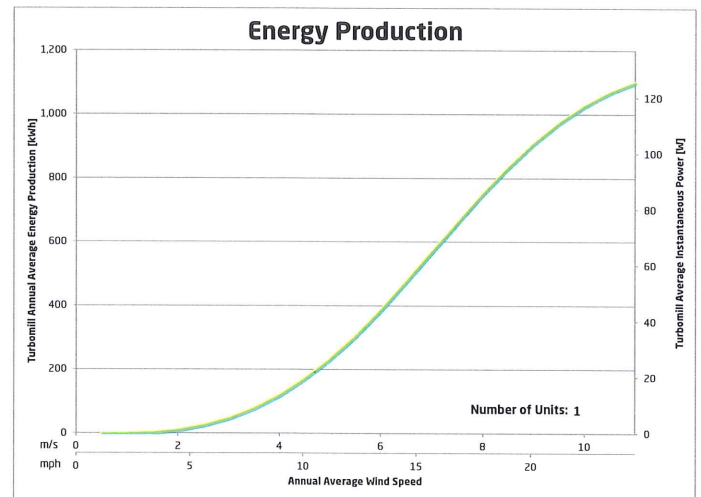
(Shown in millimeters)

## Installation Benefits

- Unique form factor, easily mounted to any building
- No complicated masts, guy wires, or towers
- Avoids engineering and permitting complexities
- Suitable for simple ballasted installation that avoids roof penetration
- Visually engaging design integrates with existing building architecture, custom colors available
- Durable construction, engineered for any environment
- Environmentally friendly, virtually silent

## Technical Specifications

<b>Energy Potential (Per Unit)</b>	230 kWh per year @ 5 m/s average wind speed
<b>Rated Power Output</b>	143 W @ 11 m/s
<b>Maximum Power Output</b>	500 W @ 17 m/s
<b>Maximum Voltage</b>	57 DC
<b>Maximum Current</b>	30 Amps
<b>Rotor Diameter</b>	12.99 in   0.33 m
<b>Cut-In Wind Speed</b>	4.5 mph   2 m/s
<b>Cut-Out Wind Speed</b>	38.03 mph   18.5 m/s
<b>Swept Area</b>	1,519 in <sup>2</sup>   0.980 m <sup>2</sup>
<b>TurboMill® Dimensions</b>	51.18 in x 51.18 in x 25.197in
<b>Weight</b>	82.3 lbs   37.33 kg
<b>Turbine Material</b>	Galvanized G-90 Steel
<b>Corrosion Prevention</b>	PPG Spectracron® 360 2K
<b>Electrical Connection</b>	On-Board Battery Charge Controller Grid-Tied Inverter (Optional)
<b>Generator</b>	Brushless, Permanent Magnet Generator
<b>Design Life</b>	20 Years



**LOCAL GOVERNMENT ACT 1995**

CITY OF FREMANTLE

**PLASTIC BAG REDUCTION LOCAL LAW 2012**

Under the powers conferred by the *Local Government Act 1995* and under all other powers enabling it, the Council of the City of Fremantle resolved on \_\_\_\_\_ 2012 to make the following local law.

**1. Citation**

This local law may be cited as the *City of Fremantle Plastic Bag Reduction Local Law 2012*.

**2. Commencement**

This local law comes into operation 180 days after the date of its publication in the *Government Gazette*.

**3. Application**

This local law shall apply throughout the district.

**4. Definitions**

In this local law unless the context otherwise requires -

**"Act"** means the *Local Government Act 1995*;

**"alternative shopping bag"** means:

- (a) a biodegradable bag; or
- (b) a reusable plastic bag.

**"authorised person"** means a person authorised by the local government, under section 9.10 of the Act, to administer or enforce this local law;

**"biodegradable bag"** means a carry bag comprised of material of a type that has been assessed and tested in accordance with the relevant standard and can, in accordance with the relevant standard, be designated as compostable;

**"single use plastic shopping bag"** means—

- (a) a carry bag—
  - (i) the body of which comprises (in whole or in part) polyethylene, polypropylene or polyethylene terephthalate with a thickness of less than 60 microns; and
  - (ii) that includes handles;

but does not include—

- (b) a biodegradable bag;
- (c) a reusable plastic bag; or
- (d) a plastic bag that constitutes, or forms an integral part of, the packaging in which goods are sealed prior to sale.

**"Regulations"** means the *Local Government (Functions and General) Regulations 1996*;

**"relevant standard"** means AS 4736/2006 (as in force from time to time);

**"retailer"** means a person selling retail goods;

**"reusable plastic bag"** means a carry bag:

- (a) the body of which comprises (in whole or in part) polyethylene, polypropylene or polyethylene terephthalate with a thickness of 60 microns or more; and
- (b) that includes handles.

**5. Retailer not to provide single use plastic shopping bag**

- (1) A retailer shall not provide a single use plastic shopping bag to a customer as a means of carrying goods purchased, or to be purchased, from the retailer.
- (2) It is a defence to a charge under subclause (1) if the retailer proves that he or she believed on reasonable grounds that the bag was not a single use plastic shopping bag.
- (3) The prohibition contained in subclause (1) applies whether or not a fee is charged to the customer for provision of a single use plastic shopping bag.

**6. Charge to be imposed for provision of alternative shopping bag**

A retailer shall not provide an alternative shopping bag to a customer as a means of carrying goods purchased, or to be purchased, from the retailer unless the retailer requires the customer to pay a fee of not less than 10 cents for the provision of the alternative shopping bag.

**7. Person must not represent that supplied single use plastic shopping bag is not a single use plastic shopping bag**

A person shall not sell, supply or provide a bag to another knowing that it is a single use plastic shopping bag if prior to, or in the course of, selling, supplying or providing the bag, the person represents to the other that the bag is not a single use plastic shopping bag.

**8. Offences and general penalty**

- (1) Any person who fails to do anything required or directed to be done under this local law, or who does anything which under this local law that person is prohibited from doing, commits an offence.
- (2) Any person who commits an offence under this local law is liable, upon conviction, to a penalty not exceeding \$5,000, and if the offence is of a

continuing nature, to an additional penalty not exceeding \$500 for each day or part of a day during which the offence has continued.

**9. Prescribed offences**

- (1) An offence against a clause specified in Schedule 1 is a prescribed offence for the purposes of section 9.16(1) of the Act.
- (2) The amount of the modified penalty for a prescribed offence is that specified adjacent to the clause in Schedule 1.
- (3) For the purpose of guidance only, before giving an infringement notice to a person in respect of the commission of a prescribed offence, an authorized person should be satisfied that –
  - (a) commission of the prescribed offence is a relatively minor matter; and
  - (b) only straightforward issues of law and fact are involved in determining whether the prescribed offence was committed, and the facts in issue are readily ascertainable.

**10. Form of notices**

- (1) For the purposes of this local law -
  - (a) the form of the infringement notice given under section 9.16 of the Act is that of Form 2 in Schedule 1 of the Regulations; and
  - (b) the form of the notice referred to in section 9.20 of the Act is that of Form 3 in Schedule 1 of the Regulations.

