Sustainable Design Assessment in the Planning Process

Yarra’s experience and case studies
SDAPP Framework

Process

Determine your SDAPP category

<table>
<thead>
<tr>
<th>LARGE</th>
<th>MEDIUM</th>
<th>SMALL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residential Development of 10 or more dwellings Non-residential 1. Development of a building with a gross floor area of more than 1000m² 2. Alterations and additions greater than 1000m²</td>
<td>Residential 1-9 new dwellings Non-residential 1. Development of a building with a gross floor area of 100m² and 1000m² 2. Alterations and additions between 100m² and 1000m²</td>
<td>All planning applications other than described in the categories Medium and Large.</td>
</tr>
</tbody>
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Consider arranging pre-application meeting

Prepare SMP

Prepare SDA

Council’s ESD advice

diverse vibrant exciting inclusive
SDAPP at Yarra

Program snapshot

• Adopted the framework in 2011
• Financial Member of CASBE
• Highly active in STEPS and SDS tool upgrade
• EED policy partner
• 100% participation at SMP level
• Every large building in the last 9 months specified a rainwater tank or raingarden / biofilta
Communication
With the development industry
Church St, Richmond
Site Details

**Building address:** 366 Church Street, Richmond

**Client:** Medley Group Pty Ltd

**Architect:** JamArchitects

**Building type and size:** 4 storey apartment, with 31 apartments
Church St, Richmond
Energy Efficiency

- External retractable blinds
- 2 - 3 kW photovoltaic system
- Gas boosted solar hot water system
- Minimum 5 star energy rating for heating and cooling
- Double glazing to external windows
Church St, Richmond

Water Management

- 20,000 litre water tank
- Water efficient fittings
Church St, Richmond

Process

- Lodged early 2011
- Short ESD statement submitted
- ESD advisor assessment
- Willingness to engage
- Updated statement and permit issued
- Build completed early 2013
Swisse Vitamins HQ, Collingwood

Site Details

**Building address:** 36 - 38 Gipps St, Collingwood

**Client:** Swisse

**Architect:** Six Degrees

**ESD Consultant:** Hampton Sustainability

**Building type and size:** 4 storey commercial redevelopment of existing building
Swisse Vitamins HQ, Collingwood
Energy Efficiency & IEQ
Swisse Vitamins HQ, Collingwood
Water Management & Transport

- 2,200 litre water tank
- Water efficient fittings
- 42 bike parks and 17 car parks
- Showers, change facilities and 45 lockers
- Green travel plan prepared by Ratio Consultants
Swisse Vitamins HQ, Collingwood

Process

• Lodged August 2012
• SMP as part of Further Information Request
• GTP submitted voluntarily in conjunction with SMP
• Some neighbour concerns with car parking, however traffic assessment and GTP with generous bike parking assisted with final approvals
• Permit issued in March 2013 & architectural detail design under way..
Thank you
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