

**Greening Healthcare Sector Think-tank
October 2014 Brisbane**

**Australasian HealthCare
Infrastructure Alliance
(AHIA)
ESD Sub Group**

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THE AUSTRALASIAN HEALTH INFRASTRUCTURE ALLIANCE (AHIA)



The AHIA comprises the senior asset manager from the public health authority of each Australian state and territory and from New Zealand. The AHIA has a commitment to collaborate on the development of best practice and sharing of solutions for common issues in capital and asset management.

Previous Interstate ESD Collaborations

Collaborative ESD project between state Health Departments			
<i>Date</i>	<i>Project</i>	<i>Involved</i>	<i>Output</i>
2009	<i>GreenStar Healthcare Cost Benefit Analysis</i>	Vic, SA & ACT	175 page report & associated spreadsheets
2010	<i>Section J BCA Energy Modelling Project</i>	All Jurisdictions (other than New Zealand).	3 interrelated reports (162 pages in total) & associated spreadsheets
2010	<i>AHIA Letter to the Department of Climate Change and Energy Efficiency in response to the Mandatory Disclosure Consultation Paper.</i>		Letter sent to the Commonwealth by Chair of the AHIA on behalf of all jurisdictions.
2011	<i>Environmental Sustainability In The Australian Public Health Care System. Findings Of An Australasian Healthcare Infrastructure Alliance Member Survey.</i>		30 page report

THE AHIA ESD SUB GROUP

- First met March 2013 with 7 meetings to date .
- The ESD Sub Group meets quarterly by teleconference.
- Minutes and agendas are issued for each meeting.
- A SharePoint Site has been established for ESD Sub Group members

AHIA ESD Sub Group - Membership (@Sept 2014)		
State	Contact	Title
SA	Brendan Hewitt	Group Director Infrastructure
	Rob Bunting	Senior Environmental Officer
Vic	Tiernan Humphrys	Manager Environmental Sustainability
	Spira Stojanovik	Energy and Data Manager
NSW	Ben Cohen	Associate Director Planning and Technical
	Ashwin Singh	Senior Project Officer, Environmental Sustainability & Facilities
	Emma McCue	A/Manager, Facility Co-Ordination Unit
	Fabrice Petitfrere	Senior Analyst - Water and Energy programs
QLD	Nicolas Massey	Director Building Services
	Clare Mitchell	Energy Efficiency Team
TAS	Gregory Cooper	Acting Director
	Martin Bullen	Energy Analyst
	Theresa Geiran	Energy and Water Benchmarking
WA	David Jones	Program Coordinator
	Ian Johnson	Health Facility Planner
ACT	Linda Bower	Senior Manager, Business Continuity and Sustainability
	David Dredge	Director Infrastructure Support
	Elliot Fravel	Senior Energy Project Officer
NT	Johanna Kieboom	Health Energy Manager

TERMS OF REFERENCE

1. OBJECTIVES

- 1.1. Leveraging off existing state-based projects at the national level.
- 1.2. Sharing of best practice between jurisdictions and learning from each other.
- 1.3. Pooling resources to deliver projects of common interest.
- 1.4. A common and unified understanding of sustainability in healthcare.

2. SCOPE:

2.1. A broad definition of ESD is to be adopted including:

- a) Hard green aspects of ESD; eg reducing energy and water consumption.
- b) Soft green aspects of ESD; eg improving indoor-environmental-quality.
- c) Reducing consumption of resources; eg building flexibility, reuse and low impacts building materials.

2.2. The initial focus will be on:

- a) Integrating ESD into capital project.
- b) Integrating ESD into practices and projects within existing facilities.
- c) Energy and water benchmarking.

ACTIVITIES & AGENDA ITEMS

1. Energy & Water Benchmarking
2. Alternative ESD rating tool and approaches for capital projects (alternatives to GreenStar).
3. Alternative HVAC Life Cycle Assessment tools and processes. .
4. Energy Data Management Software (EDMS).
5. Energy Bill verifications tools and processes
6. Carbon Footprint Reporting framework
7. Energy Performance Contracting (EPC's)
8. The new GreenStar Performance tool for existing facilities.
9. Voltage Optimisation.
10. Lighting upgrades
11. Maximum Demand management strategies
12. Using Diesel generators as peak load loppers, including selling into the spot market.
13. Review of the Engineering & ESD Sections of the National Healthcare Facilities Guidelines