



Queensland Health, Capital Works & Asset
Management Branch (CW&AMB)

QUEENSLAND HEALTH INDUSTRY BRIEFING

Australasian Health Facility Guidelines

20 September 2006

Web: www.chaa.net.au

OVERVIEW OF PRESENTATION

Introduction

Craig Carpenter, *Senior Director, Capital Works & Asset Management Branch, Qld Health*

Australasian Health Facility Guidelines

Jane Carthey, *Director, CHAA, UNSW*

Patrick Chu, *Research Fellow, CHAA, UNSW*

NSW Health Facility Briefing System

Phil Senior, *NSW Health*

Queensland Implementation Plan

Jenny Hands, *a/c Principal Project Officer, Capital Works & Asset Management Branch, Qld Health*

Questions and Discussion

Overview of CHAA Presentation:

Australasian Health Facility Guidelines:

Jane Carthey, Director, CHAA

- **CHAA research program** including Health Facility Guidelines
- **Aust HFG Project:** development parameters, structure, governance, features, review and variation processes.

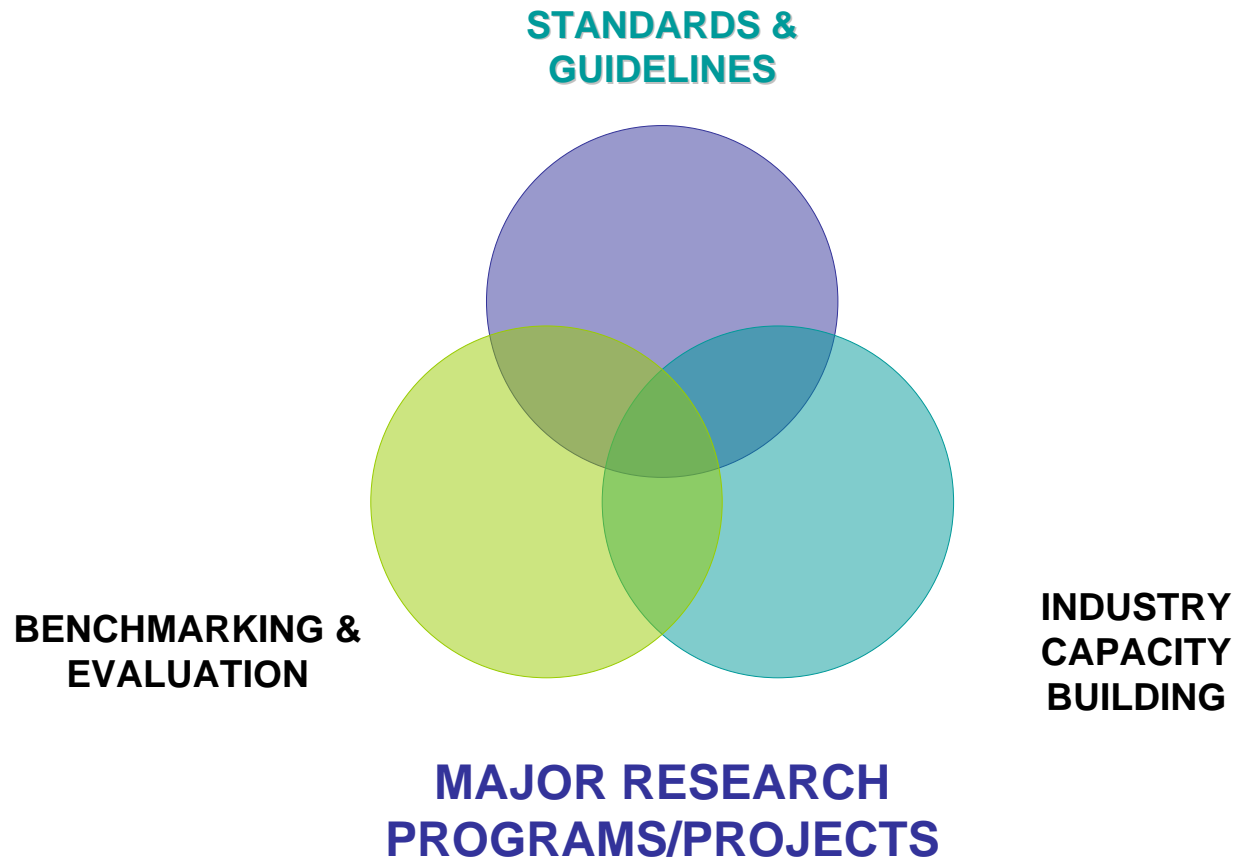
Patrick Chu, Research Fellow, CHAA

- **Project Coordination** Working Party Progress
- **Time Frame** for Review
- **Demonstration:** Aust HFG website

CHAA Research Themes

1. Health facility standards and guidelines
2. Benchmarking and post occupancy evaluation
3. Capacity building/knowledge management

CHAA Research Programs



CHAA Research Program

1.0 STANDARDS & GUIDELINES 2006

1.1 NSW Health Facility Guidelines

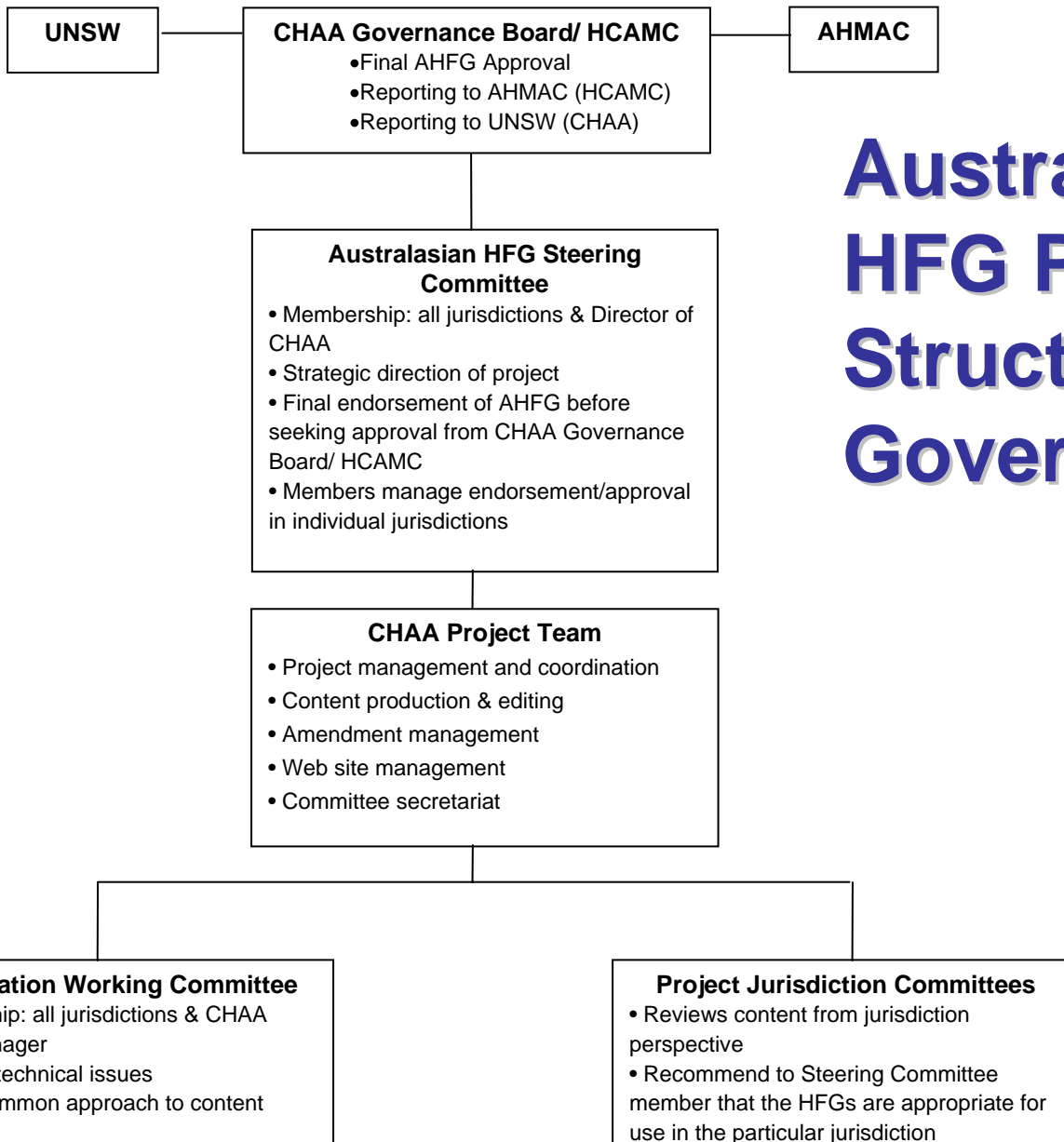
- *continues* development of the NSW guidelines that continue to be translated into the Australasian project.
- *develops* HFG content for use by NSW Health Facility Briefing system

CHAA Research Program

1.0 STANDARDS & GUIDELINES 2006

1.2 Australasian Health Facility Guidelines

- In 2005 *analysed* the needs of each jurisdiction
- In 2006 project has been conducted in accordance with a *work and implementation plan*.



Australasian HFG Project Structure & Governance

Australasian Health Facility Guidelines

- **System Parameters include**

- Regulatory environment – mandated or advisory only
- Public and private funder requirements
- Quality/experience/availability of design consultants
- Feedback loops
- Political climate



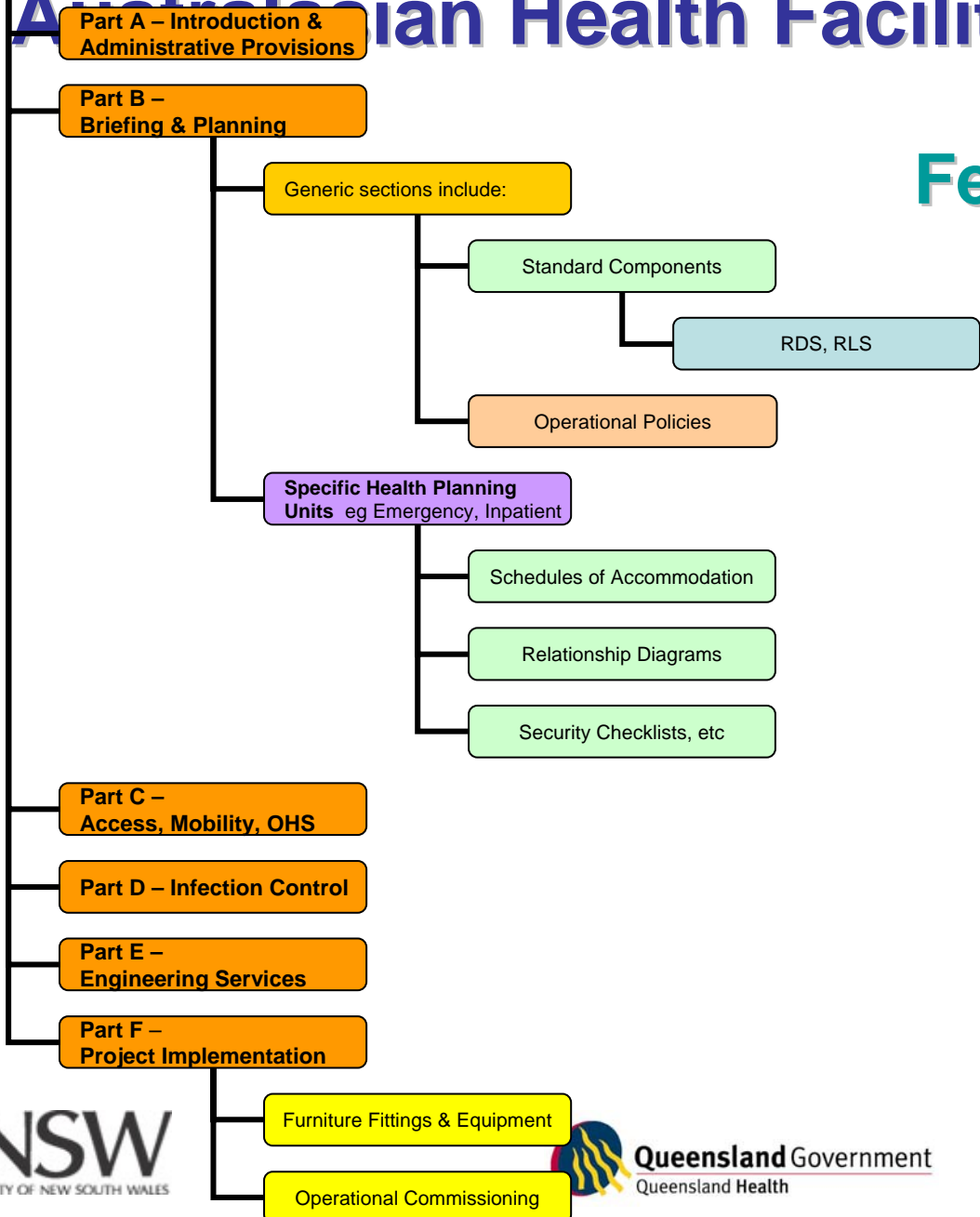
Australasian Health Facility Guidelines

• Key Assumptions

- Reduce debate over repeatable elements
- Simplify design process
- Reduce design variations
- Reduce need for consultation/user groups
- Reduce design time
- Meet minimum legal obligations – standards, codes, etc



Australian Health Facility Guidelines



Features

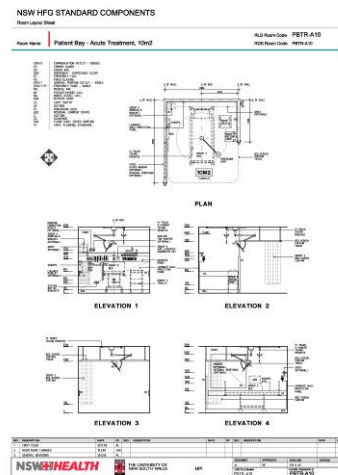
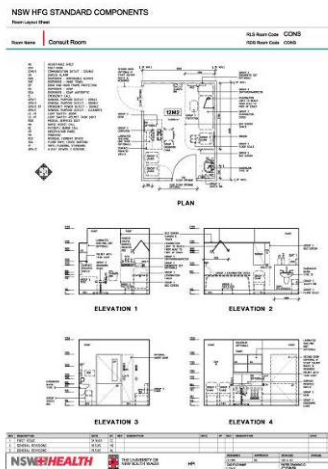
- Web access
- Minimal costs to use
- Links to NSW Health Facility Briefing System for use on projects
- Generic parts that cover all health facilities – std comps, RDS, RLS (PDF format)
- Specific parts for specific hospital units HPU (health planning units) or departments

Australasian Health Facility Guidelines

• Health Facility Guidelines are:

- Body of knowledge
- Acceptable/recommended standards to support healthcare delivery
- Focus on smallest element
 - ‘room/space’
- Purpose is **briefing** not prescriptive design

Component	Status
Part A - Intro	<input checked="" type="checkbox"/>
Part B - SP	<input checked="" type="checkbox"/>
Part C - Assoc OHS	<input checked="" type="checkbox"/>
Part D - Inf Control	<input checked="" type="checkbox"/>
Part E - Bldg Serv etc	<input checked="" type="checkbox"/>
Part F - Op Cost	<input checked="" type="checkbox"/>
Part G - Appendix	<input checked="" type="checkbox"/>
Attachment	<input checked="" type="checkbox"/>
Initial ID	<input checked="" type="checkbox"/>
Colours ID	<input checked="" type="checkbox"/>
Status	<input checked="" type="checkbox"/>
Room Code	<input checked="" type="checkbox"/>
X Ref	<input checked="" type="checkbox"/>
Hyperlink	<input checked="" type="checkbox"/>
Emergency Code	<input checked="" type="checkbox"/>
Operating Theatre	<input checked="" type="checkbox"/>
Infection Care List	<input checked="" type="checkbox"/>
Antibiotic Class	<input checked="" type="checkbox"/>
Induction Class	<input checked="" type="checkbox"/>
Isolation List	<input checked="" type="checkbox"/>
Community Health	<input checked="" type="checkbox"/>
Operational Comments	<input checked="" type="checkbox"/>
Plans / Images / Links	<input checked="" type="checkbox"/>
Print Occupancy Cost	<input checked="" type="checkbox"/>



Australasian Health Facility Guidelines

Current status

- **Generic sections that have been reviewed for Australasian use:**
 - Part A
 - Part B (general, std comps)
 - Part C
 - Part D
- **Generic Sections developed for Australasian use:**
 - Part E Engineering Services
- **Generic Section to remain NSW specific**
 - Part F Project Implementation

Australasian Health Facility Guidelines

Current status

- **HPU (based on NSW content) available *now*:**
 - Ambulatory Care
 - Community Health
 - Emergency
 - Inpatient
 - Intensive Care
 - Operating
 - Mental Health (adult acute)
 - Adolescent & Child Mental Health
 - Ambulatory Mental Health
 - Psychiatric Emergency Centre (PEC)
 - Allied Health
 - Clinical Information
 - Medical Imaging (CAT, MRI, PET, general)
 - Maternity
 - Paediatric/Adolescent
 - Rehabilitation
 - Renal Dialysis

Australasian Health Facility Guidelines

Current status

HPU in development 2006/07:

- Pathology
- Oral Health
- Multipurpose Centre
- CSSU
- Day Procedure
- Main Entrance
- Administration
- Mortuary
- Staff Amenities
- Aged Person Psychiatric
- Radiotherapy
- Nuclear Medicine (2007)
- Ambulance Station (2007)

Plus Part D Infection Control – major review (2007)

Australasian HFG Parts

Website hosting 'Australasian HFG'

- Commentary (C) – website information/introductory pages, entry point to:

Health Facility Guidelines:

Different purposes/different parts

- Guidance (G) - 'how to do it'
- Performance requirements/recommendations (P) – 'what it should do'
- Advisory (A) – examples of how to achieve it'

Australasian HFG – Status of Different Sections

HFG Part/ component	Guidance (G) <i>'How to do it'</i>	Performance Requirements (P) <i>'What it should do'</i>	Advisory (A) <i>'Examples of how to achieve it'</i>
Status	Not mandatory	May be 'mandatory' or recommended'	Not mandatory but may be: normative' or 'informative'
Part A Introduction & Instructions for Use	How to Use the Guidelines, Outline of structure, content and purpose of each section, Terms of Reference, Tables of abbreviations, glossary, References and further Reading	Not applicable	Not applicable
Part B Briefing and Planning	Section 80 General Requirements (whole section) All HPU sections: -Introduction -Planning Principles	All HPU sections: -Design -Components of the unit: general provisions	Section 90 Standard Components All HPU sections: -Non Standard Components -Schedules of accommodation -Functional Relationship Diagrams -Security Issues/checklists -Other checklists (if produced) -Room Data Sheets -Room Layout Sheets
Part C Access, Mobility, OHS and Security	Introduction Planning	Space Standards and Dimensions Human Engineering Signage Safety and Security	Checklists
Part D Infection Control	General Requirements Construction and Renovation References	Building elements – hand washing Surfaces and Finishes	Checklists
Part E Engineering Services	Introduction (under construction)	Other Sections (under construction)	Checklists (under construction)

Australasian Health Facility Guidelines

Does it matter how we classify different parts?

- Some jurisdictions wish to mandate all or part of the guidelines e.g. private hospital regulation
- Implications for the language used – BCA, Standards/Codes, Natspec examples.
- Categorisation allows legislation to refer to only the parts that can or will be mandatory
- Otherwise the guidelines are ‘recommended’ practice only (default position).

Australasian Health Facility Guidelines

Variations to Guideline requirements:

- HFG content – handled at National level (CHAA)
- Particular project/State based variations – handled at State level
- Suggested criteria for variations (NSW trialling)
 - Safety of patients, staff, community
 - Quality of service delivery
 - Quality of facility design (*eg may improve flexibility of use/future proof/streamline construction of this facility*)
 - Direct financial benefit (*must be quantifiable*)
 - Capital cost
 - Operational cost

Australasian Health Facility Guidelines

Review Process:

- Regular review of all sections – ‘sunset dates’
- Standardised commentary form – track comments received/processing/audit trail
- Input from Variation process – Aust/State
- Input from Benchmarking & POE projects
- Input from all CHAA research i.e. the ‘evidence base’ – healthcare designers’ survey, HAI project, culture and health, etc.
- Process of continuous improvement

Australasian Health Facility Guidelines

➤ Lessons Learnt in HFG development

- 'Evidence base' required
- Briefing 'starting point', not a design substitute
- Must be translatable to 'real' space
- Must allow/support > one operational model
- Anticipate the future
- Never finished!



Australasian Health Facility Guidelines

➤ Conclusions

- Must be a 'life jacket' not a 'straight jacket'
- Support, not stifle, innovation
- Cost-benefit analysis should be required for major changes
- Allow designers to do their jobs – don't do it for them!
- Support the delivery of better health care

Australasian HFG Development

AUSTRALASIAN HFG - DRAFT DOCUMENT FOR INTERNAL REVIEW ONLY - NOT FOR INDUSTRY USE

UNSW **Australasian HFG**
THE UNIVERSITY OF NEW SOUTH WALES
SYDNEY • AUSTRALIA

**Australasian
Health
Facility
Guidelines**

- **Aust HFG Project**
 - Project Coordination Working Party Progress Report
 - Time frame for review
 - Demonstration: Australasian HFG Website

Australasian HFG Development

- **Project Coordination Working Party Progress Report**
 - **Part A** – review completed, final draft issued to all jurisdictions for approval on 1 September.
 - **Part B (Section 80 only)** – review completed, final draft issued to all jurisdictions for approval on 1 September.
 - **Part C** – reviewed – issued for approval on 1 September, to undergo further review in 2007.
 - **Part D** – review, requires major review/further development in 2007
 - **Part E** – review completed. WA opted out. Issued to other States for approval on 1 September.
 - **Part F** – no review required as published as NSW specific document for individual jurisdictions to approve or not for use in their domain.
 - **Part B** – 28 HPU (19 + extra 9 by end of 2006) – all jurisdictions agreed to publish NSW versions document as working draft for industry use for 12 months – to be reviewed at end of 2007.
 - **Standard Components – 157(RDS & RLS)** – all jurisdictions agreed to publish existing document as working draft for industry use.
 - **Website Development** – release draft under review by all jurisdictions as at 1 September. Projected release for end of November 2006

Australasian HFG Development

Part A	Release review at 1 September
Part B S80 General	Release review at 1 September
Part C	Release review at 1 September/further review in 2007
Part D	Release review at 1 September NSW version – major review/rewrite in 2007
Part E	Release review at 1 September
HPU/Part B S90 Std Components	Accept NSW versions as they stand; review at end of 2007
Website update	1 September – issued for final review
HFG Release	Jurisdictional approvals sought for release at end November 2006

Note that additional time may be required for jurisdiction-based approvals processes.

Australasian HFG Development

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