Built Pedagogy

g5

rome	FAREstudio
santiago	sabbagh aquitectos
barcelona	bet figueras
melbourne	six degrees
melbourne	arup engineers

A cross-section of the University's and the Faculty's aspirations

THE UNIVERSITY OF MELBOURNE

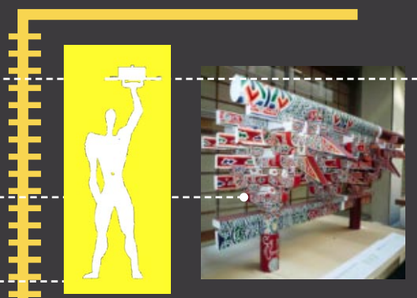
tech
crescam
society
laude
nology
hist
ory
postera

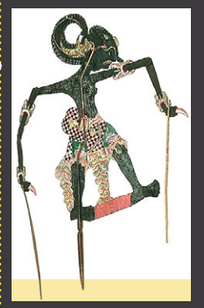
Can a building reflect the institution?

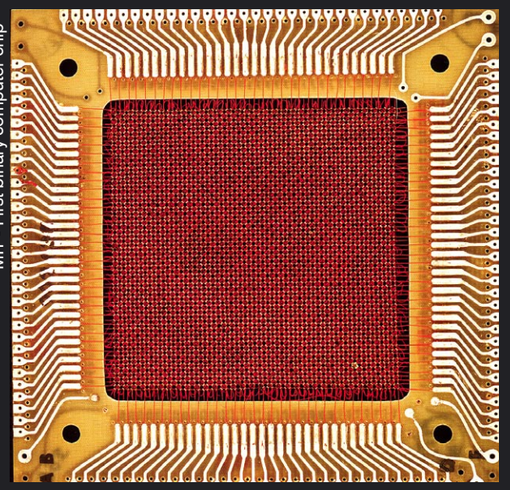
evolution of intellectual and physical boundaries

transformation of tools
(instance)

longevity of ideas
(organum)







MIT - First binary computer chip

Marcel Duchamp

FUTURE (↔)

transparency of intellectual labour

seduction of material work

construction of a public -wareness

imprinted knowledge

collegium

research

public interface

public domain

PRESENT PROGRESSIVE

crit(ical) training
embodied knowledge

public domain

UNIVER-CITY FLOW

embedded knowledge

PAST

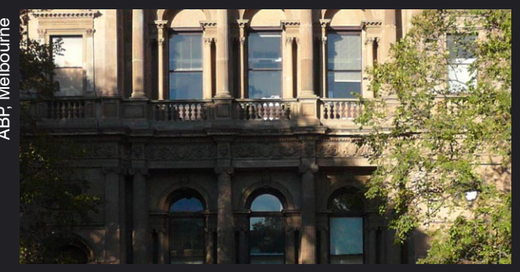
world of materials

material world

Japanese Room, Garden, Bank facade:
A tradition in dislocation.

Can history be horizontal?
Can it define the lie of the land?
Can topography be curated?
Can memory surface?

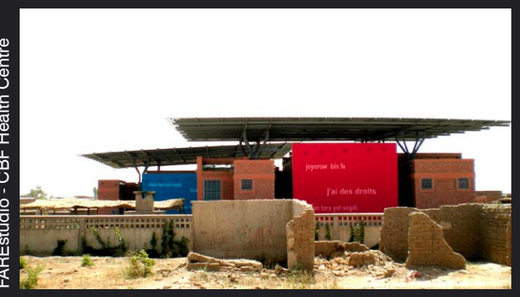
Sabbagh Acquitectos



ABP, Melbourne

Carlo Scarpa - IUAV, Venice

ABP, Melbourne



FAREstudio - CBF Health Centre

Living Building

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melbourne six degrees
melbourne arup engineers

Progressive Institution, In-progress Building

{Specialization: The structural adaptation of some body part for a particular function}

The Tradition of the ‘New’

Building as infrastructure (adapt, transform)

Solid body, loose fit (accomodate change, allow incremental growth)

Fluid connections (favour natural flows of ideas, facilitate replenishment)

Separate but combinable (think) tanks

Add-ons (experience diversity)

Capillary sensors (feel, compare, memorize)

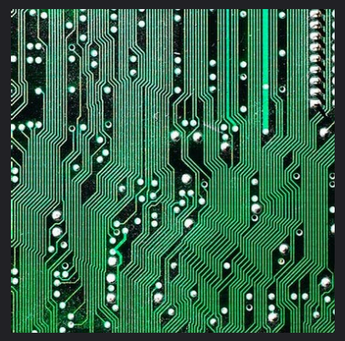
Fourth skin (constantly renew)

Sabbagh Acquitectos
Duoc Corporate Building

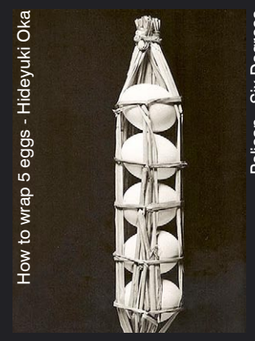
Banksy

A Sail Fortue

Iconic	vital expression of sustainability
Flexible	various sources of energy
Experimental	zero carbon, real environmental gains
Laboratory	light, technology, equipment for change
Unfinished	allow for future systems integration
Collaborative	many authors, one culturalaim
Crafted	express the systems toward learning goals



How to wrap 5 eggs - Hideyuki Oka



Pelican - Six Degrees

Roaslie Gasgoine

PSI Vegetable Garden, New York

Design Studio : Cutting edges and blurring boundaries

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melbourne	six degrees
melbourne	arup engineers

The building environment as studio

Inclusive Space

Mediateques

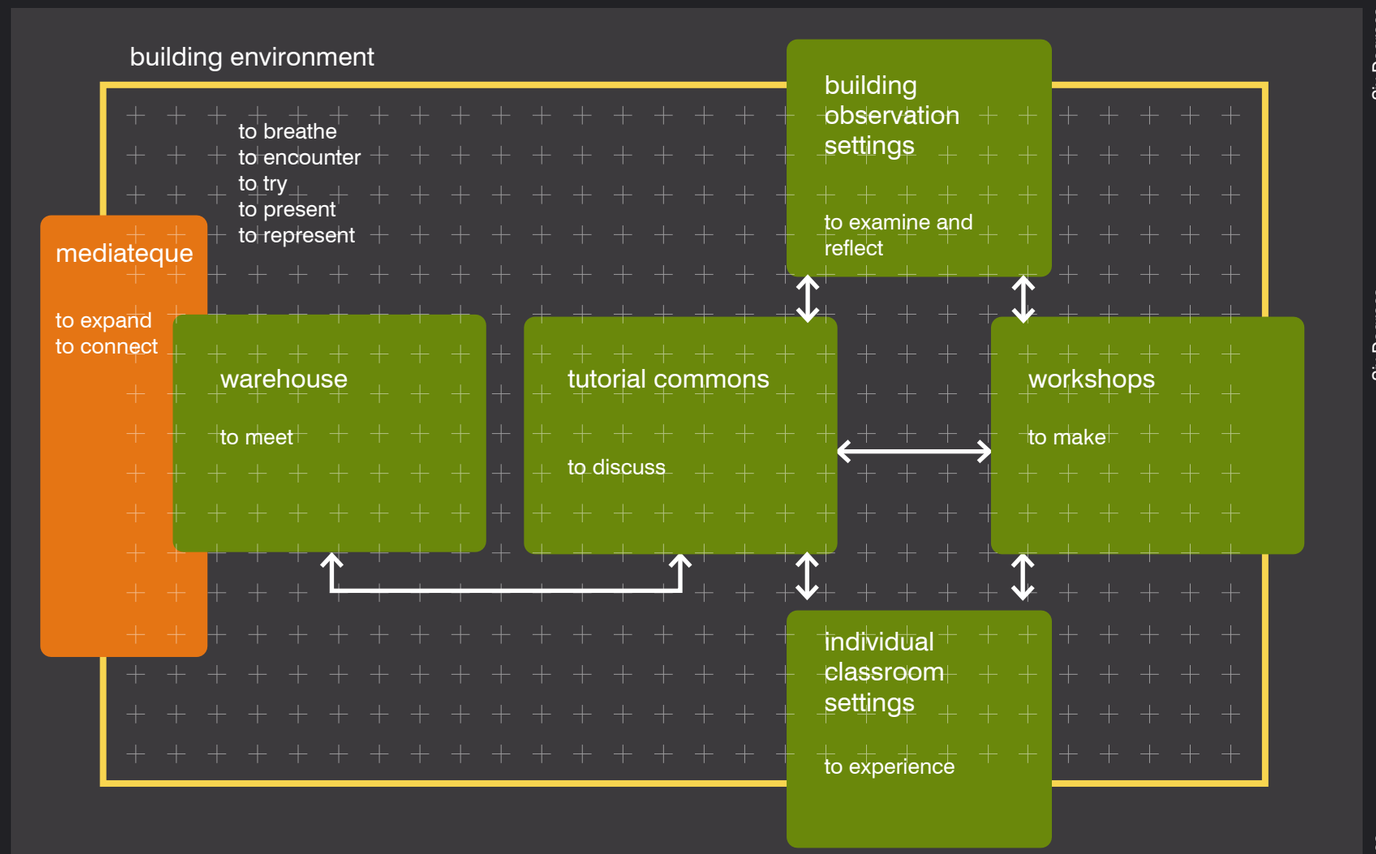
Student Wares' house

Tutorial Commons

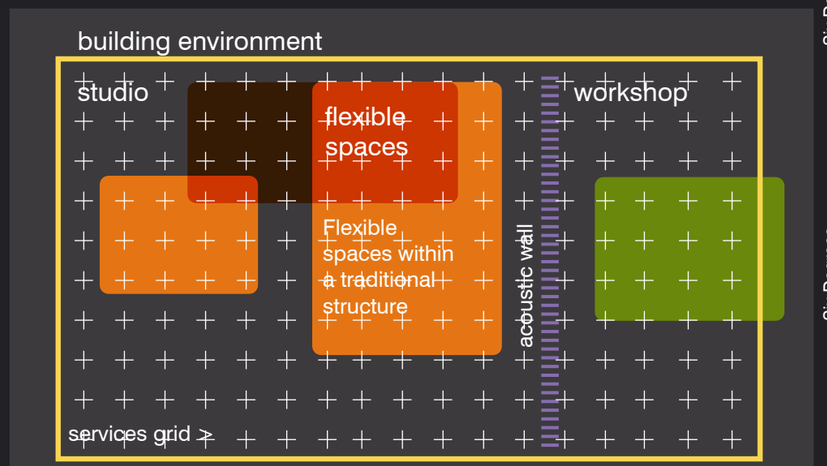
Work Shops

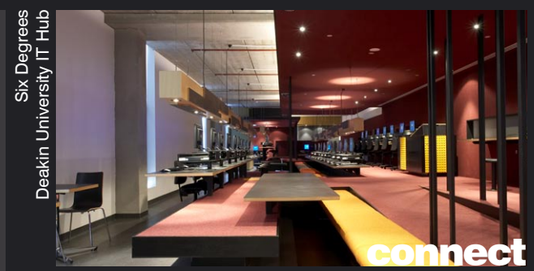
Classroom Settings

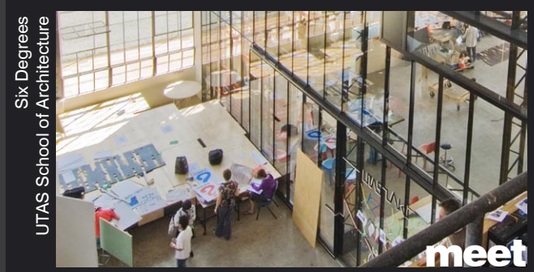
Building Observation Settings

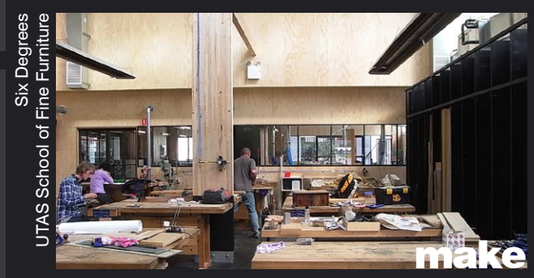


Flexible	spaces used for multiple purposes
Rooted	grown in place, branching out
Robust	durable structures
Unfinished	raw and believable spaces
Collaborative	many design positions, one educational goal
Crafted	details to surprise and intrigue









Academic Environment

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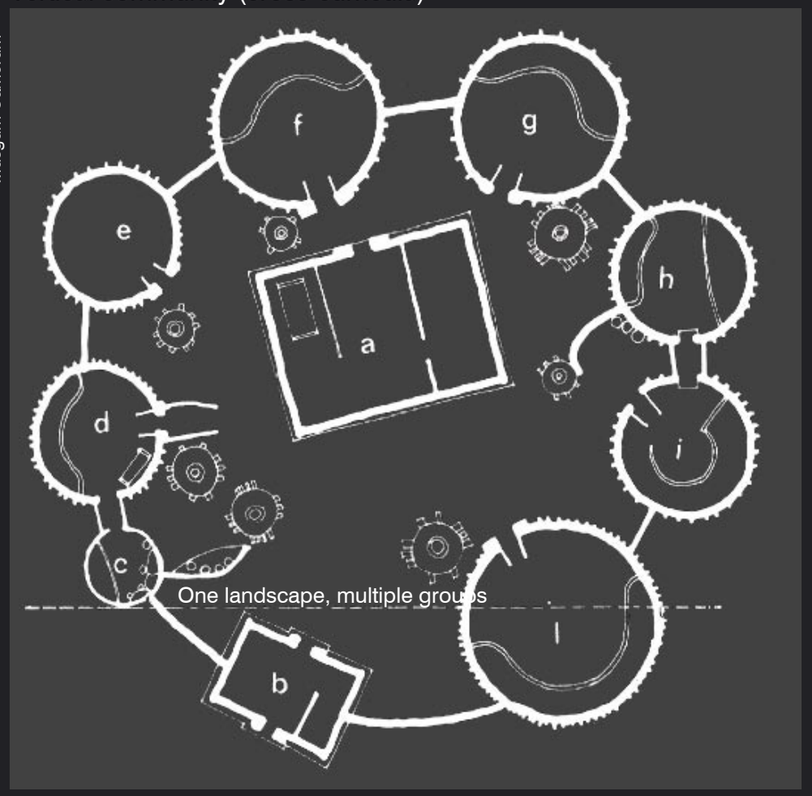
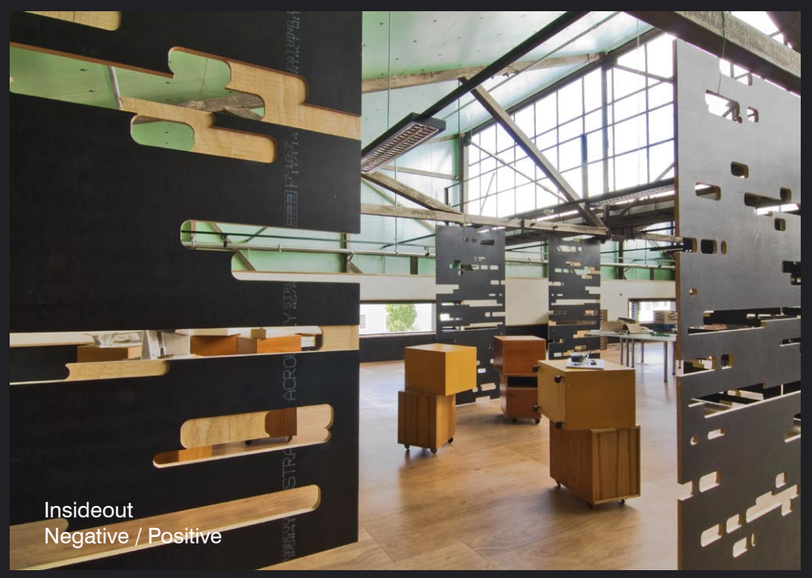
Study and studios

Vertical community (cross-curricula)

Musgum Camerum



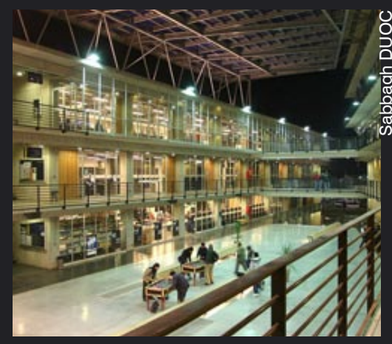
UTAS
Six Degrees Architects



National Gallery Canberra

Work as totems for collective discussions

Sabbagh DUOC Puente Alto Santiage



Action theatre

Aldo van Eyck

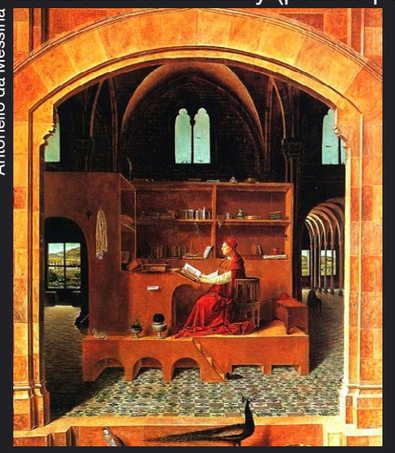
Horizontal walls / public desk crits

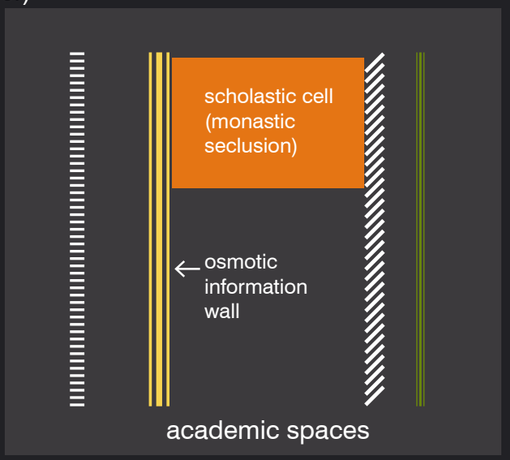
CBF, Burkinaf Fazso
Fare Studio

Clusters of functional and elective ifinities

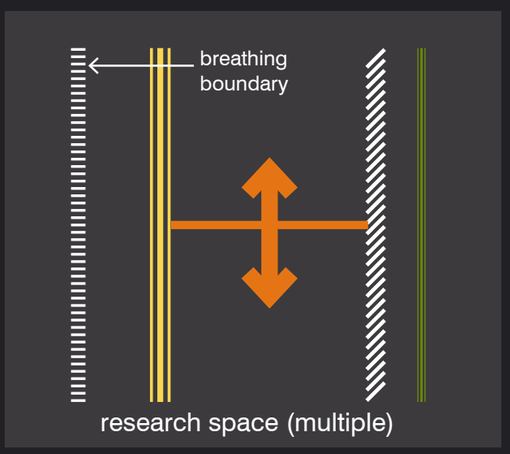
Horizontal community (peer to peer)

Saint Jerome
Antonello da Messina

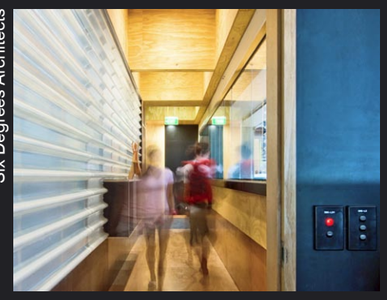




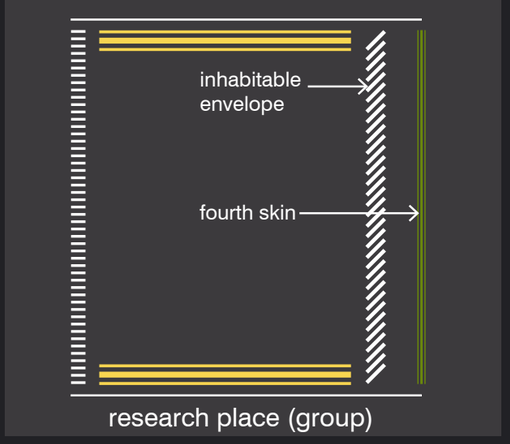
Saint Catherine Monastery



UTAS, Launceston
Six Degrees Architects



Readings bookshop
Carlton



Process and Outcomes

Innovation

Degree of innovativeness of project-related decisions

solution proposed in line with context or expectations for a building of this type in this market

solution proposed in line with the specific objectives of the client and the specific objectives of the design proposal

solution proposed introducing new dimension to the discussion about program, type, and architecture

solution proposed highly innovative with respect to context, building type conventions, and previous architectural solutions

01 Topographic curation of history

02 Compositional logics internal to building relations

03 Fundamental connections between skeleton and organs

04 Cutting edge use rather than cutting edge hardware

05 Learning by procuring, making (visible), demonstrating, experiencing and exchanging

06 Participatory events and knowledge-transfer opportunities

07 Economic and technical relevance of system development

08 Non-monolithic building, non-monolithic funding: capital investment diluted over time

09 Socialization as an element of work

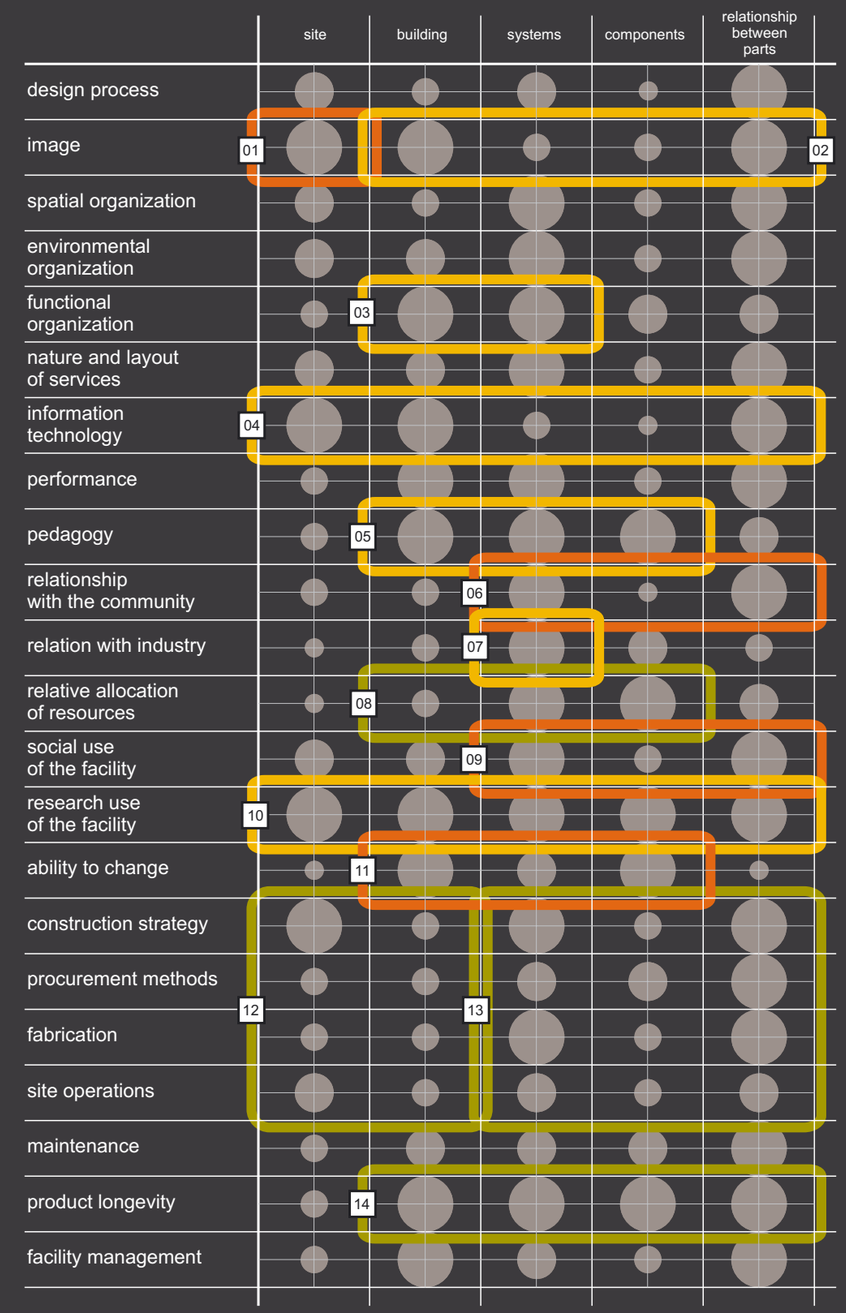
10 The building as an integral, multi-scale, multi-disciplinary laboratory

11 Substitution of parts within a robust framework

12 Minimization of risks in the construction process

13 Building innovation focused on connections

14 Wear and tear (off), recycling: ongoing updating



Procurement

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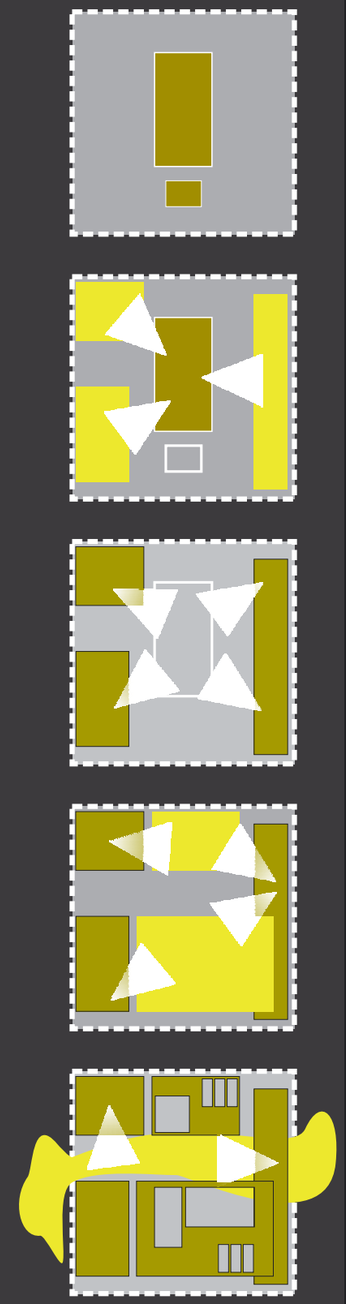
Four stage procurement process monitoring the development of the new Faculty building making continuous occupation possible



Capability and Merit

A truly experimental coalition for an ambitious programme and an extraordinary project

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Capability

Program

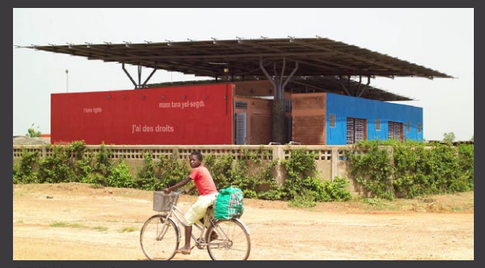
New Municipality
Headquarters, Dubai, UAE

DUOC Headquarters, Santiago, Chile

Barcelona Botanical Gardens

UTAS School of Architecture, Launceston Australia

Context



CBF Health Centre,
Ouagadougou, Burkina Faso

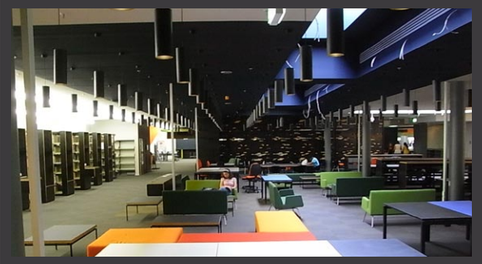
Floating Houses, Chile

Vaults Precinct, Federation Square, Melbourne Australia

Institution

Polytechnic Cafeteria,
Turin, Italy

CBF Health Centre, Ouagadougou, Burkina Faso



Deakin University Burwood Library, Melbourne Australia

Merit

Relevant Awards, Publications and Referees

FAREStudio architects www.farestudio.it

2009	Milano Triennale Price, Category Winner
2008	Barcelona World Architecture Festival Category Winner http://www.worldbuildingsdirectory.com/project.cfm?id=878
2007	AIDS Orphanage Design Competition [Archaos + Architectures sans Frontieres UK, Winner
2008	CASCIANI, S.- FARE, in Africa. Against Environmental Rethoric. Domus (2008) 916 ; 108-112
2008	MOLINARI, L., D'ONOFRIO, A. (eds). Contemporary Ecologies - Energies for Italian Architecture_Sustainab.Italy. Gangemi, Roma (2008): 44-45

Sabbagh Arquitectos architects www.sabbagharquitectos.cl

-	Professor of Architecture at the F.A.U University of Chile
2008	Barcelona World Architecture Festival Category Winner http://www.worldbuildingsdirectory.com/project.cfm?id=878
2002	National Prize for architecture in Chile
2001	Vivaceta award for technological innovations
2000	Latin American institute of steel award

Bet Figueras landscape architects

-	Lecturer ETSAB, Barcelona
2008	Professor of landscape architecture at la Facoltà di Architettura dell'Università degli Studi di Sassari.
2000	City of Barcelona Award for the Botanical Garden of Barcelona
1993	1st prize, Botanical garden, Santiago de Compostela, Spain
1988	1st prize, Poble Nou Park, Barcelona

Six Degrees architects www.sixdegrees.com.au

2008	Inaugural Victorian Planning Minister's Heritage Award
2008	Premier's Design Award, Commercial Architecture
2008	RAIA (Vic) Melbourne Prize
2007	RAIA (National) Lachlan Macquarie Award for Heritage
2007	RAIA (National) Award for Sustainable Architecture
2007	RAIA (Tas) Sustainable Architecture Award, Public Architecture Award & Heritage Architecture Award

Publications can be viewed on the company website

contact Roger Fay - Head of Architecture, University of Tasmania - t: 03 6324 3638

Faculty Project Advisors

In the course of the project, G5 plans to benefit from the specific expertise provided by Professor Paolo Tombesi in the planning and management of complex institutional buildings, and Dr Tong-Khuan Chan's and Dr Robert Crawford's current research work on the application of micro-sensors to buildings.

Arup engineers www.arup.com

Relevant Projects

National Institute of Circus Arts
Swinburne Centre for Sustainability
Bio 21, University of Melbourne
Monash University Law School
School of Sustainable Development, Bond University
School of Creative Media, City university of Hond Kong
University of California, Merced, California USA
African Institute of Science and Technology, Abuja, Nigeria