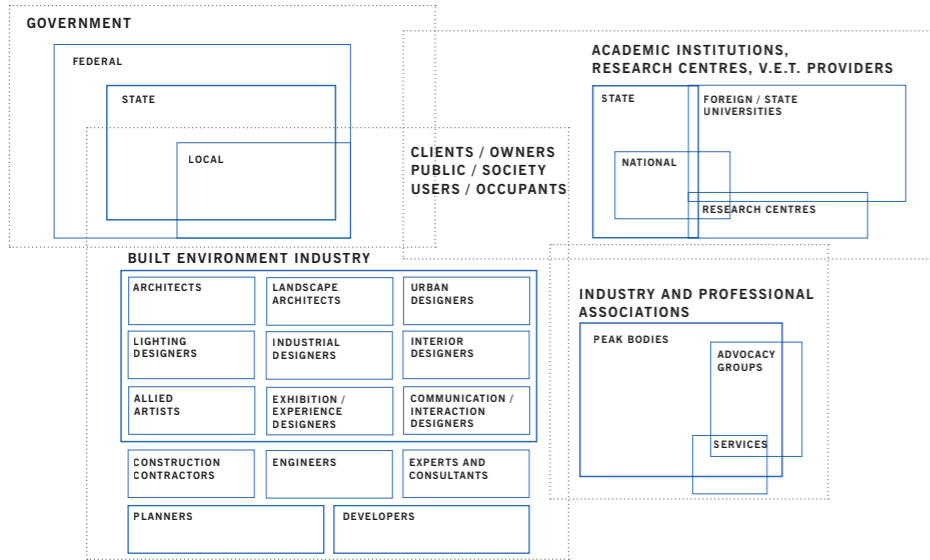


COLLECTIVE ACTION

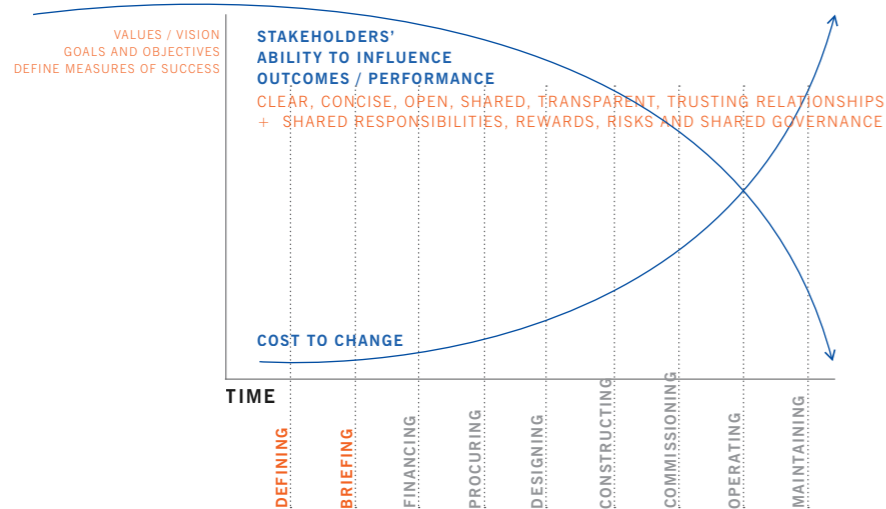
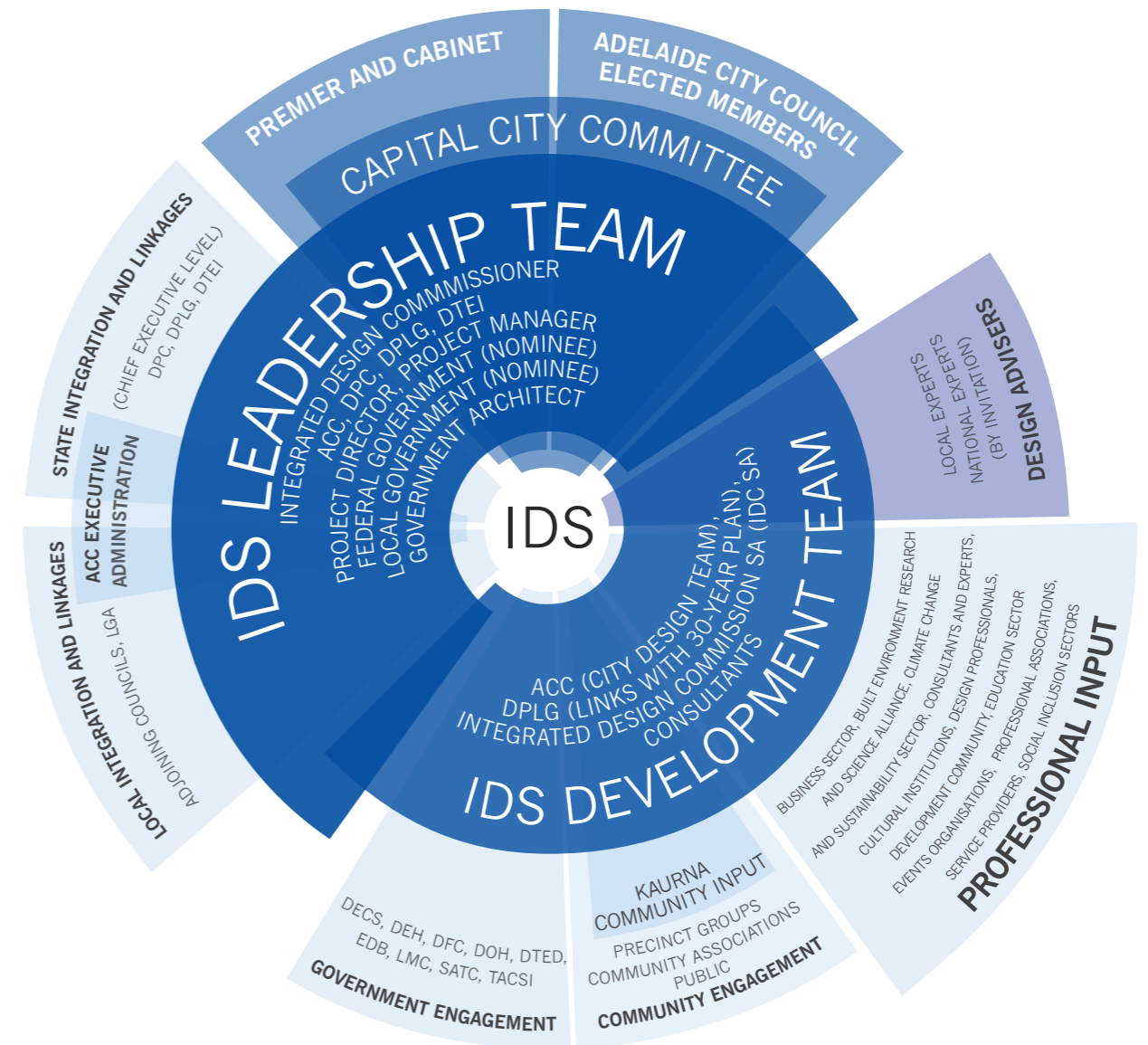
Agencies and Tiers of Government / Industry and Professional Associations / Academic and Research Institutions, VET Providers

3. INTEGRATED DESIGN STRATEGIES FOR COMMUNITIES, CITIES, REGIONS



FOUNDATION

Integrated design is a collaborative, consultative, multi-disciplinary decision-making process to lead collective action which values all stakeholders' expertise and needs including agencies and tiers of federal, state and local government, the built environment industries, professional associations, academic and research institutions, and clients, the public and users.



FRAMEWORK

Leverage early contribution of expertise and knowledge from all stakeholders to maximise long-term value of project outcomes. Leverage collaboratively defined values and vision, common goals and objectives and measures of success to appropriately define project cost, performance, quality, schedule and scope. Leverage design communication to create clear, concise, innovative and transparent processes with relationships based on mutual benefit, respect and trust in a shared culture of responsibility, risk and reward.

RECOMMENDATION 3

Establish comprehensive design-led visions, based on guiding principles applied across multi-tiered and multi-agency government bodies leading to the creation of Integrated Design Strategies (IDS) for Adelaide city, regions and communities including coastal, indigenous, middle suburbs, mining, remote and rural.

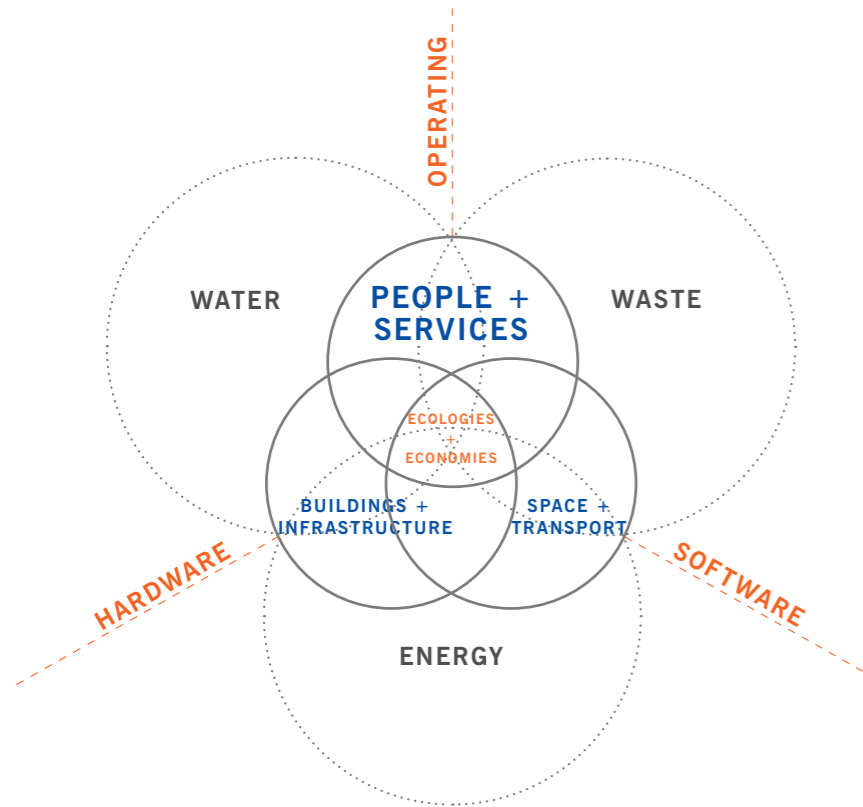
STRATEGIES

1. Learn and teach the value of collaboration through direct experience — bottom-up and top-down, from the inside and outside. Support initiatives and models of collaboration that transcend boundaries and adopt integrated design thinking and processes. Highly reward collaboration and consensus building across agencies and tiers of government.
2. Lead in the definition of performance-based project briefs that engender innovation, opportunity and highest quality commitment. Briefs should recognise value chains within the system.
3. Define governance models led by design professionals and multidisciplinary consultants teams to maximise collaboration, communication and consultation from expert Integrated Design Strategy panels and multidisciplinary local design assistance teams for broad community engagement.

GLOBAL ENVIRONMENTAL LEADERSHIP

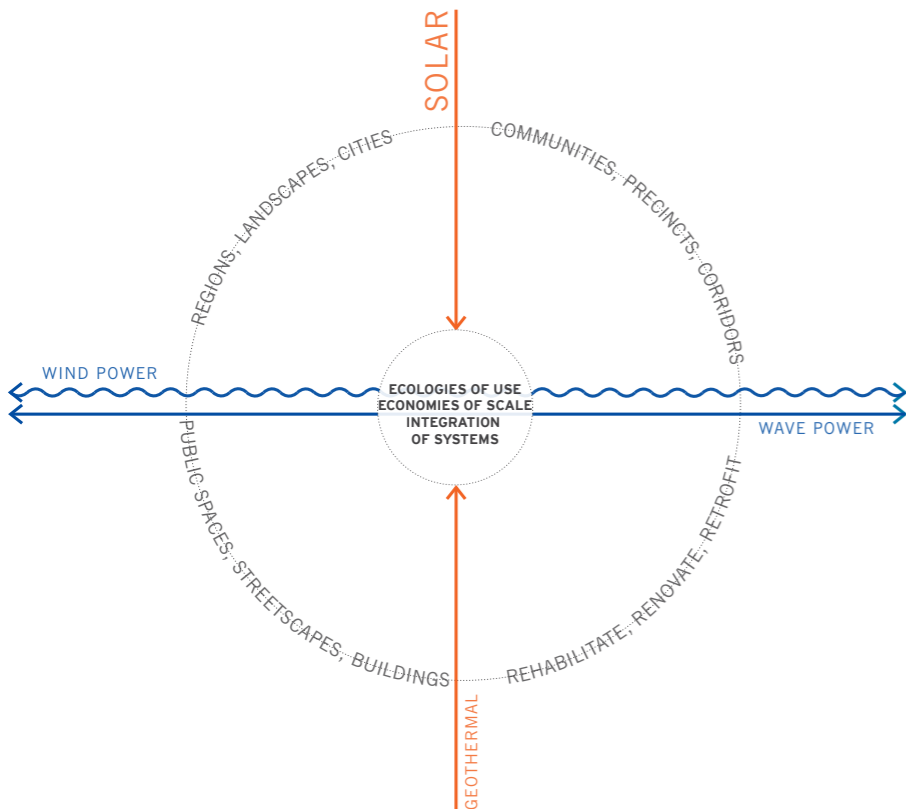
People and Services / Buildings and Infrastructure / Space and Transport

4. INTEGRATED DESIGN FOR CLIMATE CHANGE AND SUSTAINABILITY



FOUNDATION

Integrated design considers total environmental performance as the interdependence of complex ecosystems of people and services, buildings and infrastructure, space and transport to address the present and future local and global challenges of climate change, population growth and resource depletion. Integrated design embraces the cycles and systems of energy, waste and water.

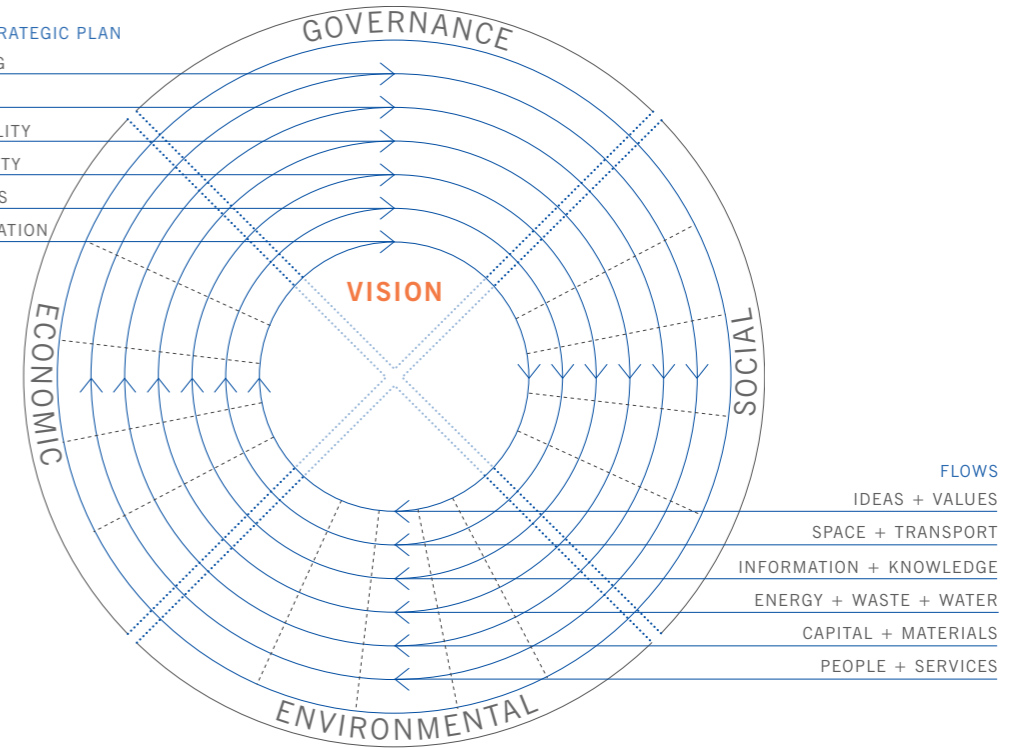


FRAMEWORK

An integrated strategy covers the broadest spectrum of environmental design, planning and development from individual products to regions, landscapes and cities. An integrated strategy optimises the ecologies of use and economies of scale to maximise connectivity and communication to serve the diverse needs of people. An integrated strategy is based on the interdependence of complex natural and human-made systems. It leverages resources effectively and to achieve zero emissions, zero energy use and zero waste.

SOUTH AUSTRALIA'S STRATEGIC PLAN

- IMPROVING WELL-BEING
- GROWING PROSPERITY
- ATTAINING SUSTAINABILITY
- EXPANDING OPPORTUNITY
- BUILDING COMMUNITIES
- CREATIVITY AND INNOVATION



RECOMMENDATION 4

Through an integrated approach to design, policies and regulations, create opportunities to establish global environmental leadership. Leverage SA's leadership in climate change and sustainability, and the State's wealth of renewable energy resources, to develop adaptable, flexible and resilient environments for individuals, businesses, communities and industries.

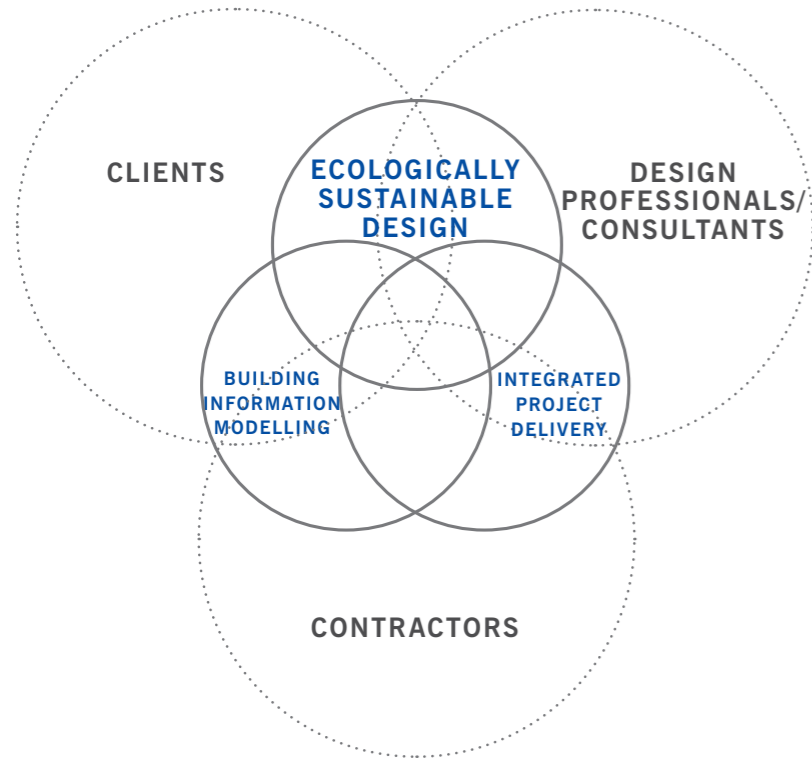
STRATEGIES

1. Establish comprehensive, comparative and reliable environmental data as a means to establish leading policies and targets. Invest in renewable energy research, development and innovation to establish internationally recognised models for environmental sustainability.
2. Establish a visionary Integrated Infrastructure Strategic Plan based on people and services, using the principles of integrated design.
3. Develop learning tools to inspire civic responsibility and community up-take for sustainable living. Develop an engagement strategy to demonstrate the benefits of climate challenge, choice and change with respect to carbon/energy, transport, water and waste (see Adelaide CCCC page 122).

COLLABORATIVE CONSTRUCTION

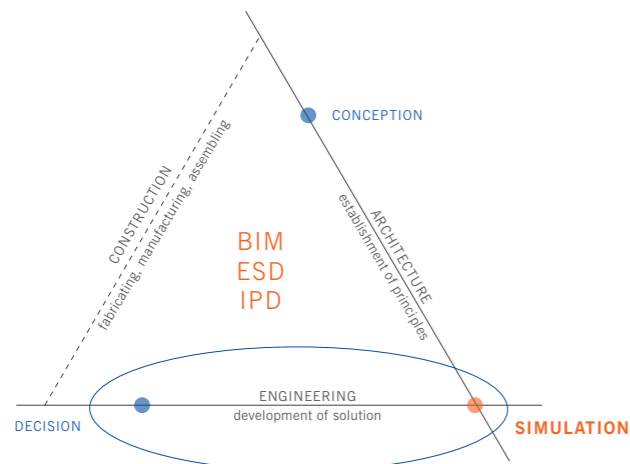
Clients / Design Professionals and Consultants / Contractors

5. COLLABORATIVE CONSTRUCTION CAPACITY USING INTEGRATED PRACTICES



FOUNDATION

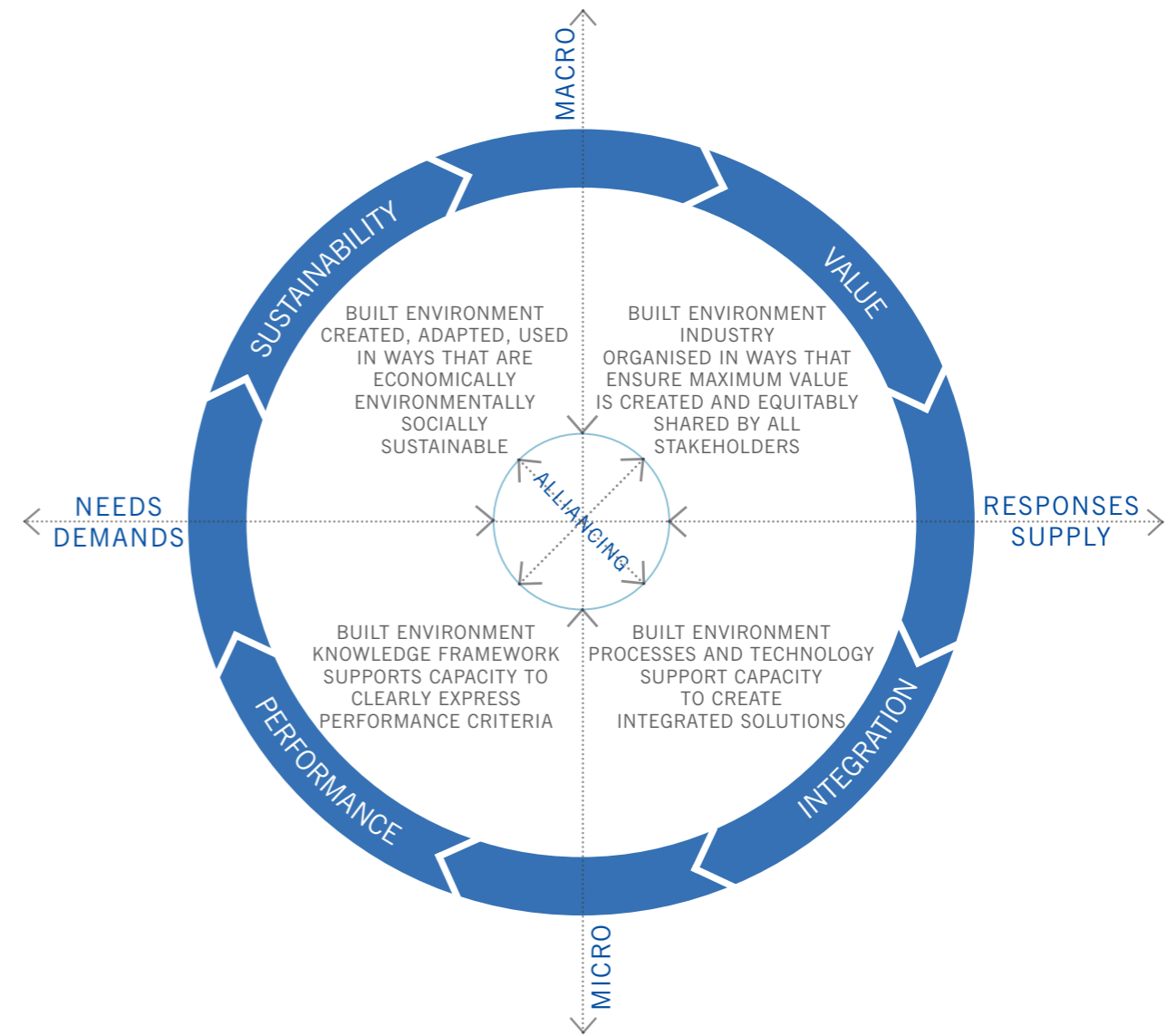
Integrated design in practice is based on a seamless relationship between clients, design professionals / consultants and contractors using new delivery methods and new technologies in building information modelling (BIM), integrated project delivery (IPD), and ecologically sustainable design (ESD) to provide a common operational base for the built environment industry.



FRAMEWORK

Integrated design practice leverages the strengths of architecture, engineering and construction to assist clients with any facility-related need and deliver services with a total approach to a project's life cycle. Integrated design practice relies on the translation of concepts and established principles through simulation toward the development of solutions and contiguous building techniques.

REDUCE conflicts, construction time, cost, errors, loss of information, omissions, waste
INCREASE communication, efficiency, innovation + opportunity, precision + productivity, predictability, prototyping



RECOMMENDATION 5

Leverage South Australia's reputation as an ideas incubator to develop leading models of collaboration and delivery methods for the built environment industry. Support a knowledge exchange network, integrated processes, use of leading technology and research to ensure maximum value.

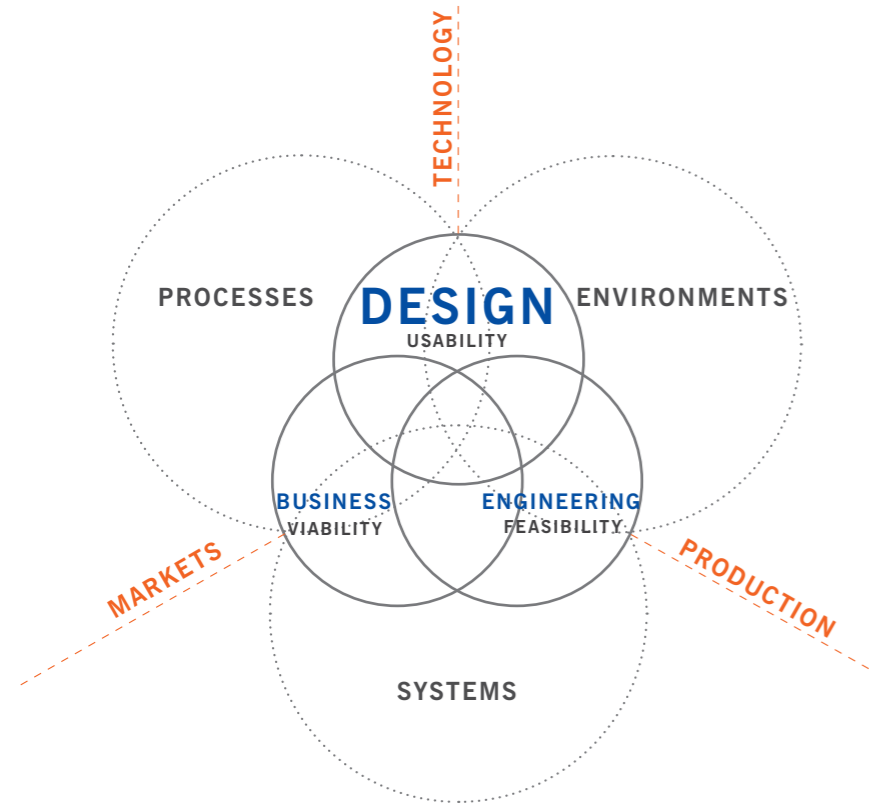
STRATEGIES

1. Leverage the international and national experience and resources of large SA design practices (such as Arup, Hassell, Woodhead and Woods Bagot) to define best practices in alliancing and project delivery methods.
2. Invest in state of the art technology and tools and support industry wide use of building information modelling, ecologically sustainable design and infrastructure planning and design as a key part of the government procurement process. Lead with demonstration projects.
3. Drive industry innovation through knowledge networks, to support collaborative evidence-based decision making that strengthens knowledge generation (research), knowledge application (practice), and knowledge transfer (education).

ECO-INDUSTRY INNOVATION

Business and Markets / Design and Technology / Engineering and Production

6. MANUFACTURED ASSEMBLIES FOR MASS CUSTOMISATION OF BUILDINGS



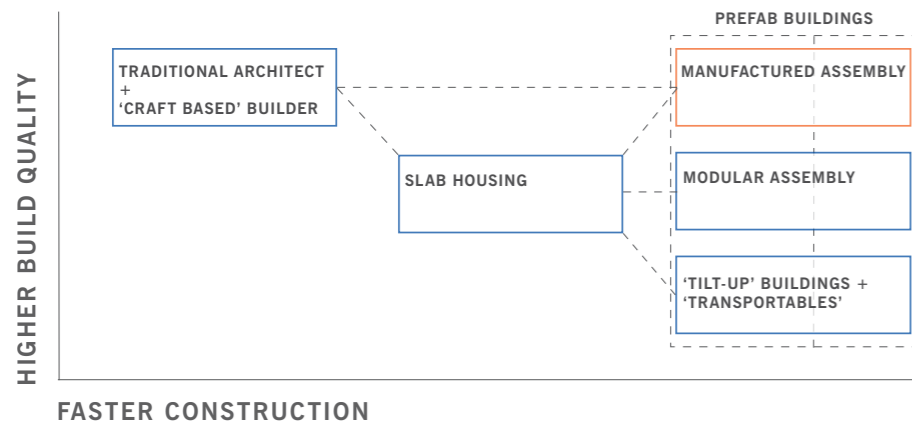
FOUNDATION

Integrated environments, processes and systems develop as seamless relationships between usability in design / technology, viability in business / markets and feasibility in engineering / production for multi-cultural, multi-dimensional and multi-generational applications.

APPLICATIONS AND MARKETS LOCAL NATIONAL, GLOBAL

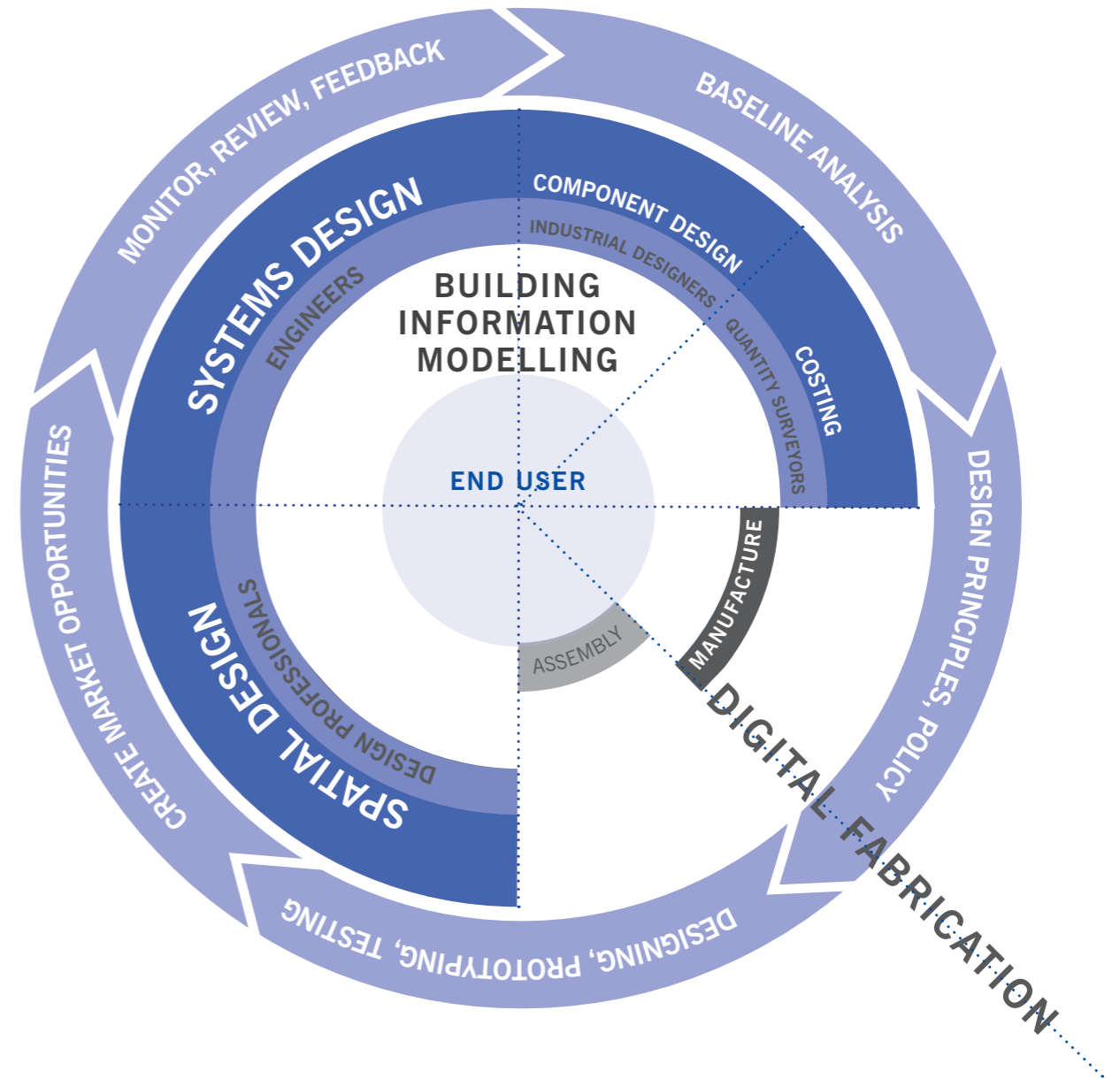
HOUSING FOR SPECIAL POPULATIONS
HOUSING IN REMOTE COMMUNITIES
HOUSING AS LIVING SOLUTIONS
HOUSING FOR SPECIAL ENVIRONMENTS
SPECIAL USE
TEMPORARY STRUCTURES

ELDERLY, STUDENT
DEFENCE, INDIGENOUS, MINING
LOW DENSITY, MEDIUM DENSITY, HIGH DENSITY
COASTAL, DESERT, HERITAGE
EVENTS, FILM AND THEATRE INDUSTRY, FESTIVALS
DISASTER RELIEF, DISPLAY / EXHIBITION, KIOSKS



FRAMEWORK

An integrated business model defines new markets with higher quality and greater efficiency. A collaborative research core aims at pioneering, prototyping and piloting innovative methods for building which are ecologically responsive. A collaborative industry model employs spatial, systems and component designers and engineers to develop fabrication and manufacturing processes using BIM.



RECOMMENDATION 6

Establish expertise in the design and manufacturing of 'green' assemblies for mass customisation of buildings. Transform non-viable manufacturing industries into eco-innovation industries of 'kit of parts' buildings and structures for diverse locations, populations and purposes in local, national and global markets.

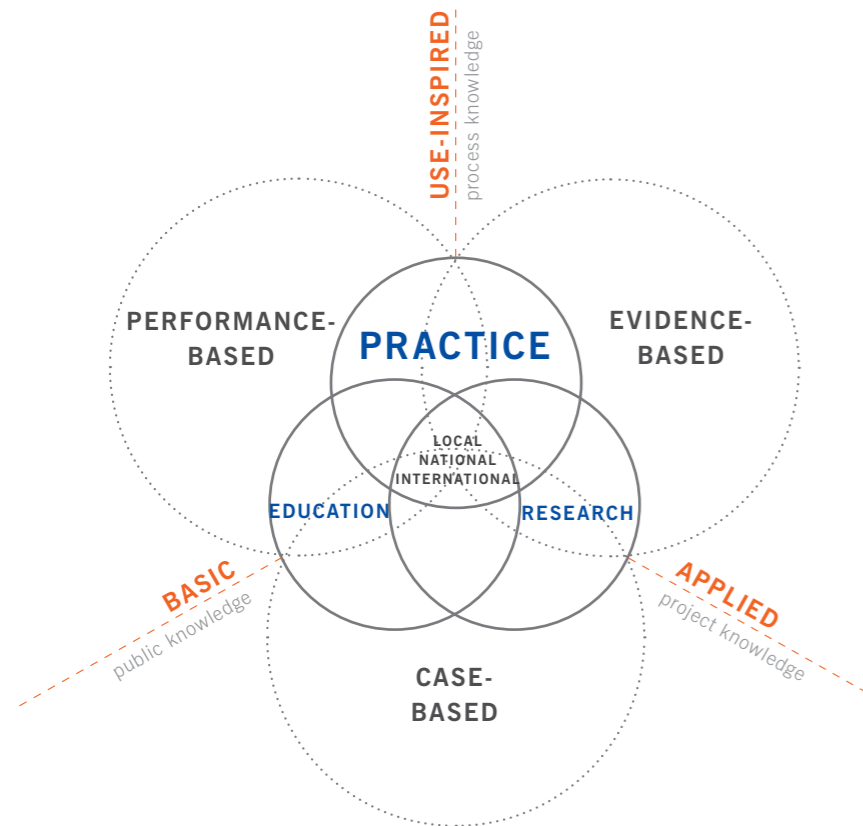
STRATEGIES

1. Leverage South Australia's affordable housing history and innovation to define diverse and innovative living models responsive to various environments. Establish a housing innovation research and development unit as collaboration between government, the housing industry, professional practice and universities.
2. Investigate and develop a manufacturing assemblies industry. Create demonstration projects for sustainable development at places such as Tonsley Park.
3. Position SA as a world class exporter in manufactured assemblies of the highest quality for multiple markets.

BUILT ENVIRONMENT RESEARCH

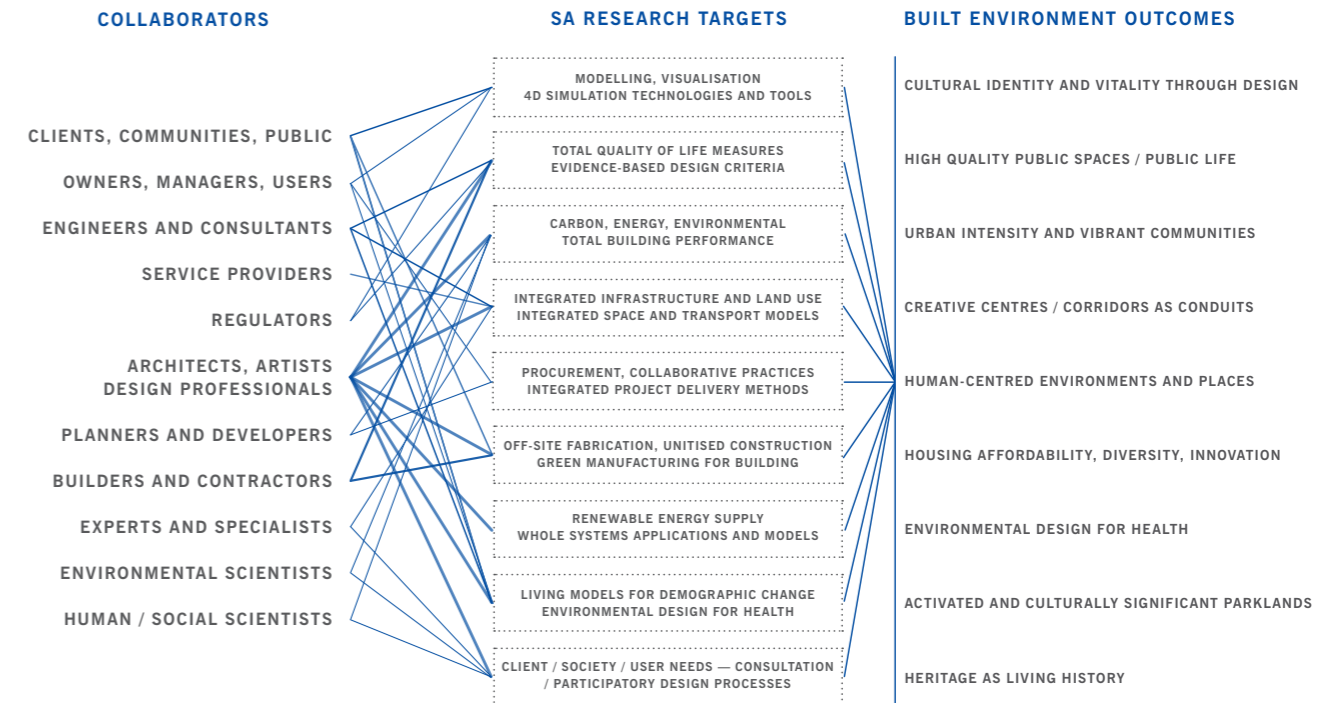
Education / Practice / Research

7. PRACTICE-BASED BUILT ENVIRONMENT RESEARCH ALLIANCES



FOUNDATION

Integrated design research is practice-based and use-inspired to address the complexity of global and local challenges. Integrated design develops meaningful connections between education, practice and research, built upon case-based knowledge, evidence-based design and performance-based outcomes for the built environment.



MODES OF RESEARCH

BASIC (FUNDAMENTAL) RESEARCH
APPLIED RESEARCH
USE-INSPIRED RESEARCH

TECHNICAL research for design
SOCIAL research into design
DESIGN research through design

FORE-GROUNDING project-based
BACK-GROUNDING practice-based
COMBINED profession-based

HYBRID METHODOLOGIES

DOMAINS OF KNOWLEDGE

PROCESS KNOWLEDGE
PROJECT KNOWLEDGE
PUBLIC KNOWLEDGE

ESTABLISHED RESEARCH AREAS

BEHAVIOURAL AND SOCIAL SCIENCES
BUILDING INFORMATION MODELLING
BUILDING PERFORMANCE
CARBON / ENERGY
CLIENT / USER NEEDS
COMMUNITY DEVELOPMENT
CULTURE OF PRACTICE
DIGITAL FABRICATION
HEALTH AND LIFESTYLE
INTEROPERABILITY
MATERIALS AND METHODS
PRODUCT DEVELOPMENT
PROJECT DELIVERY
SIMULATION AND VIRTUAL REALITY
SUSTAINABILITY
URBAN DEVELOPMENT
WASTE
WATER

EMERGING RESEARCH AREAS

ADAPTIVE REUSE
AFFORDABILITY AND LIVEABILITY
ARCHITECTURAL ROBOTICS
BIO-INSPIRED DESIGN / BIO-MIMICRY
BUILDING AUTOMATION PROCESSES
CLIMATE ADAPTION AND RESILIENCE
DATA-ENABLED TECHNOLOGY
DISASTER RELIEF
INTERACTIVE SKINS
FINANCIAL INNOVATION
GREEN CHEMISTRY
INDUSTRIAL ECOLOGY
OFF-SITE FABRICATION
PROCUREMENT
RENEWABLE ENERGY
SELF-ORGANISING SYSTEMS
SOCIAL SPACE
SPATIAL DATA TOOLS
TEMPORARY STRUCTURES
UNITISED CONSTRUCTION
URBAN ECOLOGY
WHOLE SYSTEMS DESIGN
WIND HARVESTING

FRAMEWORK

Practice-based use-inspired research collaborations between academia, government, industry and professional organisations will drive innovation in the design, planning and development process to maximise economic, environmental and social impacts. Practice-based use-inspired research collaborations use hybrid methodologies that integrate project-based, practice-based and professional-based approaches. Practice-based use-inspired research collaborations generate process, project and public knowledge in established research and emerging research areas.

RECOMMENDATION 7

Establish built environment research alliances as collaborative, practice-based and use-inspired models. These should develop case-based knowledge, evidence-based design and performance-based outcomes for the built environment. Establish a requirement in government design, planning and development projects to undertake collaborative research.

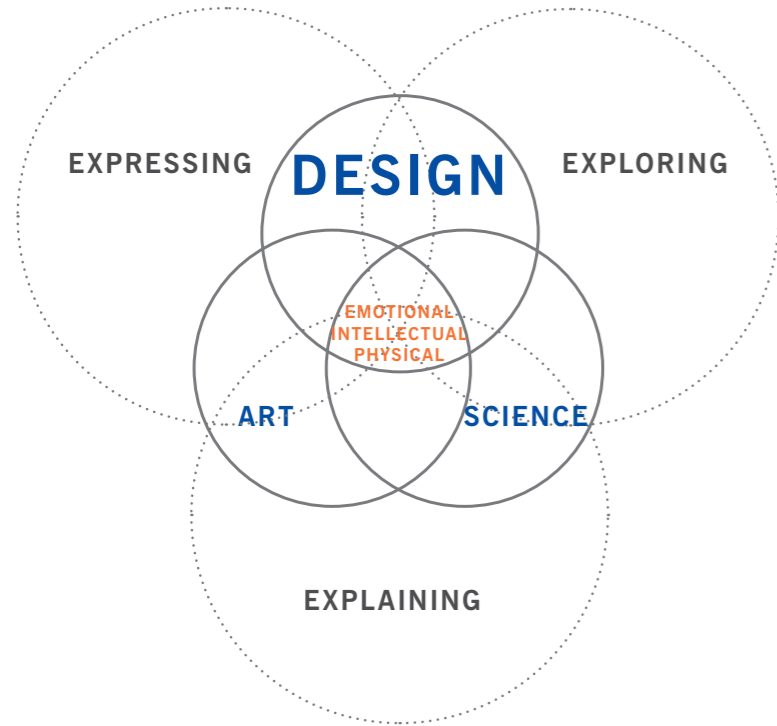
STRATEGIES

1. Identify built environment research and an audit of current activity and capacity in SA. Strengthen leading and practice relevant research areas with a balance between basic (long-term), applied (medium-term) and use-inspired (immediate-term) research on design, social and technical levels. Develop a research road map for SA based on drivers, challenges and opportunities.
2. Establish a built environment research alliance to act as the state's built environment research peak body with a mandate to facilitate the necessary collaborations and connections to drive intra-state and cross-border initiatives. Integrate this built environment alliance with existing State Government frameworks, which aim to foster research alliances that are of strategic importance for the state and for each of the recommendations of the residency.
3. Establish the necessary communication infrastructure and knowledge network to facilitate sharing of research and form the basis for assessment of project success. Establish a requirement for post occupancy evaluations on all government projects to form the basis for assessment and knowledge sharing.

DESIGN LITERACY

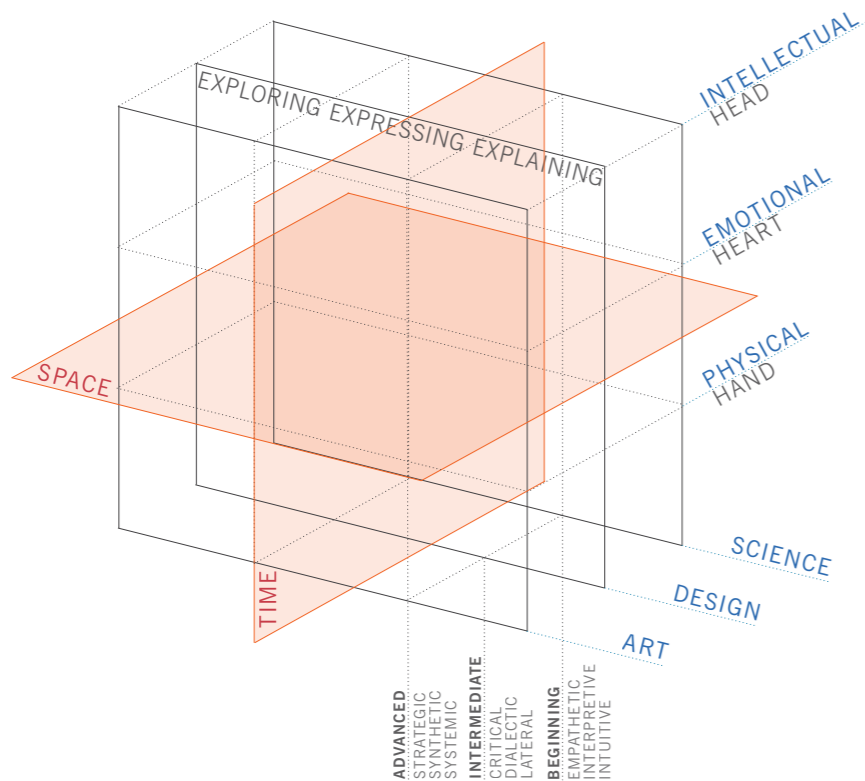
Art / Design / Science

8. DESIGN EDUCATION AND LEARNING ENVIRONMENTS



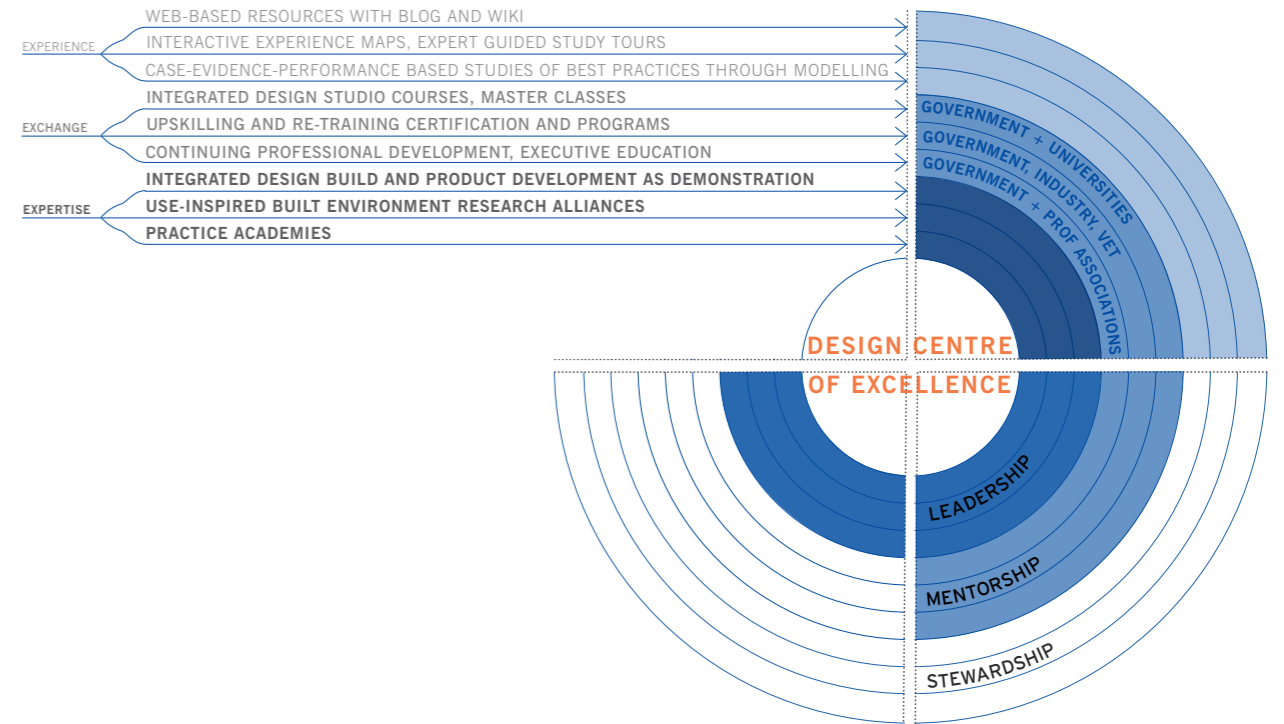
FOUNDATION

Integrated design is an exploratory discipline, distinct and yet synergised with both art as an expressive discipline and science as an explanatory discipline. Integrated design is a holistic and unique approach that combines emotional, physical and intellectual experiences and learning.



FRAMEWORK

Integrated design is a method of learning critical and strategic thinking skills through observation and understanding different systems which are related in time and space. Design education provides a context and direct 'learning by doing' experience by reading and understanding landscapes. Emotional, physical and intellectual learning takes place in the context of laboratories, studios and workshops to develop creativity and foster cultural fluency.



RECOMMENDATION 8

Establish design as a core discipline of study at all levels — from early childhood development to tertiary level education. Develop design literacy programs for the public through direct experience learning models. Strengthen continuing professional development and up-skilling programs for industry. Develop expertise-based, integrated design practice—academy models.

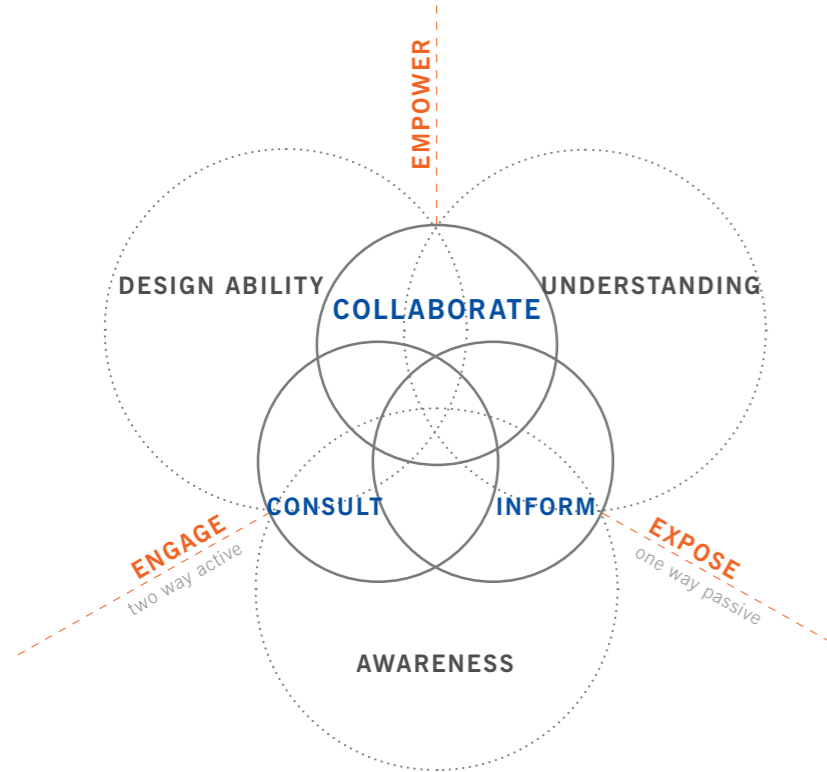
STRATEGIES

1. Establish an independent "Adelaide International Design Media Centre" modeled on the successful Australian Science Media Centre Inc in South Australia, to deepen understanding of the value and values of design to society and future prosperity.
2. Introduce design education in primary school education similar to the Montessori method, Reggio Emilia approach or the Waldorf-Steiner educational system. Create a new category for the Premier's Reading Challenge on the subjects of architecture, art and design.
3. Produce web resources, direct experience design guides, maps and comprehensive case studies for the public. Develop educational models fostering collaboration and interdisciplinary communication and an exchange of discipline related knowledge and competencies, for industry and practice, from master classes and executive education to practice academies.

CONSTRUCTIVE ENGAGEMENT

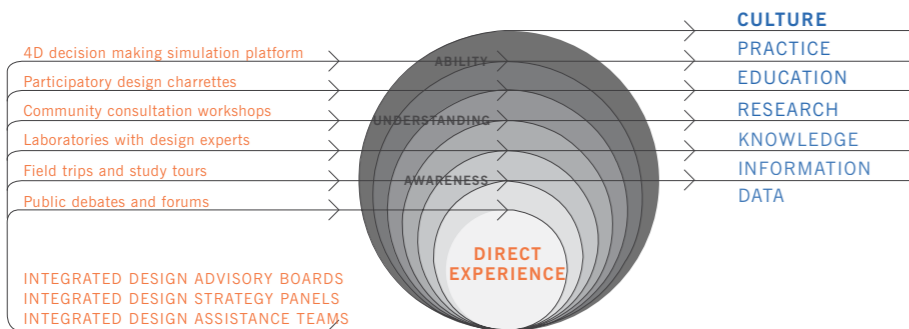
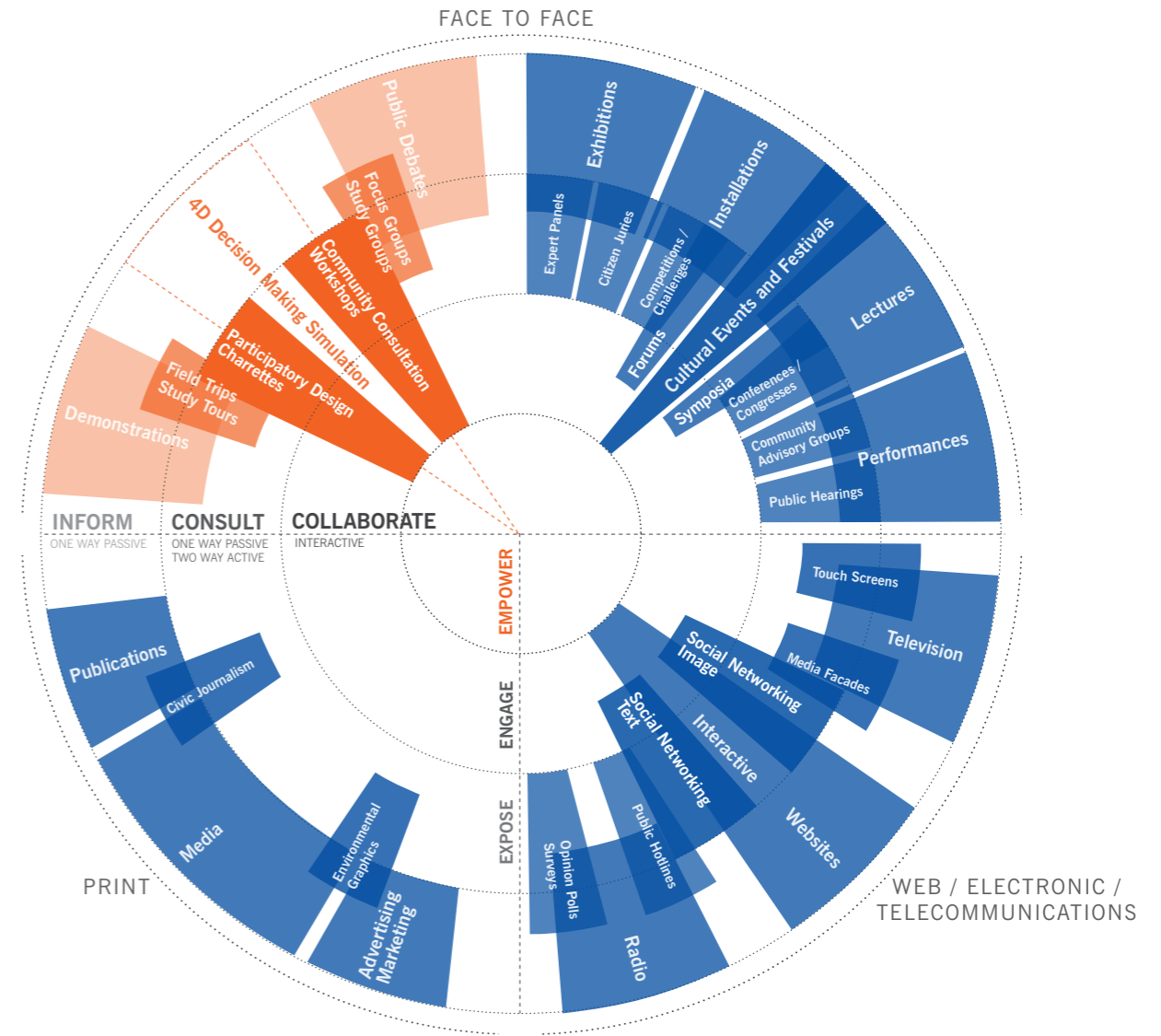
Inform / Consult / Collaborate

9. CONSULTATION MODELS AND COMMUNICATION STRATEGIES



FOUNDATION

Integrated design can act as an effective and intelligent agent of change by synthesising disparate values, disciplines and goals which could not be combined through conventional narrow structures that typify traditional organisations and processes. Integrated design builds awareness through informed debate, reinforces understanding through constructive engagement and promotes action through consultation with design professionals.



FRAMEWORK

Integrated design engages all stakeholders and end-users by querying their patterns of perception, needs and values, leading to greater awareness and understanding of the process and outcomes. Integrated design is an enabling and proactive approach to cultural development, building from data and information, to knowledge, research, education and practice. At its core, integrated design relies on direct experience and professional expertise through various stages of interaction.

RECOMMENDATION 9

As part of any integrated design program, build a comprehensive engagement framework, consultation models and communications strategy using a wide variety of media aimed at informing and empowering individuals, communities, industry and the public sector.

STRATEGIES

1. Develop an engagement framework and communications strategies which are phased and appropriate to the available levels of skill, capacity and scope of the problem. Map all forms of communication and media based on an assessment of cost, time and reach for different messages, populations and impact. Tailor campaigns to specific audiences. Ensure feedback loops are in place at all levels and between all strategies as a way of building knowledge networks.
2. Build consultation models toward collaborative person-to-person participatory processes using design assistance teams who provide advice and review of community-based and other projects.
3. Promote and support interaction between the public and design professionals at every opportunity. Program design into existing cultural events and festivals throughout the state.



INTEGRATED

DESIGN

IN

MOTION

REALISING RECOMMENDATIONS

During the final stage of the residency, several projects were undertaken to advance its recommendations. Two of the most developed follow. The Adelaide Integrated Design Strategy (IDS) represents the intent of recommendation #3, Collective Action and serves a model applicable to communities and regions. The Adelaide City Climate Challenge–Choice–Change sets the stage for recommendation #4, Global Environmental Leadership, as well as the comprehensive thinking and approach required for the IDS.

AN INTEGRATED DESIGN STRATEGY FOR ADELAIDE

The city is an instrument of metaphysical function. It is an instrument of structuring action and power, mobility and exchange, social organisation and cultural structures, identity and memory.

Juhani Pallasmaa, *The City as Perceived and Imagined*

The idea of an IDS for Adelaide was initiated by residency partner Jason Pruszinski. In the co-authored proposal following, one of the primary objectives of the IDS is to instigate collective action through a new leadership model involving federal, state, city and local government.

INTEGRATED DESIGN STRATEGY EXECUTIVE SUMMARY

The residency program highlighted the need to apply integrated design thinking through all tiers of government, education and industry.

The application of this enabling process will result in improved urban quality, economic advantage and design consciousness, directly contributing to long-term sustainability and improved quality of life for South Australians. Applying integrated design thinking will also improve South Australia's competitive positioning in the global context.

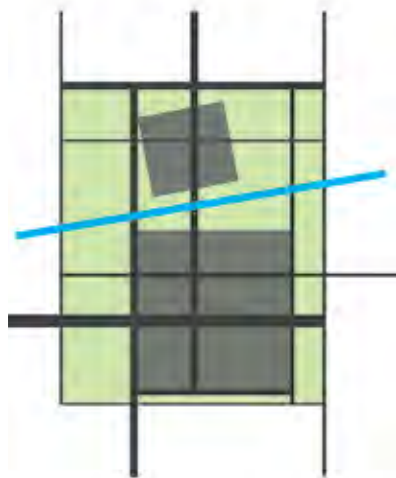
The IDS for Adelaide proposes that the State Government and Adelaide City Council develop a design-based vision and framework for inner Adelaide. The primary goal of this proposal, emerging as a key recommendation from the residency, is to develop strategies that will improve the city character, making Adelaide more appealing, vibrant and desirable as a place to visit, live and work. An IDS is vital for the realisation of many of the objectives of the state's 30-Year Plan for Greater Adelaide, guiding the 'new urban form' for Adelaide.



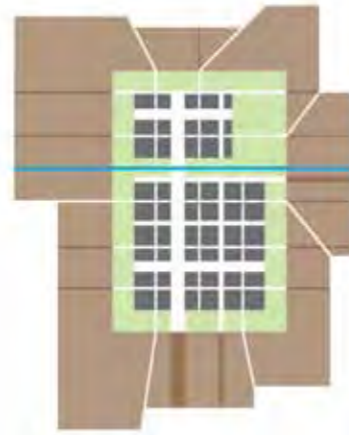
Colonel Light's Adelaide



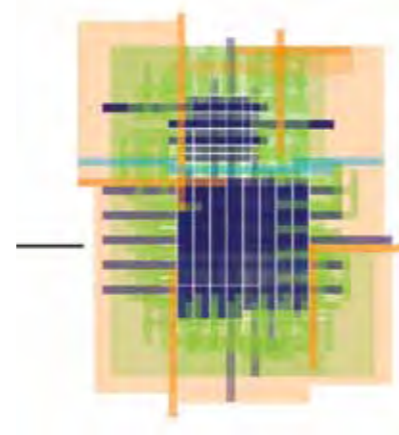
Authentic Adelaide



Abstract Adelaide



Animate Adelaide



Adelaide Alive

INTEGRATED DESIGN STRATEGY OBJECTIVES

- establish an urban design vision for Adelaide city that will position Adelaide as a people-focused city with vibrant cultural and social life, authentically South Australian in its form and approach, building upon Colonel William Light's famous plan for the city
- significantly improve the design quality of the built environment (public and private) of the city by providing design-based guiding principles that will apply to all future projects in the city
- implement processes to achieve more collaborative and integrated decision making across all agencies and tiers of government, enabling delivery of public realm improvement projects within a holistic design context
- create a public realm of a quality that will position Adelaide as a globally recognised centre of intellectual and artistic excellence (to attract tourists and international students, directly contributing to economic growth; and attract and retain the best available skilled workers and companies within the knowledge, innovation and creative sectors.
- demonstrate national leadership in developing sustainable communities
- establish a world-class urban design process that can be applied throughout greater Adelaide and regional South Australia
- develop incentives to foster city living and increased city population (students, workers, tourists) as identified in the 30-Year Plan for Greater Adelaide and the City of Adelaide Council's Strategic Plan
- engender exceptional design quality through integrated design partnerships across broad creative disciplines including architecture, urban, landscape, industrial, graphic, lighting, theatre, retail, environmental, civil, structural and interpretive design, among others
- articulate the necessity for design to respond to the full spectrum of human experiences, needs and opportunities, so that all public and private realm projects make positive contributions to the cultural identity of South Australia
- promote South Australia's assets through intelligent investment in design, planning and development, creating a distinctive advantage for the state and improved quality of life for every individual
- promote design concepts for the city that are intrinsically linked to and bound by diverse mobility choices (pedestrian, bike, public transport and motor vehicle), parklands interface and other infrastructure and design provisions of surrounding councils, thereby demanding collaboration beyond traditional governance boundaries
- build on the intellectual tradition of South Australia and its leadership in the arts, culture and social reform so that Adelaide becomes a cosmopolitan, creative and innovative city of great stature

The adoption of, and long-term commitment toward, the implementation of an IDS will facilitate significant improvement of the urban design qualities of the public and private realms. Adelaide will be purposefully transformed into a series of exceptional, interconnected public places, supporting cultural and social vitality and community aspirations for an authentic and inspirational South Australian experience.

INTEGRATED DESIGN STRATEGY INTRODUCTION

South Australia, and particularly Adelaide, possesses a rare authenticity built upon unique assets such as climate and diverse natural landscape, cultural events and festivals, and a highly valued 'liveability'. Adelaide is also one of only three cities world famous for its city planning due to its series of squares, parklands and hierarchy of streets. Adelaide is well placed to celebrate and reinforce these extraordinary South Australian qualities, through an enhanced design consciousness that contributes towards making people's experience in the city more positive and appealing.

The world's most lively and vibrant cities are intrinsically people-focused, with enjoyable surroundings that make socialising, walking, working, and other essential and leisurely activities, desirable and memorable. With work methods becoming more mobile and technology enabled, communities globally are discovering new ways of using cities to support changing lifestyles. The creation and development of a city that transcends its existing image as a one-dimensional destination for weekday workers is a key driver of the State Government's 30-Year Plan for Greater Adelaide, and the Australian Government's proposed National Urban Design Policy.

The residence program calls for *Intelligent Design*, advocating world-class design processes to sustain living communities, which take into account the relationships of the environment, public realm quality, health, transport, economic strategy and community life in city planning. In parallel, new leadership in the Department of the Premier and Cabinet has introduced a state reform agenda currently under development, including a focus on a sustainable and vibrant city among its objectives. Similarly, organisational reform at Adelaide City Council, seeks to create a more responsive and agile corporation that works to build a dynamic and world-class city through the application of quality-design principles.

At the national level, former Prime Minister, Hon Kevin Rudd in his address to the Australian Business Council on 27 October 2009, stated '... the commonwealth will legitimately expect to have confidence in the integrity of the strategic planning systems in our major cities... The goal is that our cities have strong, transparent and long-term plans for growth and high-quality urban development'.

The IDS objective is an expression of these many influences. It aspires to provide an 'urban design vision' for inner Adelaide, along with a coherent framework and design-based guiding principles, which will address core issues around building a more vibrant 24-hour mixed-use city community. When adopted, the IDS will facilitate significant improvement to the design qualities of the public and private realm, supporting cultural and social vitality, and community aspirations, for an authentic and inspirational South Australian experience.

Globally, cities are increasingly becoming a focus for vibrant public life — and the most resilient cities are adjusting to support this shift. Cities based on people and lifestyle experiences are abundant: Antwerp, Barcelona, Copenhagen, London, Melbourne, Portland and Vancouver are among some of the best examples.

Copenhagen was the first city in the world to produce measurable data/ indicators of human behaviour and patterns of use, to demonstrate that high-quality design-based improvements to the public realm directly lead to substantial growth in ‘public life’ (cultural and social vibrancy) and diverse community engagement in the city. Investment in high quality design outcomes for private developments has also been demonstrably linked to enhanced economic returns and property values, far exceeding the additional cost of good design.

Melbourne, a grid city similar to Adelaide in its climate, footprint and planning layout, was considered in the 1980s to have a mono-functional centre with a car-centric dominance. A newspaper article from that time declared Melbourne ‘was an empty, useless city centre’. Over the past two decades, Melbourne has experienced a remarkable urban renaissance, attracting and sustaining public life through actively pursuing physical design improvements to its public and private realms.

Melbourne’s design strategy has consciously placed pedestrians at the centre of city life, driving sustained inner-CBD residential population growth and city economic growth. Melbourne has adopted a consistent background and design quality for the city’s streetscapes with the intention of creating a legible sense of place. In addition, clear policies and guiding principles have positively influenced private development. This vigorous reform was only possible through strong collaboration, the development of a joint urban design vision and guiding principles, consistent planning initiatives and a carefully executed and agile delivery partnership between the State Government and the City of Melbourne.

If inner Adelaide were to offer a more consistent, dynamic and community-centred lifestyle, better expressing a unique sense of place and vibrancy for those who choose to live, study, work or visit it, South Australia as a whole will experience significant cultural, economic, environmental and social benefits.



AN INTEGRATED DESIGN STRATEGY FOR INNER ADELAIDE

Adelaide is the formal focus of the state’s culture, history, tourism, economic and political influences. With such importance, the qualities of the city are of great significance to the identity of Greater Adelaide and South Australia as a whole. However, it is suggested by many that the quality of the city has suffered significantly over the past 20 to 30 years. The combined impacts of a predominantly shopping and working city sustained by car dominance, disconnected precinct developments, and poor public and private realm design qualities, have constrained the future prosperity of the city itself. Suburban sprawl and the growth of suburban centres now compete with the city as the pre-eminent place to provide cultural enrichment and vitality.

The true potential for Adelaide as a great urban experience for residents, workers, students and visitors can be realised through a better connection of the existing more successful, public places, and by refocusing all future developments to better nurture and support an activated public realm. A more vibrant and people-focused Adelaide, built on a strong, high-quality and sustainable design emphasis, will transform South Australia’s global competitive position.

The IDS is a design-based vision and framework that will make inner Adelaide a more active and vibrant city. Lessons from other great world cities illustrate that design is a vital tool for achieving this goal; history of human civilisation demonstrates that public life thrives with quality public and private space conditions.

There is great potential to build on the investment of the past in ways that strengthen inner Adelaide’s position as an intensely desirable destination to live, work, play, study and visit. With sensitive design-based development, Adelaide’s established character can be made even more appealing, diverse and engaging. The city experience can be enhanced by reinforcing a coherent character of public and private spaces, including better designed places for community events and cultural activities, and by creating appealing connections and journeys between these spaces. Consistent site-responsive treatments and linkages of the streets, squares and Park Lands will create a unifying framework for inner Adelaide, and provide a dynamic setting for its great variety of buildings, people and localities.

The IDS seeks to utilise design as a tool to transform public habits in the use of Adelaide city streets and public spaces, not just so they become convenient spaces, but so they become inspiring, ‘authentically Adelaide’, vibrant places in which people may linger and socialise. The IDS, through the establishment of guiding principles and policy reform, will also guide private development and seek better quality, integrated design responses.

Importantly, the IDS provides a world’s best-practice model to support the realisation of the state’s 30-Year Plan for Greater Adelaide. It complements other significant initiatives, including current investments in public transport infrastructure projects (road, light rail, tram and bus) and the focus on delivering connected communities. The IDS complements City of Adelaide initiatives, including its Strategic Plan and major public space projects such as the Victoria Square/Tarndanyangga Urban Regeneration Project.

ADELAIDE CITY INTEGRATED DESIGN STRATEGY: THREE DISTINCT PHASES

1. ANALYSE AND UNDERSTAND

Map current quality of public life in the city by collecting measurable city usage data that informs recommendations for specific 'public life' improvements (quality-of-life indicators).

Expected outcomes: a *Public Spaces and Public Life 2010* report by Gehl Architects.

2. SYNTHESISE AND DEFINE

Establish an 'urban design vision' for inner Adelaide, along with a coherent framework of design-based 'guiding principles'. Included will be identification of strategic opportunities to enhance the city. This approach will address core issues around building a more vibrant city, by understanding and responding to the social and quality-of-life needs of all city users and residents.

Expected outcomes: an IDS Master Plan that covers, within an integrated framework, many issues affecting the life and growth of the city, such as:

- **public realm** — art, streetscape, urban design, connectivity, landscape, culture
- **private realm** — mixed use, activation, heritage, building design, city form
- **social strategy** — affordability, housing choice, community safety, social support, inclusiveness
- **environmental strategy** — emission reduction, recycling, sustainability, biodiversity, applied technology
- **health strategy** — physical health, mental health, community health and wellbeing
- **movement** — pedestrians, cyclists, bus, taxi, tram, train, private cars and car parking
- **economic strategy** — festivals and events, business, tourism, education
- **demonstration projects** — includes detailed design development of demonstration projects that will illustrate the IDS approach and design-thinking framework

3. IMPLEMENT

Establish best-practice governance, procurement, partnership and investment models that will provide ongoing implementation of the Inner Adelaide IDS recommendations.

Expected outcomes: include significant policy and planning reform, necessary to support the attainment of IDS objectives, most prominently, the growth of public life and improvements to quality-of-life. These city qualities will assist with sustained business investment, and attraction and enhance the retention of talent in our knowledge, innovation and creative sectors.

INTEGRATED DESIGN STRATEGY PROJECT OUTCOMES

The IDS for inner Adelaide is a national pilot project, intended to apply world's-best practice to the development of an integrated design, planning, development and management model for cities. The IDS will be a benchmark process with potential to be adapted and applied to other places in Australia - at community, regional and urban levels.

The expected outcomes of the Adelaide IDS will include:

- **an integrated design-based vision and framework for inner Adelaide enabling the city to be responsive, adaptive and resilient to change in a sustainable and holistic way.**
- **a cross-government set of design-based 'guiding principles' for inner Adelaide based on current and predicted qualitative and quantitative data and analysis**
- **a model for collaboration between tiers of government, among government agencies and with private sector stakeholders and citizens to achieve the desired vision for the city**
- **policy reform to facilitate both private and public realm development that complements the city vision, delivering better integrated outcomes focused on people's overall amenity and enjoyment of the city experience**
- **building on the original work by Gehl Architects in 2002, deliver a Public Spaces and Public Life 2010 report for Adelaide, setting a clear picture of current and projected city use to inform investment priorities; and establishing quality-of-life indicators, which will be used to track community benefits (cultural, economic, environmental and social) derived from improvements to the city's physical fabric and permeability**
- **a documented world's best practice and nationally adaptable model for better integration between place-making and community planning**
- **to inform long-term investment strategy, and identification of partners for future design, planning and development of inner Adelaide**
- **development of a economic benefits analysis at a city, state and national level, to quantify return on investment (cultural, economic, environmental and social) from findings arising as recommendations out of the inner Adelaide IDS.**

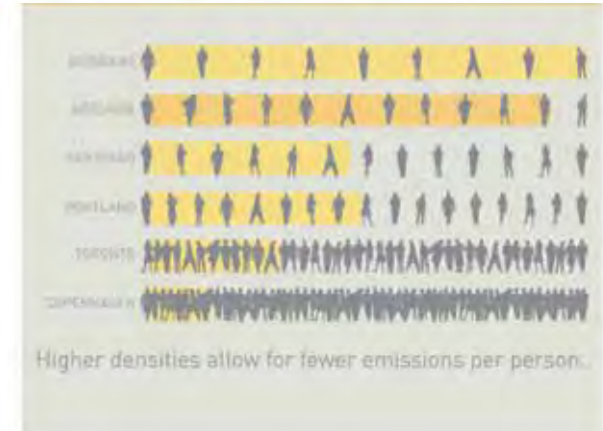
ADELAIDE CITY CLIMATE CHALLENGE-CHOICE-CHANGE

The Adelaide 144 images slide show intends to build awareness through accurate climate change and environmental facts about Adelaide. More importantly, the presentation includes suitable comparisons of Adelaide with other cities globally in terms of cultural, economic, environmental, and social issues and possibilities. Subject areas covered include carbon and energy, water, transport, waste and the built environment. The educational type is intended for a broad audience to understanding challenges and choices to inspire change. The fundamental question is **'HOW DO ISSUES OF SUSTAINABILITY AFFECT AN INTEGRATED DESIGN PROCESS?'**

The complete Adelaide City Climate Challenge-Choice-Change (CCCCC) presentation can be downloaded from the Thinkers website at www.thinkers.sa.gov.au/thinkers/lee/read.aspx

CARBON + ENERGY

Can South Australia reduce its carbon pollution to 25 percent below 2000 levels by 2020



South Australia can support activities that enhance the ability to reduce emissions and adapt to climate change

WATER

Can South Australia overcome its water scarcity problems

Adelaide has long been aware of the need to conserve water resources.



Adelaide's two main sources of water are the Adelaide Hills reservoirs and the River Murray.



If the River Murray dries up...



If the River Murray dries up... Adelaide's reserves will last only 40 days.



Adelaide's alternate source, the River Murray, must supply twice the amount of water in a drought year than normal.

Adelaide is ahead of most cities in its drought response.



Imagine what Adelaide would be like...



Imagine what Adelaide would be like... if it had only reached Atlanta's reduction levels.



Small actions can be effective.



45% of Adelaide's water is used by households



Whereas apartments in Adelaide use almost one swimming pool.

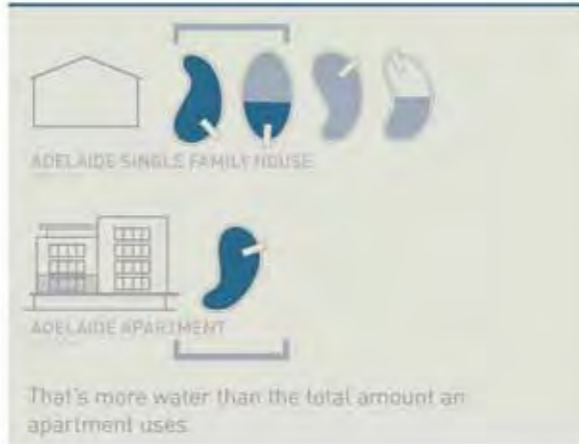


If everyone in the Murray-Darling Basin conserved at that level...



If everyone in the Murray-Darling Basin conserved at that level... there would be more water for natural processes.

Single family houses use over three times more water than apartments.



Where you live affects how much water you use.



Half of Adelaideans adopted water-wise practices...

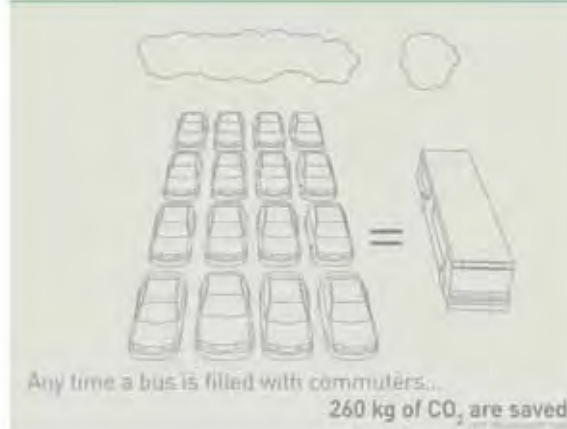
Half of Adelaideans adopted water-wise practices... 20 gigaliters could be saved a year... improving both urban and rural environments.

South Australia can transform its leadership on water into a global model of environmental sustainability

TRANSPORT

Can South Australia decrease its dependence on high emitting transport

Adelaide's cars contribute more carbon than all other types of transportation combined.

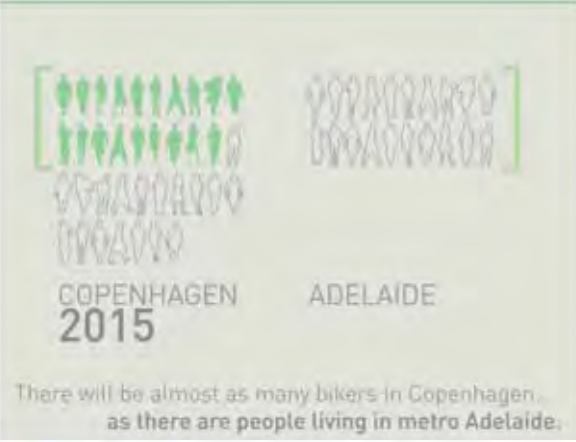


Imagine what our streets might be like... if cars could be reduced by half.

Public transit is not a popular option in Adelaide.



If 17% of Adelaide's trips were on public transit... there would be 184 hectares of reclaimed car parks.



Choice and diversity in transport are essential in creating sustainable environments



WASTE

Can South Australia become a zero waste zone



South Australia led the country in banning plastic bags.

Adelaide, like most of the developed world, generates too much waste.



This makes Australia one of the most wasteful countries in the world, however Australians manage to divert most of this waste before reaching landfills.



Now more than 9 out of 10 shoppers are taking reusable bags to the supermarket.

Less waste, efficiency, and a streamlined process lead to innovation, productivity, and collaboration



Adelaide already generates significantly less waste per week than the average Australian... and less waste than many other international cities.



When you take into account diversion rates... San Francisco is an international leader in waste diversion, achieving over 70% diversion with a goal to become zero waste by 2030.



Adelaide is not far behind with a goal to reach 75% waste diversion by the end of 2010.

Diversion should always be a secondary solution to prevention

BUILT ENVIRONMENT

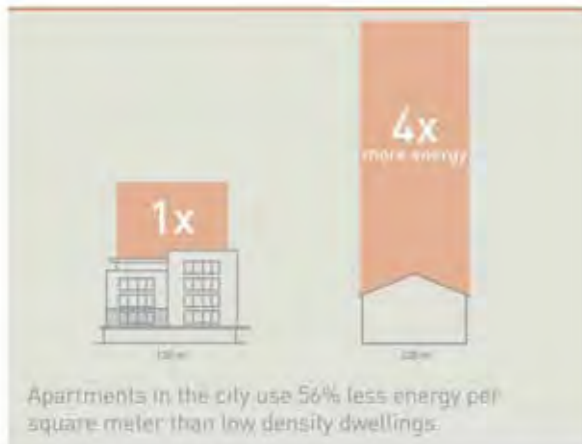
Can the value of design increase the quality of life and sustainability of South Australia



This is equivalent to turning off lights in your house 75% of the time.



This is equivalent to turning off lights in your house 75% of the time.

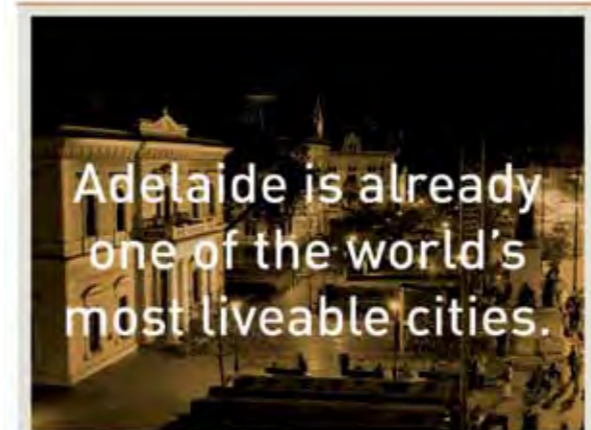


Adelaide will need to grow smartly to maintain its resources.



Aggregated open space is an important urban amenity.

Distributed open space can support vital urban systems.



The 30-Year Plan for Greater Adelaide

Adelaide is positioned to leverage design and sustainability with its planning capacity.



Design is fundamental to ensuring a more sustainable, built environment and thus a better lifestyle for South Australia





RESOURCES

REFERENCE DOCUMENTS: INTERNATIONAL AND NATIONAL

DESIGN COMMISSIONS, DESIGN INNOVATION, DESIGN STRATEGIES

Australia, Queensland	Queensland Design Strategy 2020
Australia, Victoria	Design Victoria / Office of the State Government Architect
Denmark	INDEX Awards: Design to Improve Life
Finland	Demand and User-based Innovation Policy Framework 2010 Helsinki Design Lab and SITRA Mission for Finland, Country Brand Report 2010
Europe	Architects' Council of Europe Quality of Life Policy 2007
Ireland	Government Policy on Architecture 2009-2015
Malaysia	Malaysia Design Innovation Centre
Netherlands	Design den Haag
New Zealand	Better Design NZ
Singapore	DesignSingapore
Scotland	Architecture and Design Scotland
Wales	National Design Policy
UK	Commission on Architecture and the Built Environment (CABE)
USA	National Endowment for the Arts — Design Innovation

AUSTRALIAN DOCUMENTS

Australian Built Environment Industry Innovation Council Recommendations Report 2010
Australian Davos Connections (ADC) Cities Report 2010
Australian Urban Design Protocol <i>in progress</i> (Rob Adams) 2010
Australia's National Urban Policy Discussion Paper 2010
BEMP National Sustainable Settlement Policy 2010
Climate Smart Precincts Report to First Ministers (The Climate Group) 2010
Framework for a Community Engagement Strategy for the Built Environment (Arup) 2010
Grattan Institute Report – Cities: Who Decides? 2010
Grattan Institute Report – The Cities We Need 2010
Greenstar Communities National Framework (Green Building Council of Australia) 2010
State of Australian Cities (Major Cities Unit) 2010
Spotlight on Australia's Capital Cities: An Independent Assessment of City Planning (KPMG) 2010
Sustainable Cities Index: Ranking Australia's 20 Largest Cities (Australian Conservation Institute) 2010
Towards a City Strategy: National Urban Policy Submission (Council of Capital City Lord Mayors) 2010
Our Future World: An Analysis of Global Trends, Shocks, Scenarios (CSIRO) 2010
Report Constructing Cities for the Future (Australia Sustainable Built Environment Council) 2009
COAG Communiqué 7 December 2009
Urban Policy Statement (Urban Design Institute of Australia)
Liveable Communities (Planning Institute of Australia)
National Policy on Sustainable Development (Australian Built Environment Design Professionals)
National Strategy on Energy Efficiency (Council of Australian Governments)
Putting Value on Landscape (Australian Institute of Landscape Architects)
Climate Change (Engineers Australia)
Three Ps People Productivity Place (Property Council of Australia)

AUSTRALIAN ARTICLES / SPEECHES

Hon. Anthony Albanese	State Of Our Cities Report Launch <i>Queensland Media Club, 5 March 2010</i>
Hon. Anthony Albanese	Address to the Australian Davos Connection Cities Summit <i>Melbourne, 29 March 2010</i>
Hon. Paul Keating	Urban Development Institute of Australia National Congress <i>Sydney Convention Center, 9 March 2010</i>
Prof Ken Maher, FRAIA	Paul Reid Lecture in Urban Design, 2010 Shaping the City: Renewal by design <i>University of New South Wales, Sydney, 10 March 2010</i>
Hon. Kevin Rudd	Building A Big Australia: Future planning needs of our major cities <i>Address to the Business Council of Australia, Sydney, 27 October 2009</i>

REFERENCE DOCUMENTS: SOUTH AUSTRALIA

PRIMARY

30-Year Plan for Greater Adelaide	2010
South Australia's Strategic Plan (SASP)	2007
State Reform Agenda (Green SA and Vibrant Adelaide)	2009
Economic Statement: SA's Prospect for Growth EDB	2009
Creating our Future: City of Adelaide Strategic Plan	2008-2012
City of Adelaide Tourism Action Plan	2009 (Draft)
City of Adelaide Parklands Management Plan	2009
People Prosperity Place — Property Council Australia	2010
O-Bahn City Access: Scoping Report	2010
Infrastructure Report — Property Council	2009
Adelaide 2036: Building on Light's Vision — Property Council Australia	2009
Healthy Places and Spaces: A National Guide to Designing for Healthy Living	2009
Green City Accord	
Water for Good — A Plan to Ensure Our Water Future to 2050	

SUPPORTING

Powerhouse CBD Unleashing Adelaide's Potential, Property Council Australia	2010
Heritage in the City, Property Council Australia	2010
South Australia Tourism Plan — SA Tourism	2009-2014
Sustainability and Innovation Strategy — Land Management Corporation	2009
City of Adelaide Five Year Public Art Plan	2008-2013
City of Adelaide Bicycle Action Plan	2008-2011
Design Guidelines for Sustainable Tourism	2007
State Government Greenhouse Strategy	2007-2020
Strategic Infrastructure Plan for South Australia	2005/6-20014/15
Our Buildings / Our Communities DTEI	2006
City of Adelaide Development Plan (Heritage) Reform	2009 (Under Review)
City of Adelaide Integrated Public Art Masterplan (IPAM) for Rundle Street	2009
City of Adelaide Rundle Mall Repositioning Project	2009 (In Progress)
Karna Cultural Heritage Report	2007
Housing Plan for South Australia and Housing Guidelines	

ADELAIDE THINKERS IN RESIDENCE REPORTS

Professor Peter Cullen	Water and Sustainable Landscapes
Professor Andrew Fearn	Sustainable Food and Wine Value Chains
Herbert Girardet	Sustainable Adelaide
Fred Hansen	Urban Places: Growing Communities Through Transport
Professor Ilona Kickbusch	Health Societies: Addressing 21 st Century Health Challenges
Charles Landry	Rethinking Adelaide: Capturing Imagination
Dr Geoff Mulgan	Innovation in 360 Degrees: Promoting Social Innovation in SA
Professor Stephen Schneider	Climate Change: Risks and Opportunities

STUDY MATERIALS: INTERNATIONAL AND NATIONAL

CASE STUDIES AND MODELS

Global: Arup	Slim City
Global: Arup	City Information Modelling
Global: Arup	Entering the Ecological Age, The Engineer's Role, Peter Head
Europe	"Baukulture" as an Impulse for Growth, European Cities Case Studies
Canada	Greening Toronto
Canada	Vancouver Agreement 2005
Denmark	Ecotopedia
Ethiopia	Cities of Change: Addis Ababa, <i>Angelil, A. and Hebel, D.</i> , 2009
Switzerland	ETH: Future Cities
USA	Carnegie Mellon Remaking Cities Institute / Urban Lab
USA	University of California Berkeley, EcoBlock

INTEGRATED DESIGN: PRACTICES AND PROCESSES

Report on Integrated Practice	American Institute of Architects
Integrated Project Delivery Guide	American Institute of Architects
Integrated Project Teams	Australian Institute of Architects
Project Initiation Guide	Australian Institute of Architects
Integrated Practice in Architecture	George Elvin
Integrated Design	David Macauley (Mithun)
Integrated Design in Contemporary Architecture	Kiel Moe
Building a Client-Orientated, Knowledge-Based, Value-Driven Industry, UK Platform for the BE	

AUSTRALIAN BUILT ENVIRONMENT PUBLICATIONS

Benchmarking the Public Domain — <i>Malcolm Snow</i>
Blubberland: The Dangers of Happiness — <i>Elizabeth Farrelly</i>
Cities as Sustainable Ecosystems — <i>Peter Newman</i>
Design in Context — <i>AIA and NSW Heritage Office</i>
From Industrial Cities to Eco-Urbanity — <i>Rob Adams</i>
A Human Thing. Sustainability. Woods Bagot, Public #5 — <i>Paul Kelly, ed.</i>
Procuring Innovative Architecture — <i>Leon van Schaik, Geoff London</i>
The Private Life of Public Architecture — <i>Andrew Mackenzie, ed.</i>
Resilient Cities — <i>Beatly, Boyer, Newman</i>
Transforming Australian Cities for a More Financially Viable and Sustainable Future — <i>Rob Adams</i>
Urban Solutions: Propositions for the future Australian City — <i>Robert McGauran, ed.</i>

AUSTRALIAN CITIES STUDIES

ACT	Canberra	21st Century Canberra: Toward a Shared Vision	2011
New South Wales	Sydney	Sustainable Sydney 2030	2008
		Public Spaces, Public Life — Gehl	2007
Queensland	Brisbane	Smart Cities: Rethinking the City Centre	2007
	Brisbane	City Centre Master Plan	2006
Victoria	Melbourne	Future Melbourne http://www.FutureMelbourne.com	
		Melbourne Smart City: C40 Urban Life, Arup	2010
		Places for People — Gehl	2009
		Places for People — Gehl	2004
		Towards a Better Melbourne — City of Melbourne	2006
		Southbank Plan — City of Melbourne + Vic Gov	2006
		Grids and Greenery — City of Melbourne	1987
Western Australia	Perth	Public Spaces, Public Life — Gehl	2009
		Riverside Master Plan Review	
		Subiaco Line Development	
		What If"	

STUDY MATERIALS: SOUTH AUSTRALIA

SA MAJOR PROJECTS

Riverfront Development (EDB) SATC / AFCT at Convention Centre
Victoria Square / Tarndanyangga Urban Regeneration Project
Coast to Coast Light Rail Project from City West to the Entertainment Centre
North Terrace Redevelopment (and "Northern Lights" Project)
Adelaide Oval Redevelopment and Surrounding Parklands
(New) Royal Adelaide Hospital and West End Precinct Masterplan
Health and Medical Research Institute at Morphett Street Bridge (next to New RAH)
Glenside Campus and Adelaide Film and Screen Centre
Adelaide Entertainment Centre Redevelopment
Inner North Metropolitan Adelaide Regeneration Project
Thebarton Urban Forest (former SA Water Depot)
Victoria Park/Bakkabakkandi Community Recreational Park and Wetlands
South Australian Cricket Association Western Grandstand Redevelopment
Rundle Mall Integrated Public Art, Rundle Street Redevelopment

SA PROPOSALS

Studio projects from Uni SA and Adelaide University	
Blue Skies Vision for the SA Museums	2009
Vision for Adelaide, James Allen	2009
Adelaide 2050: Burton, Dreosti, Schultz	2007
City as Stage	2006
Adelaide: A Distinct Advantage, Nathan Alexander	2005
A Better Place to Live: Revitalizing Urban Adelaide, Property Council	1999
Adelaide: The Way Forward, Property Council of Australia	1999
A Better Place to Live : Revitalizing Urban Adelaide, DTEI	1999
2020 Vision: Ideas for Metropolitan Adelaide, Dept Enviro Planning	1991

SA PUBLICATIONS

Public Spaces and Public Life: City of Adelaide 2002 — Gehl Architects
Adelaide: Nature of a City — Christopher Daniels; Catherine Tate
Vintage Adelaide — Peter Fischer; Kay Hannaford Seamark
With Conscious Purpose: A History of Town Planning in South Australia — Hutchings, ed.

USEFUL MATERIALS

COMMISSION ON ARCHITECTURE AND THE BUILT ENVIRONMENT

The Value of Good Design	CABE
Moving Towards Excellence in Urban Design and Conservation	CABE
Ordinary Places	CABE, 2010
Design Review: Principles and Practice	CABE, 2009
Good Design: The Fundamentals	CABE, 2008
Inclusion by Design: Equality, Diversity and The Built Environment	CABE, 2008
Paved With Gold: The Real Value of Good Street Design	CABE, 2007
Design Review: Evaluating Quality in Architecture and Urban Design	CABE, 2006
The Cost of Bad Design	CABE, 2006
The Value of Urban Design	CABE, 2001

USEFUL WEBSITES

<http://cife.stanford.edu/>
<http://creativecities.britishcouncil.org>
<http://en.red-dot.org/>
<http://network.aia.org/AIA/CenterforIntegratedPractice/>
<http://senseable.mit.edu/>
<http://team7.govhack.net.tmp.anchor.net.au/networkgraph.php>
<http://www.aedas.com/Europe/RandD/TallBuildingSimulation>
<http://www.aiatopten.org/>
<http://www.cabe.org.uk/>
<http://www.carbonbuzz.org/>
<http://www.designagainstcrime.com/>
<http://www.designobserver.com>
<http://www.doorsofperception.com/>
<http://www.di.net/>
<http://www.driversofchange.com/>
<http://www.feastongood.com/>
<http://www.frogdesign.com/>
<http://www.gapminder.org/>
<http://www.helsinki.designlab.org/>
<http://www.humancenterreddesign.org>
<http://www.ibm.com/smarterplanet/au/en/>
<http://www.ideo.com/work/human-centered-design-toolkit/>
<http://www.indexaward.dk/>
<http://www.innocentive.com/landing/global-giveback.php>
<http://www.intrastructures.net/>
<http://www.isa.org.usyd.edu.au/>
<http://www.living-planit.com>
<http://www.nbm.org/intelligentcities/>
<http://www.ncl.ac.uk/culturelab/>
<http://www.nesta.org.uk/>
<http://www.oasis-software.com/products/sustainability/aspire/>
<http://www.ok-do.eu/>
<http://www.participle.net/>
<http://www.pps.org/>
<http://www.supportstructure.org/>
http://www.sustainable-everyday.net/human_cities/
<http://www.ted.com/>
<http://www.thersa.org/>
<http://www.uli.org/>
<http://www.urban-age.net/>
<http://www.urbanlab.com/urban/>
<http://www.visualizing.org/>
<http://www.worldchanging.com/archives/007986.html>

USEFUL MATERIALS

DEVELOPMENT AND INVESTMENT PUBLICATIONS

100% Renewable Energy for Cities and Beyond	Professor Peter Droege
Building Investment Decision Support (BIDS)	Professor Vivian Loftness, FAIA
Connected Real Estate	O'Donnell, K., Wagener, W. ed., Cisco 2007
Four Dimensions of Sustainable Neighborhoods	Professor Harrison Fraker, FAIA
Positive Development	Professor Jane Birkeland
Urban Land Institute (ULI) Best Practices	Urban Land Institute, USA

CHANGE / DESIGN / INNOVATION PUBLICATIONS

Design and the Elastic Mind	Paula Antonelli, curator
Drivers of Change 2006 + 2009	Arup
Glimmer: How Design Can Transform Your Business	Warren Berger
Change by Design	Tim Brown
The Tipping Point	Malcolm Gladwell
Design Driven Innovation	Tom Kelly
Massive Change: The Institute without Boundaries	Bruce Mau
The Design of Business	Roger Martin
Change Design: Architecture as Ultimate Business Tool	NBBJ
A Whole New Mind	Daniel Pink
Innovation X	Adam Richardson
World Changing: A User's Guide to the 21st Century	Alex Steffen, ed.
In the Bubble: Designing in a complex world	John Thackara

USEFUL EXPERTS IN AUSTRALIA

Rob Adams, Maria Atkinson, Janis Birkeland, Michael Bryce, Catherin Bull, Tristram Carfrae, John Denton, Daniel Grollo, Elizabeth Farrelly, Karl Fender, Stuart Harrison, John Henshall, Dan Hill, Allen Kearns, Paul Keating, Steffen Lehmann, Geoffrey London, Martin Loosemore, Ken Maher, John Montgomery, Peter Newman, Shelly Penn, Pru Sanderson, Malcolm Snow, Paulo Tombesi, Leon van Schaik, Richard Weller

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Florida, R., 2002, *The Rise of the Creative Class*, Basic Books, Cambridge, Massachusetts.
Foqué, R. 2010, *Building Knowledge in Architecture*, University Press Antwerp, Brussels, Belgium
Frederick, M., 2007, *101 Things I Learned in Architecture School*, MIT Press, Cambridge, Mass.
Furedi, F., 2004, *Where Have All the Intellectuals Gone?*, Continuum, London and New York.
Pink, D.H., 2005, *A Whole New Mind: Moving from the Information Age to the Conceptual Age*, Riverhead Books, New York.
Simon, H., 1996, *The Sciences of the Artificial*, 3rd Ed., MIT Press, Cambridge, Massachusetts
Wheeler, St., 1998, *Planning Sustainable and Livable Cities*, Routledge, New York.

DIAGRAM CREDITS (ADAPTED OR REDESIGNED)

Page 20	Richard Foqué, Building Knowledge in Architecture, 2010
Page 22, 25, 107	Reneé Cheng and Laura Lee
Page 24	Bruno Munari, Design as Art, 1966
Page 96 bottom	Phil Bernstein, Autodesk 2007
Page 102 bottom	Paulo Tombesi, Clever Beyond Engines, 2010
Page 104	Richard Burdett, Vision for the Four CIB Themes, 2005
Page 122 to 133	Evolve Architecture, USA, 2010
All other diagrams and SA maps (48 total) designed by Stevie Summers	

ACKNOWLEDGEMENTS

We shall not cease from exploration
And the end of all our exploring
Will be to arrive where we started
And know the place for the first time.

TS Eliot, poet *The Four Quartets*, Little Gidding

Premier Hon Mike Rann MP
Minister Hon Paul Caica MP
Minister Hon Patrick Conlon MP
Minister Hon Gail Gago MLC
Minister Hon John Hill MP
Minister Hon Paul Holloway MLC
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Stevie Summers
Louise Wormald

My time in South Australia was the most enriching journey of discovery and design, and I hope the recommendations in this report will be taken up by many champions and agents of change who will pave the road ahead. As a Thinker, I had the privilege of investing in a community and a state that is a great incubator for ideas and where I believe people are now committed to follow through with an integrated design approach and innovative models of collaboration and practice.

My experiences as a Thinker were extraordinary for many reasons, but most distinctly because of people I have met, come to know well, and with whom I have worked closely. For me, South Australia as a place is defined by extraordinary people, all of whom have been supremely collaborative, creative, genuinely engaging and wonderfully hospitable.

I am most grateful for the opportunity supported by the Premier and Cabinet ministers. The inspiration and motivation I experienced during the residency, and in forming the recommendations, arose from the energy, foresight and leadership of those listed and the approximately 1000 more people with whom I met.

The relationships I formed and fostered in SA have fundamentally influenced this report. Specifically, the recommendations are a direct reflection of the ideas and investment of the residency partners. My most profound thanks to the engaging and intelligent group of residency partners who are role models in collaborative, creative and open-minded thinking. My great admiration and respect extend to Jason Pruszinski for initiating the Integrated Design Strategy for inner Adelaide.

I wish to acknowledge and thank those in the design and built environment industry, especially the Australian Institute of Architects, and countless stakeholders consulted in the process, who made themselves willingly available for discussions and meetings, offering endless support for the advancement of integrated design, and providing a needed context for an understanding of current practices in SA. A special thanks to Natalya Boujenko for countless hours of valued feedback.

Arriving to where I started to know the place for the first time, I had the great fortune of a challenging and well-defined brief. For this, I owe thanks to Brenda Kuhr, former director of the Adelaide Thinkers in Residence program who identified the potential of the residency and composed a perfect group of partners. Furthermore, I owe the residency objectives to an enlightening report *Intelligent by Design* written by Eva Les and prepared for Minister John Hill MP. And from the first residency meeting with Greg Mackie, he has served as the most important cultural and intellectual thread imaginable.

Sincerest thanks to director Gabrielle Kelly who provided an ideal operational space and supportive environment for the residency, understanding the value of process. I am grateful to Joanna Hughes for written translation of mystifying subjects, and to the very talented designer Samantha Haedrich for bringing concepts alive visually. Louise Wormald was indispensable in helping me to understand the complexity and value of government public works. A very special thanks to designer Stevie Summers as the author of all diagrams in this report, who enriched me and the content through her ideas.

And most of all, a deepest expression of gratitude to Emily Glass, not only the project officer for the residency but the most caring, humane and intelligent choreographer of all that is practical, as well as emotional. The impact of the residency in reaching the broadest range of stakeholders from the public to ministers is due to Emily's sensitivity, savvy and wisdom.

If you have come to this final paragraph having read this report in its entirety, and it has reached you in some way, it is to the credit of the editorial talents of Richard Hosking, a saint for his patience and a master of translating the world of integrated design into our everyday world that matters.





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