TOTALITY OF HEALTH BENEFITS FROM ENVIRONMENTAL DESIGN

LANDSCAPE ARCHITECTURE

Role of design in raising the intellectual, emotional, and cultural values of place and community

PUBLIC REALM
Regional
District
Neighbourhood
Local
Streets

PRIVATE OPEN SPACE
Residential
Medical
Commercial
Industrial
Rural

LANDSCAPE ELEMENTS

Vegetation
Open Space
Play / Exercise Equipment
Rest Amenities
Interpretation
Pathway Network
Vertical Roof Gardens
Materials Palette
Maintenance

CONDITIONS

Everyday
Trauma Recovery
Therapeutic

HEALTH BENEFITS

Physical and Social
Psychological and Emotional
Intellectual and Cultural

KEY MESSAGE : ENVIRONMENTAL DESIGN IS ESSENTIAL TO BENEFIT OUR EVERYDAY LIFE

COMMUNITY
Across Ages

Children Young Adults	Working Life Family Life	Elderly Palliative

HEALTH
Across Physiology

Developmental: Emotive Cognitive/ Dexterity Sensory Resilience Retina	**Physical:** Obesity ADHD Asthma/Respiratory Diabetes	**Mental:** Trauma Recovery Emotional and Psychological Wellbeing

SOCIETY
Across Levels and Sectors

Community Benefits: Crime prevention Spiritual Community	**Economic Benefits:** Workforce [less sick days] Trade workforce Professional workforce Ancillary workforce Welfare workforce	**Government Benefits:** Medicare + PBS Medication Hospital Crime + Policing Funding + Investment returns: people + environment.

KEY MESSAGE : WE ARE LOSING OUR LIVABILITY BENEFITS

OPPORTUNITIES + ACTIONS

GOVERNANCE
Assist government in developing + delivering governance actions

PLANNING
Environmental Design to be included at the start of the land development project life cycle: from feasibility and structure planning stages onwards

DESIGN
Assist government in developing a performance ratings tool to ensure design excellence

MANAGEMENT
Assist government in the development of landscape asset management guidelines

---

GOVERNANCE

Establish a multidisciplinary integrated Design Commission

Invest in the development and delivery of an implementation document – from a 'White Paper' to 'Blue Paper' with clear:
o   processes and steps
o   roles and responsibilities
o   timeline against action items

Targets and Initiatives that are:
o   Measurable
o   Achievable
o   Accountable
o   Sustainable

Develop State policies that support local government guidelines

Develop Local Government design and development guidelines and assessment panel

PLANNING

Land-banking / future proofing

Open Space Network: hierarchy of open spaces with an integral relationship to hospitals, schools, aged-care facilities, etc.

Develop PPP guidelines

Consolidate development incentives

Consistency of policies across disciplines

Consistency of environmental design considerations enforced by the Urban Design Protocol

Extend clause 56 to promote best practise WSUD beyond green-fields

Inclusion of public health in the Environment Act 1987

DESIGN

Development of a precinct based rating tool that ensures a measurable commitment to design excellence and health and wellbeing

Capacity building to ensure optimal integration of green infrastructure

Management authorities to undertake Open Space Development Plans and Management Plans.

Co-ordinate and maintain a database of the physical characteristics of manor cities and towns inc. 3D mapping and non-spatial data

Social | Built Form | Precinct Scale | Design Guidelines | Place Making | Sustainable Transport Investment

Performance Assessment Criteria

MANAGEMENT

Memorandum of Understanding with other providers – PPP.

Life-cycle cost benefit analysis

Post-occupancy audit

Post-occupancy establishment

Ongoing maintenance

KEY ACTION : ENVIRONMENTAL DESIGN IS TO BE ACROSS ALL DEVELOPMENT STAGES + PROCESSES