



# **ENVIRONMENTAL RESPONSIBILITY STRATEGY**







**“DEVELOPMENT THAT MEETS THE NEEDS OF  
THE PRESENT WITHOUT COMPROMISING  
THE ABILITY OF FUTURE GENERATIONS  
TO MEET THEIR OWN NEEDS.”**

Sustainable Development, as defined by the Bruntland Report for the World  
Commission on Environment and Development (1992).



**“SUSTAINABLE DEVELOPMENT IS THE PATHWAY TO THE FUTURE WE WANT FOR ALL. IT OFFERS A FRAMEWORK TO GENERATE ECONOMIC GROWTH, ACHIEVE SOCIAL JUSTICE, EXERCISE ENVIRONMENTAL STEWARDSHIP AND STRENGTHEN GOVERNANCE.**

- Ban Ki-Moon, Secretary-General of the United Nations from January 2007 to December 2016.

## **OUR ENVIRONMENTAL RESPONSIBILITY**

Climate change, poverty and food shortages are some of the major challenges facing the global community today. At InfraPlan, we believe that our generation, more than any other in the history of humankind must address these challenges for the benefit of future generations.

The InfraPlan 'Environment Responsibility Strategy' underpins how we do business. It demonstrates our understanding of sustainable development, documents what we can do at local and global scales, and represents our commitment to integrate sustainable practices into our daily operations.

As part of our ongoing evolution toward a more sustainable future, environmental and social key performance indicators have been established. These remain closely tied to our economic performance and growth for a holistic and realistic approach.

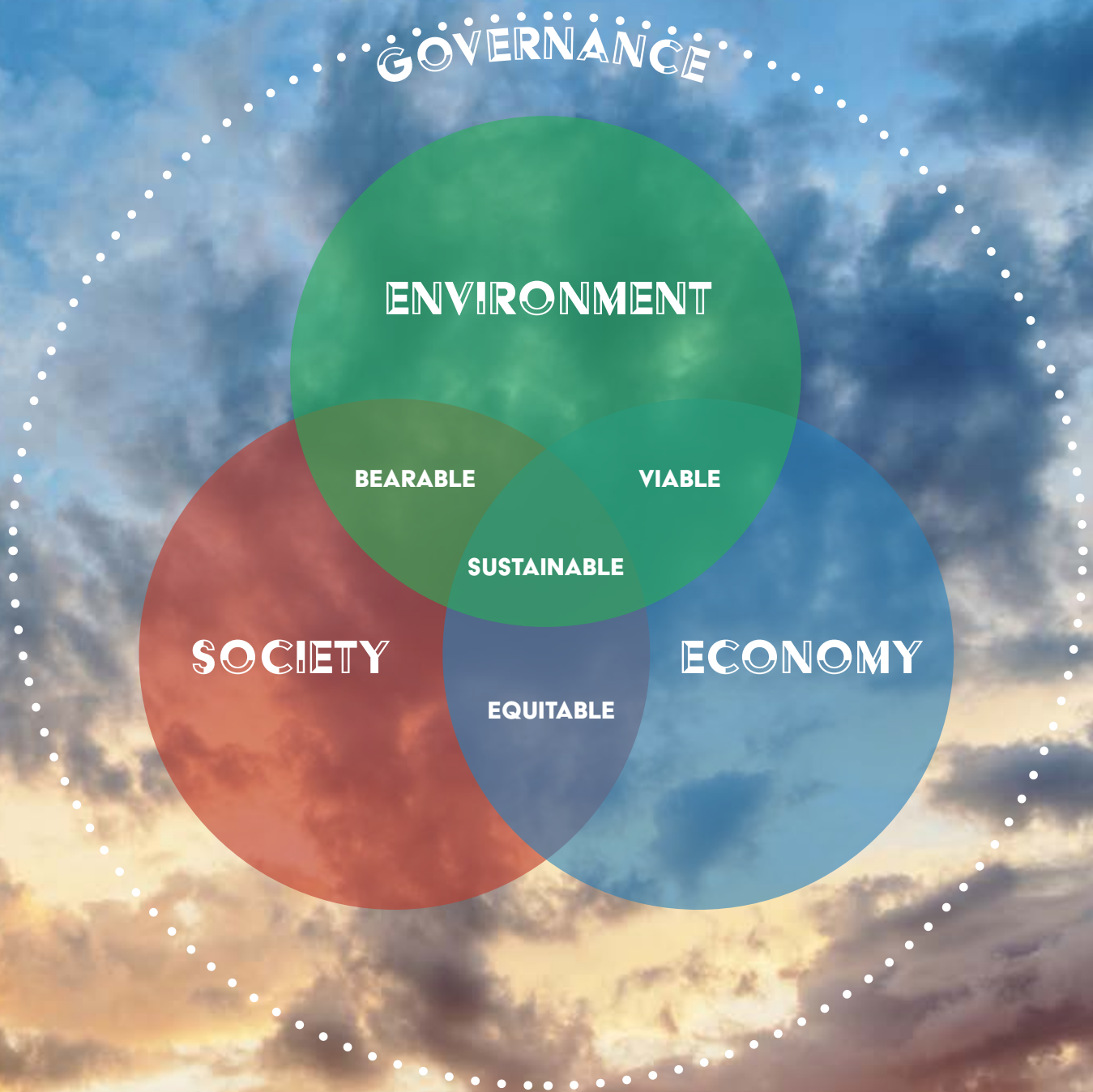
- George Giannakodakis (InfraPlan Managing Director)

## **THINK GLOBALLY AND ACT LOCALLY**

Continually looking for ways to make the future a better place, InfraPlan was established in 2005 to put our productive imagination to work using a more strategic and creative approach to challenges. InfraPlan offers a range of consultancy services with sustainable objectives at the helm, including: urban and regional planning, transport policy advice, sustainable movement planning, project management, economic analysis and traffic engineering services.

The InfraPlan Team is strongly committed to our Environment Responsibility Strategy. We have ensured that all targets are an implementation procedure to ensure that the realistic and measurable objectives and targets are achieved. And demonstrate our Environmental Responsibility to our clients, colleagues and peers.











# ONE PLANET LIVING

InfraPlan strives to embrace the principles of 'One Planet Living'.

These are based on ten principles of sustainability, summarised below, that act as a framework to highlight the sustainability challenge in a given situation and as a mechanism for developing and presenting solutions.

GLOBAL CHALLENGE	ONE PLANET LIVING PRINCIPLE
Climate change due to human-induced build up of carbon dioxide (CO <sup>2</sup> ) in the atmosphere	Zero Carbon
Waste from discarded products and packaging create a huge disposal challenge while squandering valuable resources	Zero Waste
Travel by car and airplane can cause climate change, air & noise pollution, and congestion	Sustainable Transport
Destructive patterns of resource exploitation and use of non-local materials in construction and manufacture increase environmental harm and reduce gains to the local economy	Local and Sustainable Materials
Industrial agriculture produces food of uncertain quality and harms local ecosystems, while consumption of non-local food imposes high transport impacts	Local and Sustainable Food
Local supplies of freshwater are often insufficient to meet human needs due to pollution, disruption of hydrological cycles and depletion of existing stocks	Sustainable Water
Loss of biodiversity and habitats due to development in natural areas and overexploitation of natural resources	Natural Habitats and Wildlife
Local cultural heritage is being lost throughout the world due to globalisation, resulting in a loss of local identity and wisdom	Culture and Heritage
Some in the industrialised world live in relative poverty, while many in the developing world cannot meet their basic needs from what they produce or sell	Equity and Fair Trade
Rising wealth and greater health and happiness increasingly diverge, raising questions about the true basis of well-being and contentment	Health and Happiness



# ACHIEVING BETTER ENVIRONMENTAL OUTCOMES

InfraPlan is committed to ensuring that the needs of the natural environment are fully taken into consideration across all of its activities, to help achieve 'living within environmental limits'. We operate effective controls throughout the business to ensure environmental objectives and targets are met. We work closely with our clients to ensure that together we maximise environmental benefits. We know which are the most significant areas of impact and have key performance indicators in place to monitor our progress in reducing them.

InfraPlan is actively working to:

- Demonstrate the positive impacts we can bring through our professional advice and services to our clients.
- Lead by example, through providing sustainable transport options for communal office use.
- Inform environmental policies and programs through our projects with government.
- Educate on the advantages of sustainable practices.
- Promote the implementation of sustainable initiatives at global and local levels.
- Achieve efficient, sustainable use of resources such as water and energy.
- Shift to more sustainable modes of travel.
- Green our supply chains.

## OUR KEY PERFORMANCE INDICATORS

InfraPlan has developed measurable key performance indicators that have been, and will continue to be routinely examined.

- Ensure 80% of suppliers have an Environmental Responsibility Statement (or similar).
- Reduction in energy usage per employee (kWh/per year).
- Reduction in paper usage per employee (pages per month).
- Minimum 85% of employees ride a bike, walk or use public transport to work (on average).





Heysen Balcony Project.  
(InfraPlan's Adelaide Office).



Some of our indoor planters.



InfraPlan's share-bicycle.



Our office coffee is ethical, with  
biodegradable packaging.



Our office lighting is all energy  
efficient LED.



Recognised by the Adelaide City  
Council Green City Program.



Our electric scooter.



# ENVIRONMENTAL GOALS

ENVIRONMENTAL GOAL 1	ACTIONS/ PERFORMANCE	BY WHEN
Reduce InfraPlan Carbon Footprint	<ul style="list-style-type: none"> <li>• Measure Baseline Carbon Footprint.</li> <li>• Install energy efficient heating system with regulated thermostat and timing.</li> <li>• Increase percentage of employees cycling and walking to work and encourage a greater usage of public transport through in-house travel demand management.</li> <li>• Implement a video conferencing system.</li> <li>• When interstate travel is necessary, offset the carbon emission within the ticketing options.</li> <li>• Establish a predominately local supply chain.</li> <li>• Implement quarterly office sustainability audits.</li> </ul>	<p>Ongoing Complete</p> <p>Complete</p> <p>Complete Ongoing</p> <p>Ongoing Ongoing</p>

ENVIRONMENTAL GOAL 2	ACTIONS/ PERFORMANCE	BY WHEN
Achieve Zero Waste	<ul style="list-style-type: none"> <li>• Establish an effective waste management system, combining council and private waste management services that address all waste streams.</li> <li>• Display directive signage for staff for the proper disposal of waste in line with advice from 'Zero Waste SA'.</li> <li>• All paper purchased is manufactured from 90% recycled material.</li> <li>• Reduce the amount of paper per employee.</li> <li>• Recycle all waste paper and batteries.</li> <li>• Upgrade coffee machine to one that utilises recycled pods.</li> </ul>	<p>Complete</p> <p>Complete</p> <p>Complete</p> <p>Ongoing Ongoing Complete</p>

ENVIRONMENTAL GOAL 3	ACTIONS/ PERFORMANCE	BY WHEN
Green InfraPlan Supply Chain	<ul style="list-style-type: none"> <li>• Undertake a review of InfraPlan's supply chain and look to source suppliers with sustainability credentials.</li> </ul>	Ongoing



<b>ENVIRONMENTAL GOAL 4</b>	<b>ACTIONS/ PERFORMANCE</b>	<b>BY WHEN</b>
Reduce InfraPlan Water Consumption	<ul style="list-style-type: none"> <li>• Installation of dual flush systems.</li> <li>• Review office drinking water options by replacing delivered bottled water with fixed water filter system.</li> </ul>	Complete Complete

<b>ENVIRONMENTAL GOAL 5</b>	<b>ACTIONS/ PERFORMANCE</b>	<b>BY WHEN</b>
Reduce InfraPlan's mains energy consumption	<ul style="list-style-type: none"> <li>• Replace all indoor and outdoor lighting with energy efficient LED.</li> <li>• Upgrade all appliances to have highest energy star rating possible.</li> <li>• Become a complying member of City Switch. <ul style="list-style-type: none"> <li>• Ongoing discussion with City Switch to reduce overall energy use.</li> </ul> </li> <li>• Promote energy efficiency to our staff, customers and suppliers and share our experiences with other CitySwitch Signatories.</li> <li>• Become accredited by NABERS (National Australian Built Environment Rating System) with the highest 4 star rating.</li> <li>• Nominate an Energy Manager to monitor actual performance.</li> </ul>	Complete Ongoing Complete Ongoing Ongoing By end 2018 Complete

<b>ENVIRONMENTAL GOAL 6</b>	<b>ACTIONS/ PERFORMANCE</b>	<b>BY WHEN</b>
Encourage biodiversity, improve air quality and reduce InfraPlan's 'Heat Island Effect'	<ul style="list-style-type: none"> <li>• Install the 'Heysen Balcony Garden' project, an initiative of InfraPlan comprising a balcony garden visible from surrounding streets.</li> <li>• Become recognised by the 'Green City Program'.</li> <li>• Establish a minimum of 10 indoor plants within the office.</li> <li>• Seek advice on climate appropriate flora, so not to require sufficient water.</li> <li>• Use water sensitive items, such as water-saving planter boxes, mulch and so on to limit water use.</li> </ul>	Complete Complete Complete Complete Complete





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