



Online Form Submission

Title: Infinity Loop

Details:

"Imagine what you could do with infinite sustainable water, energy and utility services?"

The Infinity Loop is a world-class sustainable utility artery beneath the Bay's Promenade. It powers and seeds the construction of the Bays promenade itself, generating revenues, jobs, businesses, entertainment, opportunity, innovation and an outbreak of sustainability - green walls, green spaces, green homes, buildings —engulfing the Bays.

The Infinity Loop enables unlimited opportunity and world-class urban regeneration.

Development, investment, employment, housing, enterprise, liveability and sustainability are only possible because of this living utility conduit. Built directly below the promenade, it creates a sustainable spine for a Bay of Plenty, super charged with sustainable services making the impossible possible.

Harvesting energy from the sun, waves, tides, biomass and kinetics, delivering reverse osmosis purified recycled water from waste and open communications, the Infinity Loop is the only way to grow a Sustainable Bays Precinct for tomorrow's Sydney.

A future-proofed sustainable services conduit providing life to everything around it. Recirculating water, pure green energy, open source internet connectivity, free access for smart grids, metering data, security, and other nimble services as the precinct evolves.

This infrastructure approach represents a new global direction in the delivery of utility services. The Infinity Loop enables amazing innovation, enterprise, jobs, industry and the activity Sydney/NSW need. On show to the world: Exemplar design, active transit, affordable housing and socially inclusive places.

With a sustainable infrastructure spine – the impossible becomes possible:

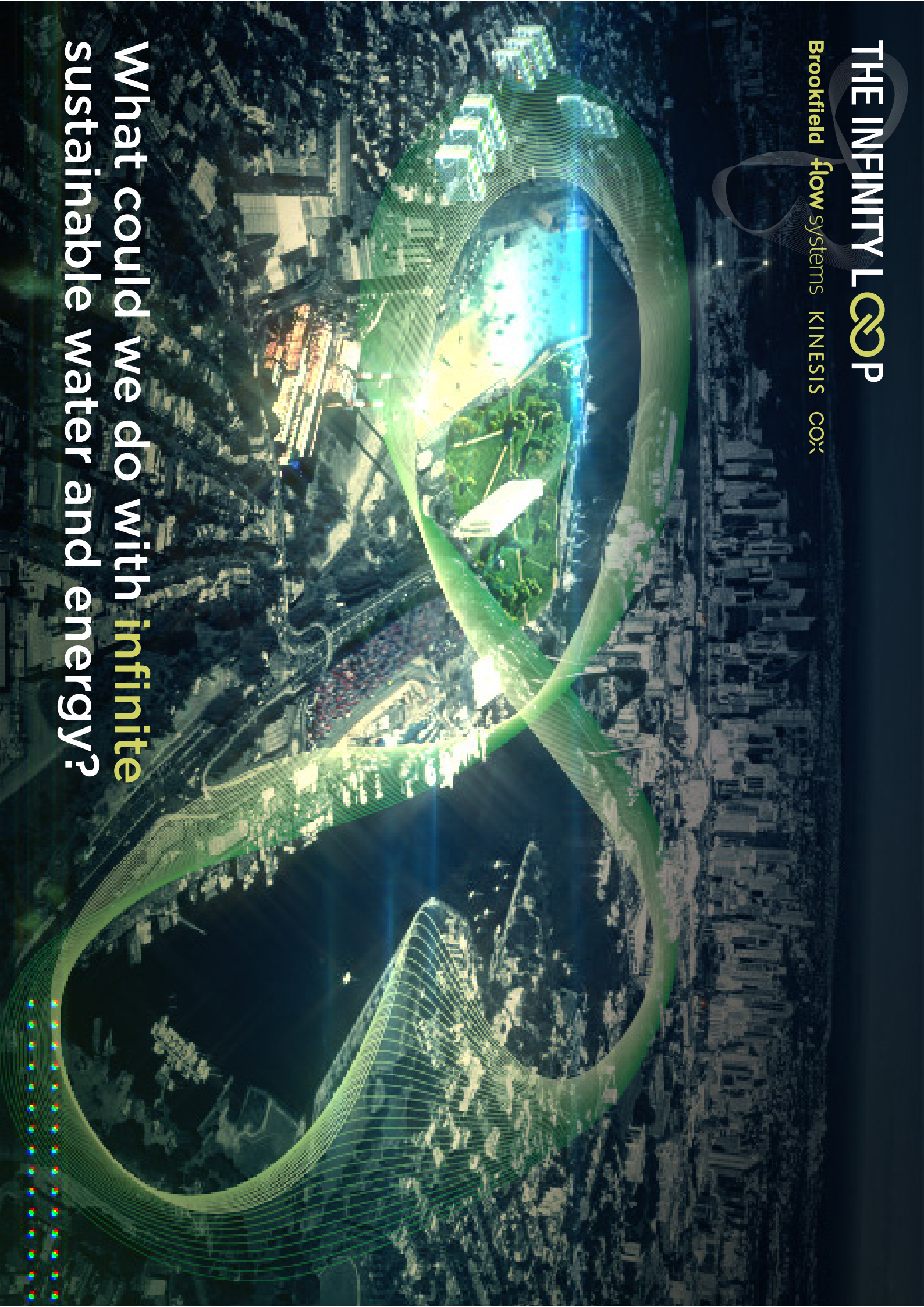
- **A BIOINTELLIGENT POWER STATION:** Biointelligent energy algae transforming White Bay Power Station into a Questacon for all. Leveraging the clean tech revolution this research hub will amaze, showcasing world's best innovations and its own building design excellence.
- **WAVE GENERATOR:** A Wave Park/ export industry, powered by sustainable energy purifying the harbour via its own wave action. This is Sydney technology and expertise, exported to the world.
- **EV PRIX** - the world's first Tropics Electric Vehicles Gran Prix. Sydney is the Monte Carlo of the Tropics. People will come from around the world, with super yachts 'in harbour' summer-long, setting up extensions to business. Shopping, eating, watching - they will, generate jobs and stimulate the economy.

- MULTISPORTS LOOP – There will be only one place to hold major active sporting events – for runners, swimmers, cyclists. This is the 'worlds stage' for Australia.
- BAYS BIG NEW ECOFAB –design build and buy your pre-fab building online. This new manufacturing sector produces green affordable buildings for the Bays."

THE INFINITY LOOP

Brookfield flow systems KINESIS COX

What could we do with **infinite** sustainable water and energy?



THE INFINITY LOOP

Brookfield flow systems KINESIS COX

WAVE GENERATOR



A surfing, swimming Wave Park powered by sustainable energy pumps solid wave fun, as well as purifying the harbour via its own wave action. Get in the pocket of three-metre-plus urban waves. Once we've built this one, let's do more — first in western Sydney, and then export them to the world in a GDP-boosting wave of innovation.

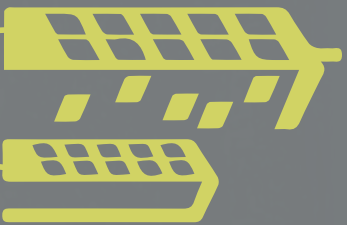
BIO-INTELLIGENT POWER STATION



Energy doesn't come from coal anymore. At the Bays, it's growing around us. Solar energy, waves, tides, kinetics and will be harvested, and bio-intelligent algae will take White Bay to provide biofuel. Green will bubble through the old power station, now transformed into a Quest-a-con or EPCOT Center of energy innovation. Here you can spend a day in the future — and you can bring everyone to learn about how it's here, now: babies, grannies, students, corporates

BAYS BIG NEW ECOFAB

The Bays version of housing and commercial property will involve self-fabricating eco-buildings. Built to world-class precision using self-assembling "4D-printed" technology, made in NSW and patented to the world. Designed, build and bought online, these off-site constructed buildings are carbon neutral and can be assembled in days. No digging required. Buildings made in all shapes and sizes to fill out the Bays offices, cofices and homes. A big new ecofab industry driving revenues for the State.



MULTISPORTS LOOP



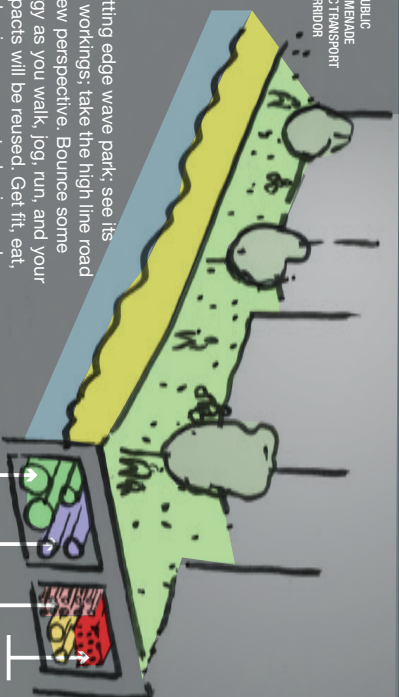
Get on your Rocket Skates, kangoo jump boots or running blades. Try out the Eto-E scooter and world's-best EV prototypes. Bring on your triathlons, marathons, Ironman series. There is only one venue you will want for your sports event - with the best Sydney active sports cauldron - The Bays Multisports Loop is unashamedly active and ensures to entertain

THE INFINITY LOOP

The Bays Promenade — this world-first green walkway is climate positive, investment positive, community positive. It's the centre of a precinct of plenty. What makes this possible? The Infinity Loop: a future proofed sustainable services conduit that grows beneath the promenade, providing recycled water, sustainable energy and other nimble services that can be added as the precinct evolves.

Sprouting low carbon energy and water, the Infinity Loop seeds jobs, entertainment, opportunity, innovation and an outbreak of sustainability: green walls, green spaces, green homes, offices, buildings — all engulfing the Bays.

PUBLIC
PROMENADE
+ KINETIC TRANSPORT
CORRIDOR



Surf at a cutting edge wave park; see its underwater workings; take the high line road and get a new perspective. Bounce some kinetic energy as you walk, jog, run, and your physical impacts will be reused. Get fit, eat, play, start a business, export a business, have fun as the promenade takes Australia and the world on a new adventure into the Open Loop Economy, where a cycle of sustainability can be exported and create jobs for a broader region.

POTABLE
WATER

CHILLED +
HOT WATER

PNEUMATIC WASTE
REUSE SYSTEM

COMMUNICATIONS

ENERGY

EV GRAND PRIX



Sabhi! No sound but as fast and elegant as the future. Welcome to the world's first Tropics Electric Vehicle Gran Prix, hosted by the Bays Promenade. Bring your rich and famous, celebrities, racers, people watchers and families. Get the best vantage and check out these supercharged cars do their "0-60 in 3.7 seconds" thing, proving EVs are speed-competitive.

Let the race begin! Figure eights through Harbour gates, CBD expressways, lanes and tunnels. Move over Monte Carlo, it's Sydney Formula E, a global convergence of thrills and innovation that will generate a multitude of benefits for the Open Loop Economy of the Bays.