

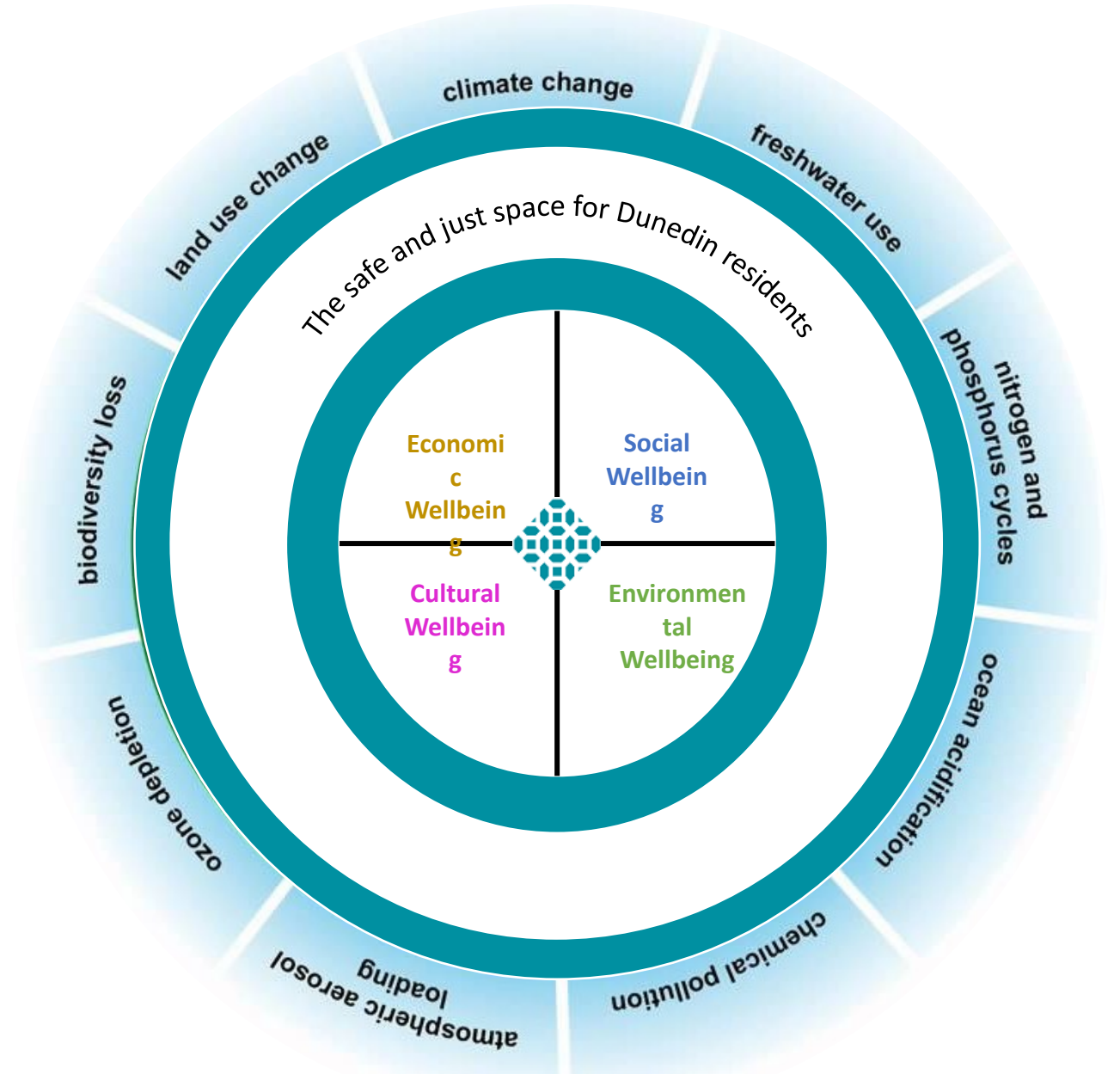


Sustainability Update - 2024



Today

- Looking back
- Current Situation
 - What is Doughnut Economics?
 - What is City Portrait?
- Looking forward



DCC Strategic Framework



2009 - 2020

2009 - Political commitment to sustainability

In 2009, a vision for Sustainable Practice at the DCC was adopted for use in the 10 Year Plan, in response to community feedback. The vision was based on the definition of Sustainability developed by the Brundtland Commission of the United Nations in 1987:

“Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs.”

In 2012, the concept of Sustainability was retained as a guiding principle across the new strategic framework, but the specific 2009 UN reference was dropped.

In 2019, an internal review assessed understanding of sustainability, and application of sustainable practice across the DCC. Examples of sustainable practice were found but the interpretation and areas of focus were variable.

Ref: *DCC Council report (2020) ‘Sustainability Frameworks Options’*

Council Resolution - 2020

In 2020, Council were asked for their direction on the approach to sustainability. They were presented 3 approaches:

- a) New Zealand Treasury's Living Standards Framework
- b) United Nations' Sustainable Development Goals, and
- c) The Thriving Cities Initiative's City Portrait

“Moved (Cr Steve Walker/Cr Christine Garey). That the Council:

- a) Considers the sustainability frameworks set out in the report, and Strategic Framework Refresh Page 2 of 7
- b) Approves development of the City Portrait framework for development and adaptation.



Harrison Grierson Services

Consultants - 2021

In 2021, staff engaged consultants Harrison Grierson to help develop the work programme for the wider 'Strategic Refresh' work programme, which included developing the City Portrait model. Implementation on the plan began in June 2021.

Challenges: Covid, halted public engagement across 2021

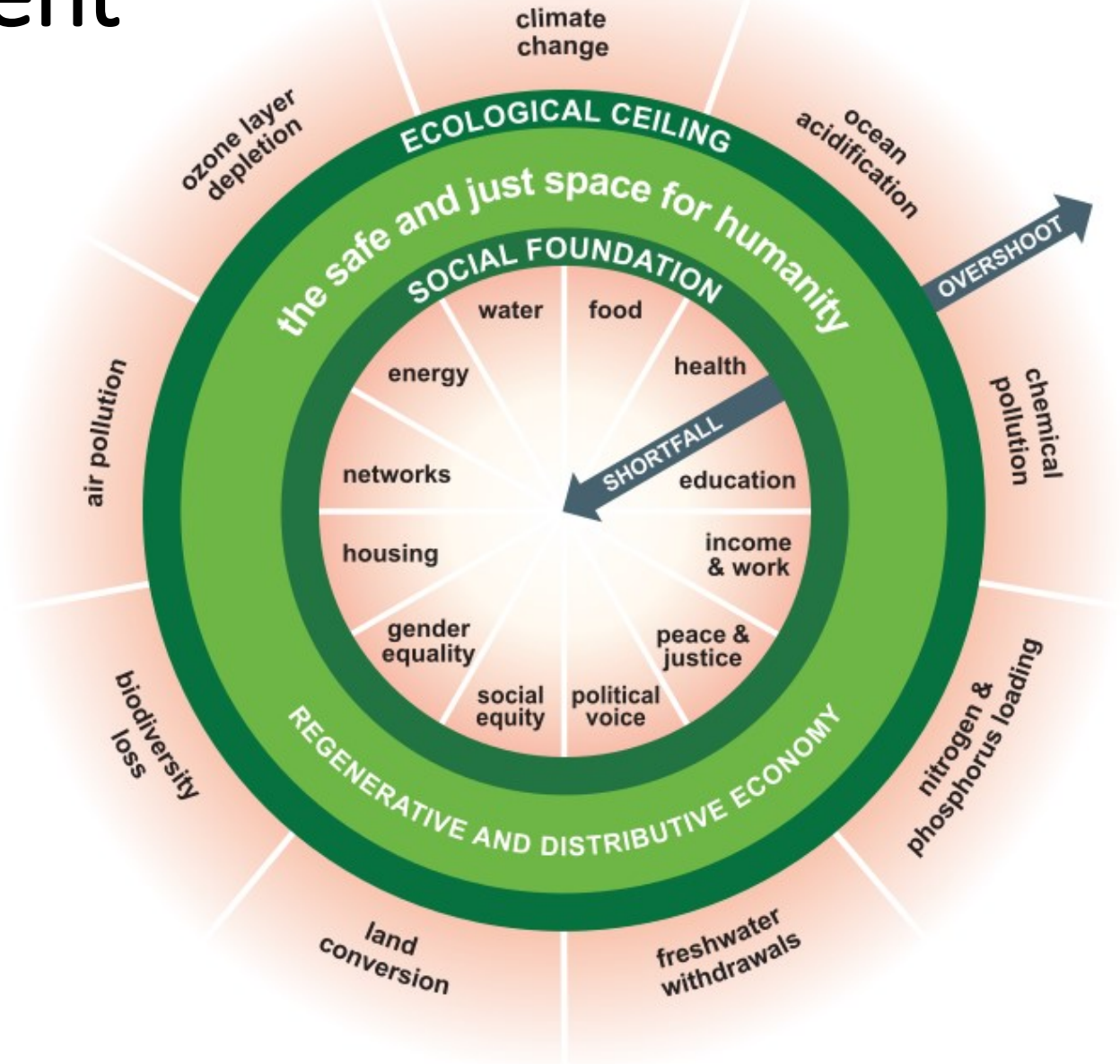
HG did not account for Council's processes and underestimated the time needed to implement changes

Positives: DCC commits to Zero Carbon 2030 by approving ZC Policy 2022 and ZC Plan 2023
DCC approves Te Taki Haruru – Māori Strategic Framework 2023

City Portrait development

City Portrait uses doughnut economics (global limits) and adapts these to the city level

- It does not necessarily hold a 'view' in regard to growth
- Other knowledge and applied systems of sustainability, in particular indigenous understandings and practices of sustainability are ignored, and
- it is very Global North focussed



Consultants: PAN 2022/2023

- Planetary Accounting Network
- Charity – NZ based
- Founder – Kate Meyers



HELPING PEOPLE LIVE WITHIN OUR PLANET'S LIMITS

The Planetary Accounting Network (PAN) works with people, businesses, and governments to quantify what is needed at different scales to return to and remain within the Planetary Boundaries.

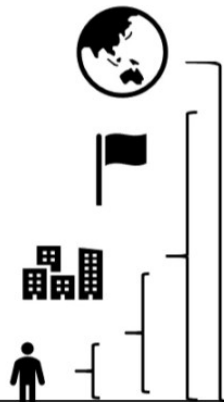
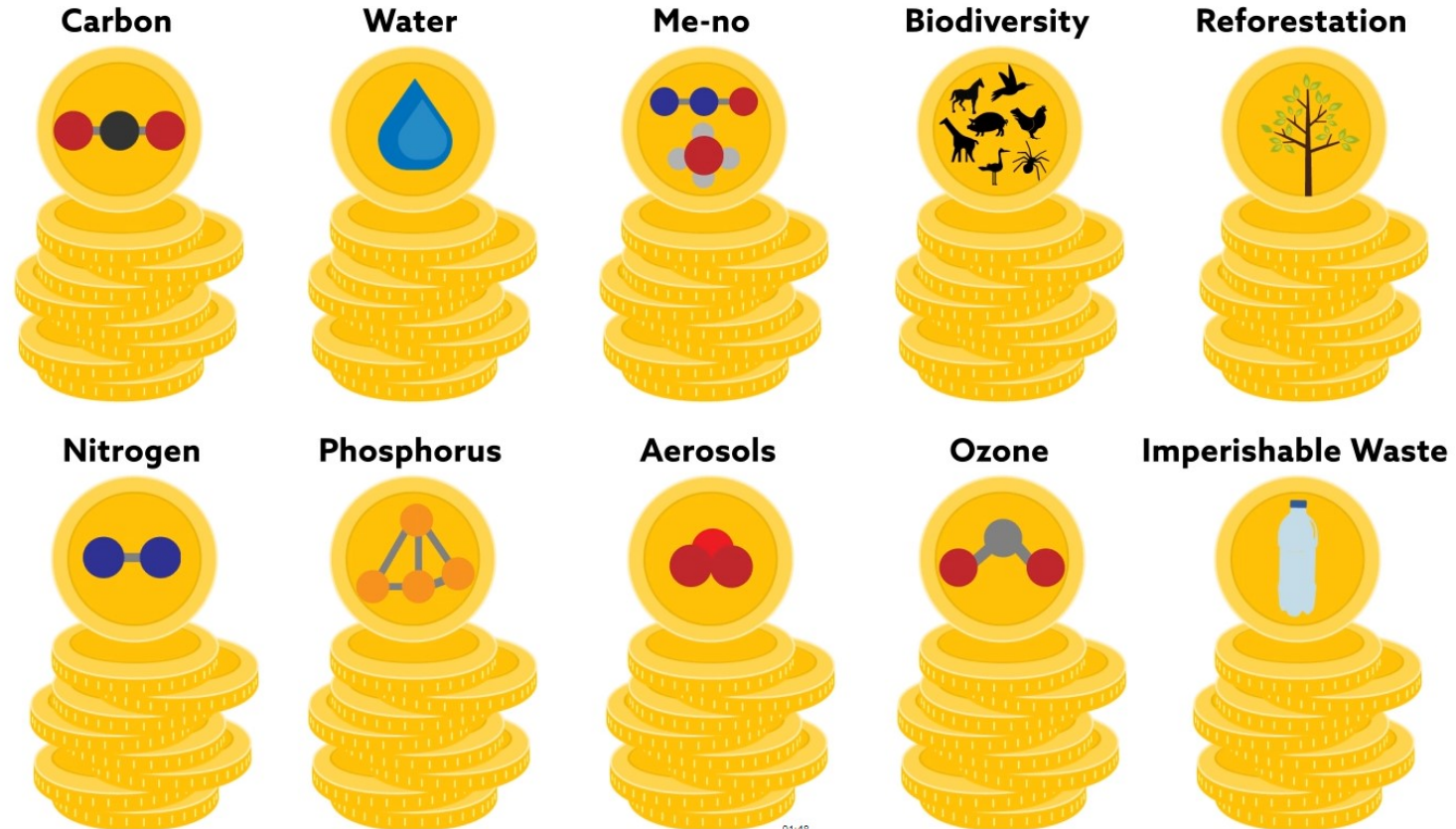
Who We Are

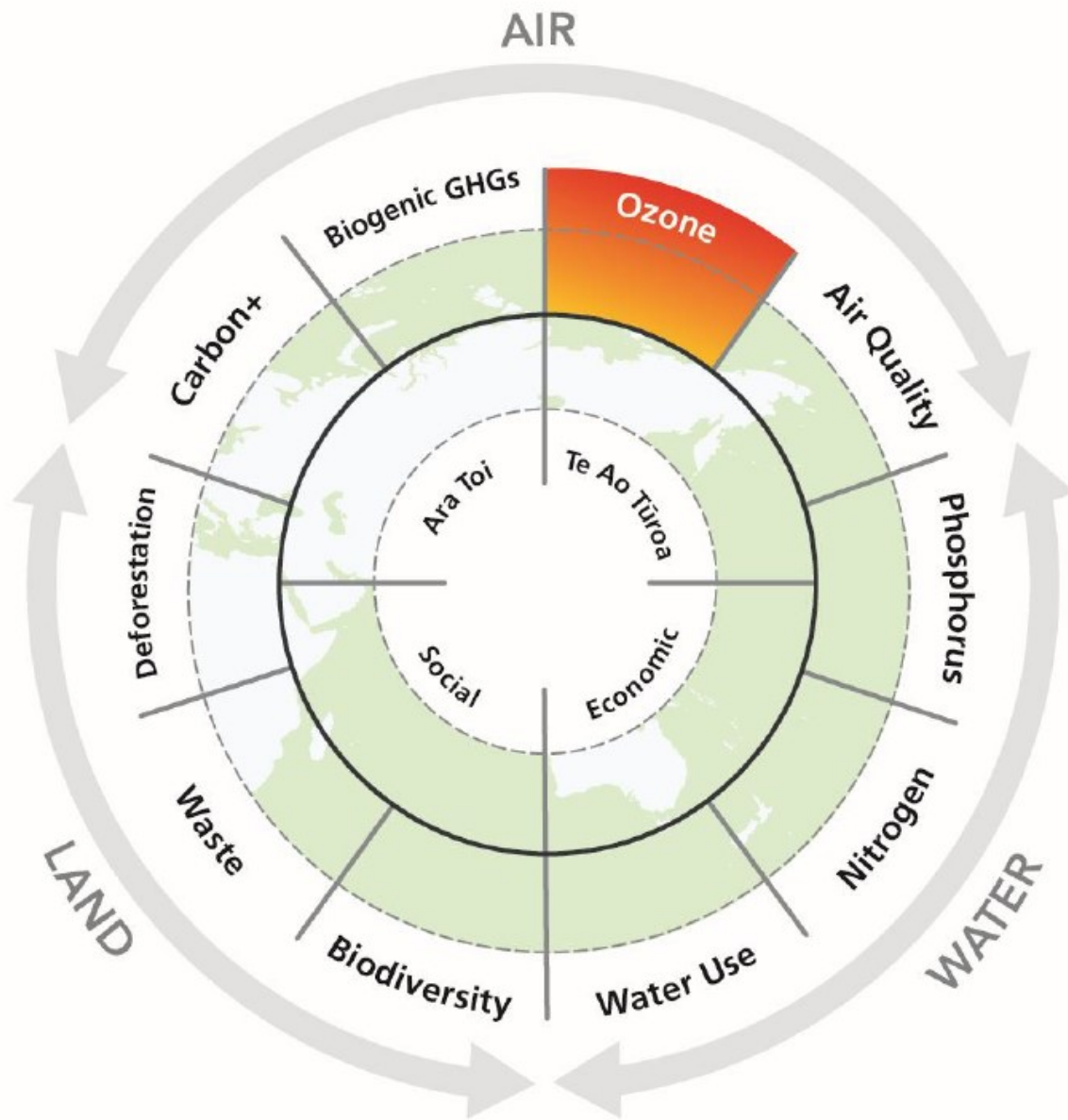
What We Do

Planetary budgets and quotas

<https://www.planetaryaccounting.org/planetaryaccounting>

Planetary quotas





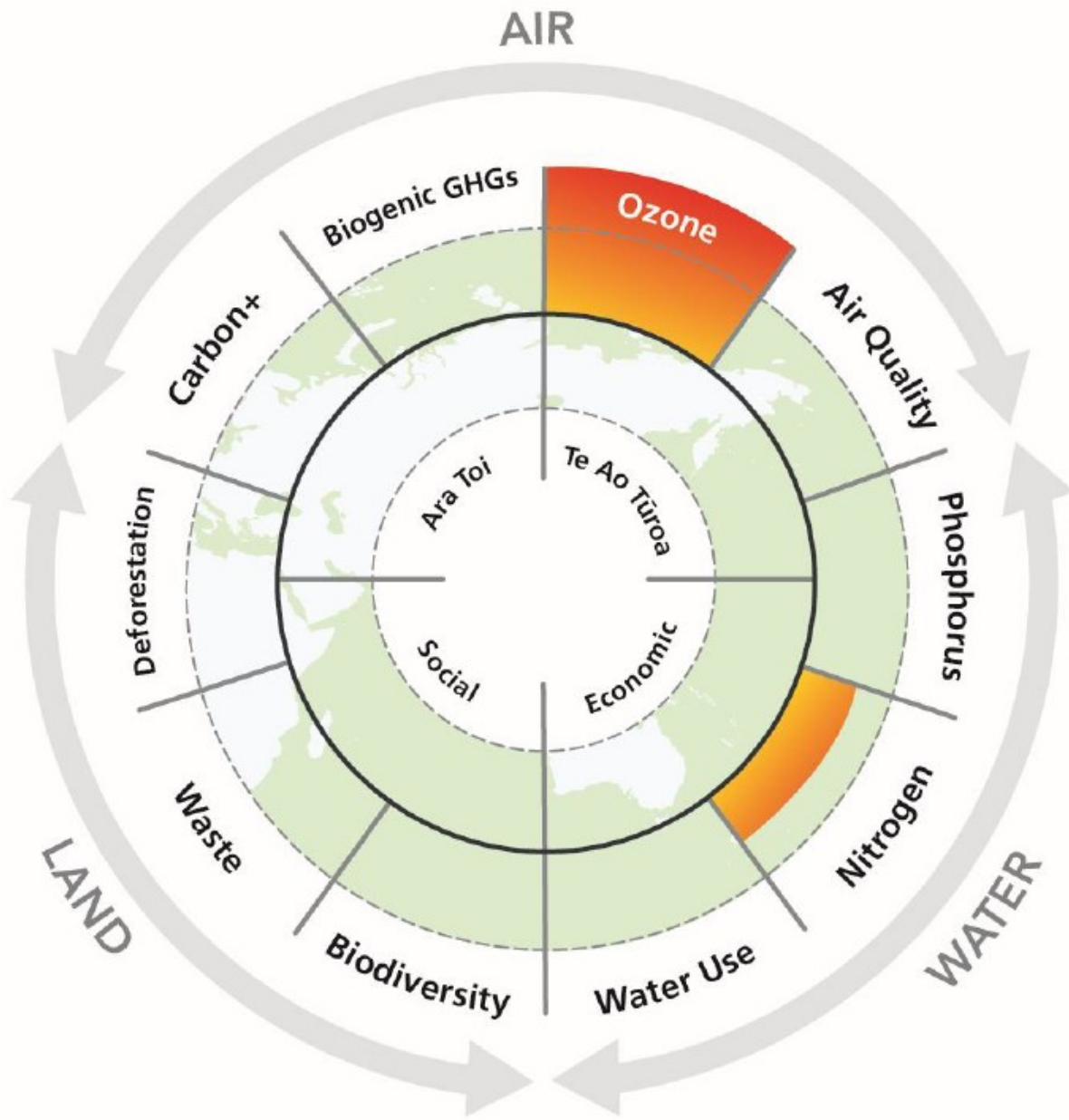
EXAMPLE

Reading the Doughnut – Over the Limit

The dotted line around the outer edge of the Doughnut indicates environmental limits for Dunedin based on what is globally and locally necessary for a healthy environment.

Where environmental impacts exceed the limits, this is shown in RED; i.e., in this example, Dunedin activities are exceeding the limit for Ozone depletion.

*Results shown do not relate to Dunedin's performance

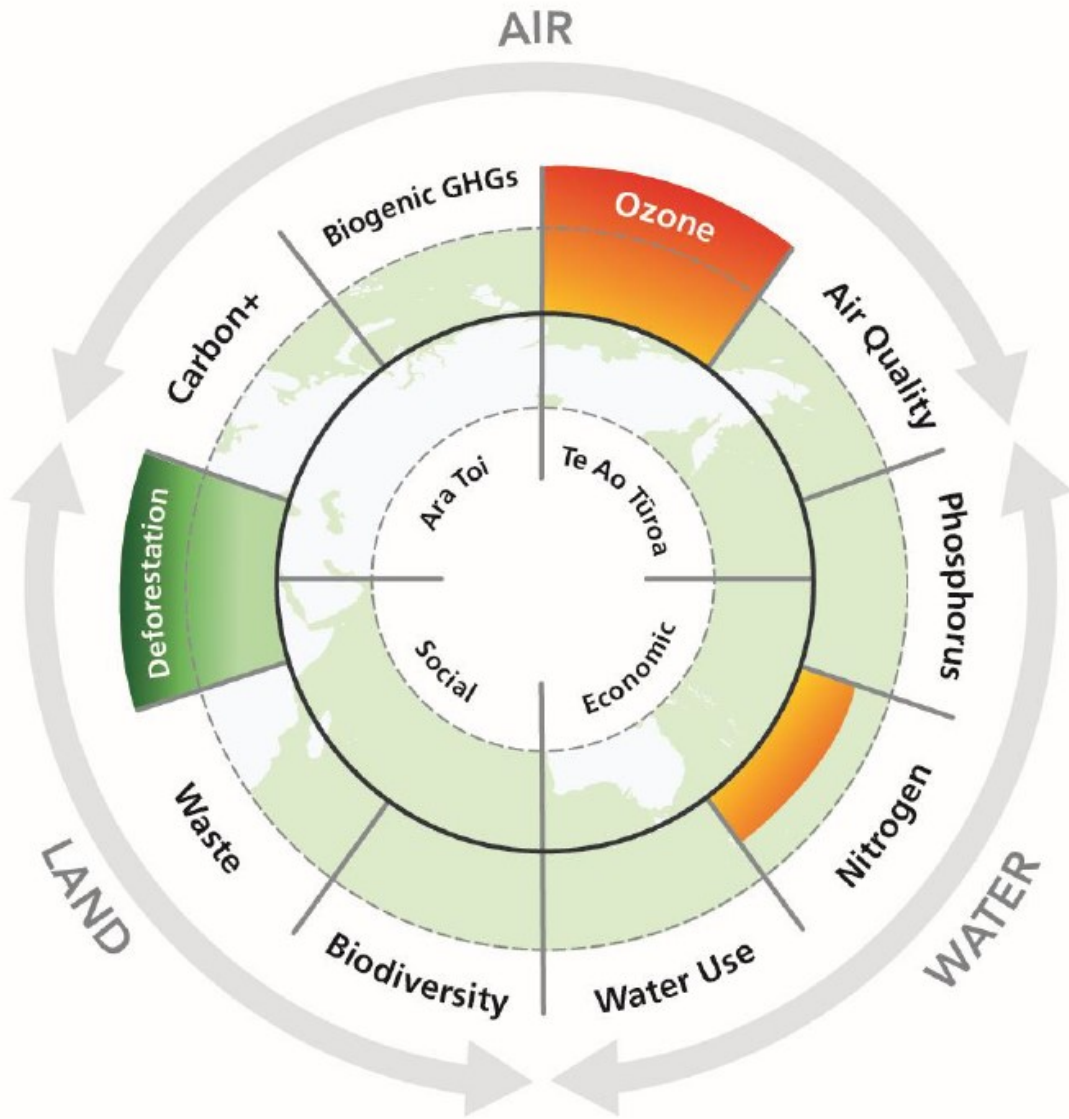


EXAMPLE

Reading the Doughnut – Within the Limit

Where environmental impacts are within the limits, this is shown in ORANGE; i.e., in this example, Dunedin activities are exceeding the limit for nitrogen run-off into water ways.

*Results shown do not relate to Dunedin's performance



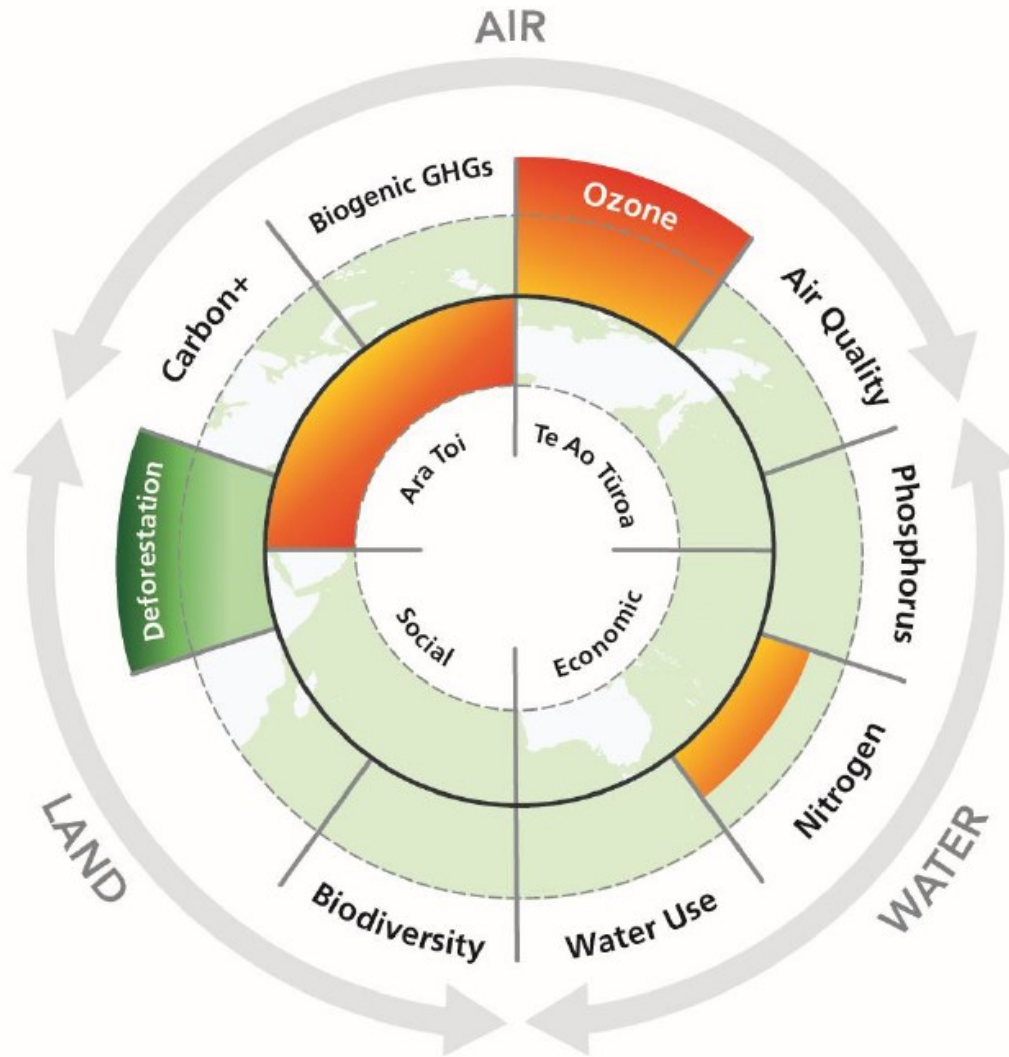
EXAMPLE

Reading the Doughnut – Regeneration

Where environmental impacts are POSITIVE (i.e., they are regenerating the environment) this is shown in GREEN; i.e., in this example, Dunedin activities are contributing to reforestation rather than deforestation.

*Results shown do not relate to Dunedin's performance

EXAMPLE



Reading the Doughnut – Social

The dotted line at the centre of the Doughnut indicates social impact limits for Dunedin based on what is necessary for a thriving society.

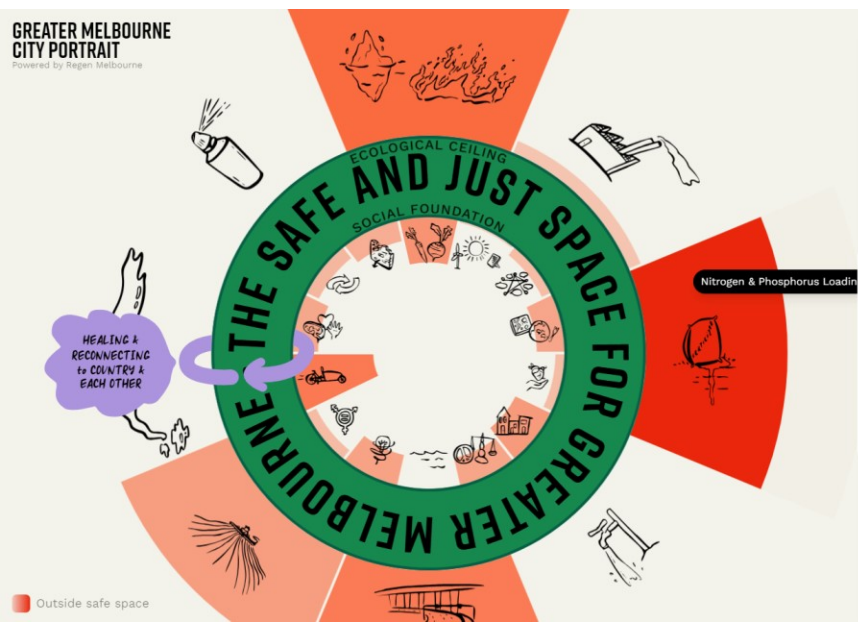
This should be read in the same way as the environmental side; i.e., in this example, Dunedin activities are at the limit for Ara Toi. Once the specific dimensions of each of the four well-beings are finalised, further granularity will be visible within each of the four categories.

*Results shown do not relate to Dunedin's performance

What other cities are doing: Melbourne

Interactive website with measures

<https://doughnut.regen.melbourne/>



NITROGEN & PHOSPHORUS LOADING

OVERSHOOT

Algae blooms caused by nitrogen and phosphorus runoff can be toxic, and they kill off aquatic life by starving the water of oxygen.

ECOLOGICAL LIMIT

- **Nitrogen Release** **OVERSHOOT**
Over-use of nitrogen is cutting off oxygen to critical ecosystems

WHAT WE'RE MEASURING	GREATER MELBOURNE QUOTAS	NOW
Amount of nitrogen released to waterways	Under 35.25m kg nitrogen per year	45.44m kg nitrogen per year

- + **Phosphorus Release** **OVERSHOOT**
Extraction and over-use of phosphorus is causing harm to ecosystems

STORIES

- Taking the Plunge
- Technology For Transformation
- Moving Feasts

[More detail →](#)



HOUSING

SHORTFALL

Housing is a human right, and secure, safe and comfortable homes are fundamental to our health and wellbeing.

WHAT WE WANT

- **Security** **SHORTFALL**
Everyone in Melbourne has access to affordable and safe housing with secure tenure

WHAT WE'RE MEASURING	2030 TARGET	NOW
Proportion of people who are homeless or living in severely overcrowded or insufficient accommodation	0%	0.5%
Proportion of households that are both low-income (lowest 40% of income) and facing rental or mortgage stress	Under 2%	12.5%

STORIES

- A Wave of Regenerative Streets
- Moving Feasts
- A City Made for Moving

[More detail →](#)

Sydney

<https://www.regen.sydney/>

Informative website with option to download reports

Sketching a Sydney Doughnut

This report presents the first sketch of a Sydney Doughnut - a compass for regeneration in Greater Sydney.

We detail the findings from a series of community workshops and stakeholder roundtables held in late 2022, which form the foundation for this Sydney Doughnut sketch. Finally, this publication outlines opportunity areas for transformative action and presents Regen Sydney's strategy and upcoming streams of engagement.

Download Report

Executive Summary



Sydney Doughnut

OUR MISSION

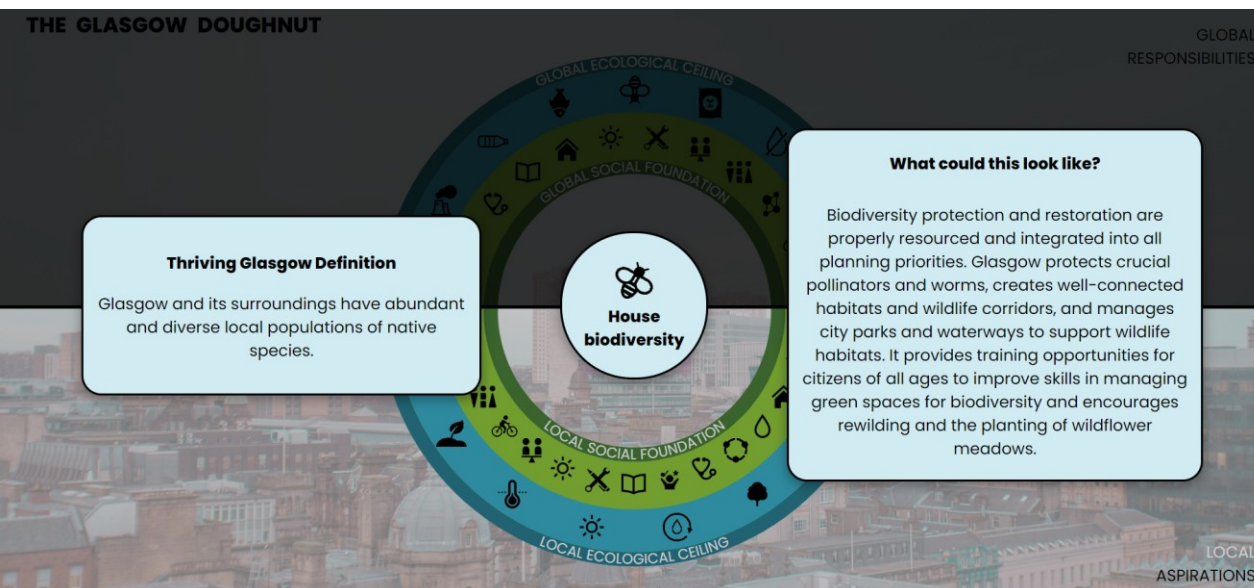
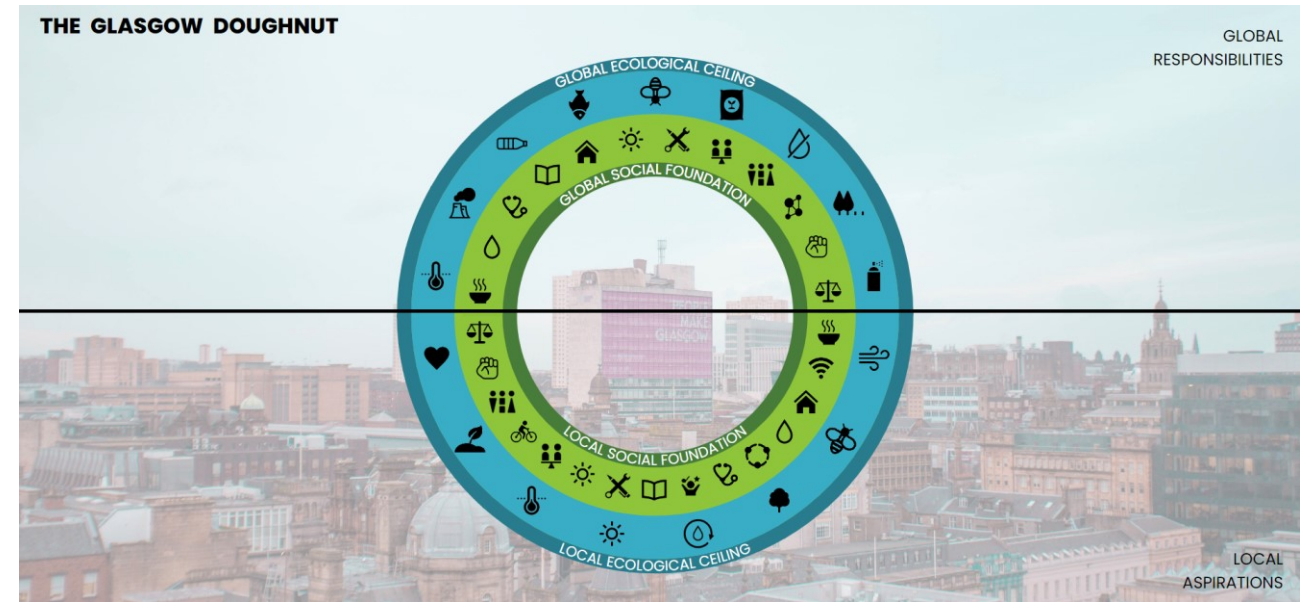
	NEIGHBOURHOOD ACTIVATIONS	CITY-SCALE PILOTS	LIVING LAB
POTENTIAL	Thriving neighbourhoods with active citizens and localised economies working together to generate community wealth and restore ecological health.	Connected, well-funded clusters of ambitious, cross-sector pilot initiatives that tangibly shift the city's perception of what's possible.	Integrated, comprehensive, place-centred initiatives that can be used to assess progress to guide policy-making in real-time city planning.
SYSTEM LEVEL	RESILIENT, RESILIENT	LANDSCAPE, RESILIENT, RESILIENT	LANDSCAPE, RESILIENT
ACTIVITIES	<p>Research to learn from best practice to challenge the activation of community wealth and ecological health within metropolitan areas.</p> <p>Activate a neighbourhood across Sydney to align the Sydney Doughnut to their neighbourhood, drawing from NCC's methodology and guidance, and supported by Regen Sydney.</p> <p>Develop and trial place-based funding frameworks to foster community leadership in economic facilitation.</p> <p>Foster the development of creative and participatory community forums. Nurture capacity for residents, business and council to collaborate on shared vision and action.</p> <p>Develop a playbook for localisation to inspire and support other areas of Greater Sydney - and beyond - to trial their own.</p> <p>Share findings, build the capacity of neighbourhoods to trial and share their stories of regeneration, in order to provide a proof-of-concept.</p>	<p>Collectively define and prioritise challenge areas with the greatest potential to shift the city's perception.</p> <p>Define an initial 'demonstrator' initiative that makes the promise of a Sydney Doughnut tangible through pilot-scale action, e.g. local, cross-sector, housing, transport.</p> <p>Foster the collaborative energy of Sydney. Nurture local alliances to build capacity and enhance the collaborative capacity and appearance of the city's regeneration.</p> <p>Develop and trial collaborative funding frameworks to foster participation of residents with shared investment (e.g. housing). Work together to create traction and raise ambition for other initiatives.</p> <p>Share findings, build the capacity of the city to roll-out and share stories of regeneration to shift the narrative of what's possible for Sydney.</p>	<p>Form a Living Lab research space to conduct data-oriented collaborative research.</p> <p>Foster the development of future initiatives to measure progress in the city-wide - helping to form a 'Doughnut Dashboard'. Test and iterate through Neighbourhood Activation and City Scale Pilots.</p> <p>Develop a Shared City Protocol for Greater Sydney. Use future initiatives to create a map of Sydney's progress and identify areas of action.</p> <p>Create an alliance of organisations who are engaged in collaborating through the Regen Sydney network.</p> <p>Share findings, build the capacity of the researchers to roll-out and share stories of regeneration to guide future policy-making responses.</p>
OUTCOMES	<ul style="list-style-type: none">More resilient and sustainable communities across Greater SydneyLocal culture of active citizenshipLocalised Doughnut generated in placeReusable playbook for localisation	<ul style="list-style-type: none">Novel cross-sector alliances and partnerships working together to improve community wellbeing, resilience and ecological healthTangible demonstration of activities that bring us the ideas, inspiration and distributed economic health & feel likeEstablishment of place-based funding frameworksTangible progress across Greater Sydney	<ul style="list-style-type: none">Future initiatives to inform a 'Doughnut Dashboard'Data-oriented City Protocol reflecting Sydney's current statusActive network of organisationsGuidance and advocacy for policy-making
TIMELINE	6-12 MONTHS	6-24 MONTHS	6-24 MONTHS
ACTORS	<ul style="list-style-type: none">Community leaders & organisationsLocal businessLocal government	<ul style="list-style-type: none">Corporates, NCCs, start-ups & social enterprisesLocal and state governmentsMultiple sector experts	<ul style="list-style-type: none">Ecological economics researchersPolicy makers and subject matter expertsNeighbourhood Activation and City Scale Pilot participants
EXAMPLES	Clark Square, Bronte Beach Neighbourhood Doughnut, Village Zero	Regen Melbourne, Sustainable Reopening, Participatory Melbourne	City of Amsterdam, City Protocol, Regen Melbourne, Measuring What Matters

Our Mission

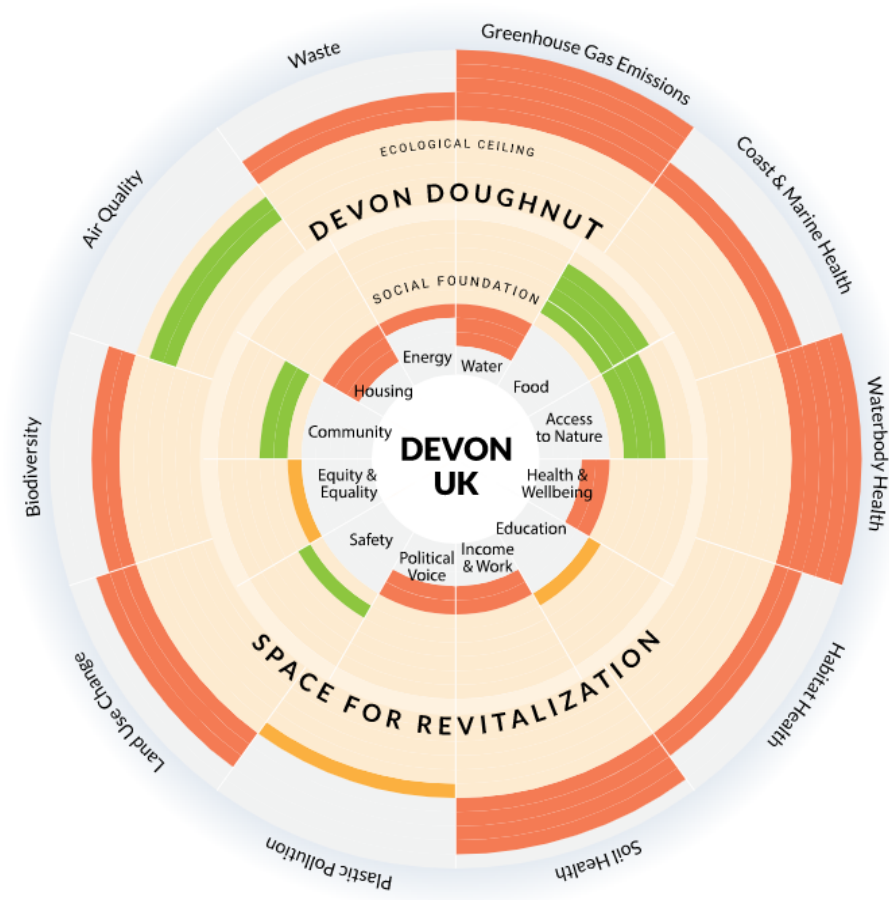
Glasgow

<https://www.glasgow-doughnut.co.uk/>

Interactive website with definitions and aspirations



Devon



Domain: Access To Nature

What's a domain?

Ecological Ceiling Social Foundation

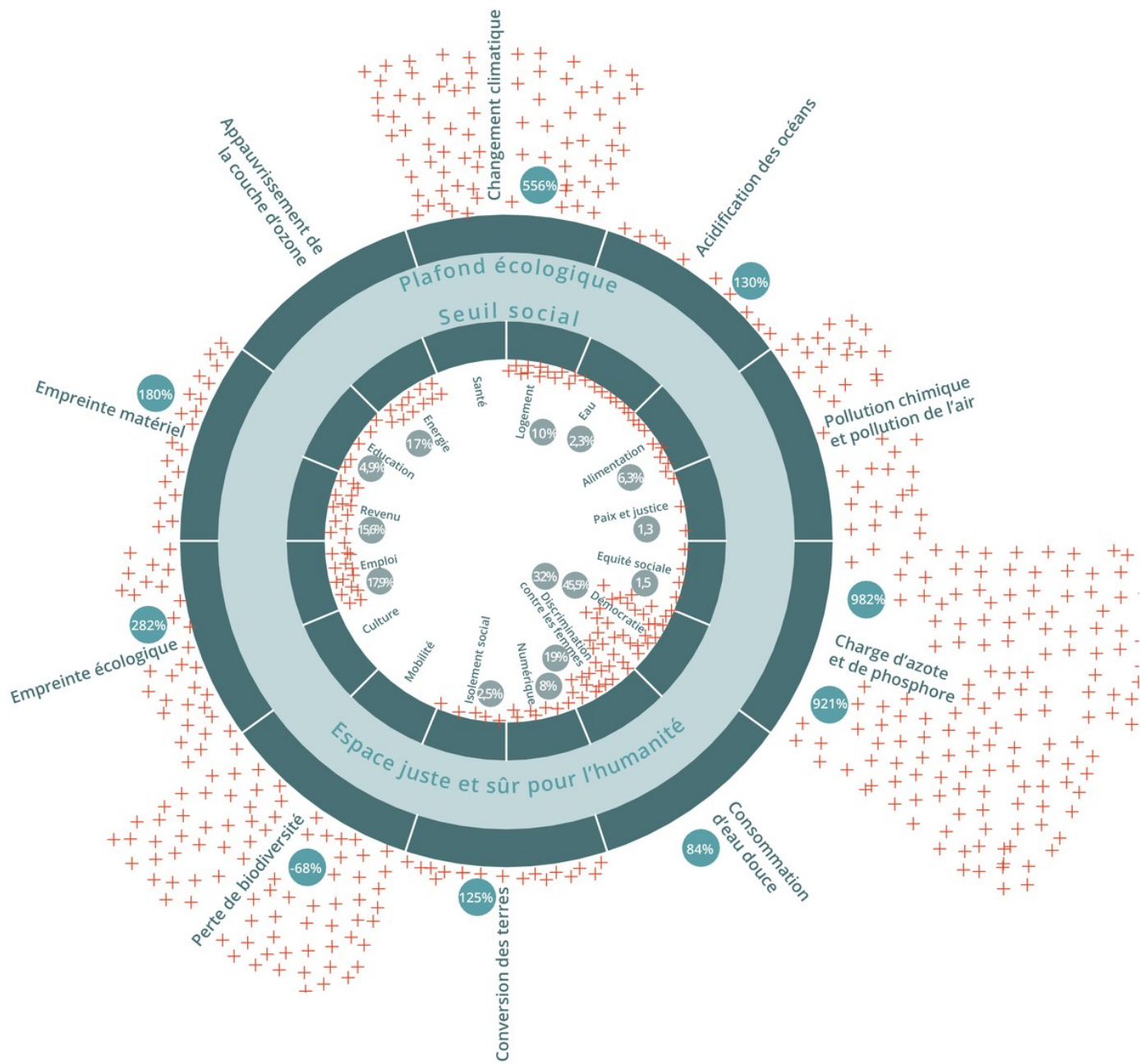
Twin Track Measures:

What are twin track measures?

Citizen
Amount of guided interaction in nature offered by schools in order to improve student mental health

Policy Maker
Proportion of young people of school age prescribed by the NHS with time in nature at no/low cost

- Overall Indicator
- Twin Track Measures
- Pathways for Action
- Show All



SUMMARY OF CONSIDERATIONS

Fit with purpose of Local Government

The Strategic Refresh enables democratic local decision making and action by, and on behalf of communities.

Fit with strategic framework

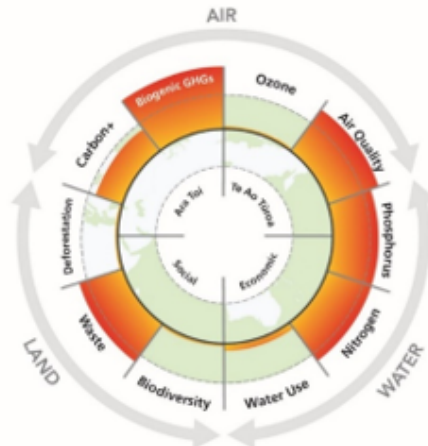
	Contributes	Detracts	Not applicable
Social Wellbeing Strategy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Economic Development Strategy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environment Strategy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arts and Culture Strategy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 Waters Strategy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Spatial Plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Integrated Transport Strategy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Parks and Recreation Strategy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other strategic projects/policies/plans	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Māori Impact Statement

Mana whenua and mataawaka are partners in the development of the MSF and in the Strategic Refresh work programme.

Sustainability

The development and adoption of the City Portrait will promote social, economic, environmental, and cultural well-being of communities in the present and for the future.



EXAMPLE

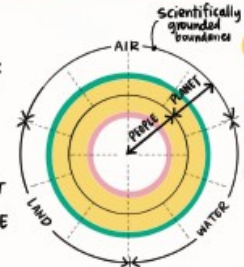


MAKING A HOLISTIC VIEW OF ŌTEPOTI DUNEDIN for the 21st Century...

(Or, how to bake a Dunedin doughnut)

1. UNDERSTAND THE DOUGHNUT MODEL:
A global economic model for the 21st Century.

It is a holistic view with two concentric rings tracking key measures for both. PLANET and PEOPLE



- = SAFE & JUST SPACE FOR HUMANITY: when measures are within this zone, all people are having their need for a good life met within the means of our planet
- = ECOLOGICAL CEILING: Above this line we exceed the 10 planetary boundaries risking permanent damage to earth's life support systems.
- = SOCIAL FOUNDATION: Below this line we are not meeting the needs of people - housing, health, cultural, work etc.

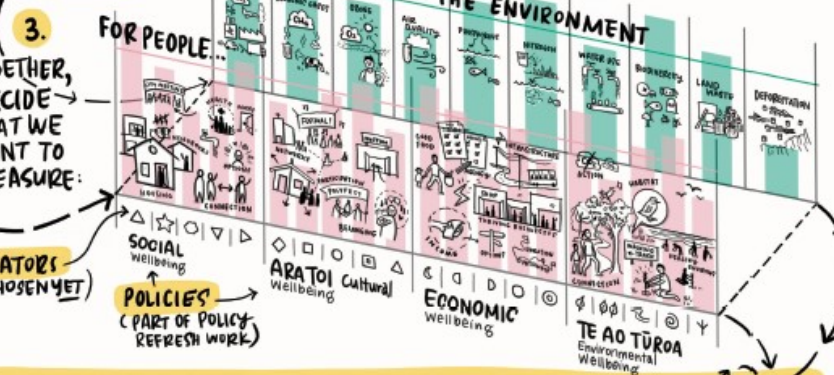
2. ADAPT 'DOUGHNUT THINKING' TO A REGIONAL LEVEL WITH A CITY PORTRAIT...

METHOD USES FOUR LENSES TO FIND WHAT MATTERS...



'UNROLL THE DOUGHNUT' SNIP!

A PORTRAIT IS A LIVING TOOL THAT HELPS CONNECT POLICY MAKERS, COMMUNITIES AND PEOPLE - IT HELPS SHOW EVERYONE WHAT SUPPORTS GOOD LIVING!



3. TOGETHER, DECIDE WHAT WE WANT TO MEASURE:

INDICATORS (NOT CHOSEN YET)

POLICIES (PART OF POLICY REFRESH WORK)

4. USE DUNEDIN'S DOUGHNUT TO INFORM OUR DECISIONS



ONCE INDICATORS ARE CHOSEN, DOUGHNUTS CAN BE USED FOR SPECIFIC PROJECTS TO SHOW THEIR IMPACTS...

THEY HELP US UNDERSTAND HOW WE CONNECT TOGETHER...

ARE A CONSISTENT, INTERCONNECTED FRAMEWORK ACROSS DECISION MAKING.

Current situation

