

One Planet Living with BEESPOT Neighbourhoods

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BEESPOT NEIGHBOURHOODS
sustainable places of tomorrow

TM



ONE
PLANET
LIVING



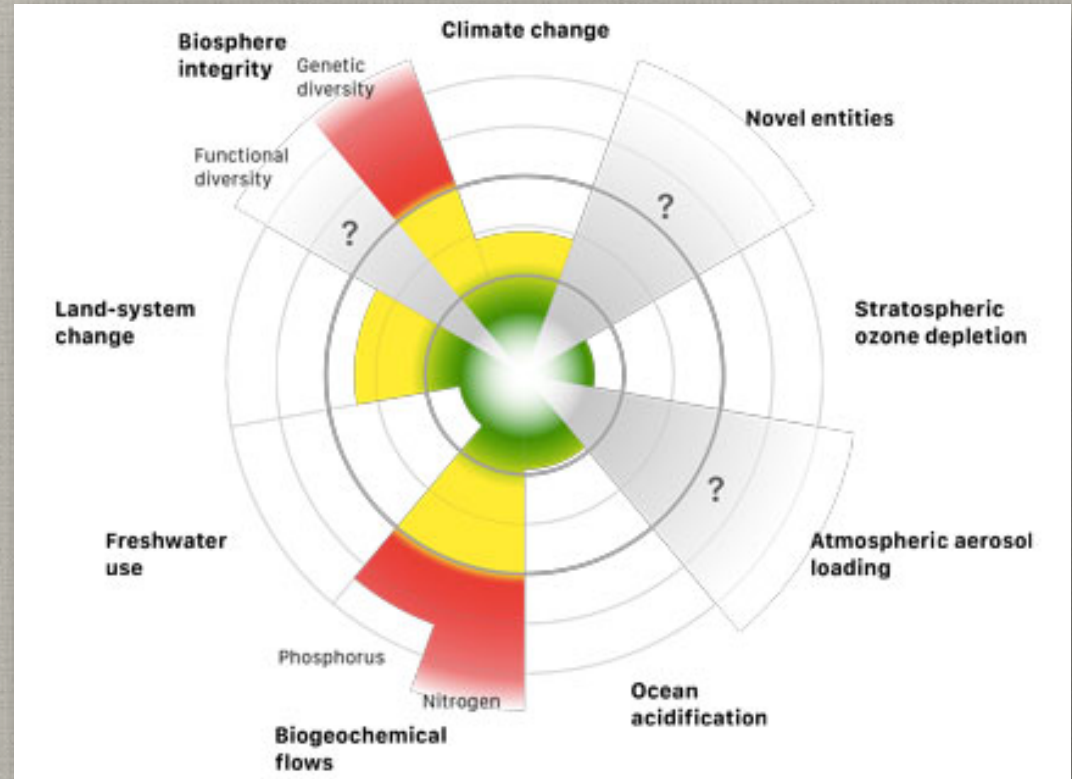
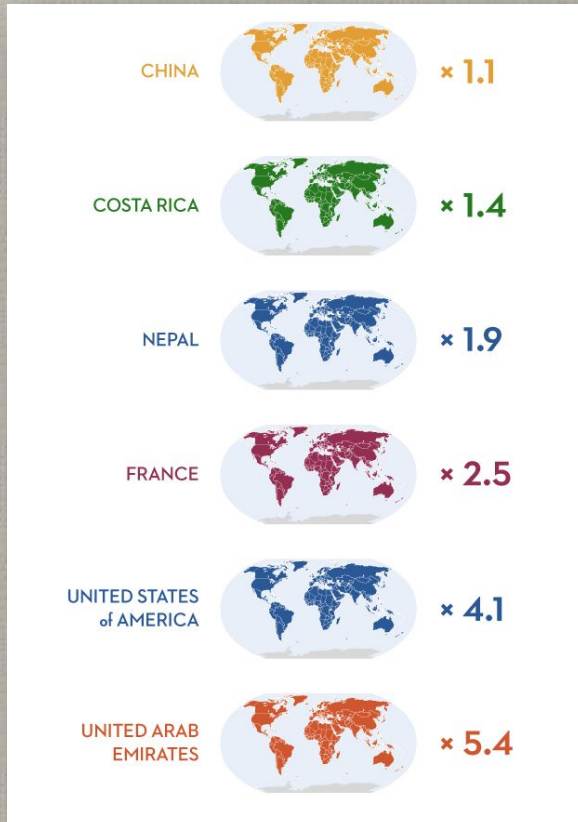
A
framework
by Bioregional



One Planet Living

A vision of the world where everyone,
everywhere enjoys happy, healthy lives
within the limits of the planet.

One Planet Living



<https://www.bbc.com/news/magazine-33133712>

<https://www.stockholmresilience.org/research/planetary-boundaries/planetary-boundaries/about-the-research/the-nine-planetary-boundaries.html>








https://www.oneplanetsaanich.org/uploads/1/1/9/3/119346756/saanich_ecocity_summary_report_rev_june_2018.pdf



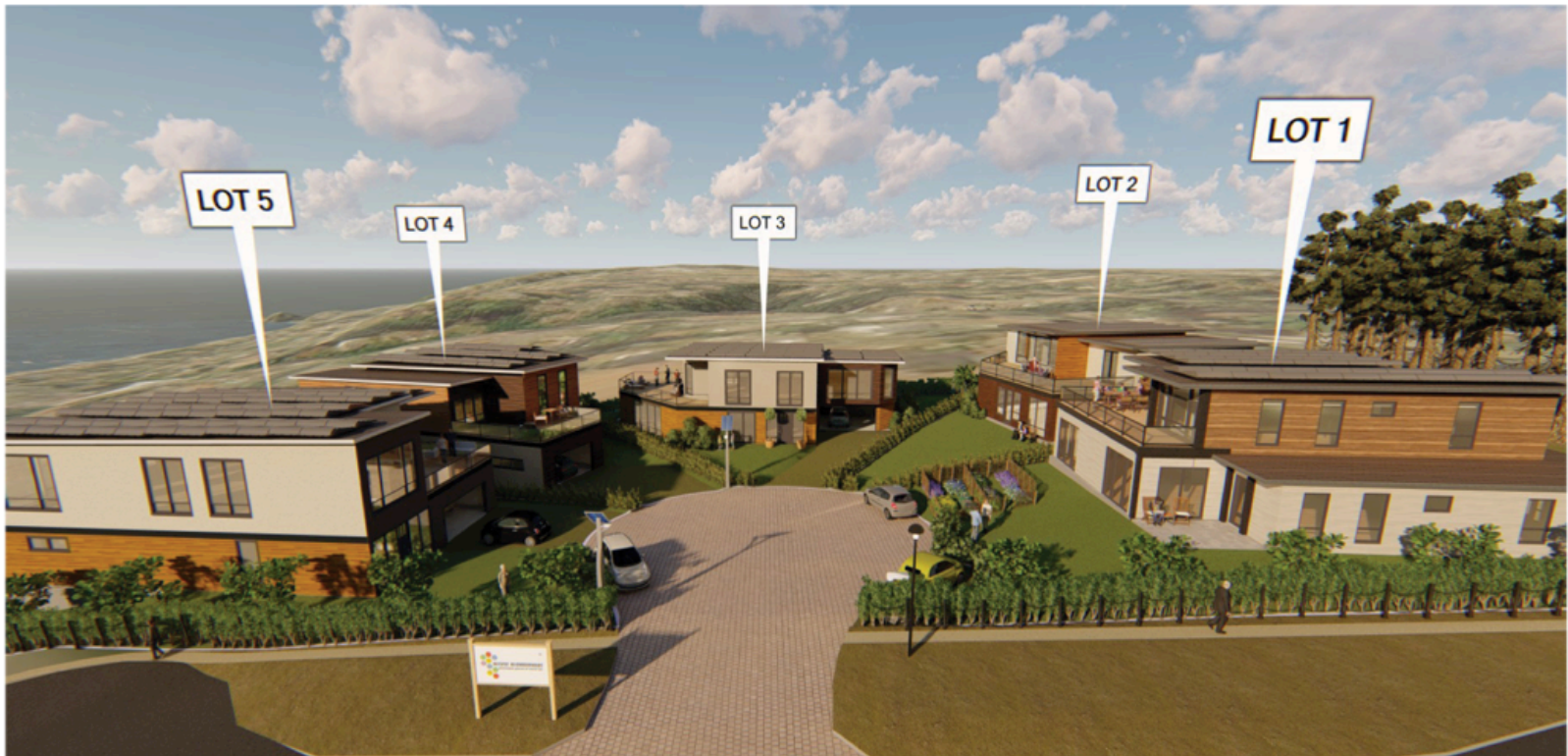
ONE
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LIVING



A
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by Bioregional

	Health and happiness	Encouraging active, social, meaningful lives to promote good health and wellbeing
	Equity and local economy	Creating safe, equitable places to live and work which support local prosperity and international fair trade
	Culture and community	Nurturing local identity and heritage, empowering communities and promoting a culture of sustainable living
	Land and nature	Protecting and restoring land for the benefit of people and wildlife
	Sustainable water	Using water efficiently, protecting local water resources and reducing flooding and drought
	Local and sustainable food	Promoting sustainable humane farming and healthy diets high in local, seasonal organic food and vegetable protein
	Travel and transport	Reducing the need to travel, encouraging walking, cycling and low carbon transport
	Materials and products	Using materials from sustainable sources and promoting products which help people reduce consumption.
	Zero waste	Reducing consumption, re-using and recycling to achieve zero waste and zero pollution
	Zero carbon energy	Making buildings and manufacturing energy efficient and supplying all energy with renewables

Building Environmental & Economical Sustainable Places of Tomorrow



5197 Del Monte Ave
"BEESPOT 1.0" - Cordova Bay



Equity & Local Economy

“Creating safe, equitable places to live and work which support local prosperity and international fair trade.”



Addressing the Housing Crisis

- ✓ Smaller lot sizes
- ✓ Increased density
- ✓ Energy efficient
- ✓ Renewable energy
- ✓ Cooperative strata model
- ✓ Supporting the local economy



Health & Happiness

“Encouraging active, social, meaningful lives to promote good health and wellbeing.”



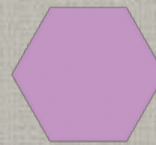
The BEESPOTTER Lifestyle



Passive House



Organic-Food Production



Sustainable Lifestyle



Renewable Energy



Conserve Water

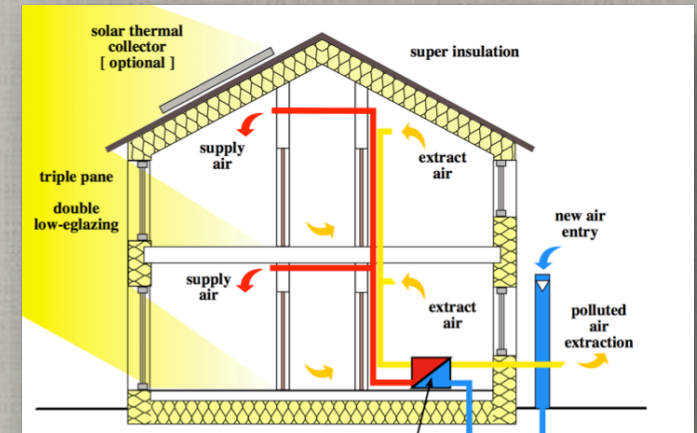
- ✓ Community gardens
- ✓ Active transportation
- ✓ Zero carbon emissions
- ✓ Home office
- ✓ Multi-generational living
- ✓ Housing affordability
- ✓ Sustainable livelihoods



Zero Carbon Energy

“Making buildings energy efficient and supplying all energy with renewables”

- ✓ **Certified Passive House design**
- ✓ **Step Code 5**
- ✓ **Net Zero Ready**
- ✓ **NO Fossil fuel burning**
- ✓ **100% renewable energy through Solar PV**





Land & Nature

“Protecting and restoring land and marine systems for the benefit of people and wildlife.”



- ✓ Edible landscaping
- ✓ Native pollinators
- ✓ Maintain tree canopy
- ✓ Increase fruit trees



Local & Sustainable Food

“Promoting sustainable humane farming and healthy diets high in local, seasonal organic food and vegetable protein.”



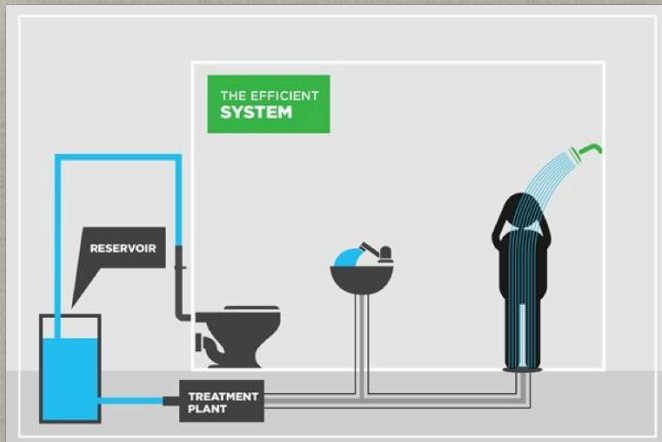
- ✓ Community gardens
- ✓ Edible landscaping
- ✓ Fruit trees and berry bushes
- ✓ Moss St Market & local road stand





Sustainable Water

“Using water efficiently, protecting local water resources, reducing flooding and drought.”



- ✓ Rainwater catchment
- ✓ Permeable outdoor surfaces

Wish List:

- ✓ Grey water recycling
- ✓ Deep well-sourced fresh water





Travel & Transport

“Reducing the need to travel, encouraging walking, cycling and low-carbon transport”



- ✓ Prefab construction reduces transport
- ✓ Electric car share
- ✓ E-bikes & ride sharing
- ✓ Walkability
- ✓ Proximity to walking & biking trails





Materials & Products

“Using materials from sustainable sources and promoting products that help people reduce consumption.”



Goals

- ✓ **NO Red Listed materials**
- ✓ **Source locally & responsibly**
- ✓ **Pre-fab construction**
- ✓ **Rock wool & cellulose insulation**

<https://living-future.org/lbc/>



Zero Waste

“Reducing consumption, re-using and recycling to achieve zero waste and zero pollution.”



Goals

- ✓ Reduce waste through pre-fab construction
- ✓ Use re-purposed materials where possible
- ✓ Use recyclable materials where possible
- ✓ Strata mission to opt out of garbage collection



Culture & Community

“Nurturing local identity and heritage, empowering communities and promoting a culture of sustainable living.”



- ✓ **Multi-generational & Accessible**
- ✓ **Common property cul-de-sac**
- ✓ **Cooperative lifestyle**
- ✓ **Community Events**
- ✓ **Public art**
- ✓ **Sustainability**





***“To Build Net Zero Energy
Passive House neighbourhoods that
harness renewable energy and
conserve our resources, protecting
our future generations with a
sustainable lifestyle”***



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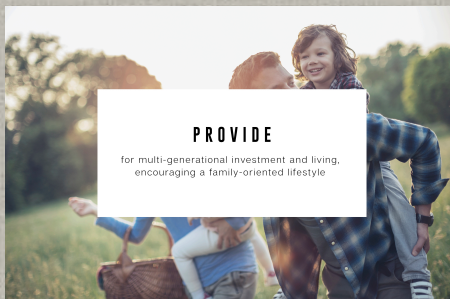
BEESPOT NEIGHBOURHOODS

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SHARE

electric vehicles to reduce the average number of cars per household, preserving neighbourhood air quality



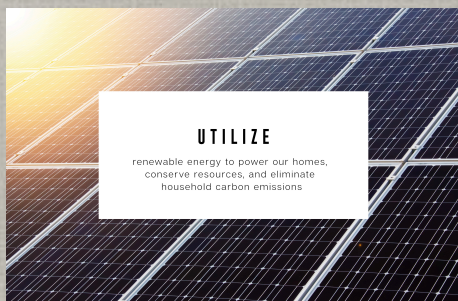
PROVIDE

for multi-generational investment and living, encouraging a family-oriented lifestyle



CULTIVATE

organic fruits and vegetables grown at home, feeding a healthy family



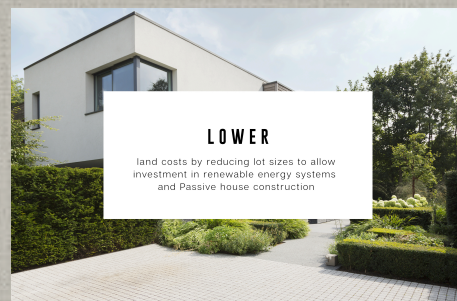
UTILIZE

renewable energy to power our homes, conserve resources, and eliminate household carbon emissions



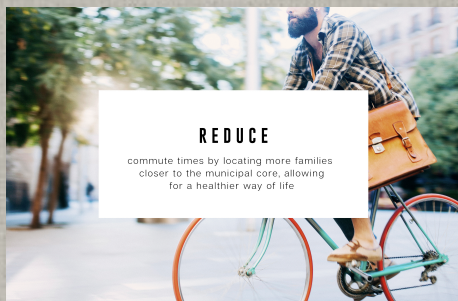
CONSERVE

Our precious water resource by recycling grey water and capturing rain



LOWER

land costs by reducing lot sizes to allow investment in renewable energy systems and Passive house construction



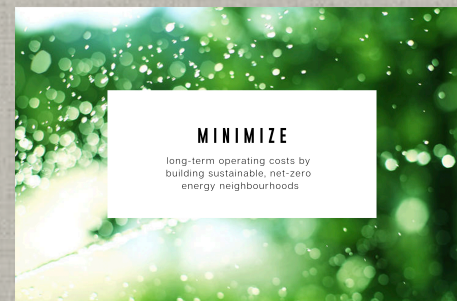
REDUCE

commute times by locating more families closer to the municipal core, allowing for a healthier way of life



BUILD

Passive homes that reduce power consumption by 70%, ultimately eliminating utility costs



MINIMIZE

long-term operating costs by building sustainable, net-zero energy neighbourhoods

In Closing

