

# **The Nanaimo Doughnut**

The doughnut is a circular image that shows social and planetary boundaries. The outer circle is labelled the ecological ceiling and consists of nine planetary boundaries beyond which lie unacceptable environmental degradation and potential tipping point in Earth systems. The nine planetary boundaries include: air quality; biodiversity; chemical pollution; climate change; land health; ocean health; soil and waterway health; waste; and water resources.

The inner circle is labelled Social Foundations and consist of four dimensions of minimum social standards. They include: connected (livability) subtext: mobility, culture, community; empowered (governance) subtext: peace, equity, diversity; enabled (economic health) subtext: talent, jobs, prosperity; and healthy (environment) subtext: housing, water, food.

Between the social and planetary boundaries lies and environmentally safe and socially just space in which humanity can thrive, which is illustrated by the Reimagine Nanaimo logo.

## **Page 1 – The outer circle**

### **ECOLOGICAL CEILING:**

#### **A GREEN NANAIMO: RESILIENT& REGENERATIVE ECOSYSTEMS**

##### **Air Quality:**

Air quality: so everyone has good quality air to breathe  
Monitored hourly at the provincial level.

##### **Biodiversity:**

Biodiversity: so our ecosystems are healthy and cared for

Draft Indicator:

Area of Lands Dedicated for Natural Area Protection (PRC1-Zoning)

Draft Target:

General: increase

Specific target TBD

Baseline (if known):

2,152 ha

## **Chemical Pollution:**

Chemical Pollution: so our lands and waters are healthy and cared for / managed sustainably

Draft Indicator:

Number of Water Samples at Monitored Sites Meeting BC Water Quality Guidelines

Draft Target:

Reduced number of samples that fail to meet guidelines

Baseline (if known):

TBD

## **Climate Change:**

Climate change: so the impacts of climate change are minimized for present and future generations

Draft Indicator:

Community greenhouse gas emissions (tCO<sub>2</sub>e)

Draft Target:

By 2030 reduce to 50%-58% below 2010

By 2050 reduce to 94%-107% below 2010

Baseline (if known):

465,000 tCO<sub>2</sub>e (2010)

## **Land use and land health:**

Land use and land health: so our lands and waters are healthy and cared for / managed sustainably

Draft Indicator:

Area of Lands Dedicated for Natural Area Protection (PRC1-Zoning)

Draft Target:

General: increase

Specific target TBD

Baseline (if known):

2,152 ha

## **Ocean health:**

Ocean health: so our lands and waters are healthy and cared for / managed sustainably

Draft Indicator:

Number of Water Samples at Monitored Sites Meeting BC Water Quality Guidelines

Draft Target:

Reduced number of samples that fail to meet guidelines

Baseline (if known):  
TBD

### **Soil and waterway health:**

Soil and waterway health: so our lands and waters are healthy and cared for / managed sustainably

Draft Indicator:  
Number of Water Samples at Monitored Sites Meeting BC Water Quality Guidelines

Baseline (if known):  
TBD

### **Waste:**

Waste: so we use our resources sustainably

Draft Indicator:  
Household Waste Sent to the Landfill

Draft Target:  
By 2030 150 kg /household /year  
By 2040 120 kg /household /year  
By 2050 100 kg /household /year

Baseline (if known):  
191 kg / household / year (2019)

### **Water Resources:**

Water Resources: so everyone has access to clean drinking water and we preserve this resource for future generations

Draft Indicator:  
Water Consumption by Residents

Draft Target:  
New target to be set as previous target was exceeded

Baseline (if known):  
206 litres / capita / day (2019)

## **SOCIAL FOUNDATIONS**

**Connected (livability)**  
**Mobility, culture, community**

### **A CONNECTED NANAIMO: EQUITABLE ACCESS & MOBILITY**

So everyone has safe, affordable, and sustainable options to move and to access their daily needs

Element:  
Transportation by Mode

Draft Indicator:  
Trips made by different modes of transportation

Draft Target:  
Modal split by 2041:  
12% walking  
4% cycling  
8% transit  
76% vehicle

Baseline (if known):  
2016 Modal split:  
6% walking  
2% cycling  
4% transit  
86% vehicle

Element:  
Distance Driven

Draft Indicator:  
Average distance driven per person per day

Draft Target:  
10 km per day / person by 2041

Baseline (if known):  
14 km per day / person (2011)

Element:  
Access to Daily Needs

Draft Indicator:  
Number of households within a 400 m walk to employment lands, essential services, schools, transit, recreation services, parks, and healthcare

Draft Target:  
TBD

Baseline (if known):  
Employment lands: TBD  
Essential Services: 8%  
Elementary Schools: 4%  
Transit: TBD  
Recreation Facilities: TBD  
Parks: 71%  
Healthcare: 5%

Element:  
Growth in Nodes & Corridors

Draft Indicator:  
Proportion of growth occurring in designated growth areas - urban nodes and corridors

Draft Target:  
TBD

Baseline (if known):  
TBD

Element:  
Traffic Injury Rate

Draft Indicator:  
Number of reported crashes throughout the City

Draft Target:  
Vision Zero

Baseline (if known):  
TBD

**Empowered (governance)**  
**Peace, equity, diversity**

**AN EMPOWERED NANAIMO:**  
**DIVERSITY, CULTURE, AND SOCIAL INTEGRITY**

So everyone can thrive and have opportunities to connect and participate in a way that fulfills them

Element:  
Inclusion & Diversity

Draft Indicator:  
TBD

Draft Target:  
TBD  
Baseline (if known):  
TBD

Element:  
Investment in Arts, Culture and Heritage

Draft Indicator:  
Dollars being invested into arts, culture, and heritage

Draft Target:  
General: increase  
Specific target TBD

Baseline (if known):  
TBD

Element:  
Participation in PRC Programs and Services

Draft Indicator:  
Number of people participating in PRC programs and services

Draft Target:  
General: increase  
Specific target TBD

Baseline (if known):  
TBD

Element:  
Public Waterfront Access

Draft Indicator:  
Length of waterfront with public access and number of publicly accessible waterfront features

Draft Target:  
Increase

Baseline (if known):  
TBD

**Enabled (economic health)**  
**Talent, jobs, prosperity**

**AN ENABLED NANAIMO: ECONOMIC PROSPERITY**

So everyone has opportunity to find good employment and businesses can thrive

Element:  
Working Age Population

Draft Indicator:  
Percent of population that are of an age likely to be in the workforce (15-64)

Draft Target:  
67% of total population

Baseline (if known):  
63% (2020)

Element:  
Non-Residential Building Permits

Draft Indicator:  
Value of commercial and public building permits issued

Draft Target:  
General: increase  
Specific target TBD

Baseline (if known):  
\$37.5 million (2020)

Element:  
Ample & Diverse Business Opportunities

Draft Indicator:  
Number of total businesses and businesses with employees

Draft Target:  
General: increase  
Specific target TBD

Baseline (if known):  
6,281 businesses with 1+ employees (2020)

## **Healthy (environment) housing, water, food**

### **A HEALTHY NANAIMO: COMMUNITY WELL-BEING & LIVABILITY**

So everyone has opportunity to have a healthy, safe, and affordable home

Element:

Chronic / Episodic Homelessness

Draft Indicator:

Point-in-time count of people experiencing homelessness

Draft Target:

Elimination of homelessness by 2025

Baseline (if known):

433 (2020)

Element:

Rental Housing Affordability

Draft Indicator:

Average rent of a 2-Bedroom Apartment

Draft Target:

TBD

Baseline (if known):

\$1,263 (2020)

Element:

Vacancy Rate

Draft Indicator:

Percent of vacancies in rental accommodation

Draft Target:

3%-5%

Baseline (if known):

1% (2020)

Element:

Mix of Housing Types

Draft Indicator:

Proportion of single-family, ground-oriented, and apartment housing types



Draft Target:  
TBD

Baseline (if known):  
60% single-family  
18% ground-oriented  
22% apartment  
(2020)