



AGENDA
ENVIRONMENT COMMITTEE

Wednesday, January 27, 2021, 5:00 P.M. - 7:00 P.M.

Board Room, Service and Resource Centre,
411 Dunsmuir Street, Nanaimo, BC

Pages

1. CALL THE MEETING TO ORDER:

[Note: This meeting will be live streamed and video recorded for the public.]

2. INTRODUCTION OF LATE ITEMS:

3. ADOPTION OF AGENDA:

4. ADOPTION OF MINUTES:

a. Minutes

1 - 7

Minutes of the Environment Committee Meeting held in the Boardroom, Service and Resource Centre, 411 Dunsmuir Street, Nanaimo, BC, on Wednesday, 2020-NOV-04 at 5:00 p.m.

5. PRESENTATIONS:

6. DELEGATIONS:

7. REPORTS:

a. Environment Committee Workplan

8 - 10

To be introduced by Rob Lawrance, Environmental Planner.

Purpose: To provide the Environment Committee with a workplan for consideration and recommendation to Council.

Recommendations: That the Environment Committee recommend that Council endorse the 2021 Environment Committee Workplan.

b. City Portrait Environmental Indicators

11 - 24

To be introduced by Rob Lawrance, Environmental Planner.

Purpose: To provide the Environment Committee with a list of environmental indicators for recommendation to be included in the REIMAGINE Nanaimo process.

Presentation:

1. Karin Kronstal, Social Planner.

Recommendation: That the Environment Committee review and provide input on the proposed list of environmental indicators for use in developing the City Portrait for Nanaimo, as part of the REIMAGINE Nanaimo process.

8. OTHER BUSINESS:

9. ADJOURNMENT:

MINUTES
ENVIRONMENT COMMITTEE MEETING
BOARD ROOM, SERVICE AND RESOURCE CENTRE
411 DUNSMUIR STREET, NANAIMO, BC
WEDNESDAY, 2020-NOV-04, AT 5:00 P.M.

Present: Councillor B. Geselbracht, Chair
Councillor T. Brown (joined electronically)
E. Boulanger, At Large Member (joined electronically)
D. Chen, At Large Member (joined electronically)
H. DesRoches, At Large Member (joined electronically)
L. Frey, At Large Member (joined electronically)
J. Lesemann, At Large Member (joined electronically)
W. Wells, At Large Member (joined electronically)

Absent: L. McCunn, At Large Member

Staff: B. Sims, General Manager, Engineering and Public Works
J. Holm, Director, Development Approvals
R. Lawrence, Environmental Planner
S. Snelgrove, Deputy Corporate Officer
J. Vanderhoef, Recording Secretary

1. CALL THE ENVIRONMENT COMMITTEE MEETING TO ORDER:

The Environment Committee Meeting was called to order at 5:01 p.m.

2. INTRODUCTION OF LATE ITEMS:

- (a) Reorder Agenda Item 7(a) Environmental Responsibility Framework to be considered prior to Reports.

It was moved and seconded that the agenda be reordered to consider Agenda Item 7(a) Environmental Responsibility Framework prior to considering Reports. The motion carried unanimously.

3. ADOPTION OF AGENDA:

It was moved and seconded that the Agenda, as amended, be adopted. The motion carried unanimously.

4. ADOPTION OF MINUTES:

It was moved and seconded that the Minutes of the Special Environment Committee Meeting held in the Boardroom, Service and Resource Centre, 411 Dunsmuir Street, Nanaimo, BC, on Wednesday, 2020-OCT-07 at 3:02 p.m. be adopted as circulated. The motion carried unanimously.

5. OTHER BUSINESS:

(a) Environmental Responsibility Framework

Councillor Geselbracht provided a PowerPoint presentation. Highlights included:

- Suggested questions to be considered when structuring environmental responsibility framework
- Opportunity to liaise with the community within the REIMAGINE NANAIMO process

Committee discussion took place. Highlights included:

- Importance of adopting a framework and having all participants buy-in
- Flexibility of the Doughnut Economy framework is important as it can be tailored to Nanaimo which provides value to this structure
- Will require discussion and collaboration across committees and City departments
- Downscaling the Doughnut and how a community can take responsibility for impacts beyond their boundaries
- Simon Fraser University is working on climate impact performance indicators for municipalities and cities
- Request that the consultant be provided the Doughnut framework to incorporate into the ongoing work
- Need for structure in the Strategic Plan and see environmental values reflected in guiding document

Councillor Brown provided the following motions for discussion and consideration:

“That Council, as part of its Strategic Plan review process, consider replacing key Focus Area 1 under the Environmental Responsibility Key Focus Area with: “We will take responsibility to build a city and community that operates within the planetary boundaries necessary to maintain core life-sustaining ecological functions.”

“That the City of Nanaimo adopt the Doughnut Economic Model as a cohesive vision for all city initiatives and planning processes, focused on social and environmental sustainability as defined by the model, and be supported by a localized, objective-based, and evidence-based framework through the REIMAGINE NANAIMO process.”

“That the Environment Committee Work Plan be amended and re-focused to address the environmental components of this social and environmental sustainability framework.”

Committee discussion took place. Highlights included:

- Including wording such as “climate change” and “bio-diversity” in the proposed motions
- Including performance indicators
- Wording is intended to be broad in order to cover various areas within the Doughnut Economy framework

- Choosing the best wording to make sense to everyone involved and avoiding emphasis on specific areas
- Engagement through the REIMAGINE NANAIMO process could help explain details and framework

It was moved and seconded that the Environment Committee recommend that Council, as part of its Strategic Plan review process, consider replacing key Focus Area 1 under the Environmental Responsibility Key Focus Area with: “We will take responsibility to build a city and community that operates within the planetary boundaries necessary to maintain core life-sustaining ecological functions”. The motion carried unanimously.

Councillor Brown spoke regarding a Zoom workshop that he and Councillor Geselbracht participated in with the consultants who are helping implement the Doughnut Economy in the City of Amsterdam. He noted the following suggestions:

- Needs to be a cross sector approach
- Not to be deterred by starting from scratch
- During the review of plans consider how goals might be achieved
- It can’t be done all at once and needs addressed systematically
- Take an agnostic approach to encourage people to bring their ideas to the Doughnut

Councillor Geselbracht noted that he and Councillor Brown would be making a presentation to Council on 2020-NOV-09 regarding the process of downscaling the Doughnut. He will provide the Legislative Services department with supplementary documents related to this presentation to share with committee members.

Committee discussion took place. Highlights included:

- Process of applying the Doughnut Economy to the City of Nanaimo and sharing resources through the REIMAGINE NANAIMO process
- Timing and opportunities available with the REIMAGINE NANAIMO process providing community engagement and creating links between City initiatives
- Multiple agencies have partnered to create the “Creating City Portraits” program which provides a ten-step process for mapping, engaging, and monitoring the implementation of the Doughnut in a region
- Developing framework on the go and creating the City of Nanaimo’s “City Portrait” during the REIMAGINE NANAIMO process
- Building this framework into the City’s processes and challenges of teaching people how to use it in their daily routines
- First step is understanding the framework and then identifying the measurements
- Identifying who will create framework and how it can be accelerated
 - Suggestion of a workshop setting with community partners, consultant and Council members
- Potentially framing some questions for the consultant to provide direction
- Timing of action as the REIMAGINE NANAIMO process has already started and potential for this vision to be adopted into the Official Community Plan (OCP) and potentially other guiding documents

- Addressing the ways that environmental sustainability impacts various initiatives such as: water supply, transportation and planning
- Framework could help the consultant identify gaps

It was moved and seconded that the Environment Committee recommend that the City of Nanaimo adopt the Doughnut Economic Model as a cohesive vision for all City initiatives and planning processes, focused on social and environmental sustainability as defined by the model, and be supported by a localized, objective-based, and evidence-based framework through the REIMAGINE NANAIMO process. The motion carried unanimously.

Committee discussion took place. Highlights included:

- Potential for recommendations to create work for the Environment Committee if adopted by Council
 - Work will need to be shared and will require buy in from all sectors
 - Council would need to provide direction to gain alignment between committees and City departments
 - Wording of proposed motion does not limit the work to the Environment Committee alone
- Second and third recommendations are related and Councillor Brown or Councillor Geselbracht will address this during the Council meeting to ensure both motions are adopted together or neither are adopted
- Other Task Forces have indicated a need for a larger guiding framework
- Doughnut Economy will be a topic of discussion during the 2020-NOV-09 Governance and Priority Committee Meeting
- If this plan is implemented into the City's OCP it will be a guiding plan for various issues such as: land use, social issues, and planning

It was moved and seconded that the Environment Committee recommend that Council amend the Environment Committee Work Plan and re-focus it to address the environmental components of this social and environmental sustainability framework. The motion carried unanimously.

Councillor Bonner noted that the motions passed by the Environment Committee complemented the motions being recommended by the Health and Housing Task Force. He noted that committees influence each other and suggested that committees should be working together within the Doughnut framework.

Committee discussion took place. Highlights included:

- Integrating the Doughnut framework in the planning process and importance of having a vision statement
- Vision statement should encapsulate what the Doughnut is trying to achieve and outlines how to address issues locally and how the local economy impacts areas outside of City borders
- Developing the vision statement and Doughnut framework through the REIMAGINE NANAIMO process
- Phase two and three of REIMAGINE NANAIMO provide opportunities for the public to provide input on the draft OCP and could provide feedback on integrating the Doughnut framework into the OCP

6. REPORTS:

(a) 2021 Environment Committee Key Date Calendar

Introduced by Sky Snelgrove, Deputy Corporate Officer.

- Meetings have been scheduled on Wednesdays from 5:00 p.m. – 7:00 p.m. every two months and will remain over Zoom
- Adjusting the schedule would be challenging due to limited resources

It was moved and seconded that the Environment Committee recommend Council approve their 2021 Key Date Calendar. The motion carried unanimously.

(b) REIMAGINE NANAIMO Environment Gap Analysis Review

Introduced by Rob Lawrance, Environmental Planner.

During the 2020-OCT-07 Environment Committee Meeting, members were provided three “Technical Backgrounders” for review. Staff and technical stakeholders will review these “Technical Backgrounders”. The purpose is to lay groundwork regarding what Nanaimo is doing and identify gaps by comparing Nanaimo to other same size communities. The Consultant has provided some suggested gaps and Staff are seeking input from the committee on which gaps should be prioritized and if gaps are missing from the list.

Committee discussion took place regarding each of the three “Technical Backgrounders” as follows:

Climate and Hazzard Adaptation Backgrounder:

- Suggested installing visual markers around the City indicating where the increasing water level will reach (by year)
- Development Permit Area for Coastal Zone/Hazard Areas
 - Riparian rights focus on protection of fish but not the people who live and use the surrounding land
 - Concerns regarding point-in-time reports from developers showing degradation of streams with no fish present, which allows developments to proceed, but does not allow for stream rehabilitation
 - Climate change has not been integrated into the setback requirements or flood plane areas
- A recommendation is planned for Council regarding reviewing setback and development permit process
- Outcomes are lacking from some of the backgrounders
- Food security and extending the growing season
- Developing a method to work from local data estimates rather than BC averages
- Actively planning for wind storms and mitigation in the future
- Back casting to review trends and make projections for the future
- Adaptation to share resources during a disaster situation

GHG (Greenhouse Gas) Mitigation Backgrounders:

- Banning natural gas province wide
- Development permits or performance zoning in relation to GHG building targets
- Increasing transit service and all transit infrastructure needs
- Using more aggressive language
- New buildings allowing access on rooftops and having white reflective surfaces or plants to absorb water
- Better monitoring of compost product being collected to improve organic waste diversion
- Environmental impact of both compressed natural gas (CNG) and renewable energy
- Implement planting targets in an urban forest planting program to capture more carbon monoxide
- Public Transportation needs to be a focus
- Increasing the interest in e-bike infrastructure as a priority
- Contracting a bike sharing system (specifically e-bikes)
- Circular economy policy aiming for more reusable products and less virgin material use

Green Infrastructure/Natural Areas Backgrounder:

- Soil quality and considering a soil program and types of planting
- “Soil Removal and Depositing Regulation Bylaw 1976 No. 1747” is dated and needs to be updated in order to track the movement of soil across the City and for erosion and sediment control
- Maintaining large green eco system
- Gamifying invasive plants and working with Snuneymuxw First Nation Elders to understand uses of local plants
- Adding the use of natural products for issues like bank stabilization in updates to the “Soil Removal and Depositing Regulation Bylaw 1976 No. 1747”
- Establishing storm water utilities to incentivize change
- Including natural assets inventory
- Use of environmental materials being encouraged by local government
- Promoting and incentivising environmentally sustainable business practices

(c) REIMAGINE NANAIMO Stakeholder Engagement Update

Introduced by Rob Lawrance, Environmental Planner.

Staff have been initiating outreach through REIMAGINE NANAIMO and listening to comments from the public about their environmental concerns. The consultant will be reviewing this information as well. Currently 491 organizations have been invited to participate. There have been 43 meetings held, mall pop-ups, pop-ups in the park, and Zoom meetings with various groups and organizations. Staff have attended multiple neighbourhood group meetings to hear their priorities and more meetings are planned for November.

Three questions were raised in the report “REIMAGINE NANAIMO Stakeholder Engagement Update”. Committee members were asked to review those questions and the lists of organizations that have been contacted to identify if any organizations were overlooked.

Councillor Geselbracht noted that the next scheduled meeting of the Environment Committee is 2020-DEC-09 and Staff and the Committee Chairs will discuss proceeding with this meeting closer to that date.

7. ADJOURNMENT:

It was moved and seconded at 7:13 p.m. that the meeting adjourn. The motion carried unanimously.

CHAIR

CERTIFIED CORRECT:

CORPORATE OFFICER

DATE OF MEETING January 27, 2021

AUTHORED BY ROB LAWRENCE, ENVIRONMENTAL PLANNER

SUBJECT 2021 ENVIRONMENT COMMITTEE WORKPLAN

OVERVIEW

Purpose of Report

To provide the Environment Committee with a workplan for consideration and recommendation to Council.

Recommendation

That the Environment Committee recommend that Council endorse the 2021 Environment Committee Workplan.

BACKGROUND

The City of Nanaimo Environment Committee mandate includes such items as; offering innovative ideas, providing advice and information, options and recommendations to Council on climate change, green technology, energy efficiency, urban forestry, and other topics associated with environmental sustainability for the City of Nanaimo.

The 2021 Environment Committee Workplan intends to set a timeline for committee involvement in projects scheduled for 2021 that align with and further the committee's mandate.

DISCUSSION

The 2021 Environment Committee Workplan outlined below presents the committee's consideration and recommendations to Council for endorsement.

2021 ENVIRONMENT COMMITTEE WORKPLAN			
Topic	Project Lead	Overview	Introduction And Review Time
REIMAGINE Nanaimo: <ul style="list-style-type: none"> Doughnut Economics Environmental Indicators Phase 2 Environmental Policy Options Climate Action Plan Review and Update 	Community Planning / Development Approvals	The Environment Committee will be providing Staff with input and comment on: <ul style="list-style-type: none"> Identifying Environmental Indicators to be used for developing the 'City Portrait' that will be used as a framework for REIMAGINE Nanaimo; 	January - October

2021 ENVIRONMENT COMMITTEE WORKPLAN			
		<ul style="list-style-type: none"> Review and provide comment on environmental policy revisions that will be developed in Phase 2 of REIMAGINE Nanaimo; Staff to provide an update on the implementation of the 2012 Community Sustainability Action Plan; and Review and provide comment on the Climate Action Plan update. 	
Solid Waste Education	Engineering and Public Works	<ul style="list-style-type: none"> Provide comment and input on the City's solid waste reduction and diversion education program. 	March
Step Code Acceleration Options Review	Development Approvals	<ul style="list-style-type: none"> Work with the local building community and local energy experts and report back with options to accelerate implementation of the Energy Step Code. 	May
Home Energy Retrofit Program	Development Approvals	<ul style="list-style-type: none"> Coordinate with the Regional District of Nanaimo to establish a regional Home Energy Building Retrofit Program. 	May - August
Comprehensive Soils Bylaw	Engineering and Environment	<ul style="list-style-type: none"> Receive updates and provide input as the City completes a review and update of its Erosion and Sediment Control Bylaws. 	May - December

The above workplan table provides a list of projects that fall within the mandate of the Environment Committee. City Staff seek Council approval for the committee to proceed to work on such projects and Council may add additional items to this workplan.

OPTIONS

1. That Council endorse the 2021 Environment Committee Workplan.
 - Advantages: The Environment Committee can proceed with implementation of the workplan.
 - Disadvantages: Some projects and programs may not be listed that are considered relevant to the committee mandate.
 - Financial Implications: There are items on the workplan, such as the Regional Home Retrofit Program that will have financial implications, if adopted. Other items are either ongoing projects that have already received council approval, Staff policy or regulatory updates that will be presented to Council for adoption at a future date.
2. That Council does not endorse the 2021 Environment Committee Workplan.
 - Advantages: None identified.
 - Disadvantages: Progress is on listed initiatives is delayed.
 - Financial Implications: None identified.

SUMMARY POINTS

- The Workplan intentions are to show Council how the Environment Committee will meet its mandate and offer input and advice on the environment.
- City Staff seek Council approval for the committee to proceed to work on such projects listed in the 2021 Environment Committee Workplan and over the course of the year, Council may add additional items to this workplan.

Submitted by:

Rob Lawrance
Environmental Planner

Concurrence by:

Jeremy Holm
Director, Development Approvals

Dale Lindsay
General manager, Development Services

DATE OF MEETING January 27, 2021

AUTHORED BY ROB LAWRENCE, ENVIRONMENTAL PLANNER

SUBJECT CITY PORTRAIT ENVIRONMENTAL INDICATORS

OVERVIEW

Purpose of Report

To provide the Environment Committee with a list of environmental indicators for recommendation to be included in the REIMAGINE Nanaimo process.

Recommendation

That the Environment Committee review and provide input on the proposed list of environmental indicators for use in developing the City Portrait for Nanaimo, as part of the REIMAGINE Nanaimo process.

BACKGROUND

During the Special Council meeting held on 2020-DEC-14, the following motion was passed:

It was moved and seconded that the City of Nanaimo adopt the Doughnut Economic Model as a cohesive vision for all City initiatives and planning processes; and that a city portrait for Nanaimo be created to scale down the doughnut economics framework, that the city portrait be blended with the REIMAGINE NANAIMO process and that the appropriate measurable targets and indicators relevant to the community be identified and included in the framework to track progress.

During the Regular Council Meeting of 2020-NOV-16, Council unanimously passed the following motion:

That Council amend the Environment Committee Work Plan and re-focus it to address the environmental components of this social and environmental sustainability framework.

This report provides background information on the Doughnut Economics Framework and a list of environmental indicators for the committee's review and input.

Defining Doughnut Economics

First published in 2012, Kate Raworth, a Senior Associate at Oxford University's Environmental Change Institute, developed the Doughnut Economic model, as a way to meet "Humanity's 21st century challenges while staying within the means of the planet".

On a global scale, the model aligns a set of social indicators, developed by the United Nations, which set minimum global living standards, including basic needs for food, housing, healthcare, and equity, for each person. These standards are to be met and exceeded, while not adding

pressure on the Earth's life-supporting systems, which include; a stable climate, fertile soil, and a protective ozone layer (Rockstrom et al¹).

The 'Doughnut' model is labeled as a 21st century approach to balance development between meeting key social needs and avoid pushing beyond our ecological limits. The social needs identified focus not only on economic growth, but also on thriving, resilience, and well-being within communities. (ATTACHMENT A – Doughnut Framework Model).

The 'Doughnut' framework model has been adjusted to apply on a local government scale, in cities, such as Philadelphia, Pennsylvania and Portland, Oregon, through the City Portrait framework. That said Staff are still trying to confirm which City has officially adopted this framework into their community plans.

The City Portrait community framework methodology looks at local-social and ecological indicators and contrasts it to the global-social and ecological impacts that result from the economic choices of the community.

A City Portrait consists of four lenses that each ask the following questions:

	SOCIAL LENS	ECOLOGICAL LENS
LOCAL	What would it mean for the people of Nanaimo to thrive?	What would it mean for Nanaimo to thrive within its natural habitat?
GLOBAL	What would it mean for Nanaimo to respect the wellbeing of people worldwide?	What would it mean for Nanaimo to respect the health of the whole planet?

The cities that participated in developing the City Portrait framework defined 'thriving' for their communities through an analysis of citywide resident opinions and by working with City Staff to identify official targets and indicators that best responded to each of the lenses. In Nanaimo, the City has just finished its Phase 1 public engagement for REIMAGINE Nanaimo. This included a broad engagement with the public online and mail-in surveys, and community stakeholder discussion around a range of topics dealing with the environment and sustainability. |

DISCUSSION

Choosing Indicators and Measuring Progress

When deciding on appropriate indicators, a number of considerations need to be taken into account. An environmental indicator can provide a direct measurement but it can also be a proxy measure that only provides an indirect measure. For example, when looking at progress around climate adaptation, proxy measures are often the only measure that can be taken. The technical expertise and resources needed to track an indicator can also limit the choice of indicator or target chosen.

1- ¹Rockstrom, Johan, et Al. (Sept. 2009) A Safe Operating Space for Humanity. Nature, Vol. 46/24

Given these considerations, effective indicators are generally:

- Linked to goals and objectives that tie back to existing key policy documents (i.e. Regional Growth Strategies, Official Community Plans, etc.);
- Allow for adaptive and flexible planning;
- Can measure progress in implementing an action or the change the community wants made; and
- Is easy to measure and is relatively accurate.

Local Indicators and Targets

There is a range of indicators the City could use as environmental indicators for the REIMAGINE Nanaimo City Portrait framework. The following table lists indicators and targets collected by the City or other levels of government as a starting point for discussion. Some indicator lists may not be currently applied but could be collected using existing City resources.

Environmental Goal	Objective	Local Ecological Indicator	Global Ecological Indicator
AIR <ul style="list-style-type: none"> • Climate mitigation • Climate adaptation • Clean Air 	<ul style="list-style-type: none"> • Achieve City GHG reduction targets • Prepare for a changing climate • Maintain 'low risk' on the Provincial Air Quality Health Index 	<ul style="list-style-type: none"> • Annual number of trees planted in the City • Meters of sidewalk / cycling routes built in the City • Change in transit mode share • Levels of particulate matter / ground level ozone / nitrogen dioxide as measured from provincial stations 	<ul style="list-style-type: none"> • Reduce total GHG emissions (tonnes of CO₂e) to meet Intergovernmental Panel on Climate Change (IPCC) targets • Total fossil fuel consumption (GJ)
WATER <ul style="list-style-type: none"> • Water for people and wildlife 	<ul style="list-style-type: none"> • Maintain water storage capacity for fish (Nanaimo River) 	<ul style="list-style-type: none"> • Per capita water consumption 	<ul style="list-style-type: none"> • Average water use of 426L per capita per day by 2035

Environmental Goal	Objective	Local Ecological Indicator	Global Ecological Indicator
<ul style="list-style-type: none"> Maintaining healthy streams 	<ul style="list-style-type: none"> Maintain urban stream water quality for fish 	<ul style="list-style-type: none"> Growth in volume of water stored (% from baseline) Provincial stream water quality standards (Temp, DO, Specific Conductivity, Turbidity) at levels safe for fish 	<ul style="list-style-type: none"> Peak water use of 769L per capita per day by 2035
LAND <ul style="list-style-type: none"> Control overall development in the Nanaimo Regional District Zero Waste Public access to natural spaces Healthy Urban Forests Protect and expand biologically diverse natural habitats Manage for Invasive Species 	<ul style="list-style-type: none"> Contain/encourage growth within the Urban Containment Boundaries (UCB) of the City Majority of residents within walking distance to a park Enhance public awareness around Nature and Stewardship Maintain a healthy urban tree canopy Update Sensitive Ecosystem Inventory and compare to 2002 results 	<ul style="list-style-type: none"> Residential density inside the UCB within urban nodes and corridors Area of Parks Number of residents within 400m of Parkland Mature tree canopy cover by 2050 (biologically diverse and equitably distributed in the City) Number of trees planted in City Parks / Boulevards Number of red and blue listed species in City Parks 	<ul style="list-style-type: none"> The City will work with the Regional District of Nanaimo to keep 90% of our region's waste out of the landfill by 2029

Environmental Goal	Objective	Local Ecological Indicator	Global Ecological Indicator
		<ul style="list-style-type: none"> Public participation level in environmental programs 	

The REIMAGINE Nanaimo process can adopt the Doughnut Framework model and create a City Portrait framework for Nanaimo that can be connected back to the multiple plans that are currently being updated.

This initial set of indicators and targets are a starting point for discussion purposes and will change and evolve as more information comes forward from the public input process and environmental stakeholders. Staff will continue to collect and refine the environmental, social and economic indicators as further public and committee feedback comes forward.

SUMMARY POINTS

- This report provides background information on the Doughnut Economics Framework and a list of environmental indicators for the committee's review and input.
- The 'Doughnut' model is labeled as a 21st century approach to balance development between meeting key social needs and avoid pushing beyond our ecological limits. The social needs identified focus not only on economic growth, but also on thriving, resilience, and well-being within communities.
- The 'Doughnut' framework model has been adjusted to apply on a local government scale, in cities, such as Philadelphia, Pennsylvania and Portland, Oregon, through the City Portrait framework. That said Staff are still trying to confirm if these Cities have officially adopted this framework into their community plans.

ATTACHMENTS:

ATTACHMENT A: Doughnut Framework Model

Submitted by:

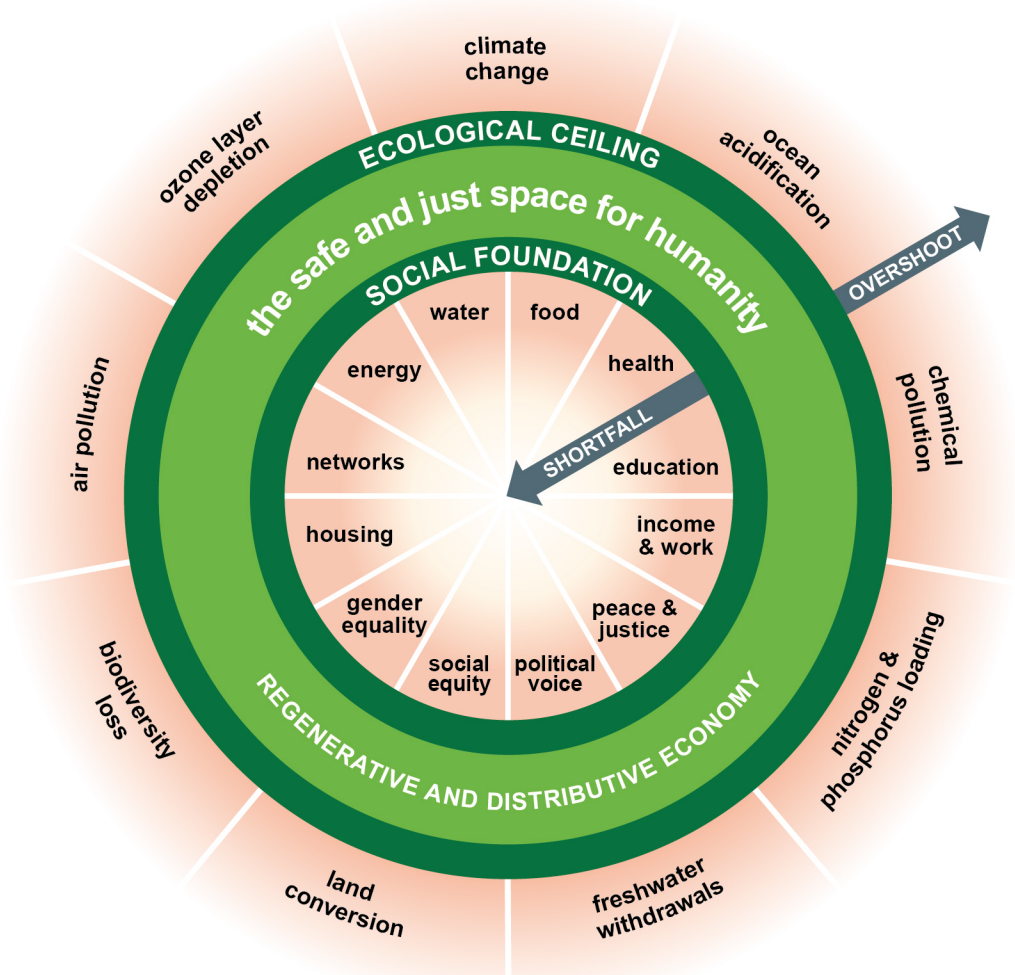
Rob Lawrance
Environmental Planner

Concurrence by:

Jeremy Holm
Director, Development Approvals

Dale Lindsay
General Manager, Development Services


ATTACHMENT A





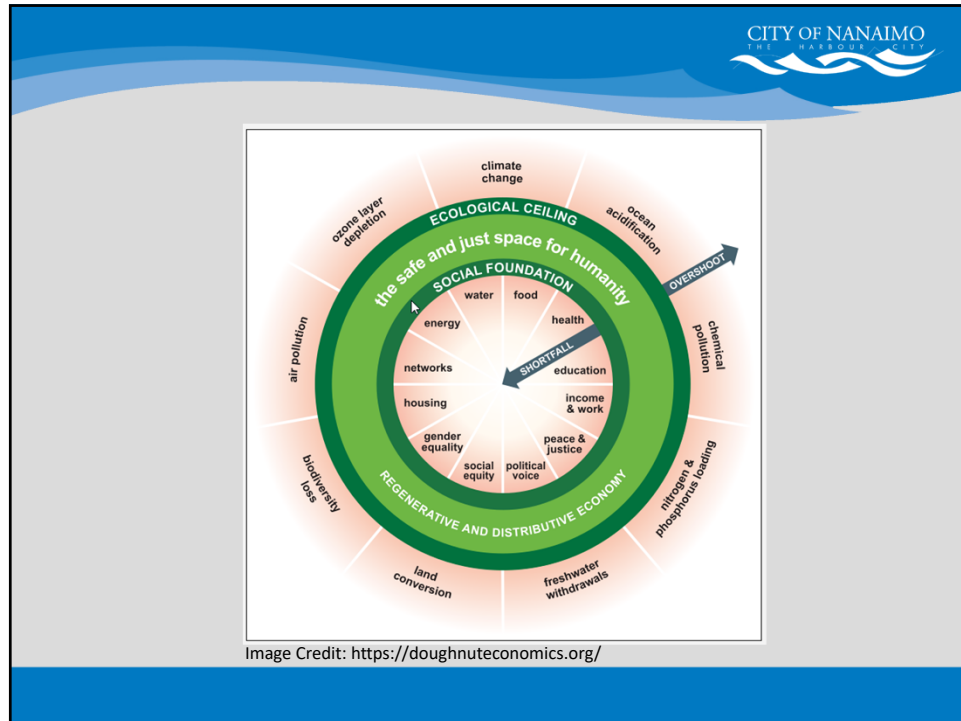
REIMAGINE NANAIMO in THE DOUGHNUT ECONOMICS FRAMEWORK

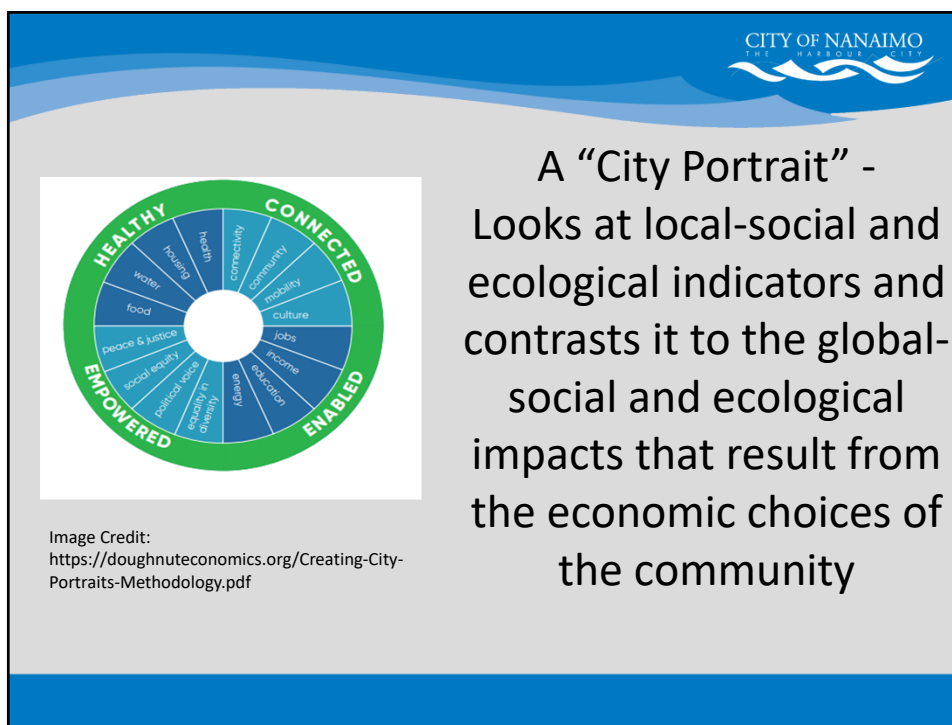
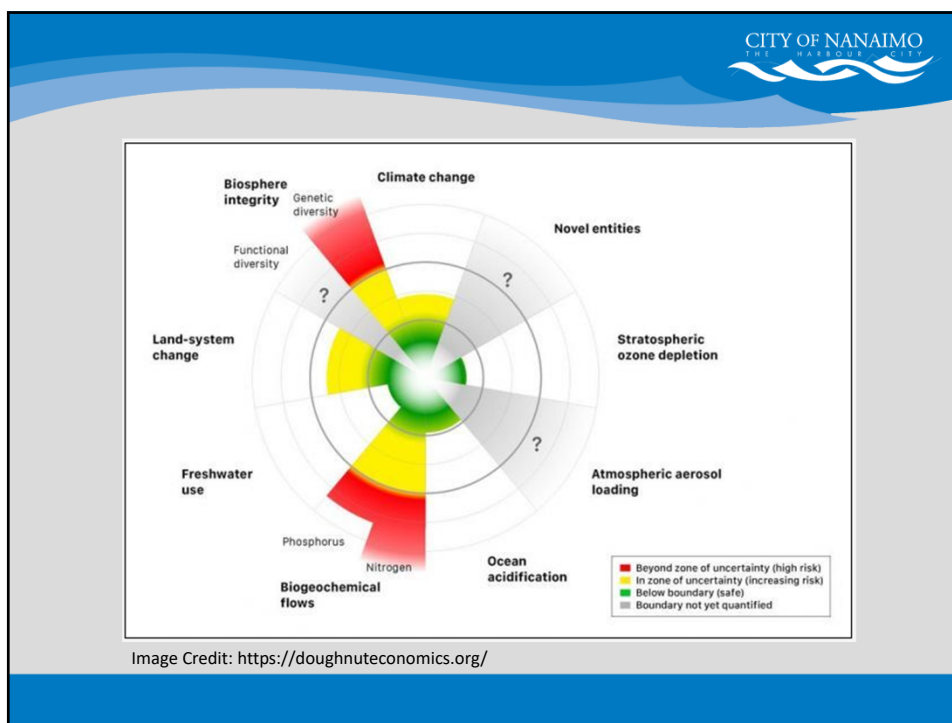
Presentation to the Environment Committee
2021-JAN-27

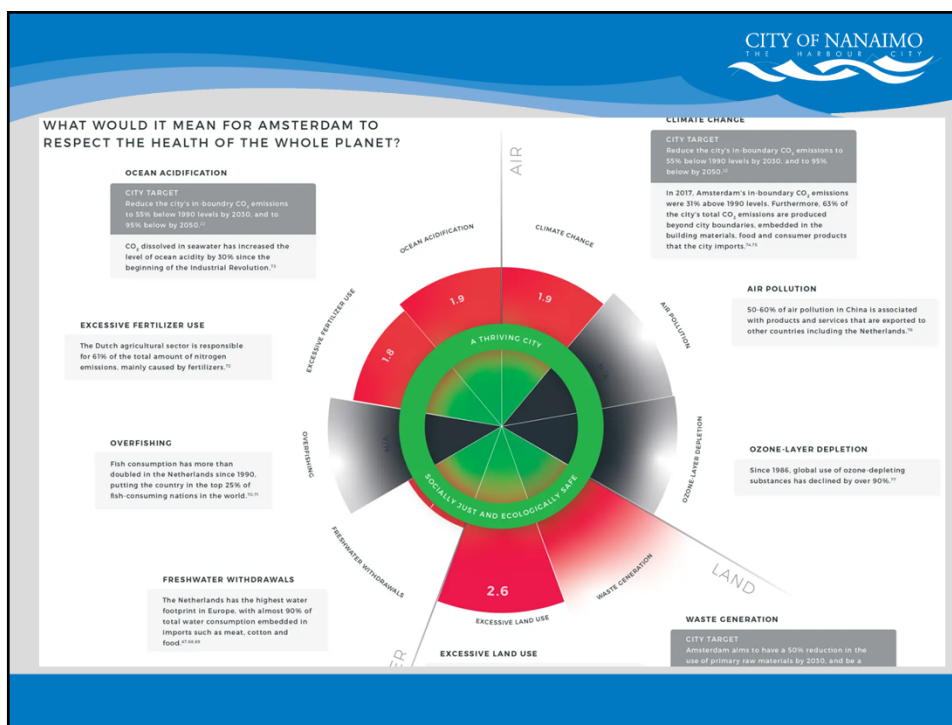


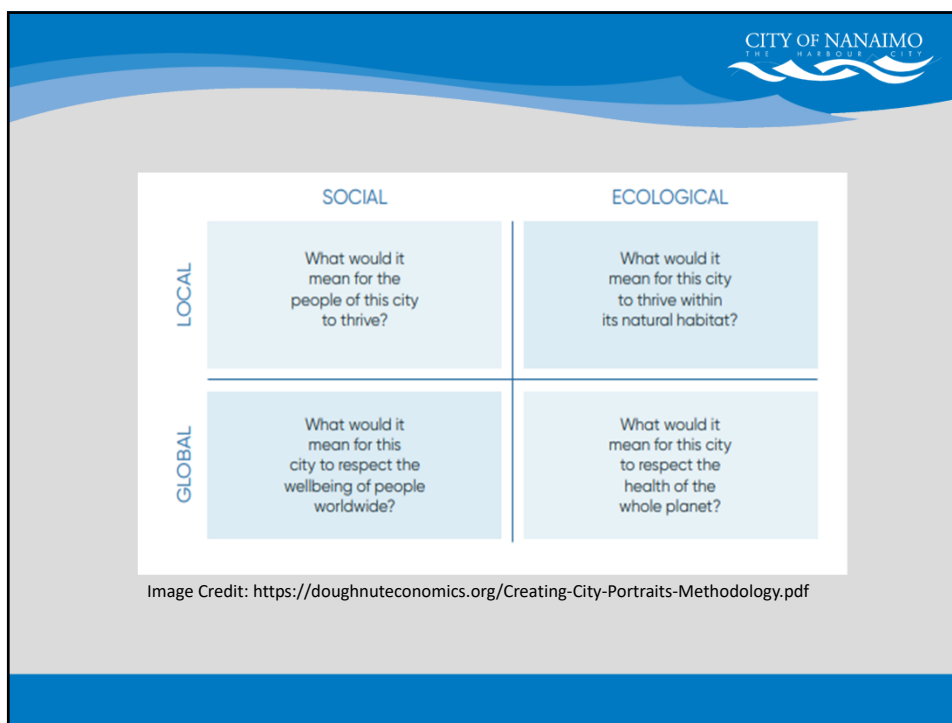
Council Motion from 2020-DEC-14:

“That the City of Nanaimo adopt the Doughnut Economic Model as a cohesive vision for all City initiatives and planning processes; and that a city portrait for Nanaimo be created to scale down the doughnut economics framework, that the city portrait be blended with the REIMAGINE NANAIMO process and that appropriate measurable targets and indicators relevant to the community be identified and included in the framework to track progress.”



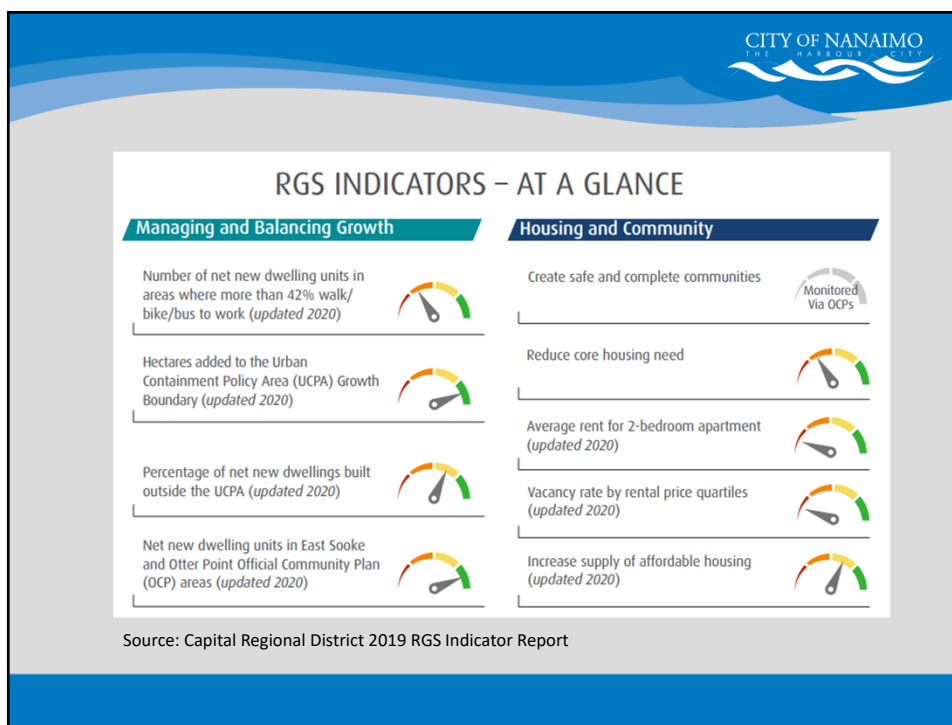
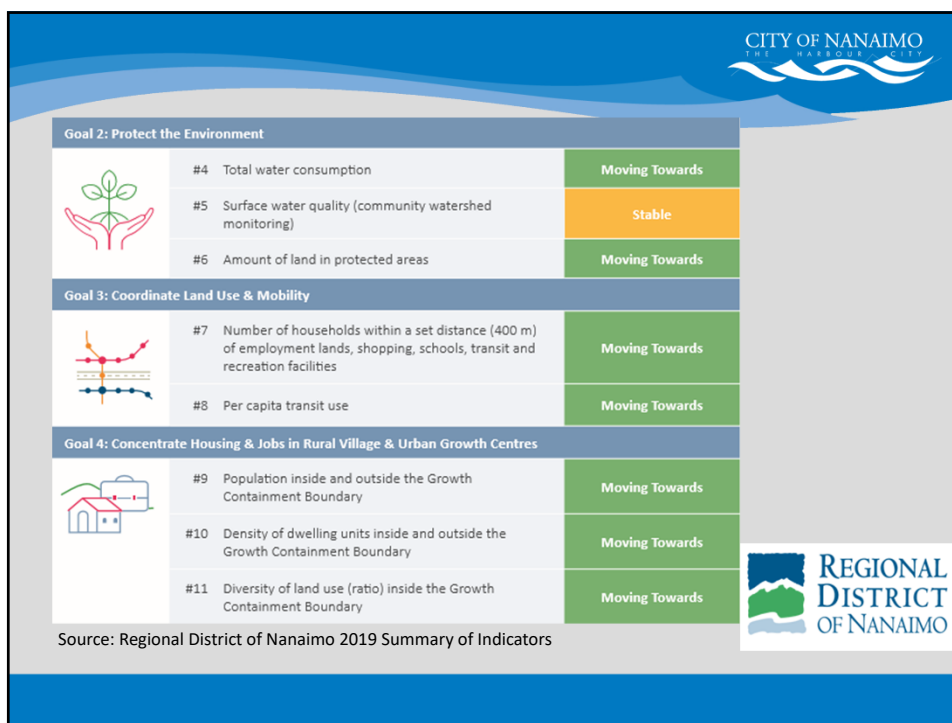


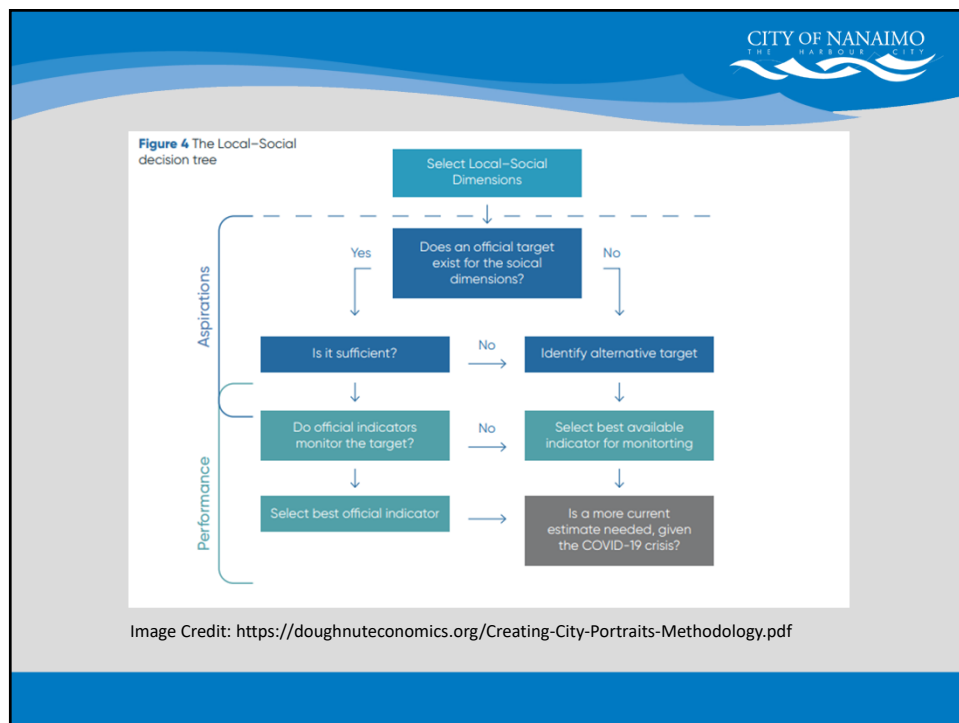
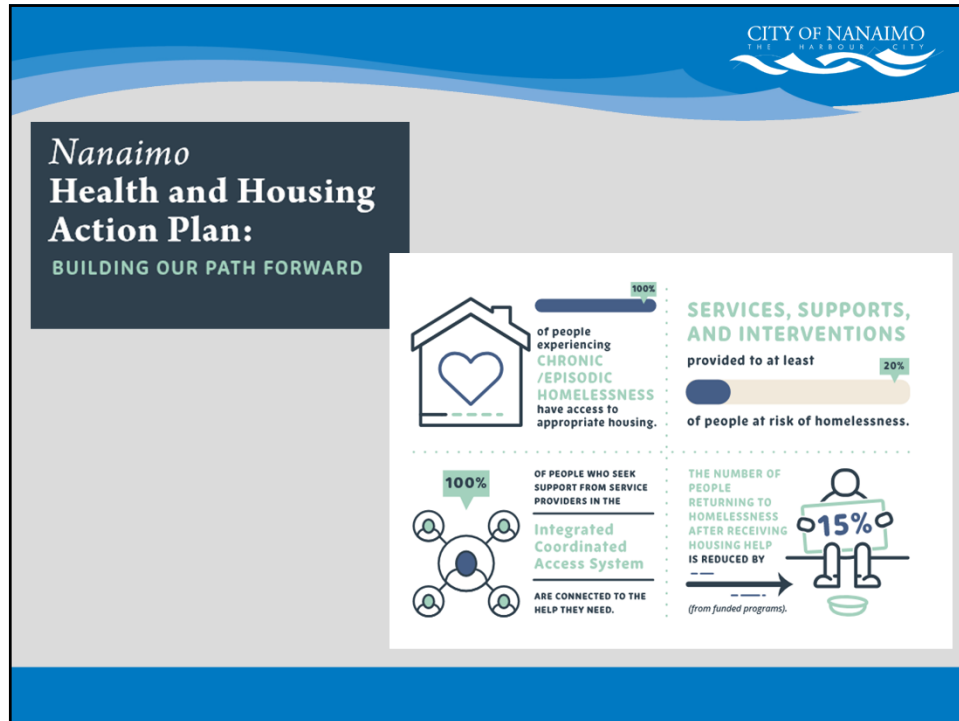




Related Current Plans & Indicators

- Regional Growth Strategy Annual Update
- Affordable Housing Strategy
- Health & Housing Action Plan
- Economic Development Strategy
- GIS Mapping of Land Use/Parks
- Forest Canopy Cover
- Water Quality Indicators
- Community GHG Emission Levels





- NEXT STEPS:**
- Analysis of Phase 1 Engagement for community priorities
 - Review of relevant existing plans and documents for key indicators
 - Consultation with key staff on potential innovative approaches
 - Using the tools developed by DEAL to develop unique Nanaimo portrait

