



UPDATE ON CITY PORTRAIT

2021-MAR-22

AGENDA



Update on March 10 Indicators Workshop



Review Draft Pick of Indicators

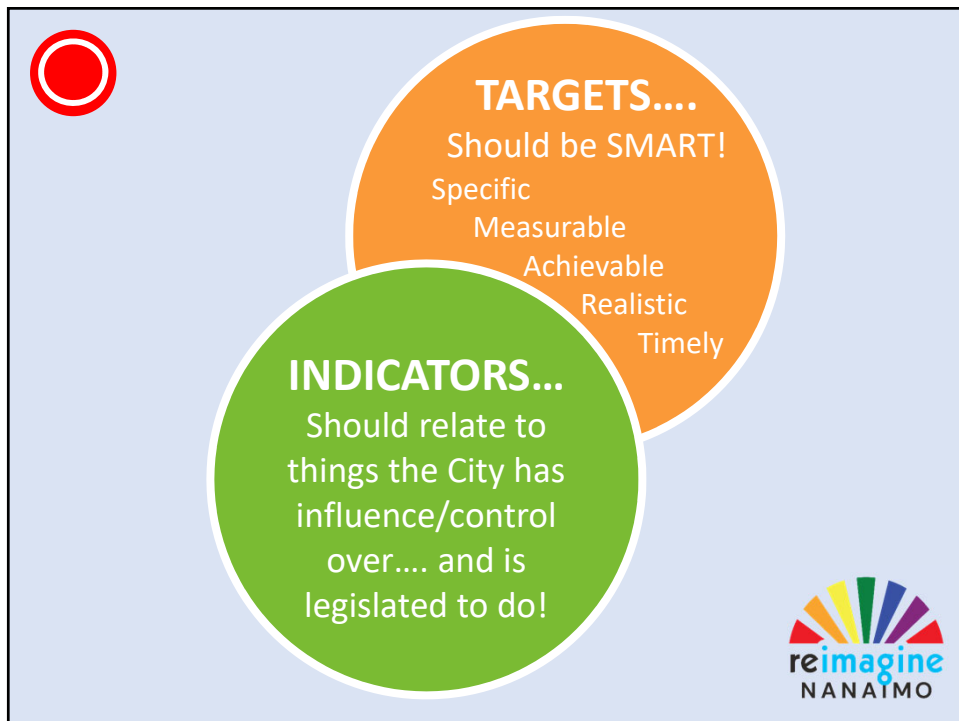
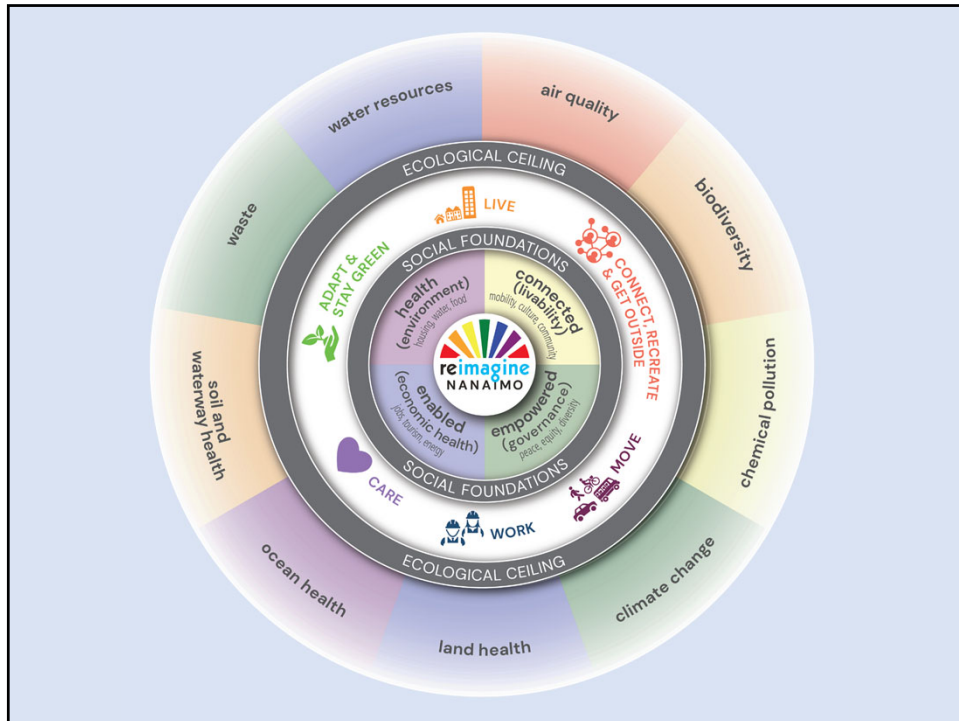


Example of Fully Developed Indicator



Next Steps





Indicators and Targets Workshop Highlights

- ⊙ ~40 Participants (incl. Council + Committees)
- ⊙ Six Facilitated “Zoom Rooms”
- ⊙ 75 Potential Indicators Discussed
- ⊙ 21 Indicators “Upvoted”



Breakout Room Links		LAND HEALTH / LAND USE		COMMENTS / QUESTIONS ON THIS GOAL	
ROOM 1: ENABLED (Economic Health) jobs, income, tourism, energy <i>How We Work</i>		Background • RGN Regional Growth Strategy measures: • amount of land in protected areas • diversity of land use (land) inside the Urban Containment Boundary • Number of riparian lands (lands) inside the Urban Containment Boundary • Number of parcels with Farm Status • Amount of land designated as Private Managed Forest Land • 1998 / 2006 Progress Nantimo measures: • land area inside and outside the UCB to riparian boundaries • population inside and outside the UCB • Total area of Forest Resource Land designation • Land use in Forest Resource Land designation		Useful, but there are too many UCBs in the RGS stormwater generated / area of permeable surfaces Find a way to...	
ROOM 2: HEALTHY & EMPOWERED (Environment) housing, water, food (Governance) peace, equity, diversity <i>How We Care</i>		Proposed REIMAGINE NANTIMO Indicators		Voting Dots: Cast a vote by moving one dot to either yes, no, or maybe	
ROOM 3: CONNECTED (Livability) mobility, community, neighbourhoods <i>How We Live & Move</i>		1 Proportion of 1 ESAs with Protection • identifies the proportion of identified ESAs that are / are not protected • ESA include: • Coastal Bluff • Wetlands • Watercourse / Riparian • Terrestrial herbaceous • Older second growth forest Desired trend: maintain / increase No existing report	• % of protected ESAs • through GIS analysis • may consider different levels of protection (e.g., parks vs. private lands protection) • some baseline data from 1998 / 2006 available	Discussion, Questions, Suggested Modifications Cultural component hand in hand with environmental Would also like to see riparian area vs actual This is protected with water on both sides, but it's not connected to the water table	Suitable Indicator? Yes No Maybe
ROOM 4: CONNECTED (Livability) well-being, culture <i>How we Connect, Recreate & Get Outside</i>		2 Area of Protected Lands • tells us how much land in total is within a protected area designated by the federal, provincial, or local government Desired trend: maintain / increase No existing report	• % of protected ESAs • through GIS analysis • With limited undeveloped land in the City, indicator is unlikely to shift much more. City's role in land protection at the regional level may be more critical • Baseline: 1,785 ha (2019) an increase from 1,687 ha (2018)	Reclaim concrete and grey areas - regenerate land We need to regenerate land as we develop, daylight rivers, protect, expand and connect natural areas	Suitable Indicator? Yes No Maybe
ROOM 5a: ECOLOGICAL CEILING (Livability) air quality, biodiversity, chemical pollution, climate change <i>How We Adapt & Stay Green</i>		3 Land Inside / Outside UCB • helps to track where new growth and population is occurring with respect to the urban containment boundary Proportion of land area and population inside and outside the urban containment boundary Desired trend: growth focused inside UCB No existing report	• ha inside / outside UCB • population inside / outside UCB • already being monitored for RGN Regional Growth Strategy	Responsible growth can still happen (and is supported in existing policy) within the UCB	Suitable Indicator? Yes No Maybe
ROOM 5b: ECOLOGICAL CEILING (Livability) land health, ocean health, soil and waterway health, waste, water resources <i>How We Adapt & Stay Green</i>		4 Diversity of Land Use in UCB • helps to understand the mix of land uses being developed within the urban containment boundary Diversity of land use per square km inside the Urban Containment Boundary Desired trend: increasing diversity No existing report	• ratio of land uses • through GIS analysis • no baseline identified	Maybe a useful item: Land outside the UCB that can support local agricultural production for food security. Rip this one around a bit. e.g. determine rural/forestry land areas outside UCB	Suitable Indicator? Yes No Maybe



Next Steps for Indicators/Targets to Create City Portrait

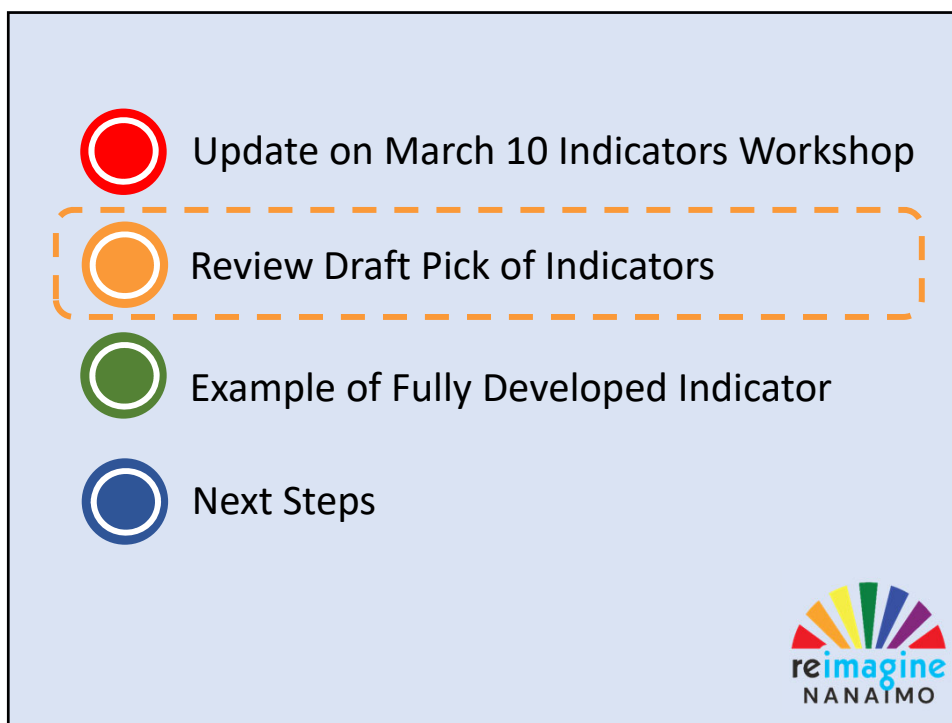


Step 4: Council Endorsement

Step 3: Confirm Measurement Process

Step 2: Identify/Confirm Baselines

Step 1: Review of workshop results and further refine draft Indicators (Staff and Technical Advisors)



ROOM 1: ENABLED → (Economic Health) jobs, income, tourism, energy <i>How We Work</i>	Non-Residential Building Permits Working Age Population Per Capita Non-Renewable Energy Use
ROOM 2: HEALTHY & EMPOWERED → (Environment) housing, water, food (Governance) peace, equity, diversity <i>How We Care</i>	Chronic/Episodic Homelessness Income Spent on Housing
ROOM 3: CONNECTED → (Livability) mobility, community, neighbourhoods <i>How We Live & Move</i>	# of Households within 400m of essential services/transit/schools Transportation by Mode Distance Driven per Capita Land Use Mix in Nodes/Corridors Mix of Housing Types in Neighbourhood
ROOM 4: CONNECTED → (Livability) well-being, culture <i>How we Connect, Reconnect & Get Outside</i>	Park Area Per Capita and Parks and/or Open Space Distribution Community Satisfaction of PRC facilities and services Increased public waterfront access Inclusive services
ROOM 5a: ECOLOGICAL CEILING → air quality, biodiversity, chemical pollution, climate change <i>How We Adapt & Stay Green</i>	GHG Emissions Proportion of ESA with protection Area of protected lands Surface water quality
ROOM 5b: ECOLOGICAL CEILING → land health, ocean health, soil and waterway health, waste, water resources <i>How We Adapt & Stay Green</i>	Collected Waste / Household Water consumption per capita

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-  Review Draft Pick of Indicators
-  Example of Fully Developed Indicator
-  Next Steps



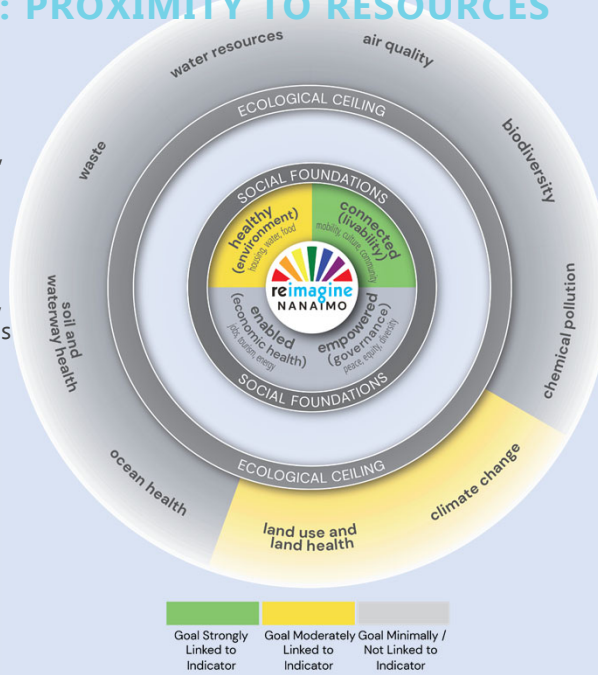
INDICATOR #1: PROXIMITY TO RESOURCES

WHAT IT MEASURES

of households within 400m of employment lands, shopping, schools, transit, and recreation

WHAT IT TELLS US

- how compact, complete, and connected the City is
- potential for accessing services within walking or cycling distance
- equity of access to services for neighbourhoods throughout the City



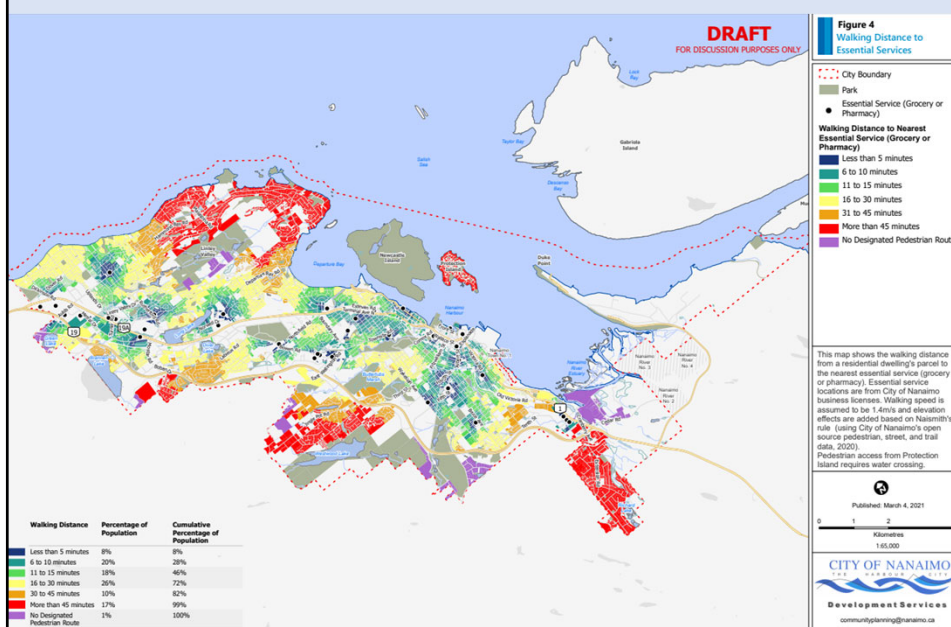


Why is this a strong indicator?

- ☐ Provides key insights across connected City policy areas: Land Use and Mobility, Housing Affordability, Equitable access to community amenities (Parks, Recreation, Employment, Services), and Environment/Climate Change
- ☐ Data reliable and readily available
- ☐ Lower cost for monitoring (staff time)
- ☐ Aligns with RGS monitoring



Sample Base Map for Grocery/Pharmacy Access



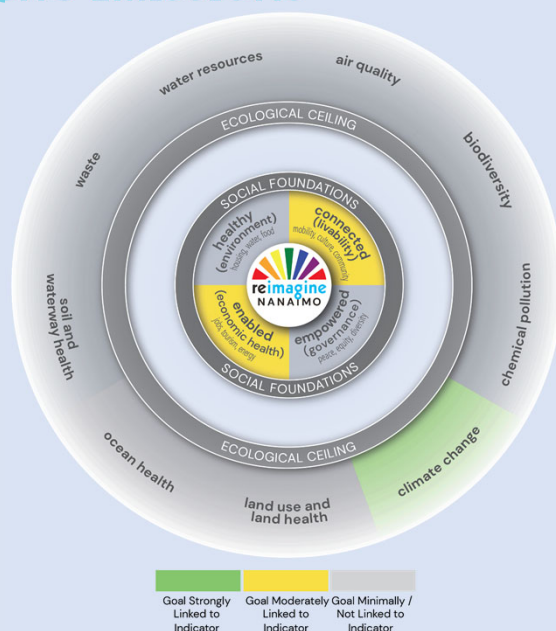
INDICATOR #2: GHG EMISSIONS

WHAT IT MEASURES

Total community greenhouse gas emissions (tCO₂e)

WHAT IT TELLS US

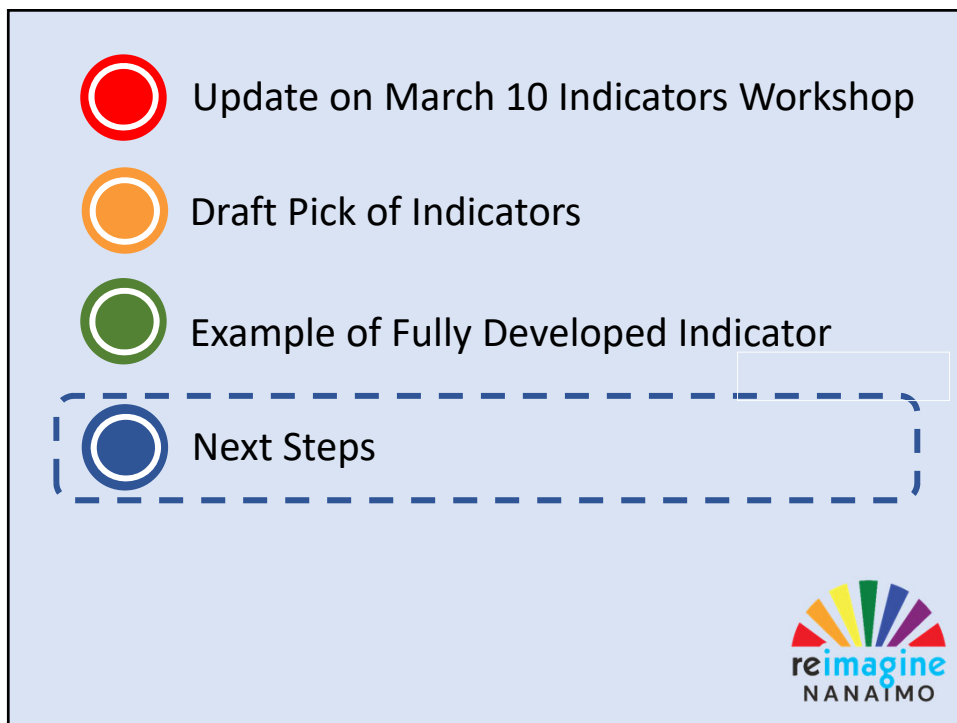
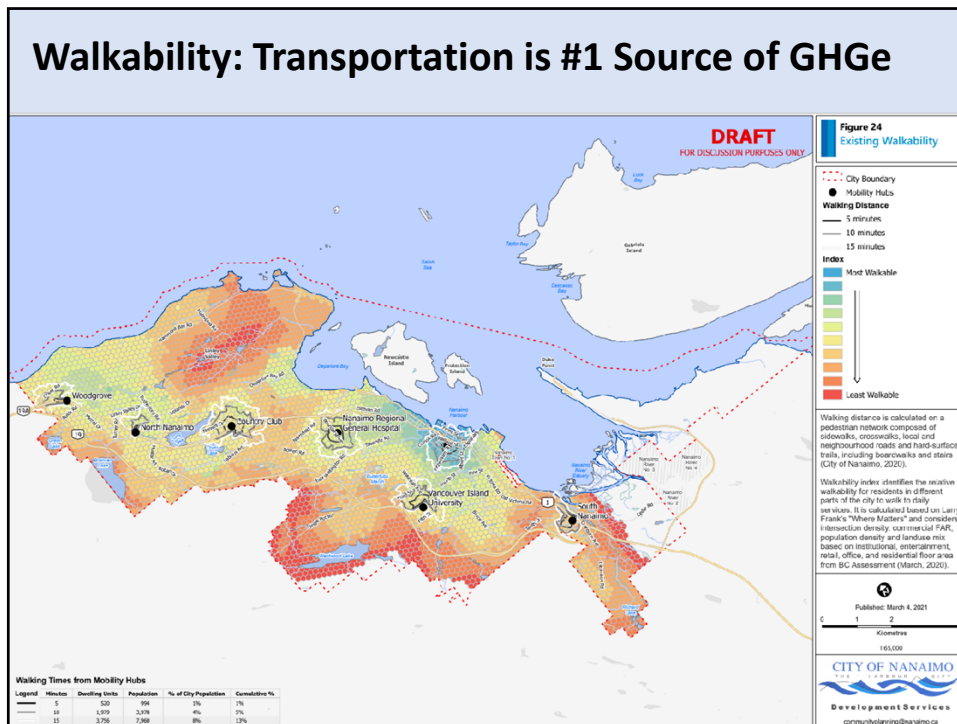
- How close we are to meeting goal of reducing community-wide emissions to between 50% and 58% below 2010 levels by 2030, and between 94% and 107% below 2010 levels by 2050
- Signals as to whether existing policies are on the right track



Why is this a strong indicator?

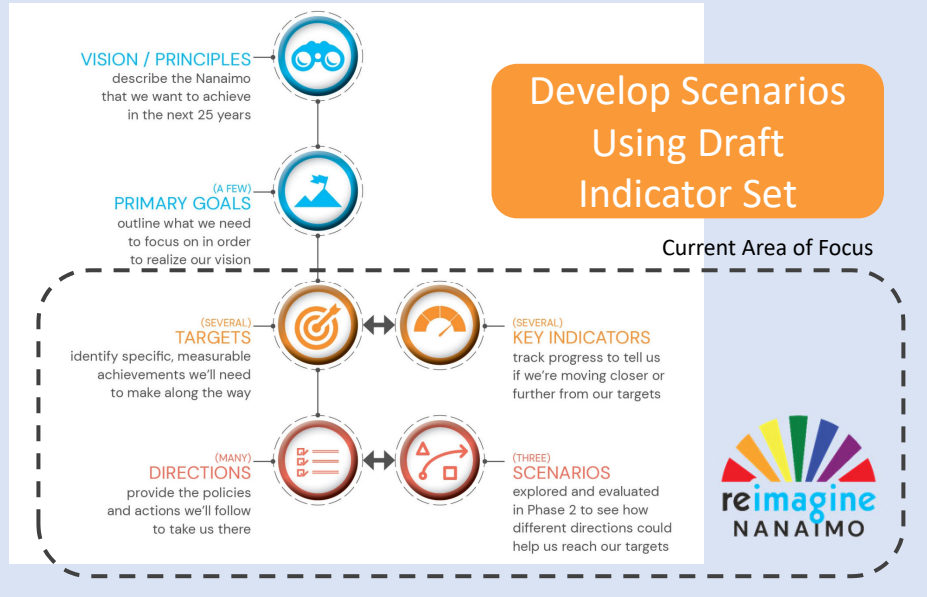
- ☐ Critical to measuring whether we are exceeding environmental “ceiling”
- ☐ Aligns with RDN RGS Monitoring
- ☐ Data free and collected by Province of BC (required interpretation/analysis)
- ☐ Good data reliability (5-year updates with interpolation possible in interim)





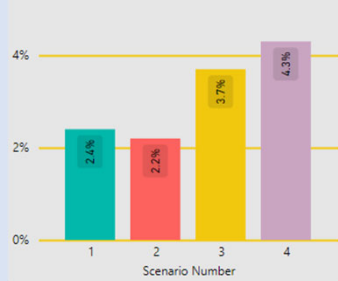


Next Steps – Scenario Development

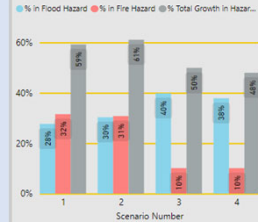


Scenario Development – Kelowna (OCP Only)

Change in Peak Hour Active Mode Share (walk/bike)

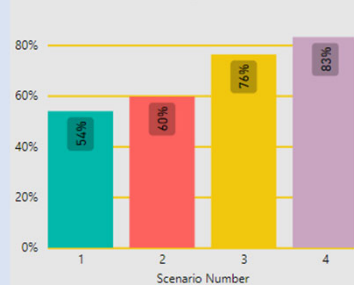


New Growth in Hazard Areas (%)



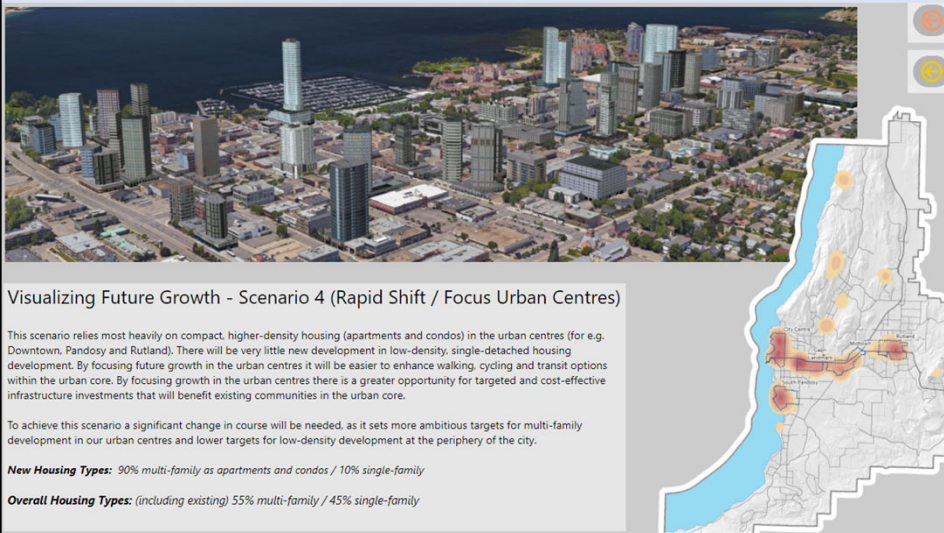
Account	Scenario 1	Scenario 2	Scenario 3	Scenario 4
Agricultural Protection	1	2	3	4
Financially Resilient	1	2	3	4
Growing Economy	3	3	4	4
Growth Management	1	2	3	4
Health and Safety	2	2	4	4
Livable Communities	2	3	3	3
Mitigate Climate Change	2	2	3	4
Travel Choices	2	1	3	4
Total	14	17	26	31

Growth within 400m of Neighbourhood Services (%)





Scenario Development – Kelowna Example



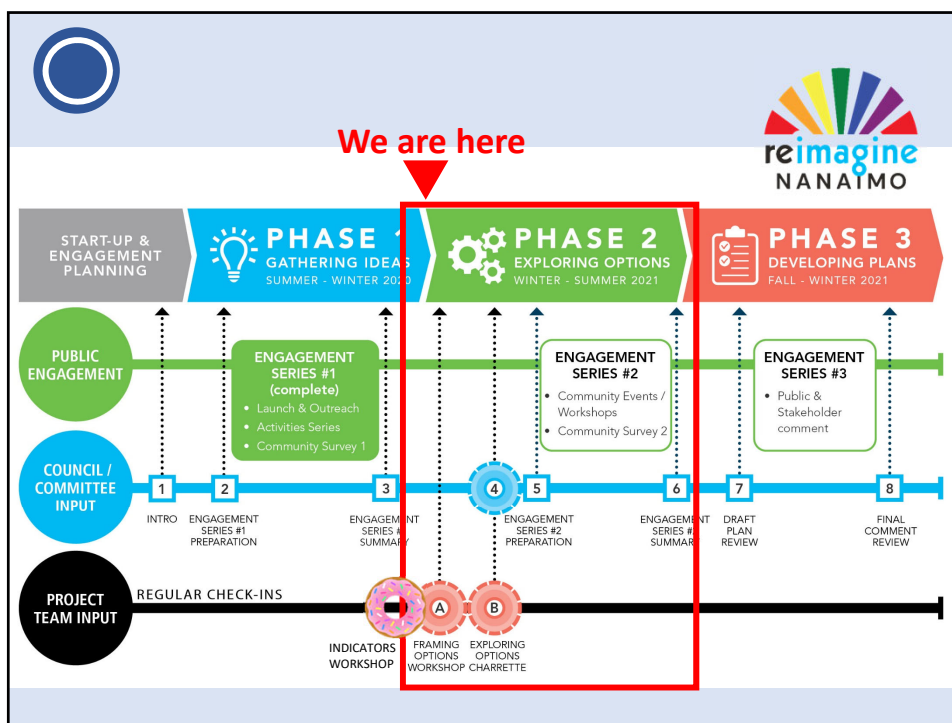
Next Steps – Scenario Development

**Use Portrait to Develop
and Evaluate Scenarios**
COUNCIL WORKSHOP APRIL 29



**To Prepare for
PHASE 2 Community
Engagement**





KEY DATES		DRAFT REIMAGINE NANAIMO – 2021-22 MILESTONE CALENDAR								
	INTEGRATED PLANNING	PHASE 2 MILESTONES								
		January	February	March	April	May	June	July	August	Sept
★ Council Updates ★ Council Decisions		Phase 1 Public Engagement Summary Finalized Base Maps Finalized Staff begin review of indicators for Doughnut Economics City Portrait Feedback from Environment Committee	★ Feb 8 GPC ✓ Phase 1 Engagement Summary Presented ★ Feb 22 GPC ✓ Staff discuss milestones and potential project outcomes Ongoing staff review of indicators for Doughnut Economics City Portrait	★ Mar 8 GPC ✓ Preliminary City Portrait & Indicators ★ Mar 10 ✓ Targets & Indicators Workshop/Charrette ★ Mar 22 GPC ✓ Council to update on Targets & Indicators to Evaluate Scenarios Refine Indicators Model options Staff workshop on exploring options/scenarios	Further model options/scenarios Prepare Phase 2 engagement materials Committees Feedback ★ April 26 GPC Council review of preliminary options/scenarios & Plan Framework ★ April 29 Council workshop/Charrette on exploring options/scenarios to use for Phase 2 engagement	★ May 10 GPC Prepare & Finalize Phase 2 engagement materials Phase 2 online questionnaire launched Phase 2 Statistical Survey mailed out Virtual workshops / at-home activities Ongoing Events & Promotions ★ May 31 GPC Updates on Phase 2 engagement	★ Jun 14 GPC ★ Jun 28 GPC Updates on Phase 2 engagement Committees Feedback Ongoing Events & Promotions Virtual workshops conclude Questionnaire closes end of June Drafting Plans	Summary and analysis of Phase 2 findings ★ July 12 GPC Update on Phase 2 engagement numbers/demographics ★ July 26 GPC Phase 2 Engagement Summary presented Draft Plans: Internal staff review Drafting Plans	No GPC Mtgs Preferred scenarios confirmed Draft Plans refined & reviewed with internal team and Committees Update Climate modelling Preparation of summary of key plan directions and rationale Refining Plans	★ Sept 27 GPC Council review of key plan directions and rationale summary Committees Feedback External Agency Referrals Refining Plans
		WSS development synced with land use scenario analysis/modelling, options development, engagement and Council meetings								
		Jan 19 - EDS Task Force recommend Council endorse	★ Feb 1 Council COMPLETE ✓ EDS Endorsed	Establish Advisory Group List Stakeholders EDS priorities inform development of plan scenarios In house team starts EDS implementation Creation of External Economic Development Corporation	Advisory Mtg #1 Introduce WSS & discuss priorities	Advisory Mtg #2 Upgrades Roadmap Virtual Stakeholder meetings	Advisory Mtg #3 Virtual Stakeholder meetings Drafting WSS	Summary and analysis of WWS engagement Drafting & Refining WSS	★ Sept 27 GPC Council review as part of key strategic plans and rationale Refining WSS	
EDS and WWS, along with other documents like the Trail Implementation Plan, Culture Plan for a Creative Nanaimo, Various Park Master Plans, Food Security Plan, Health and Housing Action Plan, Age Friendly Plan etc. will inform scenario development/ options for drafting land use and policy directions in integrated plans										

REIMAGINE

Steering Committee feedback

- Feedback?
- Thoughts on next steps?
- Other comments?



REIMAGINE



"Fun neighbourhood" by Bronwyn Moes, Age 10

Huy tseep q'u Siem

