



SQUAMISH

HARDWIRED *for* ADVENTURE

Marine Action Strategy

**Howe Sound
Community Forum
May 4 2018**

Sarah McJannet, RPP MCIP
Planner

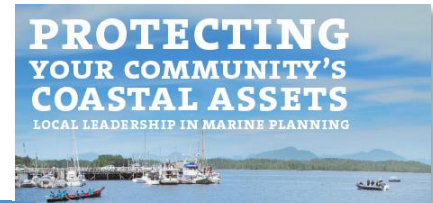
Kayachtn (Welcome) Skwxwú7mesh



Coastal/Marine Planning Initiatives



a sample of local, regional provincial + national marine initiatives underway

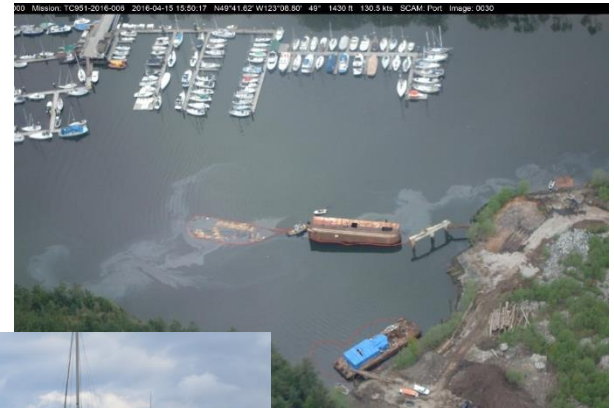


Marine Action Strategy

Marine Strategy – *Taking Needed Action*

Phase 1

- Building capacity to take action on local marine issues (best approaches, tools, strategies)
- Support for community projects to address vessels of concern, habitat restoration etc

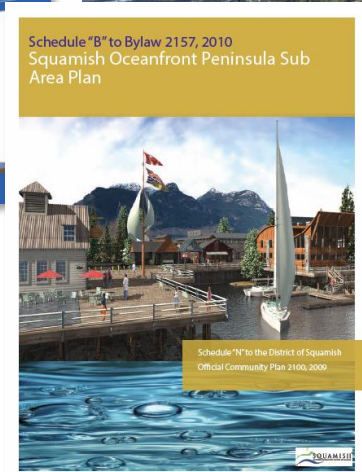
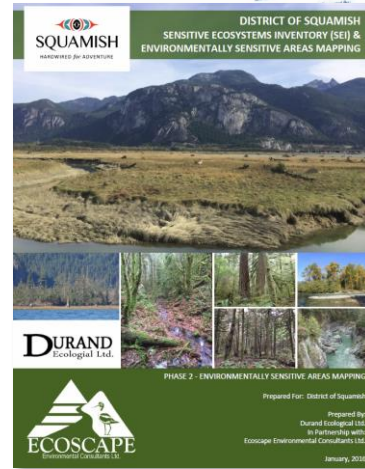
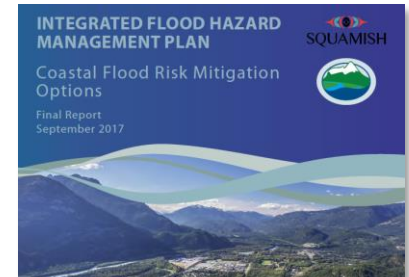
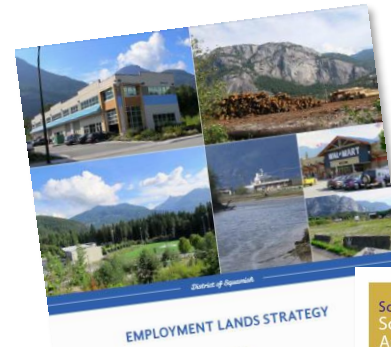


Marine Action Strategy



Marine Action Strategy – *What is it?*

- Strategic frame for local marine ACTIONS
- Aligns and coordinates marine priorities + activities by District, working with governments, Squamish stakeholders + agencies
- Deliverable: Strategy Document + Implementation Plan (prioritized short, medium, long term actions)



Marine Action Strategy



Intentions + Key Objectives

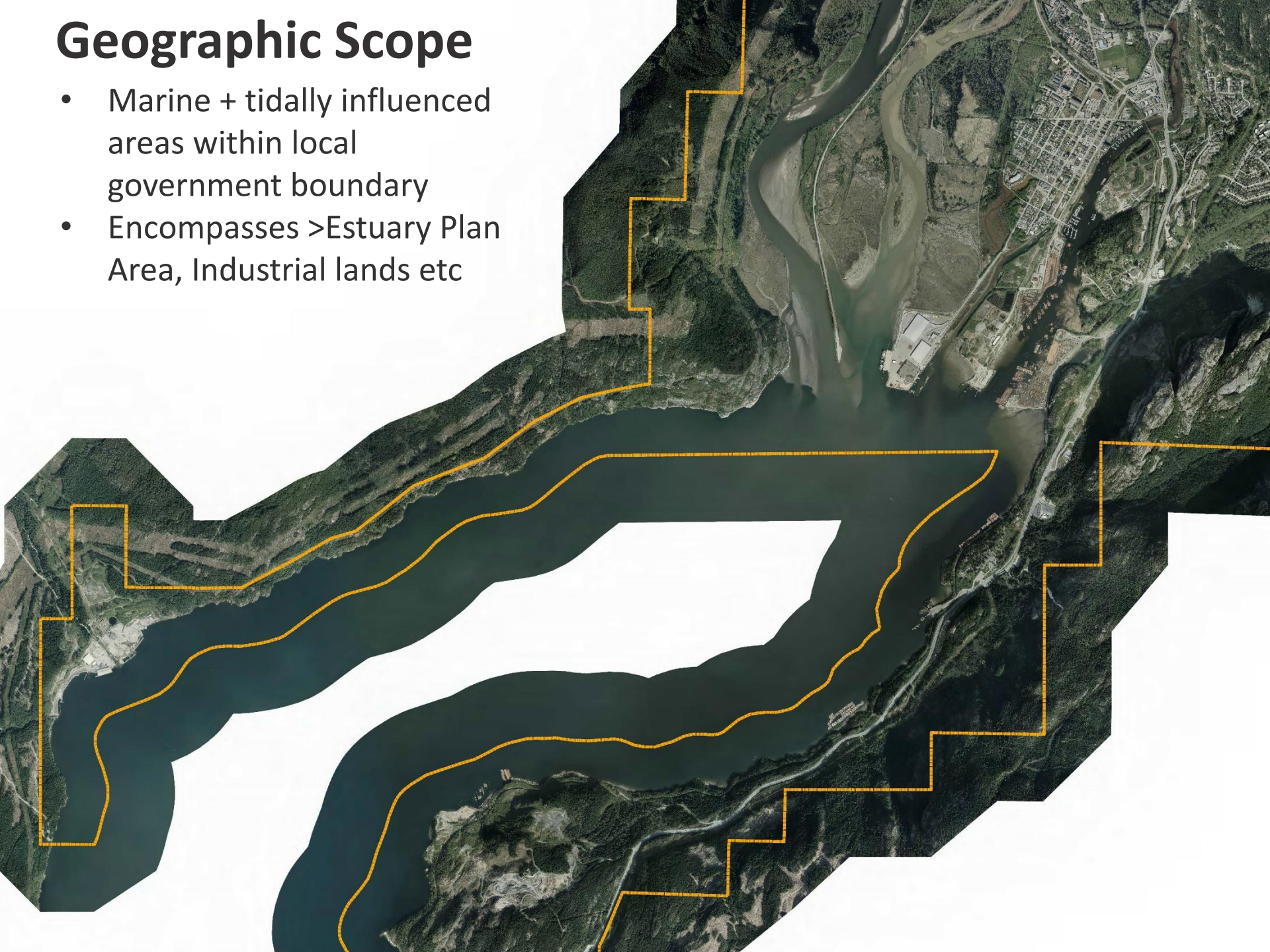
- Mobilize shared leadership
- Identify marine focus areas + prioritize actions to protect and maximize waterfront resources/assets
- Inform and align decision making and coordinate efforts



Marine Action Strategy

Geographic Scope

- Marine + tidally influenced areas within local government boundary
- Encompasses >Estuary Plan Area, Industrial lands etc









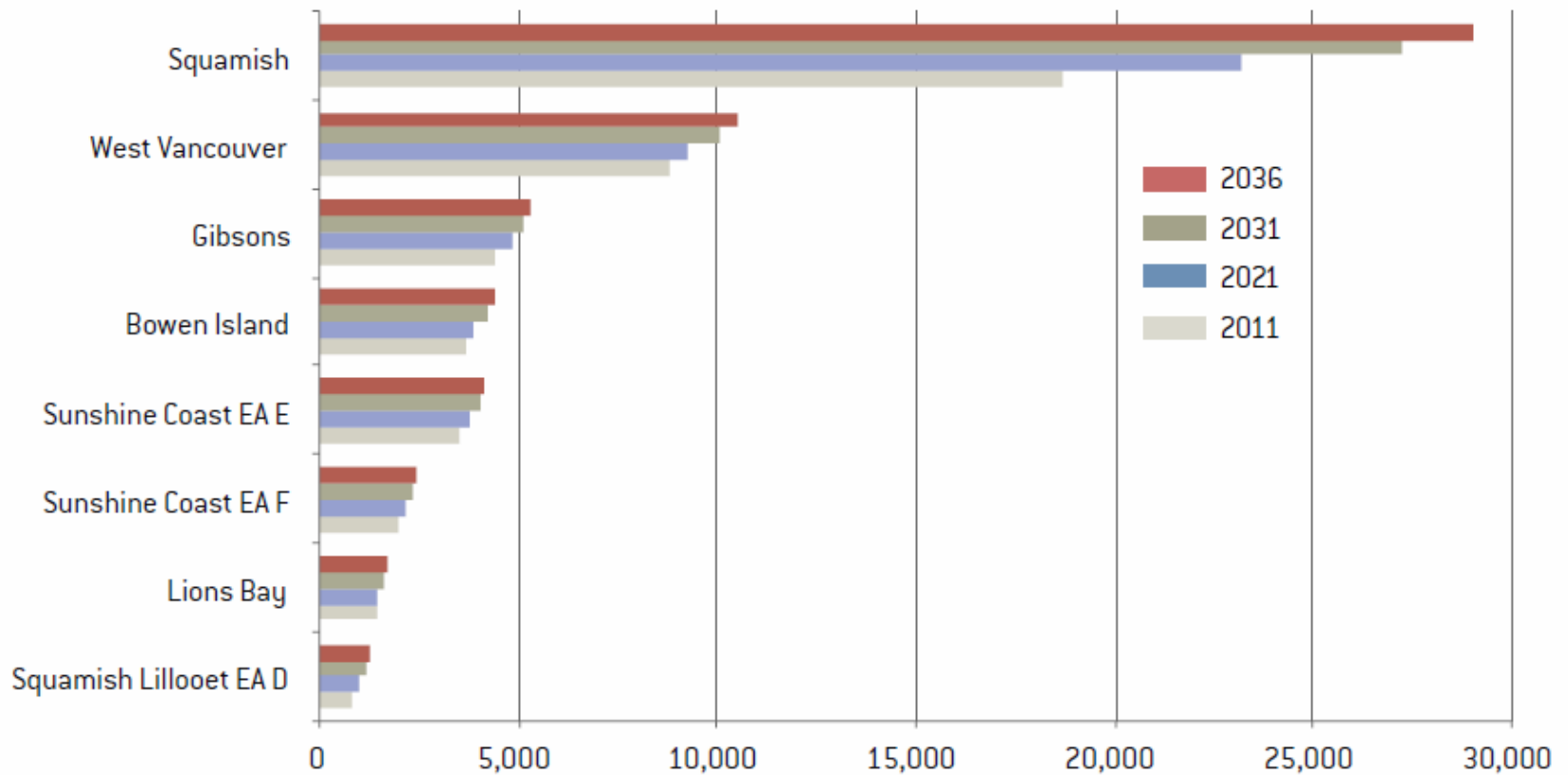


At'kitsem / Howe Sound

Squamish

- 19,893 people
- 13.8% growth 2011-2016
- 4.3% increase 2016-17
- Major residential unit + employment growth expected in next 20 years
- Active development files for ~3500 units Downtown alone

FIGURE 3: PROJECTED GROWTH RATES, 2011 – 2036



Source: Lionsgate Report.

Note: Sunshine Coast EA F = Sunshine Coast Electoral Area F; Sunshine Coast EA E = Sunshine Coast Electoral Area E; Squamish Lillooet EA D = Squamish Lillooet Electoral Area D.



Marine Action Strategy



Project Stages

STAGE 1
PLANNING AND
IDENTIFICATION
Oct - Nov 2017

STAGE 2
REVIEW / DEVELOP
DIRECTIONS
Dec 2017 - Jan 2018

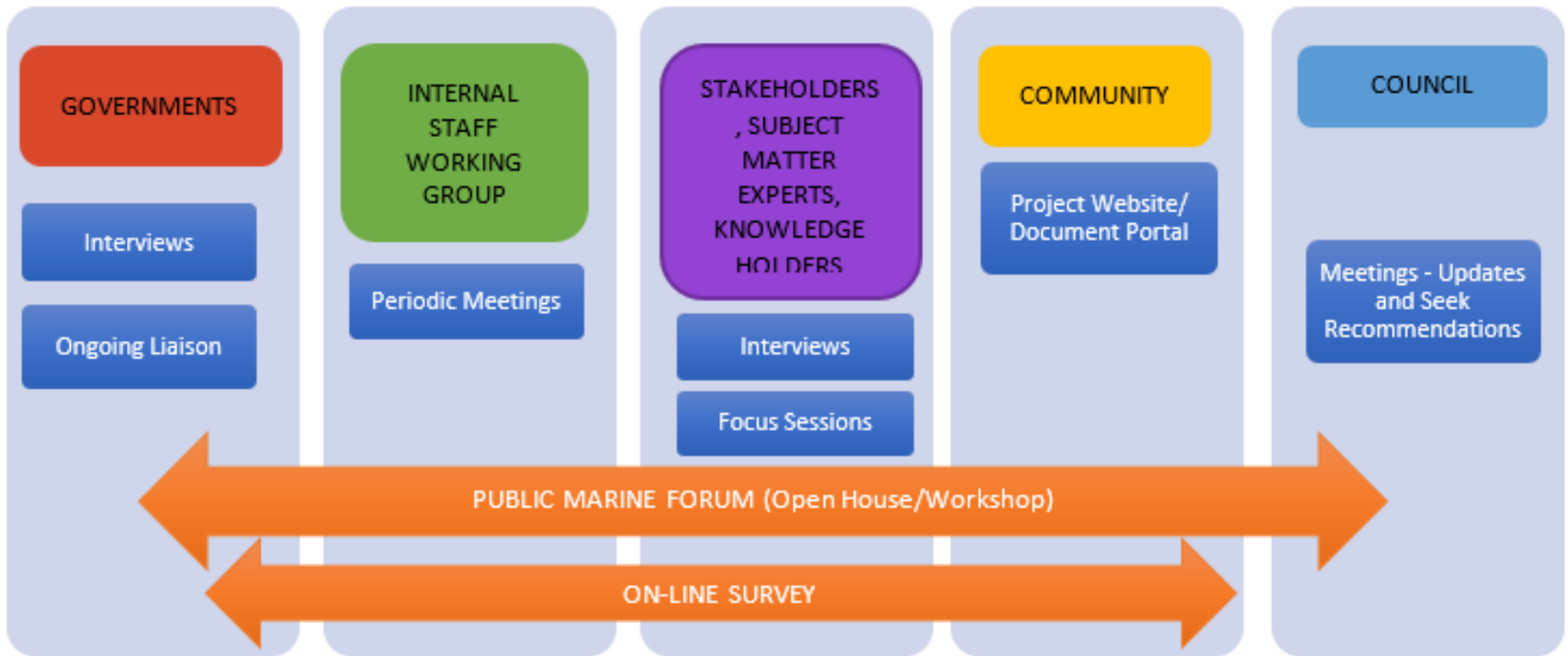
STAGE 3
PRIORITIZE +
ACTION PLAN
Jan - Feb 2018

STAGE 4
RESOURCE
Feb - Apr 2018

STAGE 5
IMPLEMENTATION
April 2018 Onwards

Marine Action Strategy

Process + Engagement



Marine SWOT Review (Phases 1+2)

A SWOT analysis diagram with four colored hexagons: Strengths (orange), Weaknesses (teal), Opportunities (red), and Threats (green). The letters S, W, O, and T are prominently displayed in the center of each hexagon.

STRENGTHS

- Coastal community with deep water port
- International transportation connections to regional and international markets
- Productive estuary habitats, ecological services and fisheries
- Strategic location (land, water, air) + water (desalination, water treatment)
- Strategic location (land, water, air) + water (desalination, water treatment)
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WEAKNESSES

- Limited exchange space / demand for local and global
- Maritime long-term land resources for key facilities (e.g. Squamish Yacht Club)
- Inadequate facilities/infrastructure (boat launching, marine fuel storage, public water access + services)
- Limited waterway/river (Sturgeon River Channel) pilot projects
- Limited local presence + coordination of marine and offshore activities (fishery, transport, tourism, etc.)
- Coast Guard
- Shifting regulations + reduced participation of marine governments in local development and management activities (Aquaculture, Estuary Management Committee non-functioning)

OPPORTUNITIES

- Waterborne redevelopments + waterfront revitalization (dockhouse build-out, new industry uses)
- New partnerships (e.g. piloting, research, Squamish International, DCS + waterway users, with Quality Partnership)
- Stronger planning collaborations with the Nation
- Federal focus on Climate Protection + enhanced local level resources + support (dockhouse + developer support)

THREATS

- Abandoned/derelict vessels + associated marine contaminants
- Cumulative impacts to literary functions + marine life (land use, industry + recreational activities)
- Loss of marine sustainability (river/channel) sedimentation, development pressure (land use, coastal erosion)
- Sea Level Rise/Climate Change (increased flood risk, coastal erosion)
- Reduced local employment levels

Add your ideas

Marine Action Strategy
SQUAMISH



Welcome!

Squamish Marine Forum
January 24 2018 | 6:30 PM-9:00 PM
Squamish Adventure Centre
38551 Loggers Lane

6:30-8:00 PM 'Salt Life' Panel Presentation
Hear a collection of locals share their values, perspectives, challenges and opportunities in our marine realm, as we come together to support and steward marine assets in Squamish.

8:00-9:00 PM Marine Expo + Activities
Learn about and contribute to the development of a Marine Action Strategy (MAS) that aims to mobilize shared leadership and identify priorities and actions in a variety of marine focus areas. Provide resources that provide ecological services and social, cultural, health and economic benefits to our coastal community.

Participate in our Marine Survey @ www.squamish.ca/marinestrategy

For more information - Sarah McLeod, Planner | District of Squamish Community Planning & Infrastructure
604.815.5266

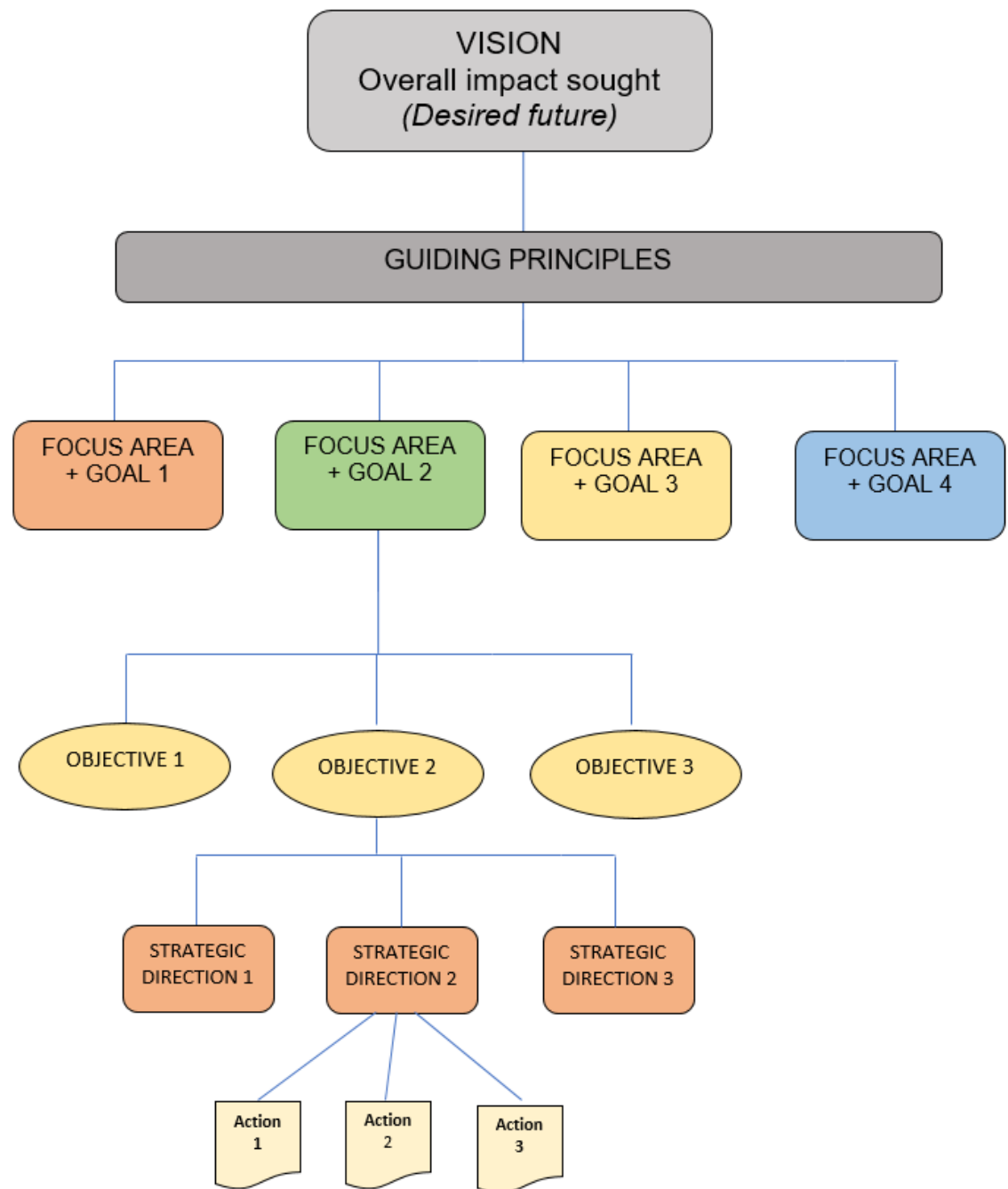
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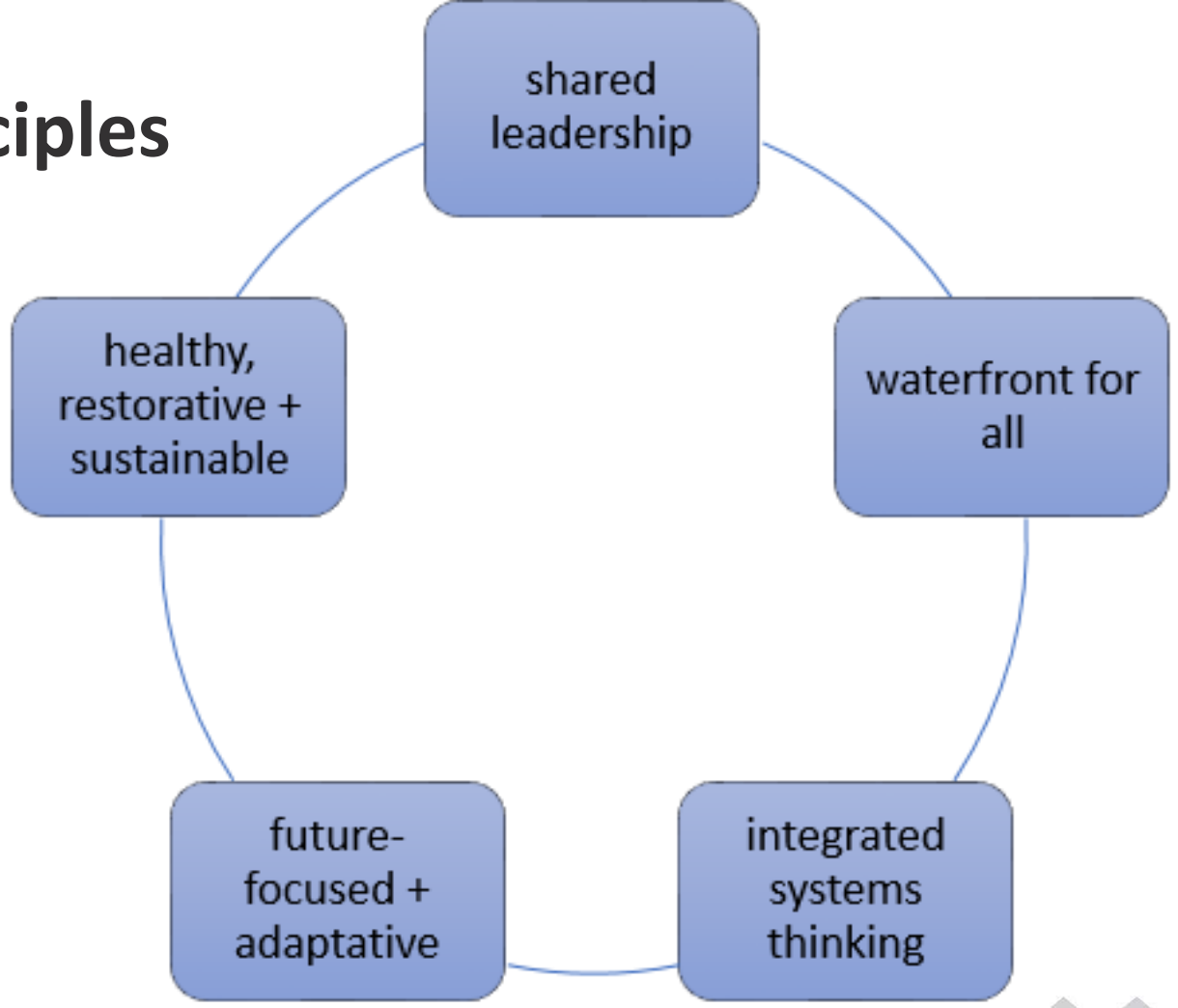
Marine Action Strategy



Framework



Guiding Principles



Marine Action Strategy



Focus Area 1



Governance + Shared Leadership

Mobilize shared leadership to enhance coordination and good governance of the marine environment.

Focus Area 2



Coastal Ecosystems

Support stewardship and the protection of the marine environment and our local coastal ecosystems.

Focus Area 3



Marine Economy

Support a thriving marine economy and working waterfront in harmony with community social, cultural, environmental and economic aspirations.

Focus Area 4



Marine Gateway

Enhance the community's connection to the water through an improved, safe and accessible gateway to our local marine environment for the social, cultural and recreational enjoyment of residents and visitors alike.

From Broad Aims to Focused Actions

Broad Objectives + Desired Outcomes

STRATEGIC DIRECTIONS

Focused Actions

- Informant Interviews
- Agency Outreach
- Internal Working Group
- Focus Group 1
- Marine Forum
- Marine Survey
- Council Checkpoint
- Focus Group 2
- Internal Working Group
- Agency Outreach
- Council Endorsement

WHO WILL LEAD / HELP?

RESOURCING?

WHEN DO WE START/ END?

Marine Action Strategy

Marine Actions

- Identified + developed through the engagement process
- Organized by Action/Focus Area (4) and prioritized (Immediate, Short Term and Medium to Long)

Marine Actions	Desired Outcome	Lead	Support	Dependencies	Timeline	Status
Governance and Shared Leadership						
I. Convene a working group to explore shared jurisdiction, leadership models, interest and opportunities (A1).	Facilitate effective ecosystem-based marine planning, management and coordination (section 1.1.1).	District (Planning) Squamish Nation	Other governments and cross-sector participation		S	To be initiated
II. Investigate potential for expanded harbour authority role and responsibility within the "Inner Harbour" (Mamquam Blind Channel) - Explore community models and terms of reference for management of day to day marine activities. - Explore the opportunity for expanded education and enforcement capacity and services supported by policy, bylaws and resources. - Explore management funding and revenue models covered in (B1-3).	Establish and maintain local marine-related coordinating bodies with clear terms of reference (1.2.1).	District	District Harbour Authority		M	To be initiated
Coastal Ecosystems						
III. Regulatory tools for marine conservation: Establish specific marine habitat protection goals.	Support conservation and protection of the natural marine	District (Environment)	District (Planning), Stewardship groups, CORI	OCP in progress zoning to initiate in 2018	M	Underway

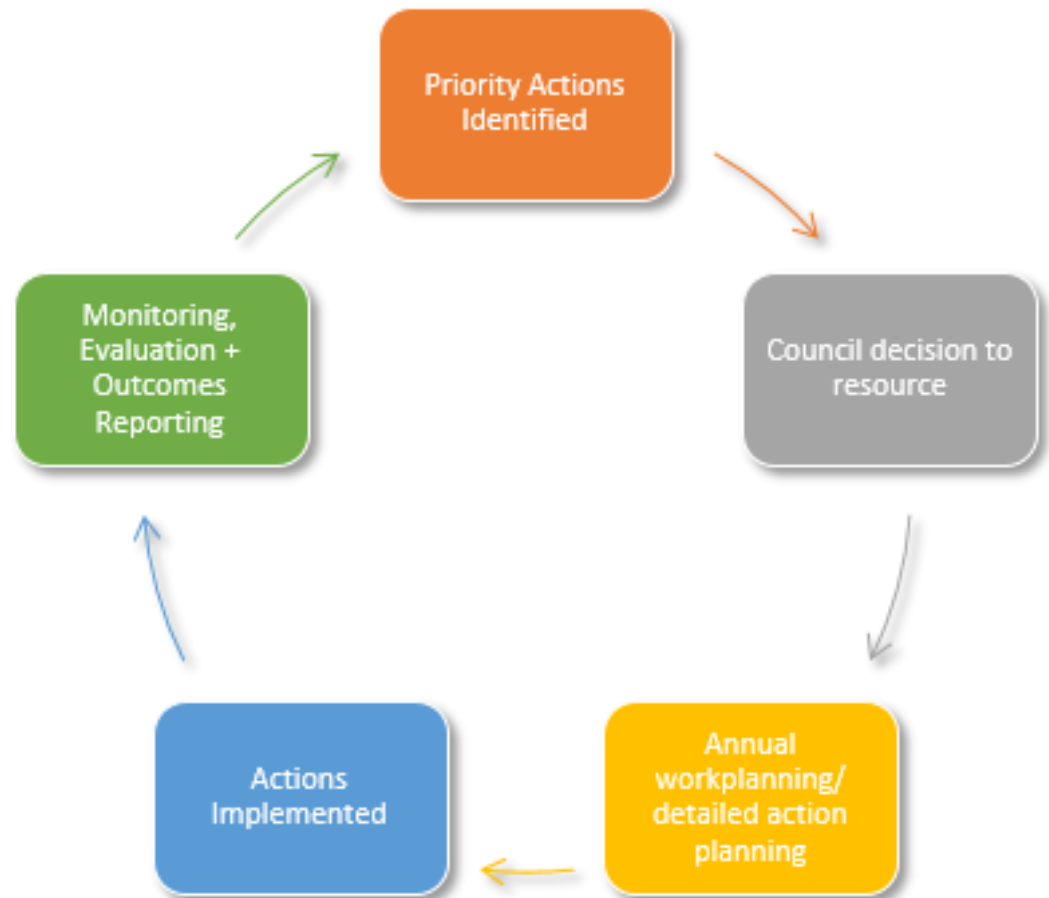


Marine Action Strategy



Implementation

- Clarifies roles, responsibilities
- Some actions driven/lead by DOS
- Some dependent on others to lead
- Focus is on jointly-held priorities where we want to set collective action/resources



Marine Action Strategy



Next Steps

- Agency + First Nations outreach + further invitation to provide input
- Refine Actions + Implementation
 - Gaps
 - Who should lead? Who should be involved?
 - Affirm priorities:
 - High priority = 2018 – 2020 (1- 3 years)
 - Medium priority = 2021 – 2023 (4 – 6 years)
 - Low priority = 2024 – 2026 (> 6 years)
- Complete and present final draft MAST to Council for approval in June



Marine Action Strategy



Thank you

www.squamish.ca/marine

MASt Working Draft - VISION

Squamish supports and celebrates its connection to the ocean, as a source of life and vitality, sustaining our coastal community across generations. Shared marine resources are responsibly stewarded and enhanced so natural systems in Howe Sound thrive, in tandem with industry, economy, tourism + recreational opportunities that depend on a healthy marine ecosystem, and access for all.



Marine Action Strategy





Coastal / Marine Planning

10.11 Objectives

- a. Recognize, value and promote ecosystems and marine environments.
- b. Protect, restore and enhance the ecology of coastal and near shore areas.
- c. Work collectively within the region to support marine activities within Howe Sound.

10.12 Policies

- a. Develop and implement a Marine Action Strategy that identifies resource local actions for protecting and maximizing marine resources as important assets providing valuable cultural and economic benefits.
- b. Continue to build partnerships and collaborate to improve waterfront and marine areas. Establish a Marine Action Strategy and align efforts of all coastal stakeholders and authorities and interests in the local marine environment.
- c. Play a proactive leadership role and work with First Nations governments to monitor and address marine issues such as mooring, derelict vessels, and ship and non-point source pollution in the environment.



Marine Action Strategy

