



Howe Sound

Art by Di
<https://artbydi.ca/>

Action Plan

The full Report includes many actions needed on specific issues. The following Action Plan includes items that were common across many of the themes and articles in the Report. If implemented, these actions can boost the assessment ratings for Howe Sound.

This Action Plan will need to be accompanied by an Implementation Plan that outlines specific activities, partners, resources, and timelines in the next two years to accelerate recovery and continued abundance in Howe Sound.

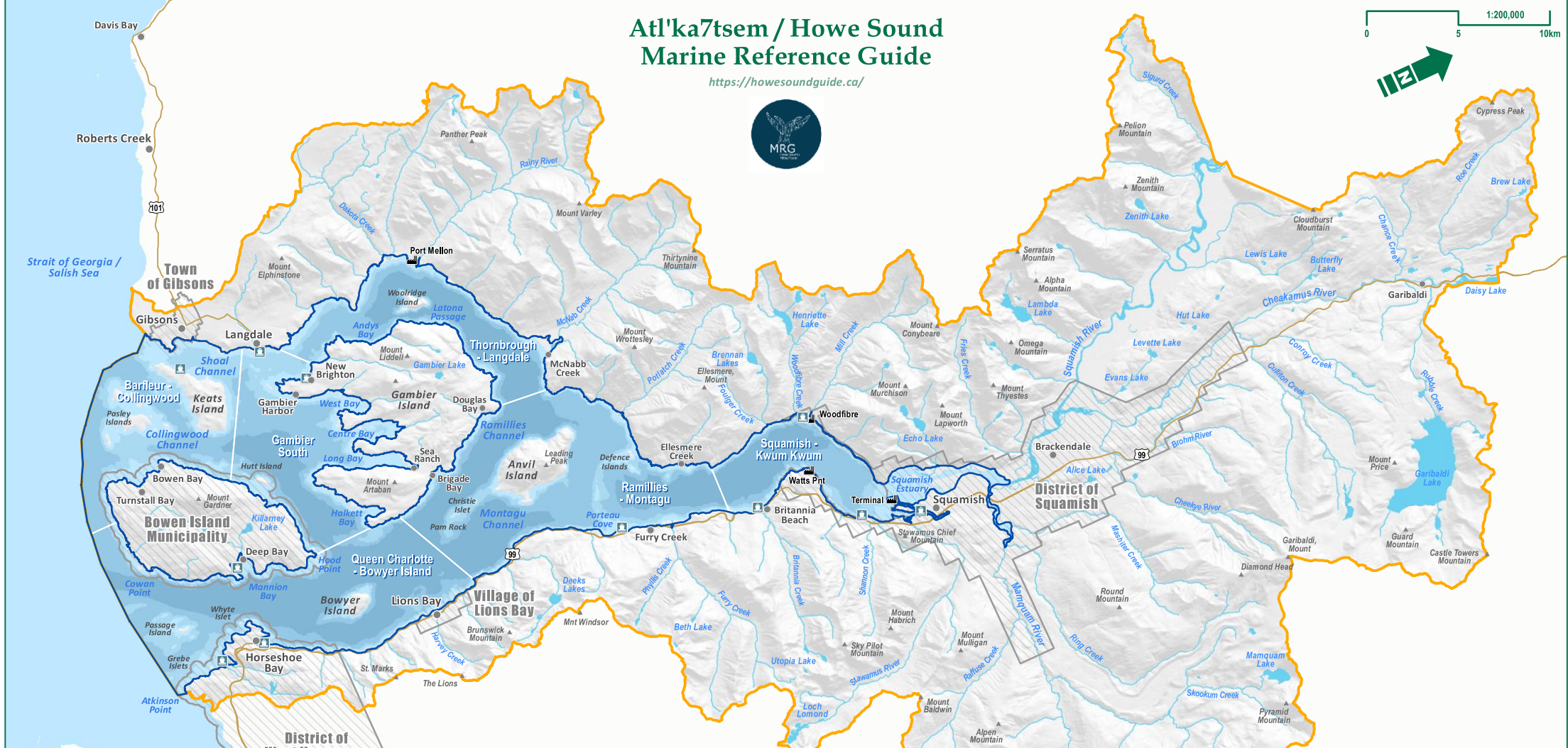
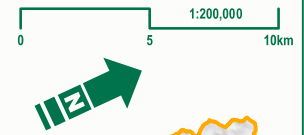
Action 1

Create a Marine Guide that brings together information about the area.

1. Identify areas of significant ecological and/or human value, and create recommendations related to their use.
2. Serve as a unified information source for planning and decisions by all levels of government (e.g., marine use planning, new tenure placement, foreshore development, protected area planning, oil-spill response planning, hazard planning and management, cultural sites, etc.) while respecting their jurisdictions.
3. Provide a platform for sharing monitoring and model results (e.g., contamination levels, models of potential climate change impacts, etc.).
4. Provide best practices and resources for businesses, residents and managers in protecting significant values (e.g., protecting marine mammals, eagle nests, functioning shoreline habitat, etc.).

Atl'ka7tsem / Howe Sound Marine Reference Guide

<https://howesoundguide.ca/>



Our goal is to create resources and decision-support tools that inform marine spatial planning and community education associated with the ocean and freshwater in Howe Sound/Átl'ka7tsem





Photo Credit:
Adam Taylor

Research & Tool Creation

Relationship Building

Community Engagement



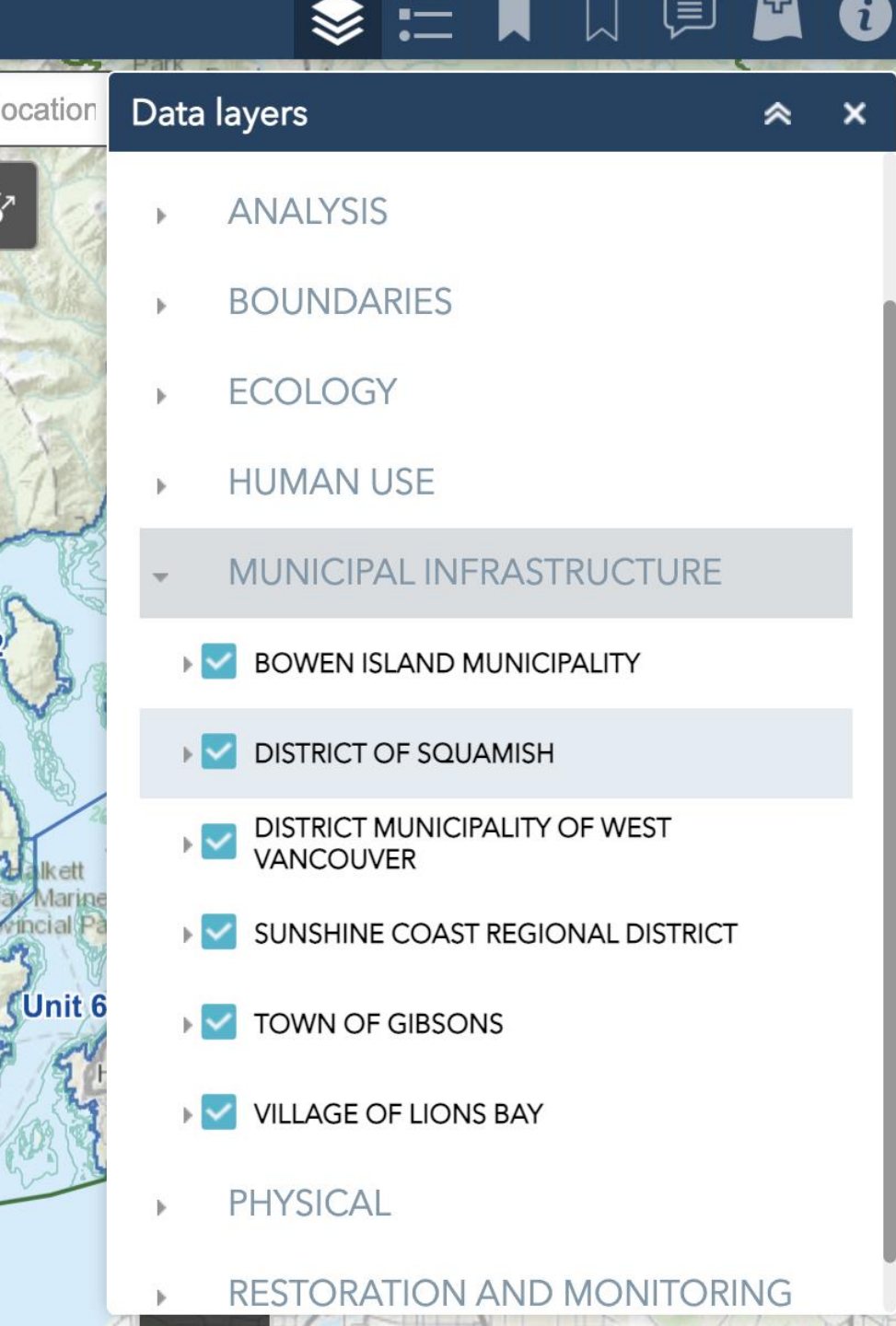
Research & Tool Creation

1. Two initial deliverables

- 1. Online interactive map --- 95% complete



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One nature.



Research & Tool Creation

1. Two initial deliverables

1. Online interactive map --- 95% complete



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Howe Sound/Átl'ka7tsem Marine Reference Guide

Marine Unit 4 Report

Draft, last updated Nov 2020

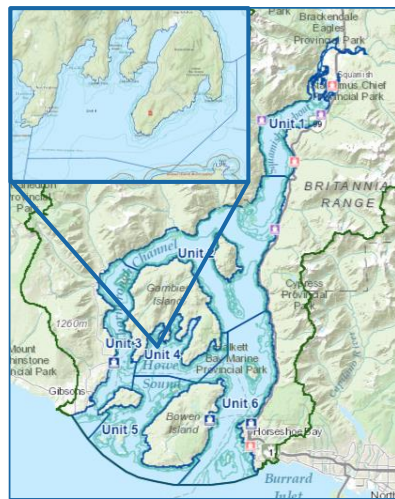
MARINE UNIT 4 – Name

Purpose statement:

This report's objective is to support informed decision-making, marine spatial planning, and community education in Howe Sound/Átl'ka7tsem, British Columbia. Átl'ka7tsem is one of the Squamish Nation place names for this region and describes paddling out of the fjord from Squamish toward the Salish Sea.

In this report you will find information about the main values and attributes associated with Marine Unit 4, as well as areas of potential conflict and compatibility, best practices, and strategies to protect values in the face of growing pressures. The content was created through a community-based and participatory knowledge gathering process led by the Guide.

Disclaimer: Please note that the information contained within this report is non-binding and reflects the best available knowledge at the time of its creation. This report was last updated November 2020.



Marine Unit 4 is located in the centre of Átl'ka7tsem, south of Gambier Island / Chá7elkwnech and north of Bowen Island / Nexwíéłxwem.

Marine Unit Summary:

(Insert Squamish value/story, e.g. what does the place name Chá7elkwnech mean? Can include phonetic pronunciation here too for the Squamish place names). The region falls largely within the Islands Trust's jurisdiction, with a small area in the south that overlaps with Bowen Island Municipality's jurisdiction. The water that extends from Gambier's three long bays to Bowen's shoreline is some of the most sheltered and protected in Átl'ka7tsem, making this marine unit popular for log storage (mostly historic) and recreational boating. The population density here is among the lowest in the Sound, as West Bay is the only portion that is connected to the grid. The majority of the development is residential, situated along the shoreline, and owned by seasonal visitors. The water between Gambier and Bowen supports commercial shrimp and prawn fisheries, and important transportation routes used by BC Ferries and water taxis. Here you can find iconic economically and ecologically important species, including glass sponge reefs, eelgrass, Pacific salmon, marine birds, and marine mammals. People characterize the region as *(insert a few characterizations, e.g. rural, cabin)*. The main pressures to the ocean-based values include historic habitat degradation, urbanization, and climate change.

(Insert a few more quotes, photos, stats to this summary)

(Do we want to do a 'Unit Emphasis' like West Coast Aquatic did? E.g. Community, Integrated Marine Use, Conservation)

Research & Tool Creation

1. Two initial deliverables

- | | | |
|---------------------------|-----|--------------|
| 1. Online interactive map | --- | 95% complete |
| 2. Narrative documents | --- | 30% complete |



THE UNIVERSITY OF BRITISH COLUMBIA

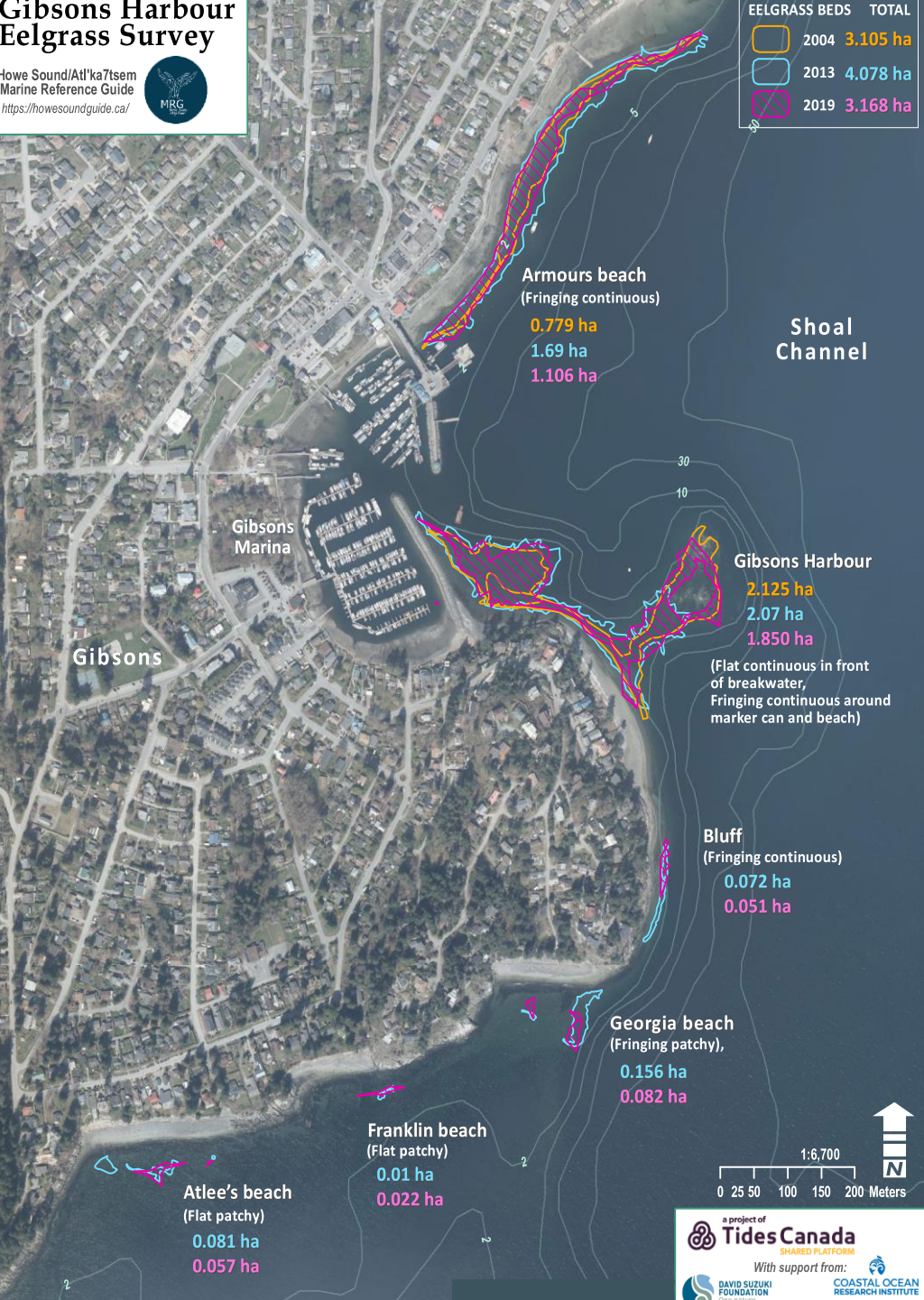


Gibsons Harbour Eelgrass Survey

Howe Sound/Atl'ka7sem Marine Reference Guide
<https://howesoundguide.ca/>



EELGRASS BEDS	TOTAL
2004	3.105 ha
2013	4.078 ha
2019	3.168 ha



Research & Tool Creation

1. Additional activities

1. Fill knowledge gaps

Plankton
 Herring
 Eelgrass





Relationship Building & Community Engagement

1. Squamish Nation MOU
2. Intergovernmental collaboration
 1. Training workshops
3. Roundtable collaboration
 1. Steering Committee
4. Community events



Art credit:
Ryan Nickerson

Succession

1. Phase 1: 2018-2021
2. Phase 2: 2022-2027
 1. Howe Sound/Atl'ka7tsem Biosphere Region Initiative
 2. Partner organizations (e.g. MakeWay)
3. Local & Regional Government support

Ocean Watch Action Committee request

Cost-share breakdown

Appendix 3: Proposed cost-share breakdown for Phase 2, 2022-2027*

Local govt	Popltn**	% contribution to regional popltn	Annual financial contribution	Estimated contribution over 5 years
Bowen Island	3,982	3.56	\$711.15	\$3,555.74
Gibsons	4,816	4.30	\$860.09	\$4,300.46
Lions Bay	1,357	1.21	\$242.35	\$1,211.74
Sunshine Coast	2,554	2.28	\$456.15	\$2,280.75
Regional District				
Squamish	21,273	19.00	\$3,799.16	\$18,995.80
Squamish-Lillooet	1,727	1.54	\$308.38	\$1,541.91
Regional District				
Islands Trust	4,000	3.57	\$714.36	\$3,571.81
Metro Van	28,474	25.43	\$5,085.17	\$25,425.96
Regional District				
West Vancouver	43,805	39.12	\$7,823.17	\$39,115.83
Total	90,837	100	\$20,000	\$100,000

Art credit:
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Request to HSCF members

1. Include contributions toward Phase 2 of the Howe Sound/ Átl'ka7tsem Marine Reference Guide, which will be under the purview of the Átl'ka7tsem /Howe Sound Biosphere Region Initiative Society, in your 5-year financial plans, as outlined in [Appendix 3](#)
2. Include contributions toward the Guide via the Átl'ka7tsem /Howe Sound Biosphere Region Initiative Society in your annual budgets each year from 2022-2027, as outlined in [Appendix 3](#)

Thank you



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Ragged Rock Madrone

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A project of
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