



# *Elaboration of* Canada-Chile Shorebird Action Plan

*Elaboración del Plan de Acción Canadá-  
Chile para las Aves Playeras*

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7 November 2025

Noviembre 7, 2025





Midcontinent  
Shorebird  
CONSERVATION INITIATIVE

Strategic  
Framework



PACIFIC AMERICAS SHOREBIRD  
CONSERVATION STRATEGY



December 2016

PLAN DE ACCIÓN PARA LA  
**CONSERVACIÓN DE  
AVES PLAYERAS**  
EN CHILE



ENC

Atlantic Flyway  
Shorebird Initiative

*A Business Plan*

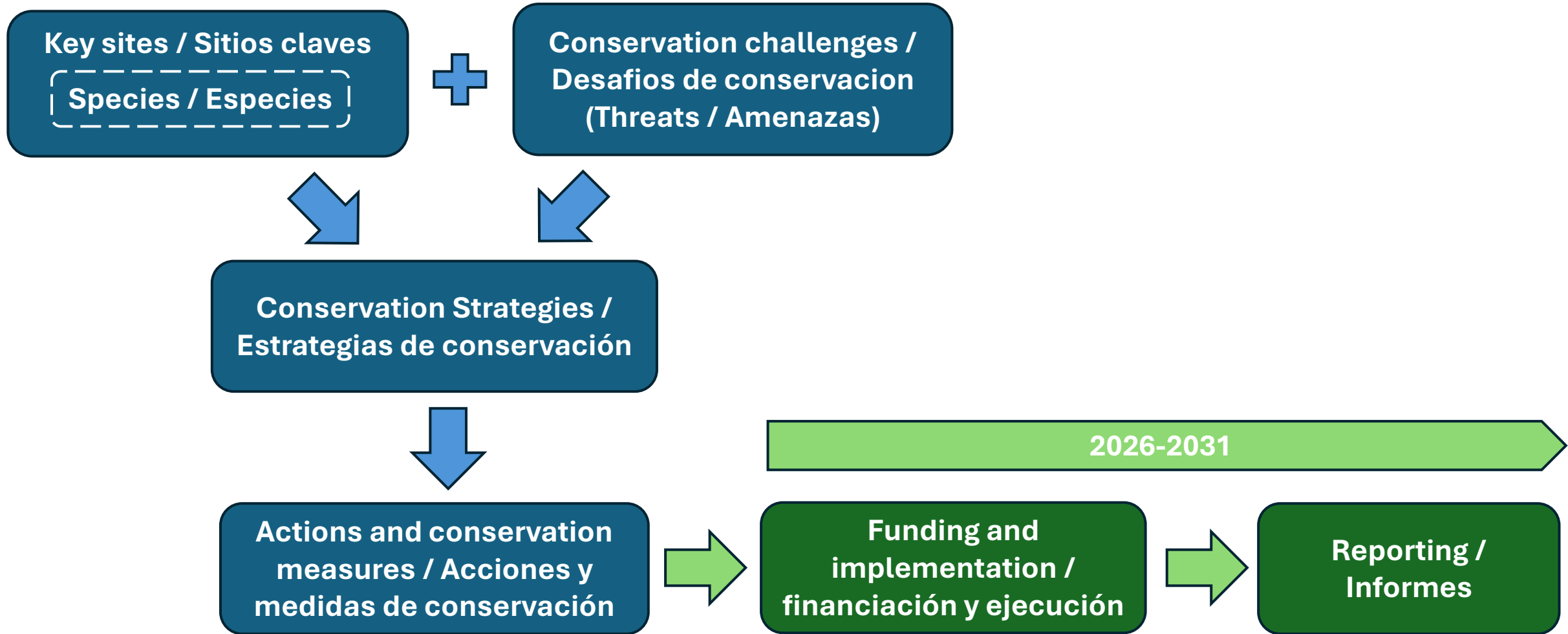
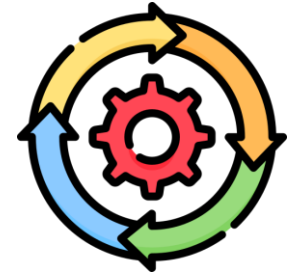


February 2015

## Approach and Objectives

## Enfoque y objetivos

- Improve status of shared shorebird populations:
  - Step down from Hemispheric Strategies and National Conservation Plans
  - 5-year timeframe (2026-2031)
  - Through achievable, measurable actions
- Mejorar el estado de las poblaciones compartidas de aves playeras:
  - Derogar las estrategias hemisféricas y los planes nacionales de conservación
  - Plazo de cinco años (2026-2031)
  - Mediante acciones viables y cuantificables





# Species and Sites

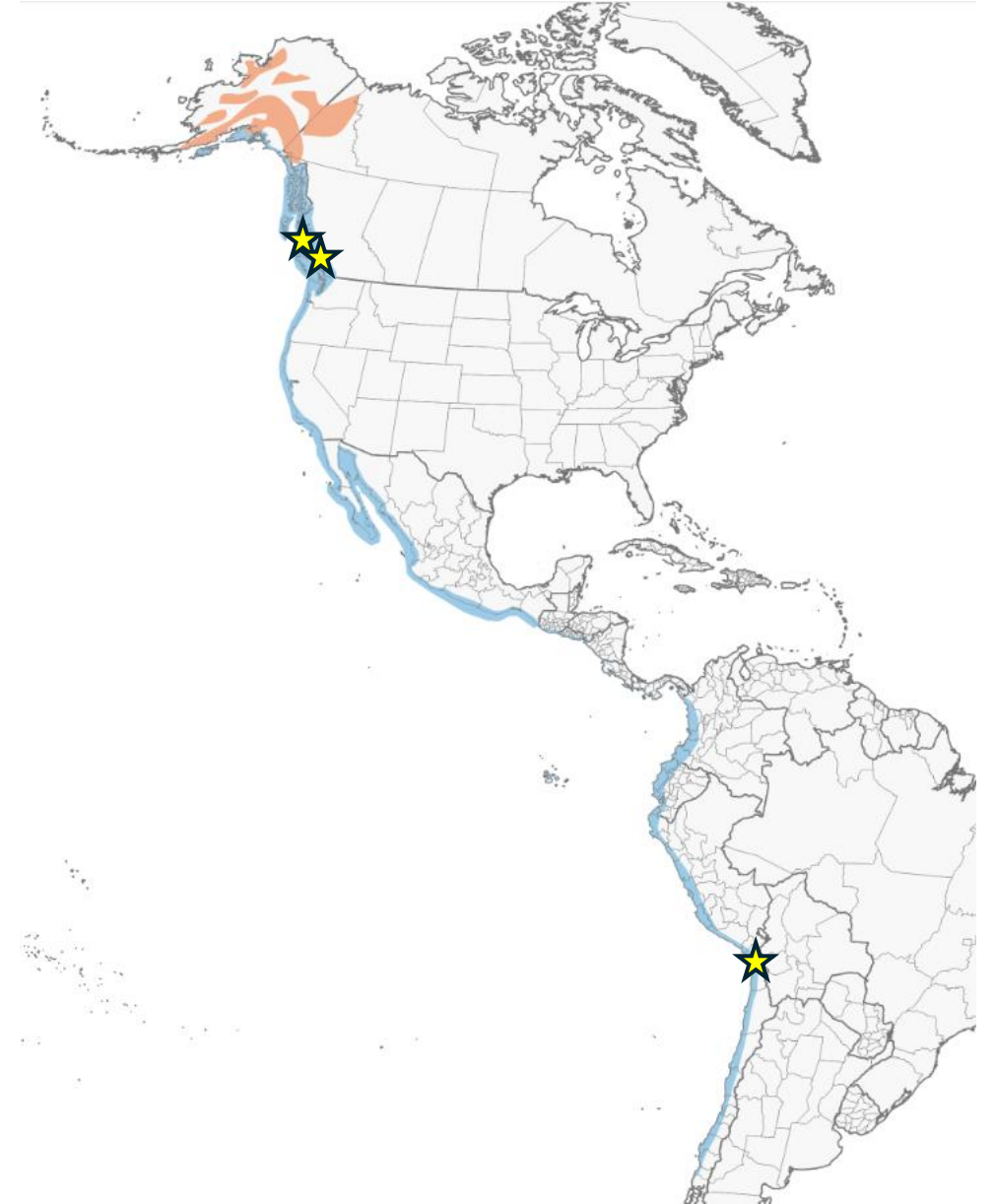
Especies y sitios

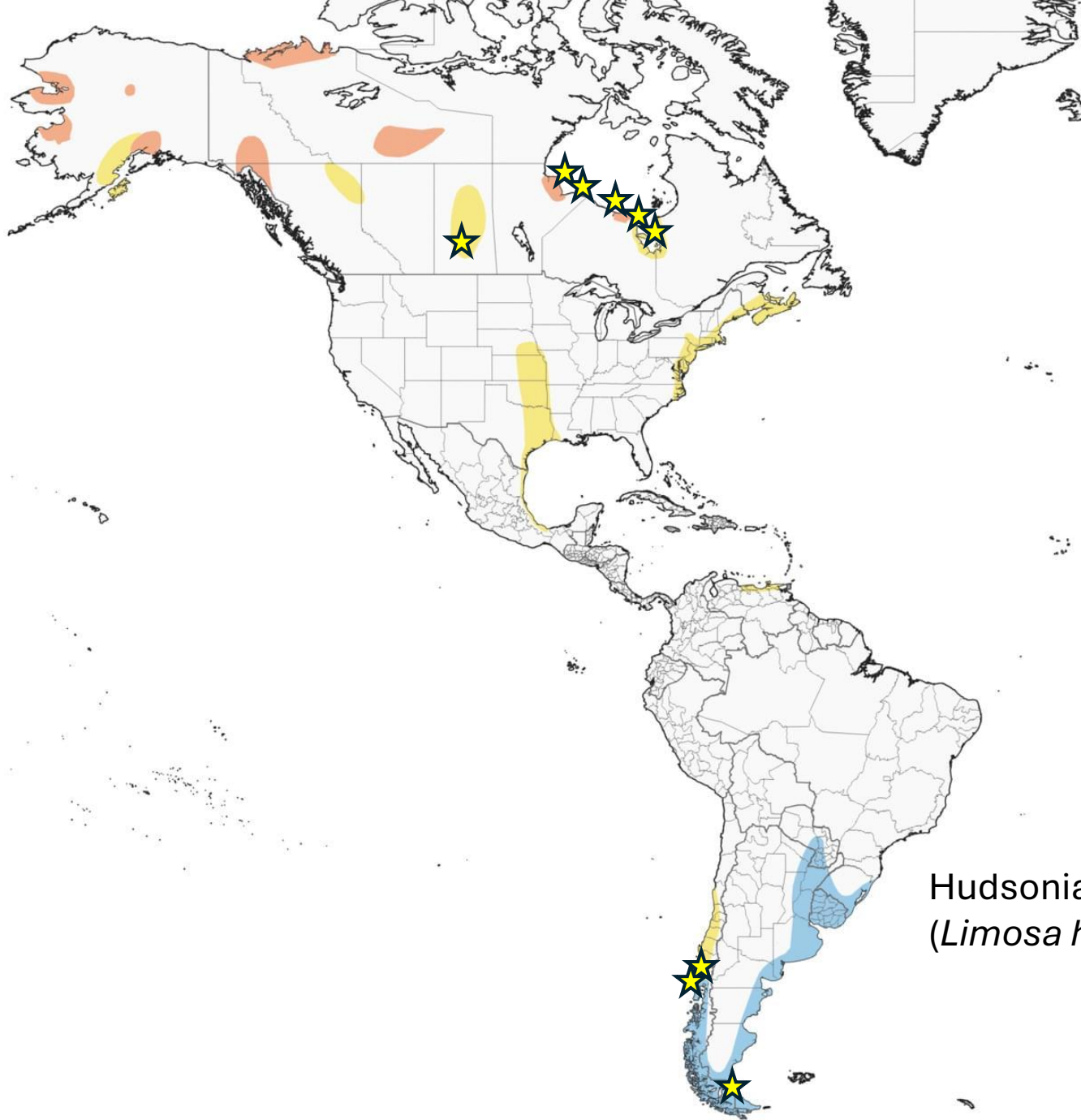
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Surfbird  
(*Calidris  
virgata*)

- Bella Bella and Klemtu (CAN)
- Sunshine Coast (CAN)
- Arica region (CHI)





Hudsonian Godwit  
(*Limosa haemastica*)

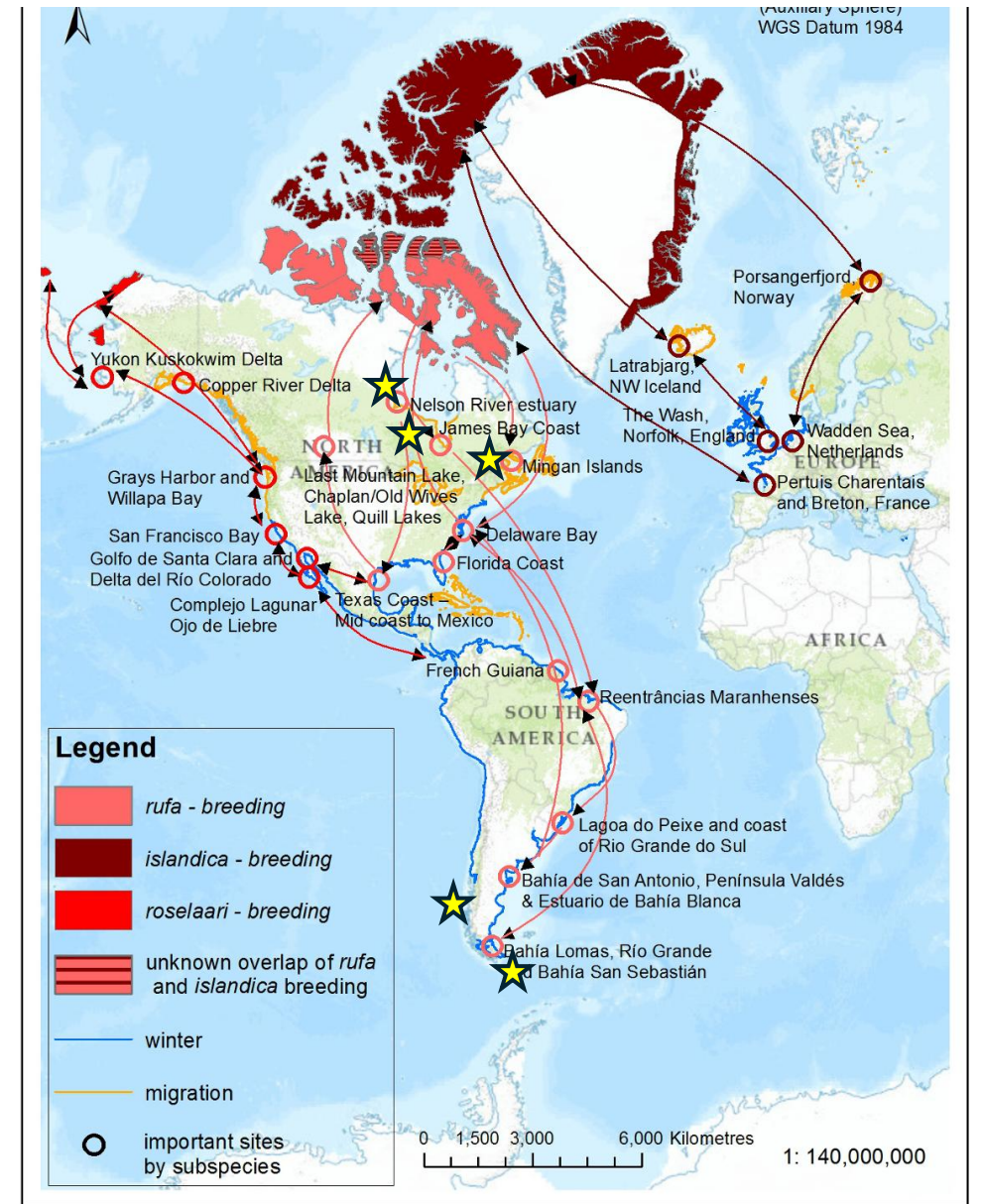


- Chaplin Lake (CAN)
- Hudson and James Bay (CAN) 🥚
  - Churchill Area
  - Nelson River Estuary
  - Albany River Estuary
  - Akimiski Island and Strait
  - Pei lay sheesh kow
- Maullin wetlands (CHI)
- Chiloé Island (CHI)
- Bahia Lomas (CHI)



## rufa Red Knot (*Calidris canutus rufa*)

- Hudson and James Bay (CAN)
  - Nelson River Estuary
  - Albany River Estuary
  - Akimiski Island and Strait
  - Pei lay sheesh kow
- Mingan Archipelago (CAN)
- Chiloé Island (CHI)
- Bahía Lomas (CHI)



# Sites / Sitios

- Bella Bella and Klemtu (CAN)
- Sunshine Coast (CAN)
- **Chaplin Lake**<sup>M6</sup> (CAN)
- Hudson and James Bay (CAN)
  - Churchill area<sup>M5</sup>
  - Nelson River Estuary<sup>M2</sup>
  - Albany River Estuary
  - Akimiski Island and Strait<sup>M1</sup>
  - Pei lay sheesh kow<sup>M5</sup>
- Mingan Archipelago<sup>M2</sup> (CAN)
- **Arica region** (CHI)
- Maullin wetlands (CHI)
- Chiloé Island (CHI)
- **Bahia Lomas**<sup>M1</sup> (CHI)

Bold = WHSRN, Mx = Motus (#)



# Desafíos de conservación / Conservation challenges

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## Pérdida y degradación del hábitat

Desarrollo, gestión del agua y perturbaciones



## Habitat loss and degradation

Development, water management and disturbance

## Lagunas de conocimiento

Distribución y abundancia de las especies, conectividad, impactos de amenazas



## Knowledge gaps

Species distribution and abundance, connectivity, impact of threats

## Hidrógeno verde

Colisiones, desplazamiento



## Green Hydrogen

Collisions, displacement

## Cambio climático

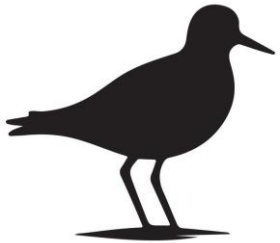
Aumento del nivel del mar, erosión, tormentas y sequías



## Climate Change

Sea-level rise, erosion, storms and droughts

# Question and discussion on process and targets



- Objective 1: agree on the proposed approach and format
- Objective 2: agree on the proposed species, sites and conservation challenges
  - Are changes needed, or should **species, sites** or **challenges** be deleted or added?
  - How can we strengthen the link with other **international commitments** (e.g. Global Biodiversity Framework, 30x30)



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- Objetivo 1: acordar el enfoque y el formato propuestos
  - Objetivo 2: acordar las especies, los sitios y los retos de conservación propuestos
    - ¿Es necesario realizar cambios, o se deben eliminar o añadir **especies, sitios** o **retos**?
    - ¿Cómo podemos fortalecer el vínculo con otros **compromisos internacionales** (por ejemplo, el Marco Mundial para la Diversidad Biológica, 30x30)?

# Strategies / Estrategias

## 1) Design and implement studies to fill priority conservation gaps

- Build partnerships for tracking studies
- Expand Motus network
- Assess vulnerability and model climate change impacts

## 2) Develop and maintain long-term monitoring programs

- Enhance data management systems
- Expand data collection, including through citizen science initiatives

## 3) Improve stewardship and protection of key sites

- Raise local awareness and support engagement
- Nominate sites for regional or international recognition
- Develop and implement site management plans

## 4) Strengthen collaboration and coordination

- Maintain regular communication and information sharing
- Facilitate opportunities for in-person or virtual meetings
- Promote knowledge exchange and technical capacity-building

## 1) Diseñar y llevar a cabo estudios para subsanar las deficiencias prioritarias en materia de conservación

- Establecer alianzas para realizar estudios de seguimiento
- Ampliar la red Motus
- Evaluar la vulnerabilidad y modelar los efectos del cambio climático

## 2) Desarrollar y mantener programas de monitoreo a largo plazo

- Mejorar los sistemas de gestión de datos
- Ampliar la recopilación de datos, entre otras cosas mediante iniciativas de ciencia ciudadana

## 3) Mejorar la administración y la protección de los sitios clave

- Sensibilizar a la población local y fomentar su participación
- Proponer sitios para su reconocimiento regional o internacional
- Desarrollar e implementar planes de gestión de sitios

## 4) Fortalecer la colaboración y la coordinación

- Mantener una comunicación regular y compartir información
- Facilitar oportunidades para reuniones presenciales o virtuales
- Promover el intercambio de conocimientos y el desarrollo de capacidades técnicas

# 1) Design and implement studies to fill priority conservation gaps

| Action and conservation measures   | Target species and/or sites                                       | Estimated cost      | Timeframe | Lead                                       | Primary Partners involved | Expected Outcomes  |
|--|---|---------------------|-----------|--|---------------------------|--|
| <b>1.1 Document northbound migration of Surfbird originating from Chile</b>                              | Surfbird  |                     |           | Canadian Wildlife Service – Pacific Region | ROC                       | At least one peer-reviewed paper published   |
| <b>1.2 Understand REKN and HUGO movement to/from Bahia Lomas and potential impacts of green hydrogen</b> | REKN, HUGO at Bahia Lomas   |                     |           | Bahia Lomas Center                         |                           | 15 satellite devices deployed on REKN and/or HUGO.<br><br>At least one peer-reviewed paper published |
| <b>1.3 Deploy at least 1 Motus at each priority site without Motus (i.e. 6 sites have no Motus)</b>      | All species and all sites without Motus coverage                  | \$30,000 USD        |           |  |                           | 6 new Motus stations total deployed at 6 key sites   |
| <b>1.4 Increase number of Motus nanotags deployed on non-breeding REKN and HUGO</b>                      | REKN, HUGO at Hudson and James Bay, Chiloé Island and Bahia Lomas | \$40,000 USD (tags) |           |  |                           | 200 nanotags deployed on REKN and/or HUGO.   |
| <b>1.5 Model the impact of climate change at the most vulnerable key sites</b>                           |   |                     |           |  |                           |  |

# Question and discussion - Strategies and actions



- Objective: agree on the proposed strategies and actions
  - Are changes needed, or should strategies or actions be deleted or added? E.g. major knowledge gaps, urgent threats, etc.
  - What should be captured in the actions table (**what, who, when and how**)?
  - Are there **actions already underway** that could/should be included?
  - How can we **increase coordination** beyond what each organization is doing independently?



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- Objetivo: acordar las estrategias y acciones propuestas
    - ¿Es necesario realizar cambios, o se deben eliminar o añadir estrategias o acciones? Por ejemplo, lagunas importantes de conocimiento, amenazas urgentes, etc.
    - ¿Qué se debe incluir en la tabla de acciones (**qué, quién, cuándo y cómo**)?
    - ¿Hay **acciones ya en marcha** que podrían o deberían incluirse?
    - ¿Cómo podemos **augmentar la coordinación** más allá de lo que cada organización está haciendo de forma independiente?

## 2) Develop and maintain long-term monitoring programs

| Action and conservation measures                                      | Target species and/or sites | Estimated cost | Timeframe | Lead | Primary Partners involved | Expected Outcomes |
|---|-----------------------------|----------------|-----------|------|---------------------------|-------------------|
| 2.1 Centralize survey data and improve data management                |                             |                |           | ROC  |                           |                   |
| 2.2 Improve data collection on target species through citizen science |                             |                |           |      |                           |                   |
| 2.3 Establish shorebird monitoring programs at key sites              |                             |                |           |      |                           |                   |

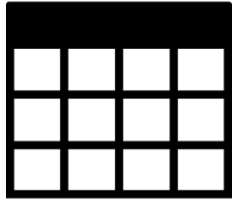
### 3) Improve stewardship and protection of key sites

| Action and conservation measures  | Target species and/or sites | Estimated cost | Timeframe | Lead                      | Primary Partners involved | Expected Outcomes  |
|---|-----------------------------|----------------|-----------|---------------------------|---------------------------|--|
| <b>3.1 Seek WHSRN designation for all priority sites</b>  | Sunshine Coast              |                |           | Canadian Wildlife Service |                           | 100% of sites have been proposed for a WHSRN nomination                              |
| <b>3.2 Develop site management plans for shorebirds</b>   |                             |                |           |                           |                           | 80% of sites have a biodiversity management plan that explicitly consider shorebirds |
| <b>3.3 Raise awareness and connect schools/communities with Rufus/Bico comic books and Shorebird Curriculum</b> |                             |                |           |                           |                           | Number of schools, classrooms and students exposed to material                       |
| <b>3.4 Something related to ConservaAves???</b>   |                             |                |           |                           |                           |  |

# 4) Strengthen collaboration and coordination

| Action and conservation measures   | Target species and/or sites | Estimated cost   | Timeframe     | Lead | Primary Partners involved | Expected Outcomes   |
|--|-----------------------------|--|---------------|------|---------------------------|---|
| 4.1 Create a Surfbird ( <i>Calidris virgata</i> ) working group  | Surfbird                    | \$0 (in-kind participation to virtual meetings)                  | March 2026    | CWS  |                           |   |
| 4.2 Organize a symposium on Canada-Chile shared species and projects at the 2026 WHSG meeting                                |                             | Travel cost for attendance (covered by each agency/organization) | November 2026 |      |                           |   |
| 4.3 Implementing Pan American Shorebird Program (PASP) and improve banding permitting process                                |                             |  |               | CWS  |                           |   |
| 4.4 Organize a workshop on shorebird banding and monitoring (ground and/or aerial)   |                             |  |               |      |                           | Number of workshops organized, number of people trained/in attendance |
| 4.5 MMA and ECCC attend Shorebird Conservation Initiative Steering Committees (e.g. Midcontinent)                            |                             |  |               |      |                           | Number of meetings attended each by ECCC and MMA                      |
| 4.6 Organize a departmental exchange program (e.g. on National Protected Areas, law enforcement or emergency spill response) |                             |  |               |      |                           |   |

# Questions and discussion – Next steps



- Objective: agree on steps to finalize the Action Plan
    - Can we form a small team to finish writing the plan (**2-3 volunteers**)?
    - Should we organize a **workshop** to work on the actions table?
    - What is the **timeline** to finish the plan (January?) and get endorsement/signature (March?)
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- Objetivo: acordar los pasos para finalizar el Plan de Acción
  - ¿Podemos formar un pequeño equipo para terminar de redactar el plan (**2-3 voluntarios**)?
  - ¿Deberíamos organizar **un taller** para trabajar en la tabla de acciones?
  - ¿Cuál es **el plazo** para terminar el plan (¿enero?) y obtener el respaldo/firma (¿marzo?)