

# The Kelp Forest Alliance

A Global Home for Kelp Forests



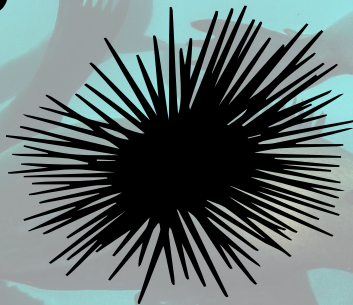
**KELP FOREST**  
ALLIANCE

# KELP FORESTS

(Laminariales)



# THREATS



40-60%  
degraded  
over 50  
years

# BENEFITS



**CO<sub>2</sub>**

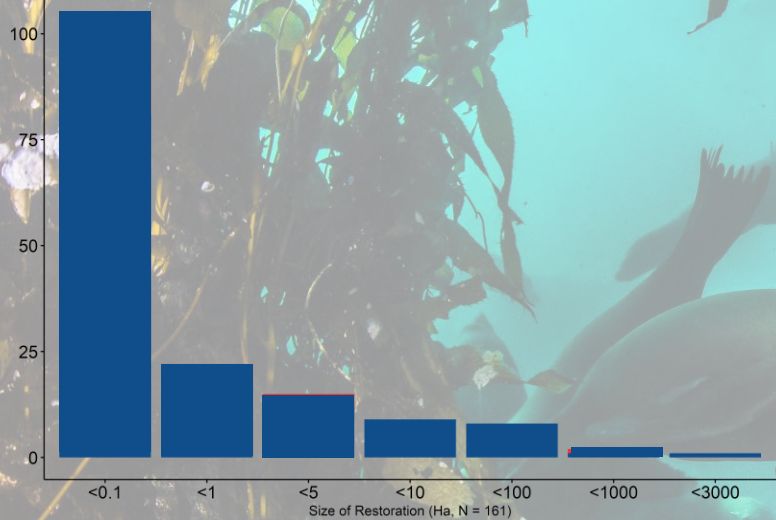


**\$64 -  
147,000/  
hectare/  
year**

# RESTORATION



# SMALL SCALE RESTORATION & LITTLE PROTECTION



~2% canopy kelp protected globally

Eger et al. 2021

Arafah-Dalmau (In Prep)

# BARRIERS TO SUCCESS



**Appreciation and Support**



**Funding**



**Knowledge and Expertise**

An underwater scene featuring a dense kelp forest. The water is a deep teal color, and sunlight filters through the top, creating a bright, shimmering effect. Numerous fish, including several large, dark-colored fish with white spots, are swimming throughout the scene. The kelp stalks are long and thin, reaching down from the surface. The overall atmosphere is serene and natural.

# What is The Kelp Forest Alliance

An underwater photograph of a kelp forest. In the foreground, a seal is swimming towards the camera, looking slightly to the left. The water is a deep teal color. In the background, other seals are visible, and the kelp stalks and leaves create a dense, textured environment. The lighting is soft, highlighting the seal's fur and the surrounding marine life.

# WHAT WE DO



Advance the preservation and restoration of the world's kelp forests and the benefits they provide.

# RESTORATION DATABASE

**KELP FOREST ALLIANCE**

**RESTORATION PROJECT** × **Greenland**

**University of Maine - Wells**

This study aimed to examine feedback mechanisms and alternate stable states in kelp ecosystems in Maine, USA. Specifically, it looked...

**ORGANISATION**  
University of Maine

**SPECIES:**  
Saccharina spp.

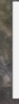
[View Project Details](#)



# STANDARDIZED DATA ENTRY

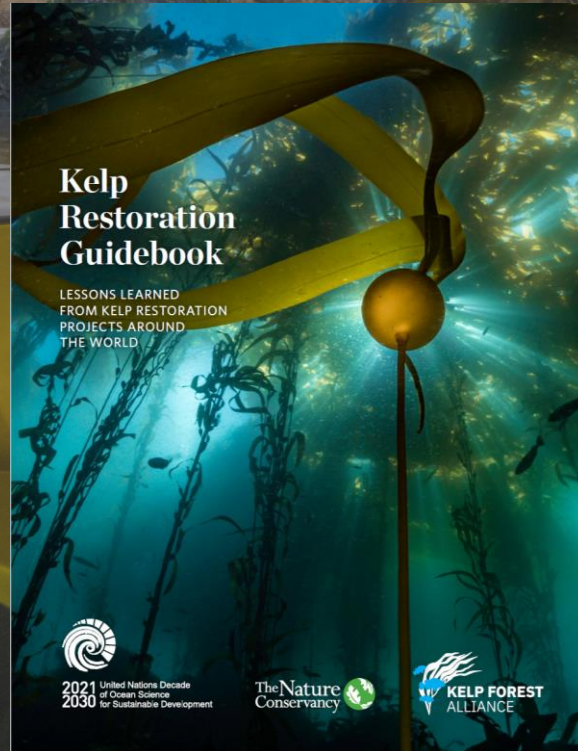


# GLOBAL NETWORK



- 427 people involved in kelp restoration
- Map of projects and activity
- Knowledge transfer and collaboration
- Enable working groups and sub chapters

# RESTORATION GUIDEBOOK



An underwater scene featuring a school of fish swimming through a dense field of yellowish-brown seaweed. The water is clear and greenish-blue. The fish are of various sizes and species, including several larger, spotted fish in the foreground. The text "Next Steps" is overlaid in the center in a white, sans-serif font.

# Next Steps

# GLOBAL CONSERVATION TARGETS



**BONN  
CHALLENGE**

**Build a Global Movement and Increase**

Awareness

Commitment

Funding

Support

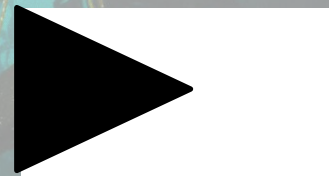
# LINKS TO OTHER INITIATIVES



UNITED NATIONS DECADE ON  
**ECOSYSTEM  
RESTORATION**  
2021-2030



Convention on  
Biological Diversity



UN Decades

Global Framework on  
Biodiversity

Other Regional  
Initiatives

# WHAT IS A KELP



Laminariales



Fucales

# WHAT ACTIVITY COUNTS

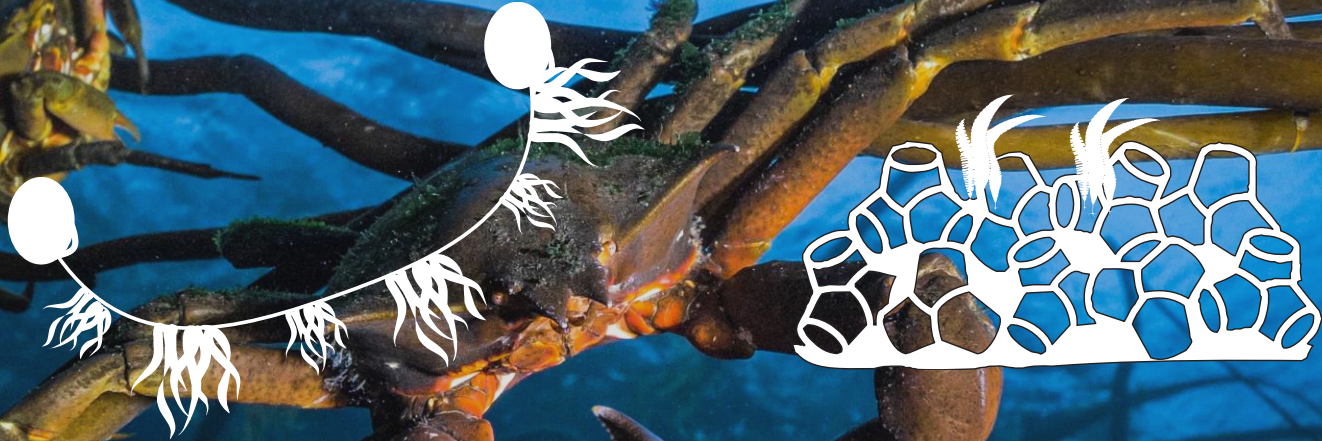
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Protection  
and  
Restoration

# WHAT DOES NOT

|



Creating New Habitat

# WHAT IS REPORTED

|



# WHO CAN PARTICIPATE



Industry



Universities



International

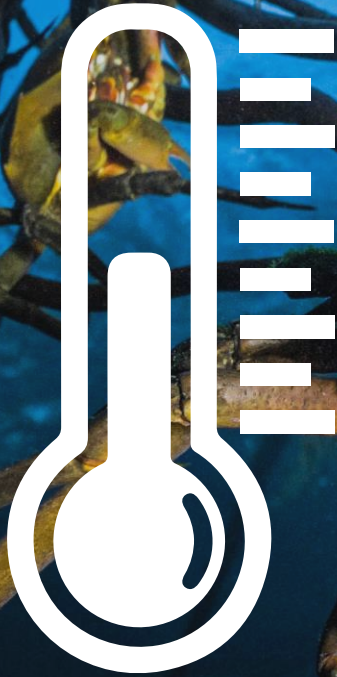


Government



NGO & Community

# HOW IS IT TRACKED



## Restoration Projects

**14560**

.....  
Area Under  
Restoration (ha)

**191**

.....  
Number of  
Restoration Projects

**364**

.....  
Size of Community  
(People)

# GETTING TO A TARGET

Online Consultation  
Workshops (x4)

Secure Initial  
Pledges

Announce Target at  
Restoration Summit  
&  
Host Roadmap  
Workshop

Gather Signatories,  
Track Restoration,  
Collaborate

Expand and Evolve  
2030 & 2040

Now - February 2023

Feb. 19<sup>th</sup>

Post Launch

# NEXT STEPS



**Next Workshops**

Feb 19<sup>th</sup>  
In Person and Online



**Pledges and Support**

Reach out with ideas



**Working Groups**

Begin brainstorming



The Nature  
Conservancy



CMSI  
CENTRE FOR MARINE  
SCIENCE & INNOVATION

**Thank You!**  
**Follow Up Meeting Weds at 5:45 PM**

Join Us: [bit.ly/KFAJoin](https://bit.ly/KFAJoin)

[kfa@kelpforestalliance.com](mailto:kfa@kelpforestalliance.com)

