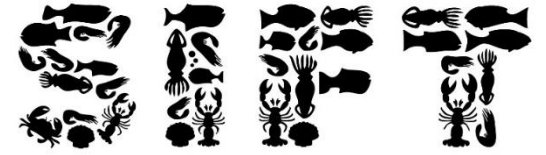


# Protecting Scotland's Kelp from Mechanical Dredging:

A Case Study in achieving cross-party  
political support for legislative change in  
the marine environment

Alex Watson Crook, Projects Manager at the Sustainable Inshore Fisheries  
Trust (SIFT)

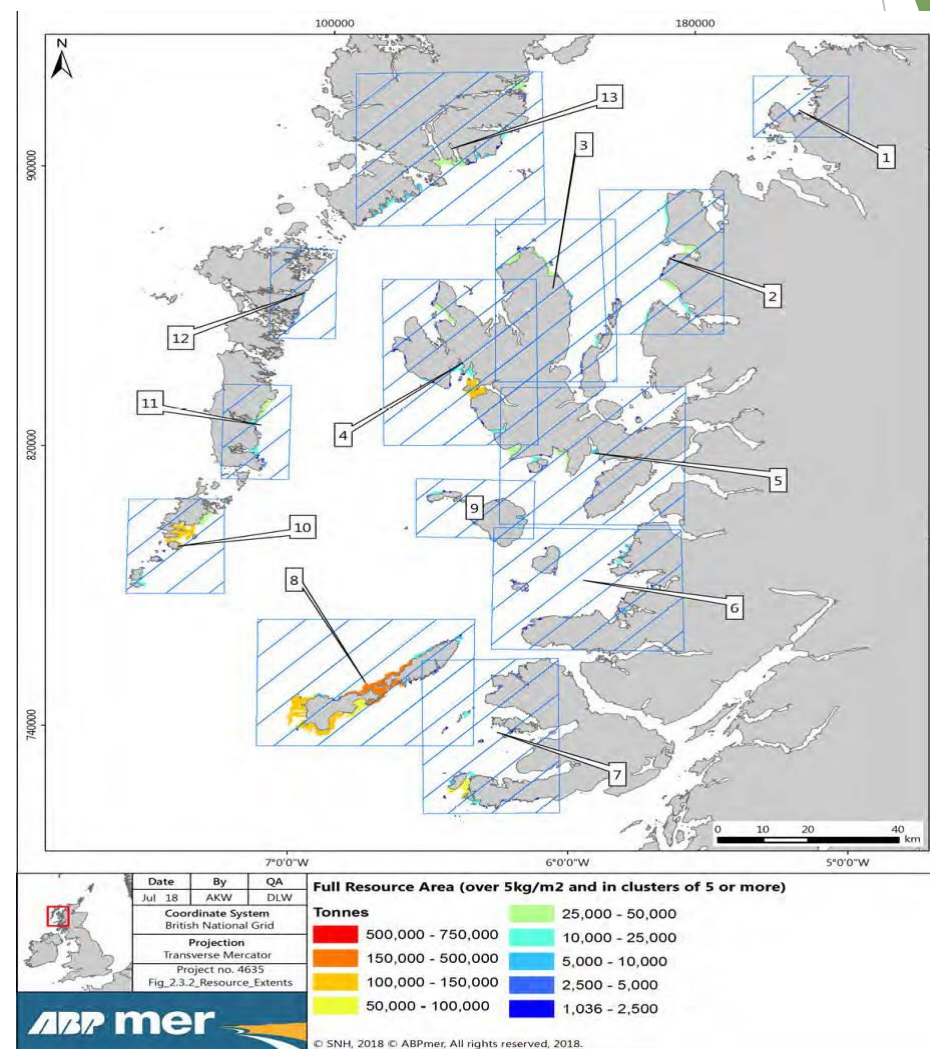


Sustainable Inshore Fisheries Trust

# The Mechanical Dredge Proposals



Garvie Bay, Wester Ross

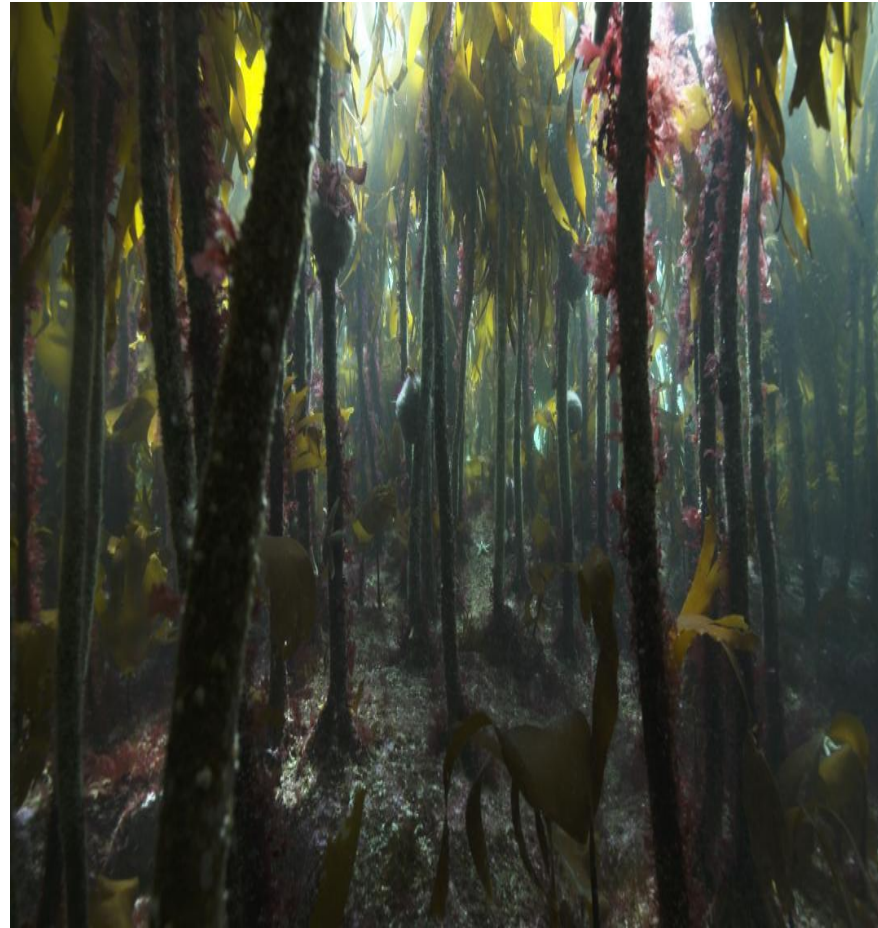


The 12 areas identified for dredging by Marine Biopolymers (Scoping Report, 2018)

Ailsa McLellan



# So what is Mechanical Kelp Dredging?



# Public Support



## Do not allow mechanical kelp dredging in Scottish Waters.



Stop Mechanical Kelp Dredging started this petition to Scottish Cabinet Secretary for the Environment Roseanna Cunningham

18,405 have signed. Let's get to 25,000!



Fiona Dorman signed 11 minutes ago



Jacqueline Love signed 34 minutes ago

Thanks to your support this petition has a chance at winning! We only need



### No Kelp Dredging

9 October at 13:17 • 🌐

We now have 185 businesses including Fishermens Associations with over 500 members, the Scottish Shellfish Association and major seafood dealers. We will keep posting this as it grows in the hope that someone will acknowledge that WEST COAST COMMUNITIES REJECT THE DREDGE.

Scottish Businesses Against Kelp Dredging

Updated 9<sup>th</sup> October 2018

For the attention of Roseanna Cunningham and the ECCLR committee.

We the undersigned businesses rely on a healthy coastal environment to prosper. We urge you to ensure that no licenses are granted under which kelp may be harvested in such a way as to inhibit the regrowth of individual plants.

Kelp plays a significant role in ameliorating the impacts of climate change, it sequesters carbon and buffers the sea against increasing acidification. Its importance as a habitat cannot be overstated. Kelp protects coastlines from the impact of waves and shifting sediment. The biodiversity underpinned by our wild kelp forest supports myriad coastal businesses from fishing to wildlife tourism and the growing number of restaurants that focus on serving local seafood. Current seaweed harvesting methods are strictly governed by the Crown Estate to ensure that no kelp is destroyed, no bi-catch unrecorded, and no habitat altered, *these rules must be upheld*. It would be unethical to allow one chemical company to dredge up vast swathes of this vital habitat for their financial gain, at the expense of coastal communities and the environment. Allowing this current application- or any future applications- to dredge wild kelp in Scotland's inshore waters, would not only be

Scottish Businesses Against Kelp Dredging

Updated 9<sup>th</sup> October 2018

30. Asquith's Fishing - Argyll  
31. Old Bakery B&B - Argyll  
32. Tarish Gair House - Argyll  
33. Lochmear Coffee Shop and Café - Argyll  
34. KSM Motors - Argyll  
35. Pipers of South Isles - Argyll  
36. Adhobach Piping School and Café - Argyll  
37. Seabreeze Drilling - SFF Catering - Argyll  
38. Kishig Charters - Argyll  
39. Port Brea Charters - Argyll  
40. Seabreeze Catering - Argyll  
41. Can View Boat Trips - Argyll  
42. The Little Abbeys - Argyll  
43. Clachnacunn Community - Argyll  
44. Argyll Gift and Outdoor Shop - Argyll  
45. Cook 250 Self Catering and Accommodation - Argyll  
46. Sherran Garden Site - Adhobach - Argyll  
47. Carron de Tuth - Kishig - Argyll  
48. Asquith's Fishing - Argyll  
49. Carver Bulk Self Catering - Clachnacunn  
50. West Coast Shell House - Argyll and Western Ross  
51. Sherran Garden Site - Western Ross  
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Scottish Businesses Against Kelp Dredging

Updated 9<sup>th</sup> October 2018

61. Inverclyde Estate - Tourism and Fishing - Western Ross  
62. The Seaford Shack - Western Ross  
63. Inverclyde Estate - Western Ross  
64. Coast - Tourism - Western Ross  
65. Seaford Seaweed - Western Ross  
66. Loch Sea Salt and Seaweed - Western Ross  
67. Salt - Seaford restaurant - Western Ross  
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Change.org Petition: Over 25, 000 signatures

Facebook 'No Kelp Dredging'

# Identifying our Options

- ▶ The Crown Estates (Scotland) Bill



# Campaign Support

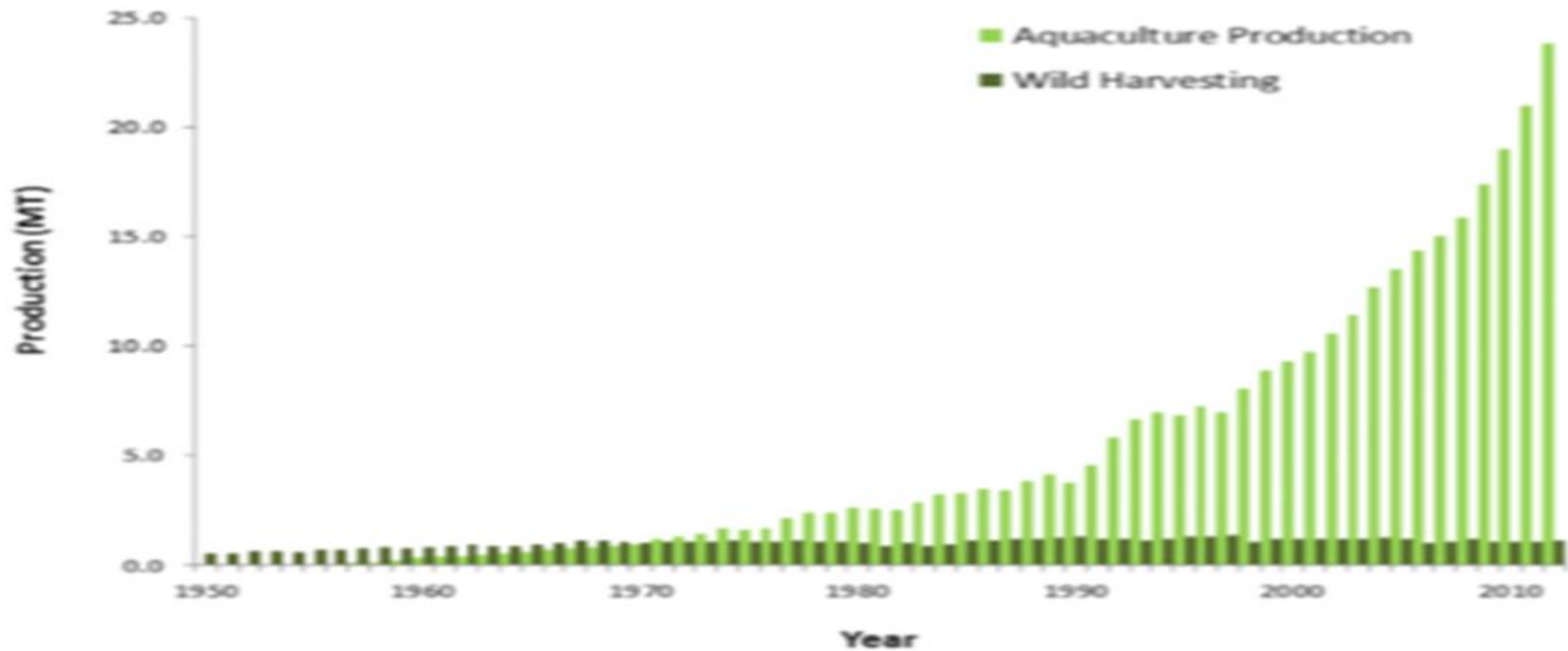


*“Any type of harvesting that removes the whole plant...risks the wholesale devastation of our kelp beds.*

*I urge decision makers to protect these vital, and globally important, habitats.”*

**SIR DAVID ATTENBOROUGH**

# Opportunities for Cultivation: Aquaculture versus Wild Harvesting



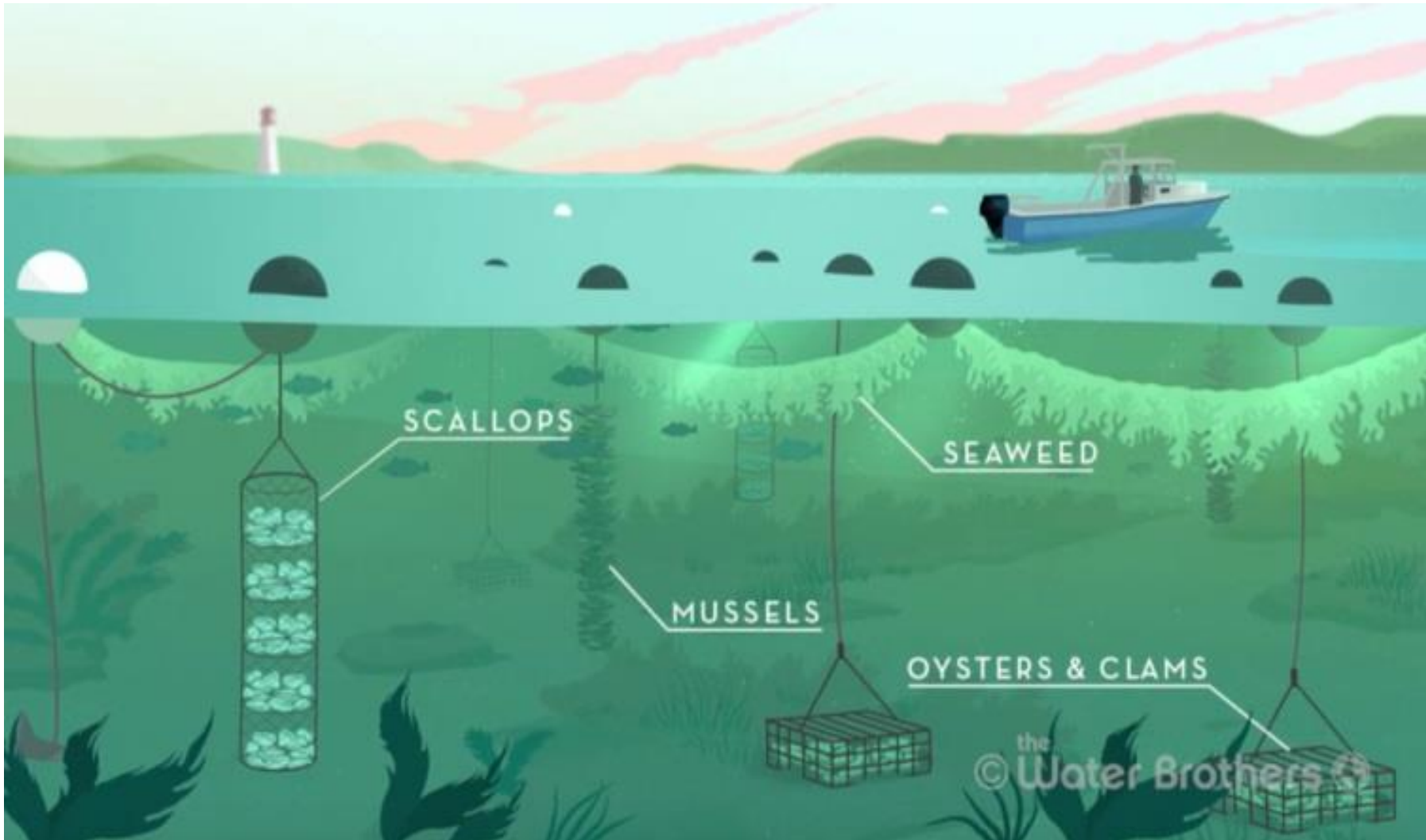
**Figure 1. Global seaweed aquaculture production (1950-2014). FAO (2015)**

# Aquaculture versus wild harvest?





# Multi-trophic Aquaculture



Ailsa McLellan

The background features a series of overlapping, semi-transparent geometric shapes in various shades of green and grey. These shapes are primarily located on the right side of the image, creating a layered, abstract effect. The colors range from light, pale greens to darker, muted greys and forest greens. The overall composition is minimalist and modern.

Professor Juliet  
Brodie









