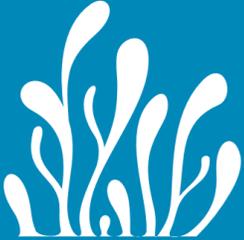




seaforester 

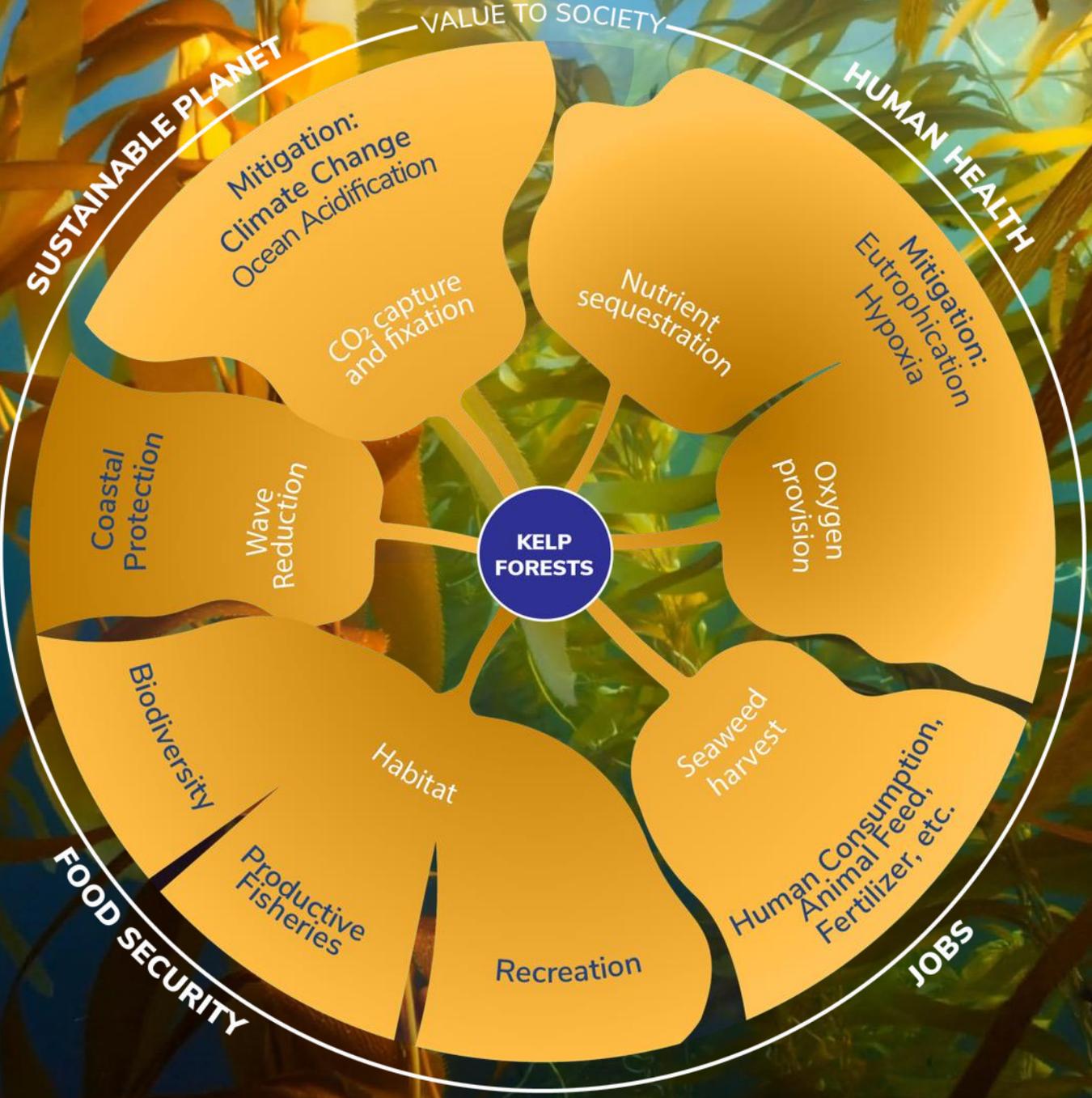
A Great Opportunity for You to Bring Life Back To The Ocean

Supported by:



THE
EARTHSHOT
PRIZE

Benefits



Yet these habitats are disappearing at an alarming rate across the world...

50% of kelp forests degraded over the past 50 years (decline continues at 1.8% each year)

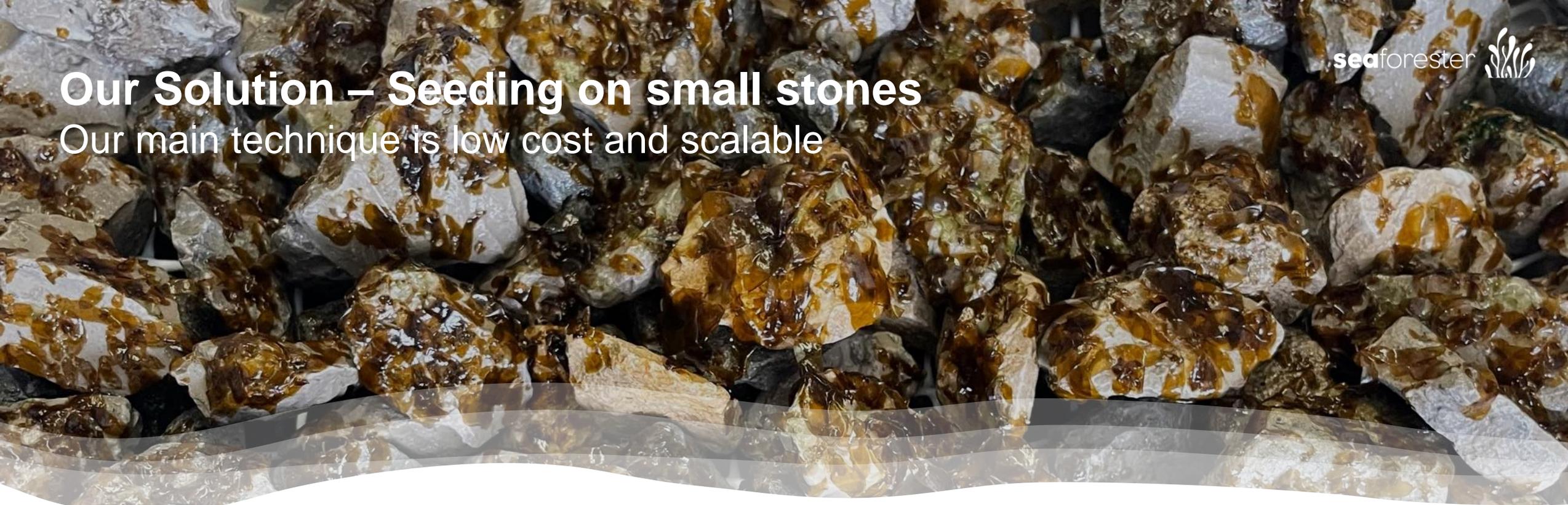
Restoration needs have long been **overlooked**

Current solutions are **too small** in scale and **too costly**

...and with them the benefits they provide to nature and society.

Our Solution – Seeding on small stones

Our main technique is low cost and scalable



Seed supply



Seed on stones



Deploy at sea



Restored Forest



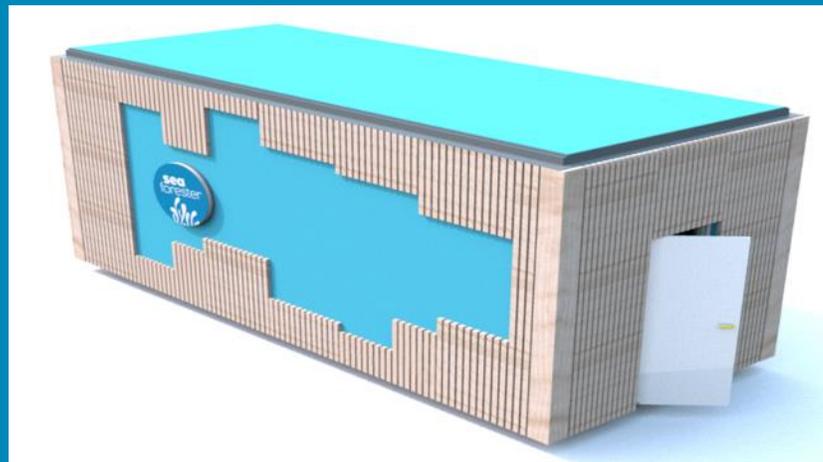
Global Reach with Mobile Seaweed Nurseries

We call it "The Blue Front Yard Approach"

Movable / Plug & Go

Adaptable to different species

Empowering Coastal Communities

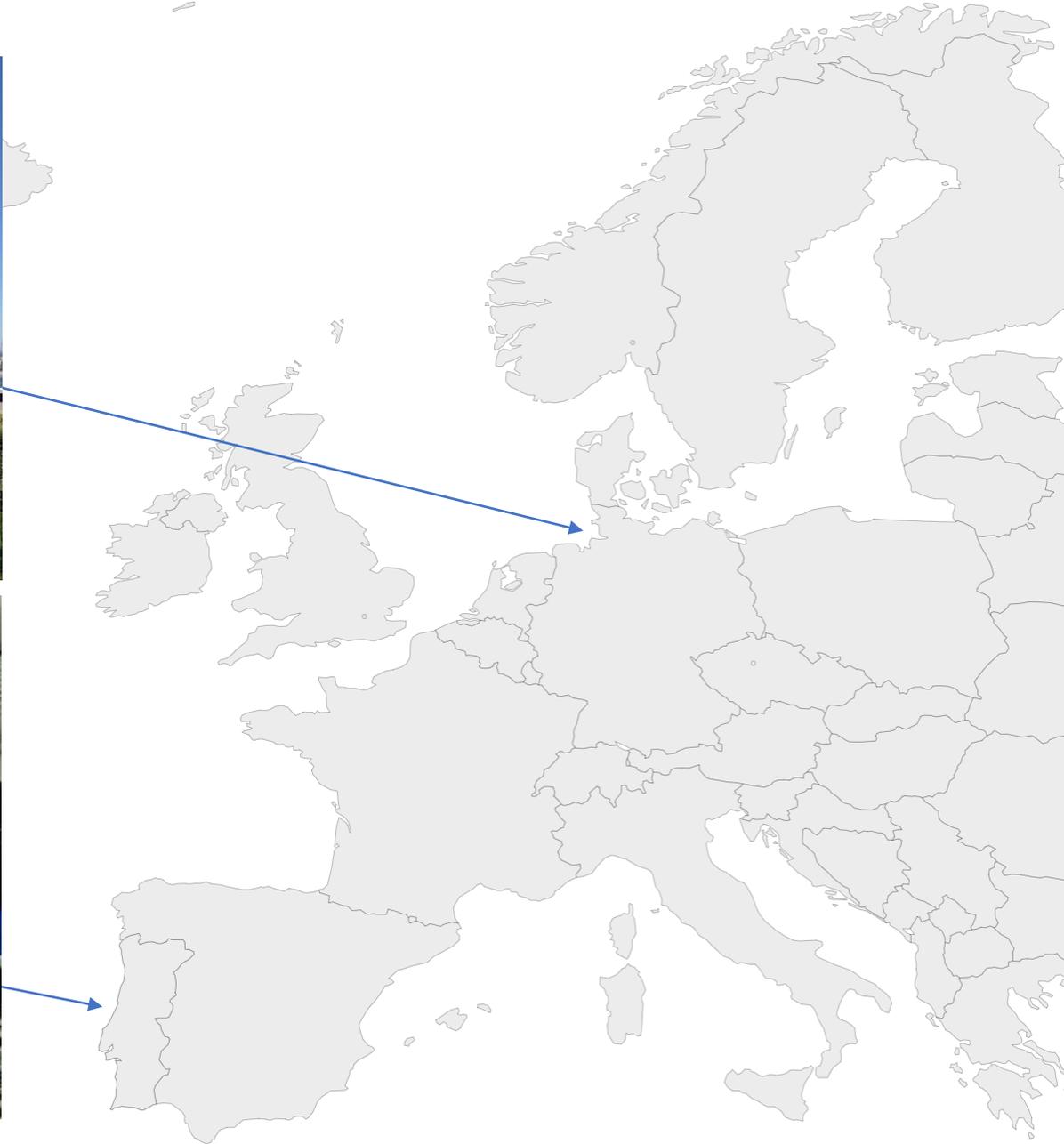


First 2 Mobile Nurseries

Germany
(Helgoland)



Portugal
(Peniche)



It works!
Demonstrated success in Portugal



Cascais – Deployment



Cascais – July 2023



Cascais – Sept.13.2023



Our solution is gaining recognition



Launched in 2020 by HRH Prince William, The Earthshot Prize is the world's most prestigious environmental prize

Following a rigorous, 10-month selection process, a panel of advisors with expertise in science, conservation, innovation, investment, economics, politics and activism selected SeaForester from more than 1,000 nominations



We educate the public about the need for action



Educating school children in Sesimbra (Portugal)



Educating local diving associations in Cascais (Portugal)



Planting Green Gravel with botanist James Wong. BBC Follow the Food documentary



Seaforestation workshop with World Surf League Ambassadors in Peniche (Portugal)

FORESTS

KELP OU LAMINÁRIAS, FORMAM VERDADEIRAS FLORESTAS DEBAIXO DE ÁGUA
UNDER THE SEA

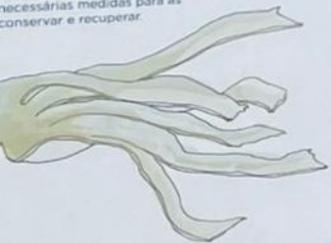


CADEIA ALIMENTAR FOOD CHAIN

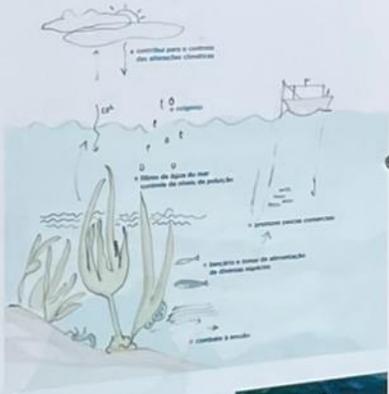
As algas estão na base de muitas cadeias alimentares dos oceanos. Organismos pequenos, como os caracóis, e até peixes de grandes dimensões como por exemplo a salmão, alimentam-se de algas e por sua vez, transformam-se em alimento para outras espécies de predadores. No topo da cadeia alimentar, o homem beneficia diretamente da existência das florestas de algas.

Seaweeds are at the bottom of many of the ocean's food chains. Small organisms such as snails as well as bigger fish like salmon, feed on seaweed and in turn become food for other predatory species. At the top of the food chain, humankind directly benefits from the existence of seaweed forests.

Kelp é a terminologia usada para descrever as espécies de maiores dimensões de algas castanhas. Em Portugal, algumas populações das florestas de kelp outrora abundantes ainda existem ao longo da nossa costa mas são necessárias medidas para as conservar e recuperar.



Laminaria ochroleuca



A regeneração de florestas marinhas pode ser feita de várias maneiras. O método mais promissor é o da "rocha verde", que se traduz em semear pequenas rochas com esporos de algas no laboratório, e posteriormente plantá-las no oceano.



Replanting seaweed can be done in a variety of ways, but we believe the most promising method to be something called "green gravel". In simple terms, this method involves seeding seaweed spores on rocks in a laboratory and then dropping them into the ocean.

SOLUTION

Para evitar o alarmante desaparecimento das florestas costeiras, é diminuir o impacto humano neste mesmo ecossistema. A recuperação simultaneamente a sua recuperação é a recuperação em zona de floresta ardida é a recuperação de novas árvores, o mesmo tem de ser feito com as florestas marinhas cuidando assim do nosso "quintal azul".

To avoid the alarming disappearance of marine forests from coastal areas, it is to reduce the human impact on the coastal environment and to restore seaweed forests. Simultaneously with their recovery is the recovery in burnt forest areas, the same should be done for marine forests by replanting them, and the same should be done for burnt forests, we replant what we call the "Blue Front Yard".

Para mais informação, visite www.seaforester.org

www.cascais.pt



Iceland
Liechtenstein
Norway grants



seaforester 

www.seaforester.org