

An underwater photograph showing a dense kelp forest. Tall, brown stalks of seaweed rise from the bottom, with long, narrow, yellowish-green blades reaching towards the surface. Sunlight filters through the water, creating a dappled light effect. In the lower half of the frame, a large school of silver fish, likely mackerels, swims in a coordinated pattern. The overall scene is vibrant and healthy, illustrating the natural habitat of seaweed.

Incredible uses For Seaweed

FROM THE SEA TO EVERYWHERE

What do
I look like?



Seaweed = Marine Algae (Plants)



RED



GREEN

BROWN

The accidental born of their cultivation

JAPAN, 1500 YEARS AGO



Fish farming (offshore fence)

Fresh fish every day!



Shogun Tokugawa dynasty



EVOLUTIONARY



PROGRESS



DO YOU KNOW ...

...IT'S VERY LIKELY THAT
YOU EAT SEAWEED
WITHOUT EVEN KNOWING?

1. FOOD ADITIVES



Product	E number	Origin	Used as	Typical products
Alginates and various derivatives (e.g. Sodium alginate, Propylene glycol alginate)	E400-405	Large BROWN seaweeds	Emulsifier, suspending, stabiliser, gelling agent, thickner.	Ice-creams, milk shakes, instant desserts, custard tarts. Suspending agent in soft drinks. Spreads and many others.
Agar	E406	Mainly species of RED algae	Emulsifier, stabiliser, gelling agent, thickner.	Ice-creams, tinned goods, glazes for meats, etc.
Carrageenan	E407	Other species such as Kappaphycus , or Chondrus	Emulsifier, stabiliser, gelling agent, thickner.	Ice-creams, milk shakes, instant desserts, custard tarts. Suspending agent in soft drinks. Spreads and many others.

2. COOKED FOOD



Galician seaweed products



3. NUTRITION

Wakame



Calcium



Kelp



Iodine

Nori



Vitamin C



3. NUTRITION

Wakame



Calcium

x 10



Kelp



Iodine

Nori



Vitamin C

x 1.5



4 . COSMETIC AND BATH PRODUCTS



Toothpaste, Shampoo, soap (gelling agent) ...

5 . HPV PREVENTION

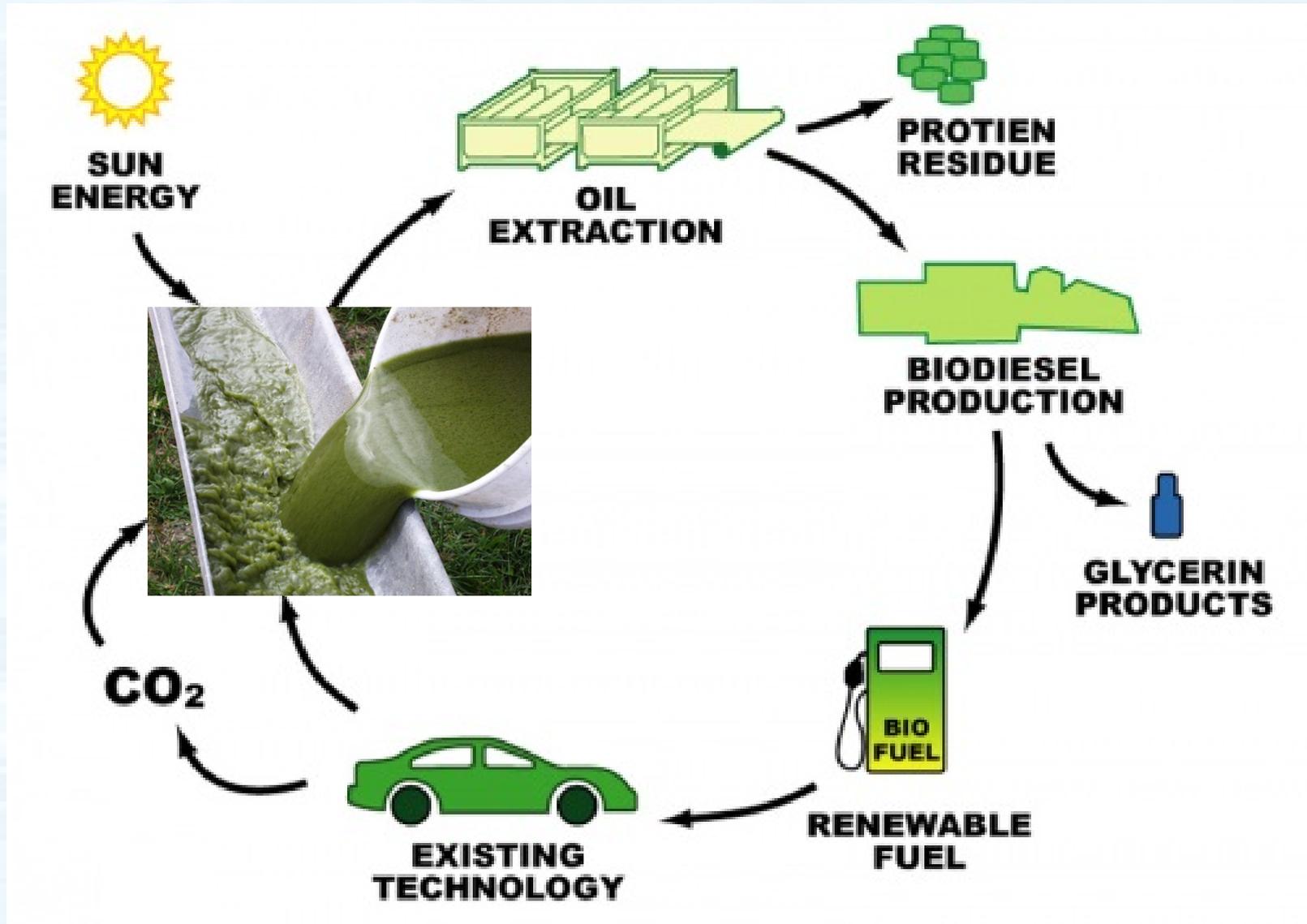


HPV = human papillomavirus
Cervical cancer

Even in
Sexual lubricants!



b . BIOFUEL



Easier to produce + cheaper + No effect on food supplies

7. FERTILIZERS AND ANIMAL FEED



The organic secret to the healthiest plants, animals & you, ever!



Suitable Nitrogen & Phosphorus content

8 . WASTEWATER TREATMENT

Sewage treatments
Agricultural run-off

= Eutrophication



9. SEAWEED BATHS





Food Aditives

Flickr/stevend



Cooked food

Flickr/Laurel Far



Nutrition



Cosmetic & Bath Products



HPV prevention



Biofuel



Fertilisers & Animal feed



Wastewater treatment



Seaweed baths

Getty