

A detailed illustration of a satellite in space. The satellite has a central body with various instruments and a large, circular, gold-colored antenna. It is connected to two long, rectangular solar panel arrays. The background shows the Earth's horizon with a blue atmosphere and a dark, starry sky. The text "HeraSpace" is overlaid in the center.

HeraSpace

Aquaculture is in danger...



Unsustainability industry

80% fish stock overfished

Aquaculture support



Pulsa **ESC** para salir del modo de pantalla completa



Insurances predict harmful algal blooms

Satellite data
Copernicus/CMEMS

Marine expert data

PACE

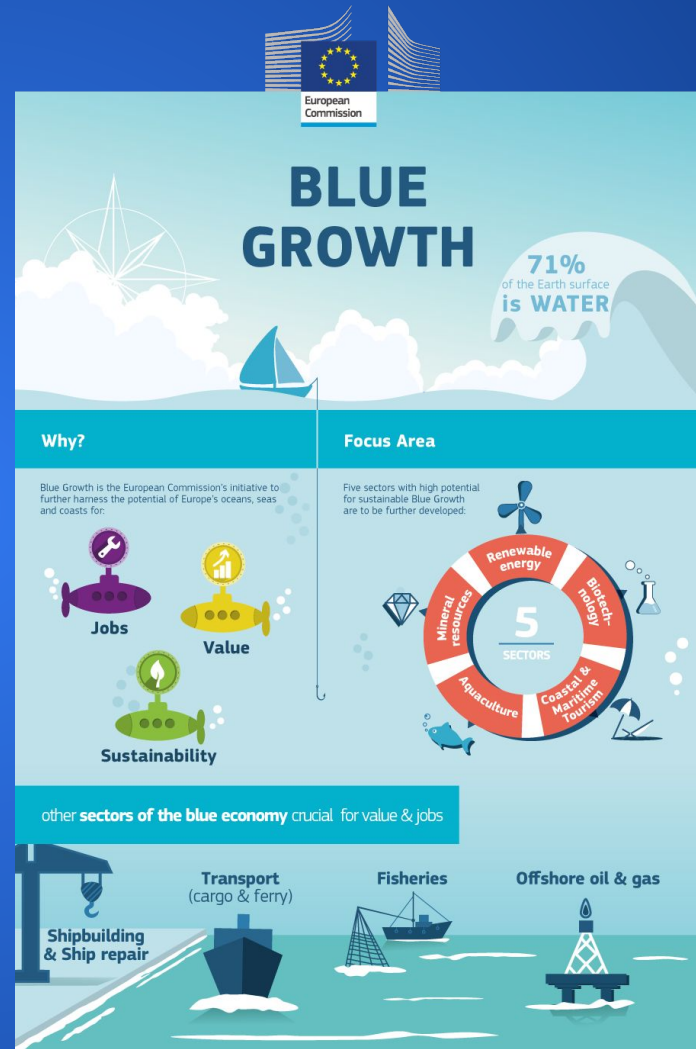


Salmon 52% Europe

Food security

26.81 Billion market

1 Billion losses /year

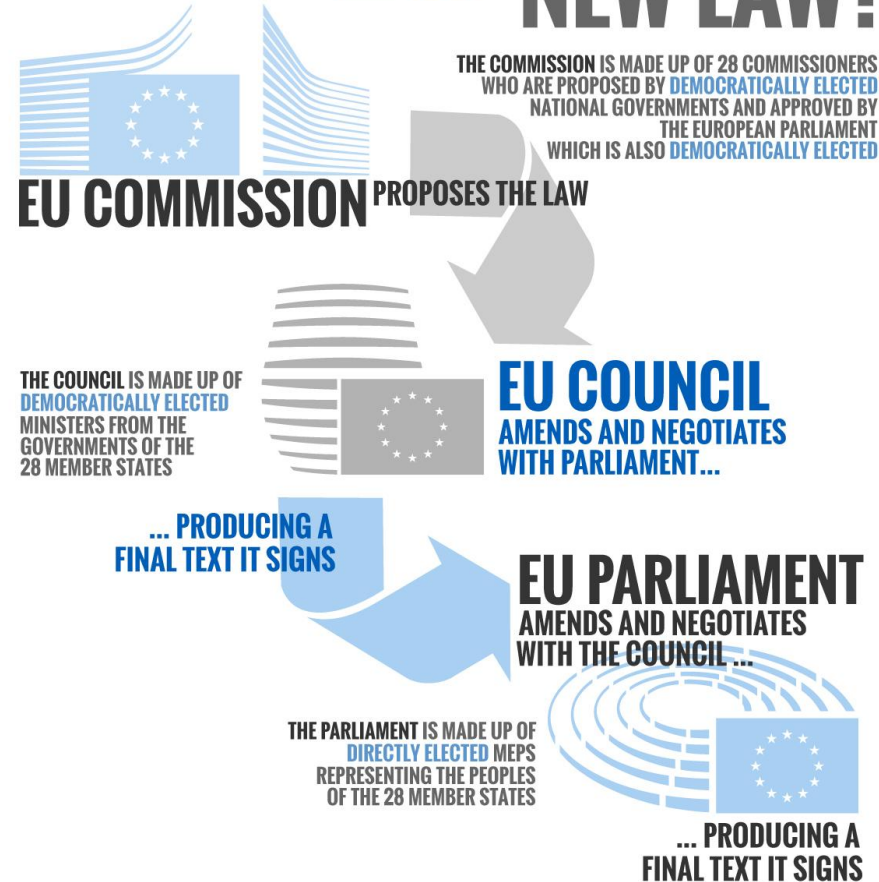


Data dissemination European
Commision

Super accurate publicly
funded satellite data

Strong and increasing
demand

SO... HOW DOES THE EU MAKE A NEW LAW?



Harmful Algal Bloom Detection

PACE

Plankton, Aerosol, Cloud, ocean Ecosystem





Sentinel 2 / 10 Meter resolution



Sentinel 3 / OLCI/ SRAL/STSRL



CMEMS multimission products / max. temporal resolution

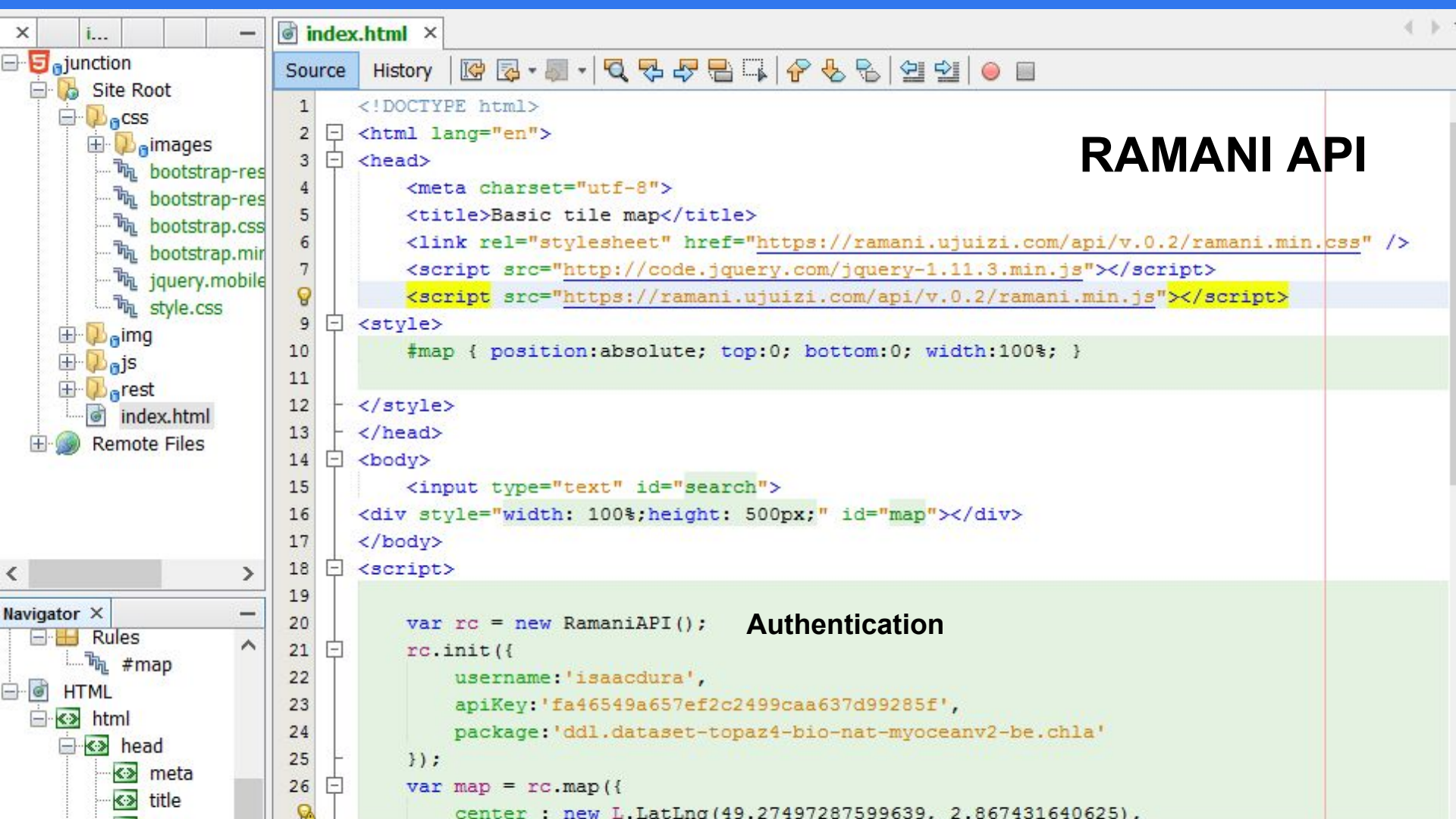


COPERNICUS
MARINE ENVIRONMENT MONITORING SERVICE

Providing PRODUCTS and SERVICES for all marine applications

Nanosatellites/ Augmented accuracy





File Explorer showing the project structure:

- junction
 - Site Root
 - css
 - images
 - bootstrap-res
 - bootstrap-res
 - bootstrap.css
 - bootstrap.mir
 - jquery.mobile
 - style.css
 - img
 - js
 - rest
 - index.html
 - Remote Files

Navigator showing the HTML structure:

- Rules
 - #map
- HTML
 - html
 - head
 - meta
 - title

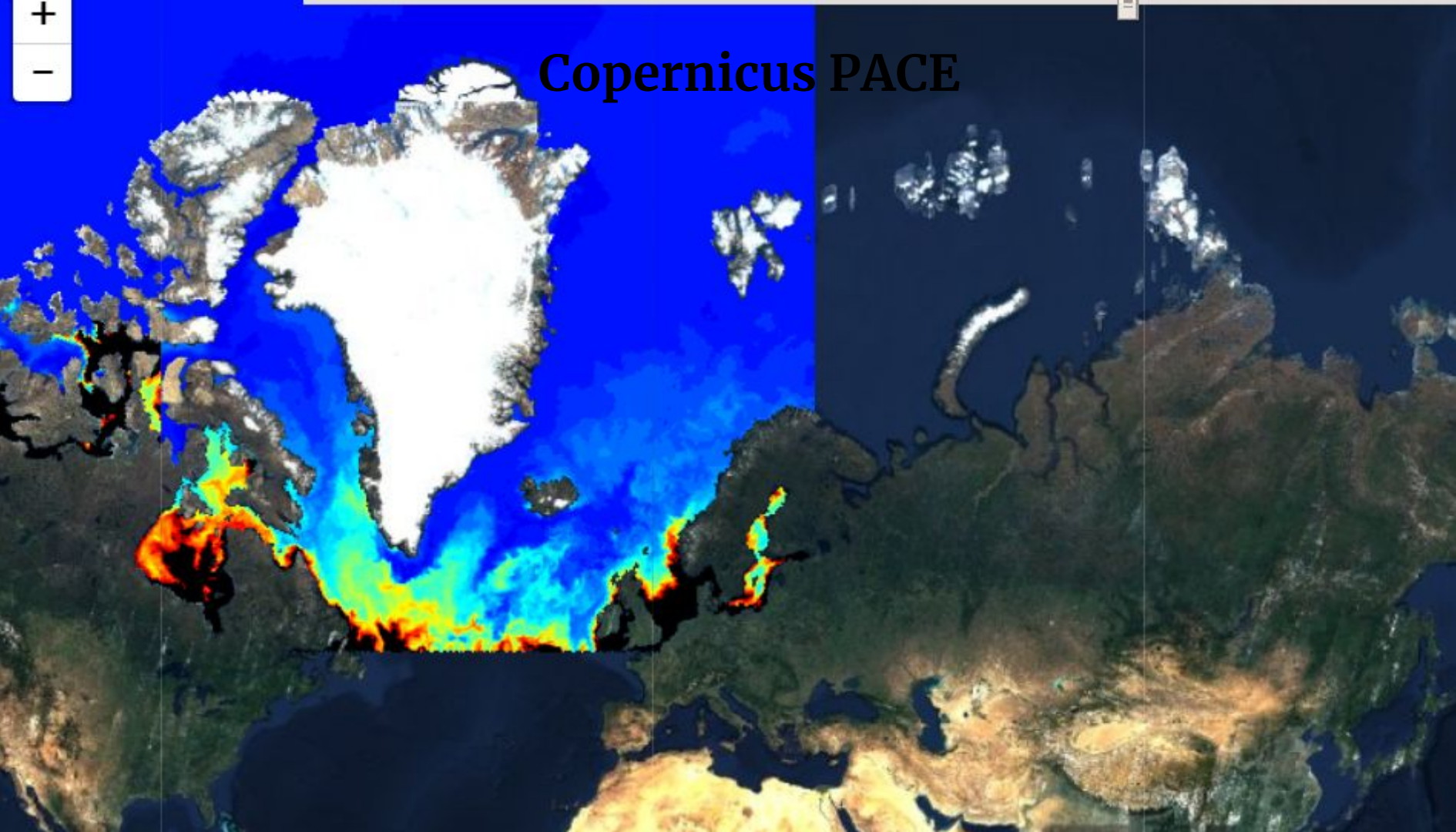
index.html

Source History

```
19
20
21 var rc = new RamaniAPI();
22 rc.init({
23     username: 'isaacdura',
24     apiKey: 'fa46549a657ef2c2499caa637d99285f',
25     package: 'ddl.dataset-topaz4-bio-nat-myoceanv2-be.chla'
26 });
27
28 var map = rc.map({
29     center : new L.LatLng(49.27497287599639, 2.867431640625),
30     baselayer : 'osm'
31 });
32
33 var params1 = { db: "isaacdura", layer: 'ddl.s2cloudless3857', opacity:1 };
34 var params2 = { db: "isaacdura", layer: 'ddl.forS3seriesBioArcticDaily.chla'};
35
36 rc.mapsSwipe(params1, params2);
37
38
39 </script>
40 </html>
```

Sentinel 2

Sentinel 3





**Isaac Durá,
Entrepreneur & SW**



**Richard Holmquist
Marine Expert**



**Chris Wilson
Marine Sales**



**Estela Gonsalves
Regulations expert**



**Diego Tomás
Business Advisor**



**Piyush Gupta
Machine learning SW**

Copernicus
accelerator



a European Commission programme

MENTEE

2017/2018



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Thank you!!

