



COMITÉ  
NATIONAL  
DE LA  
CONCHYLICULTURE

# Toward 2021 UN Food System Summit

## The role of Fisheries & Aquaculture

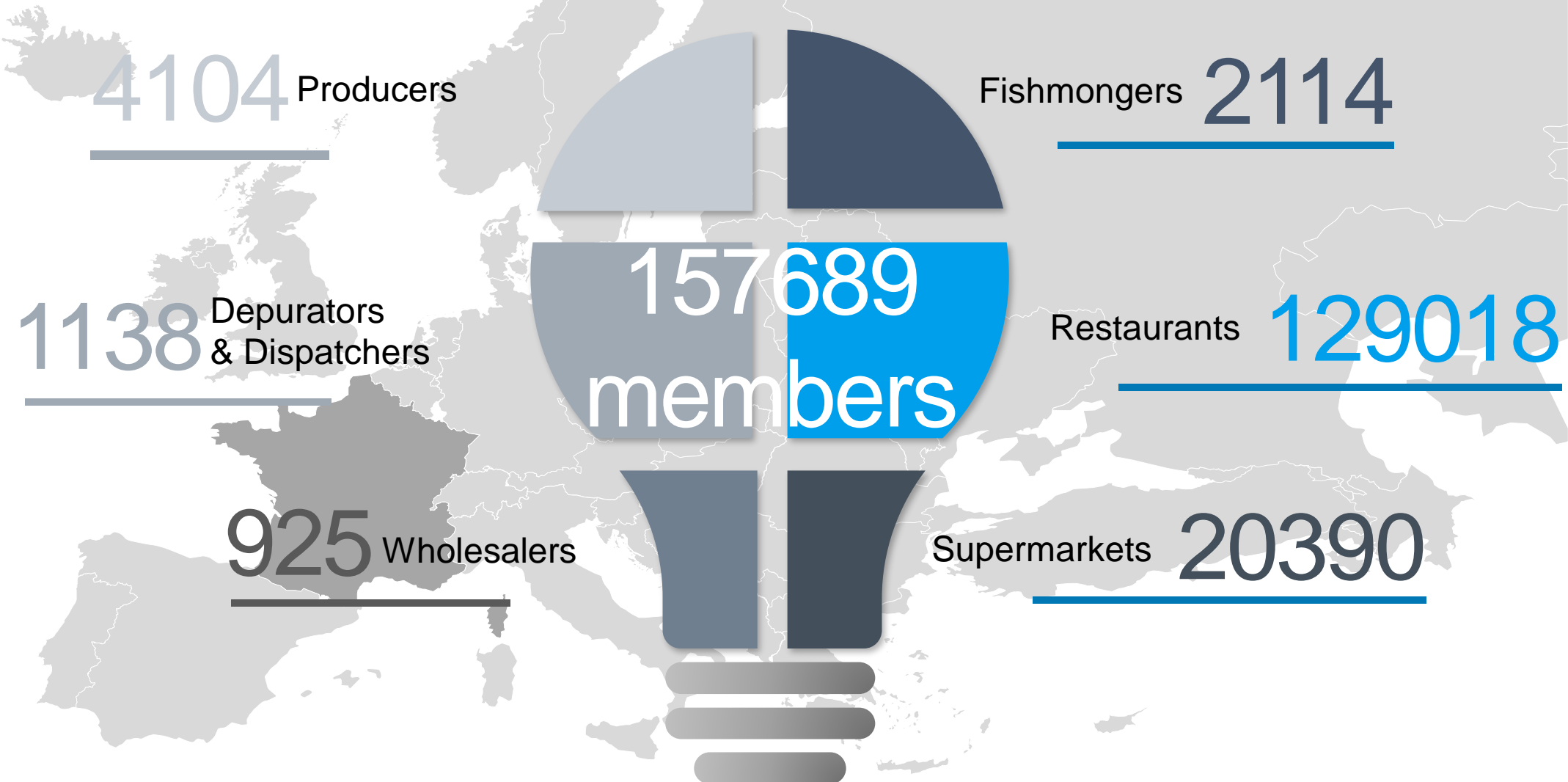
*Shellfish farming point of view - 24/03/2021*



EP Intergroup Climate Change,  
Biodiversity & Sustainable Development

# Interbranch on shellfish farming

COMITE NATIONAL DE LA CONCHYLICULTURE



Farmers  
4 104

Vessels  
5 924

Annexes  
# 6 000

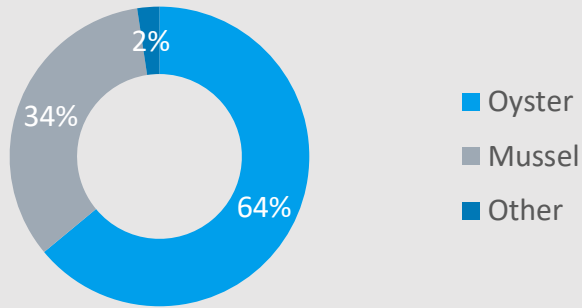
Full time  
9 234

Production  
145 255 T

Turnover  
498,9 M€

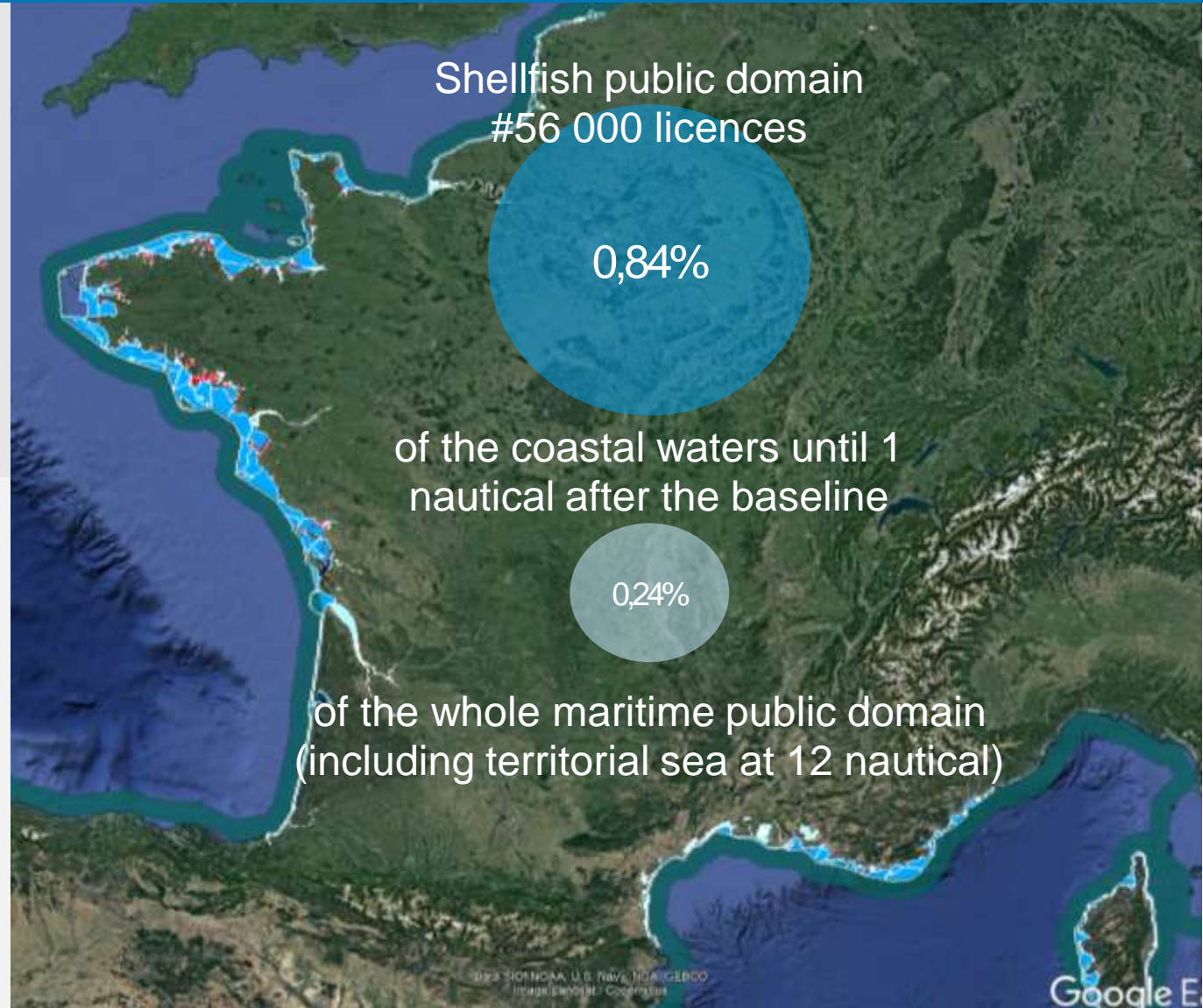
Areas  
176 km<sup>2</sup>

## Production 2018



## Vision 2020/2050

Space... x 3  
Production... x  
2



# What facts for shellfish?

*You dreamed it; shellfish made it... Some assets...*



## Nature

Carbon neutral at production level  
Nitrogen sink  
100% natural  
0% feed  
0% medicine



## Nutrition

One of the lowest caloric food  
High level of P, Cu, Ca, Zn, Se, Fe  
High level of vitamin B



## Health

High level of omega-3  
Poor in cholesterol  
Poor in salt



## Raw Shellfish

Taste, sane and affordable scallops,  
oysters, mussels, clams, cockles,  
abalones, razor shells... for your  
pleasure

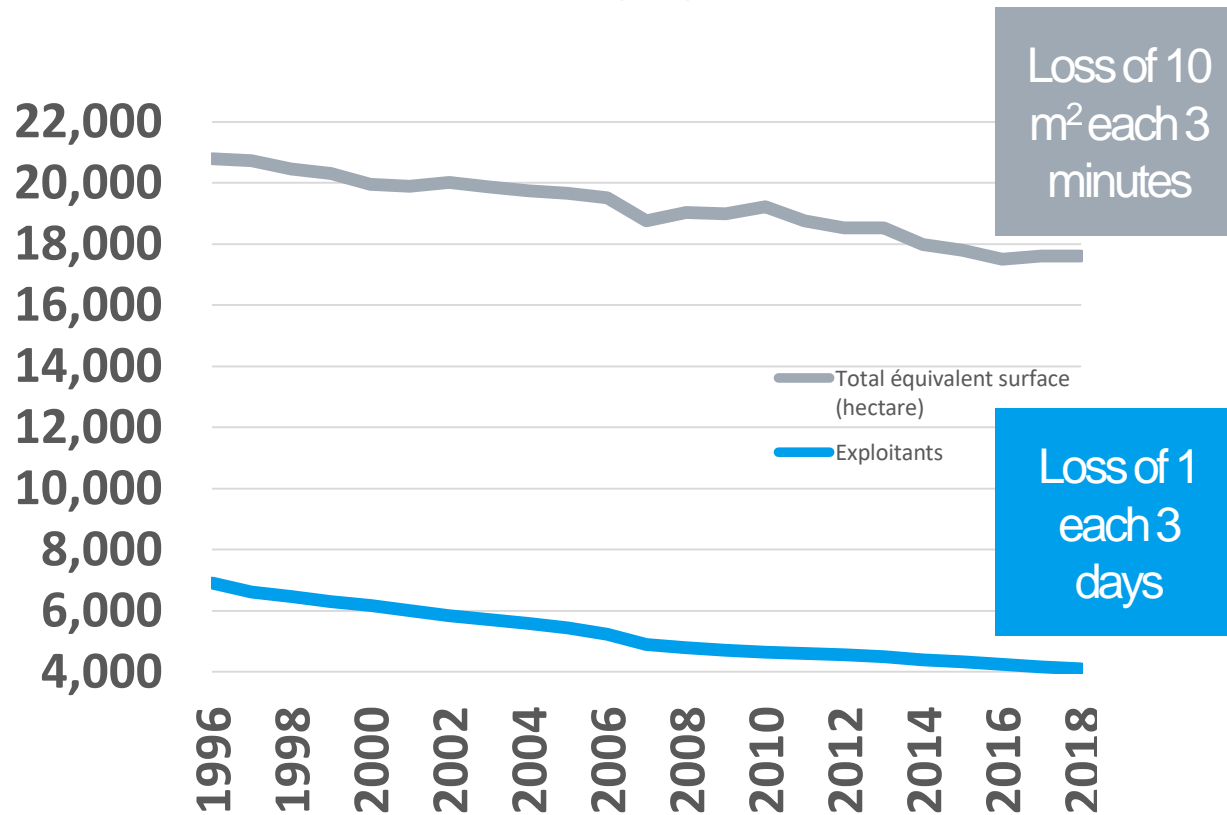


Cooked raw mussels

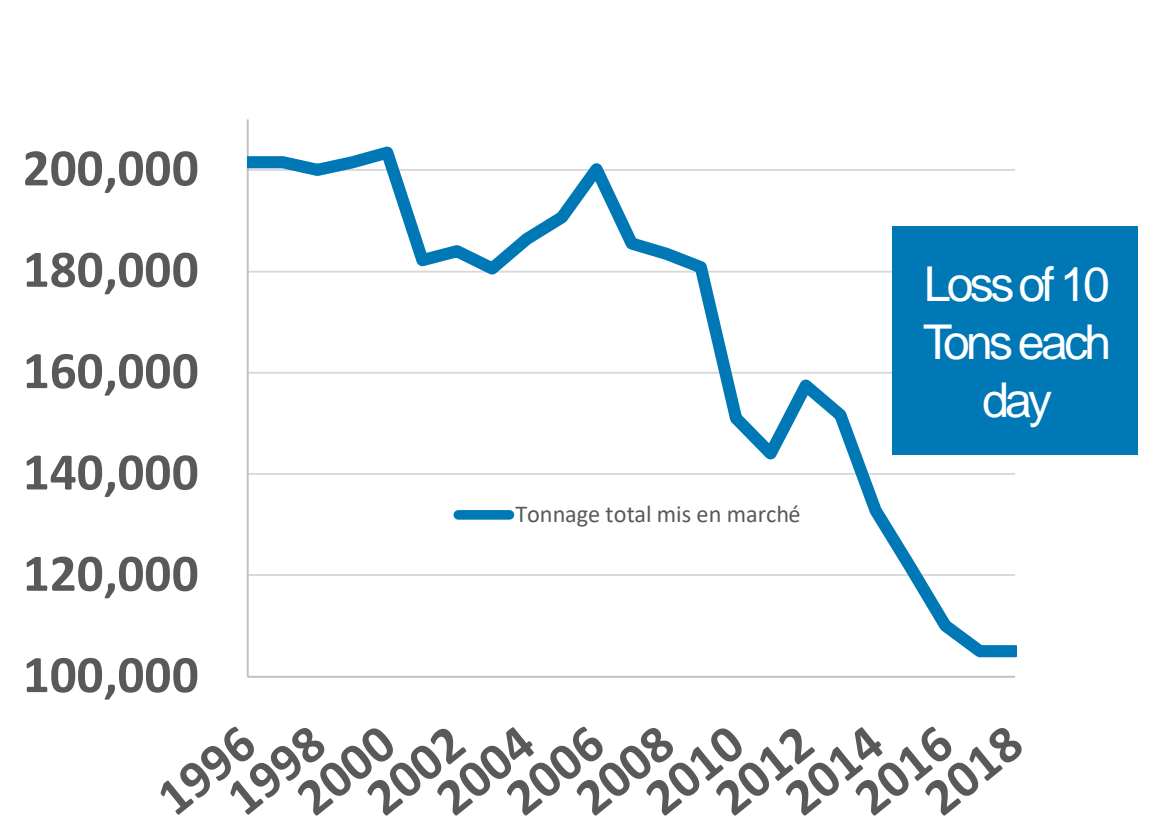
# Sad French Trends 1996-2018

*Despite previous too little-known assets, and notwithstanding the political protests of France and Europe, here are other facts...*

### Evolution of surface (ha) and farmers



### Evolution of production (T)



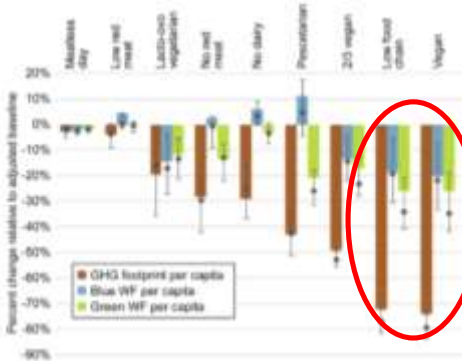
# Vision: Integrated Multi Trophic Marine Cultivation

*Offshore development, in coactivity with wind farming*



**Brent F. Kim, and al. – 2019 – [Elsevier] Country-specific dietary shifts to mitigate climate and water crises**

- **140 countries** analysed (2011-2013)
- Diets comprised of **plant foods** with modest amounts of **low-food chain animals** (i.e., forage fish, **bivalve molluscs**, insects) had comparably small GHG and water footprint than **vegan** diets
- **Vegan and low-food chain animals (LCA) diets could contribute to a reduction of 70% of greenhouse gas (GHG)**



*Shellfish and algae cultivation could contribute to reaching 10 SDGs*



# Thanks for your attention



+33-1-42979754



[b.guillaumie@cnc-france.com](mailto:b.guillaumie@cnc-france.com)



CNC, 122 rue de Javel,  
75015, Paris, France



[www.coquillages.com](http://www.coquillages.com)

