

European Abalone production



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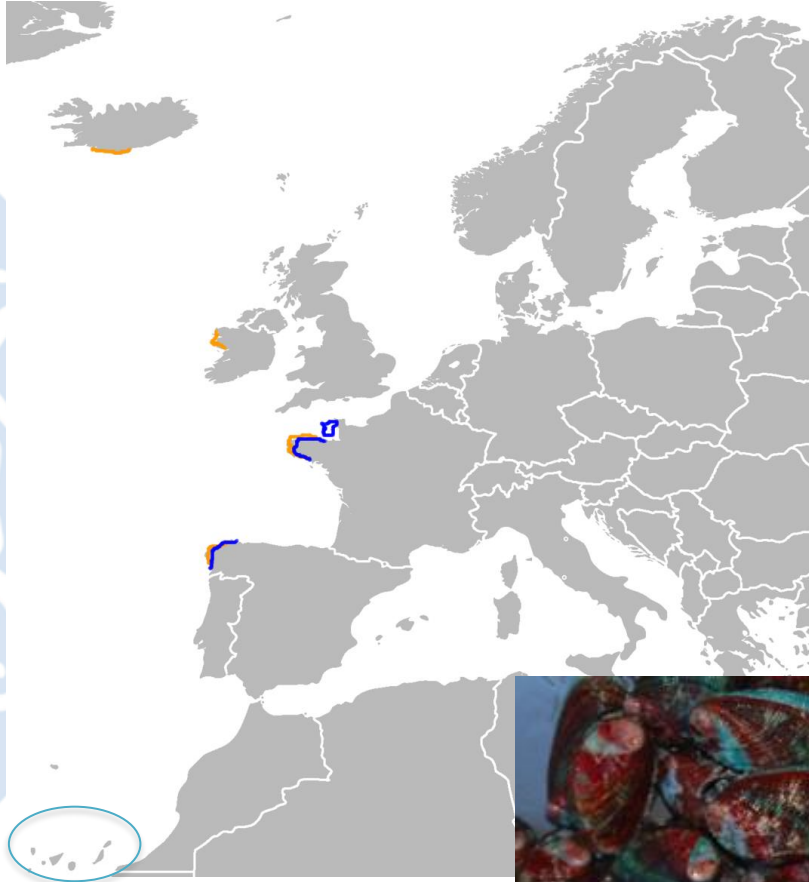
Data: European aquaculture producers & FAO

G. Courtois de Viçose



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Species produced/captured and distribution in Europe



Species

H. tuberculata

H. discus hannai (Japan)

H. Rufescens (California)

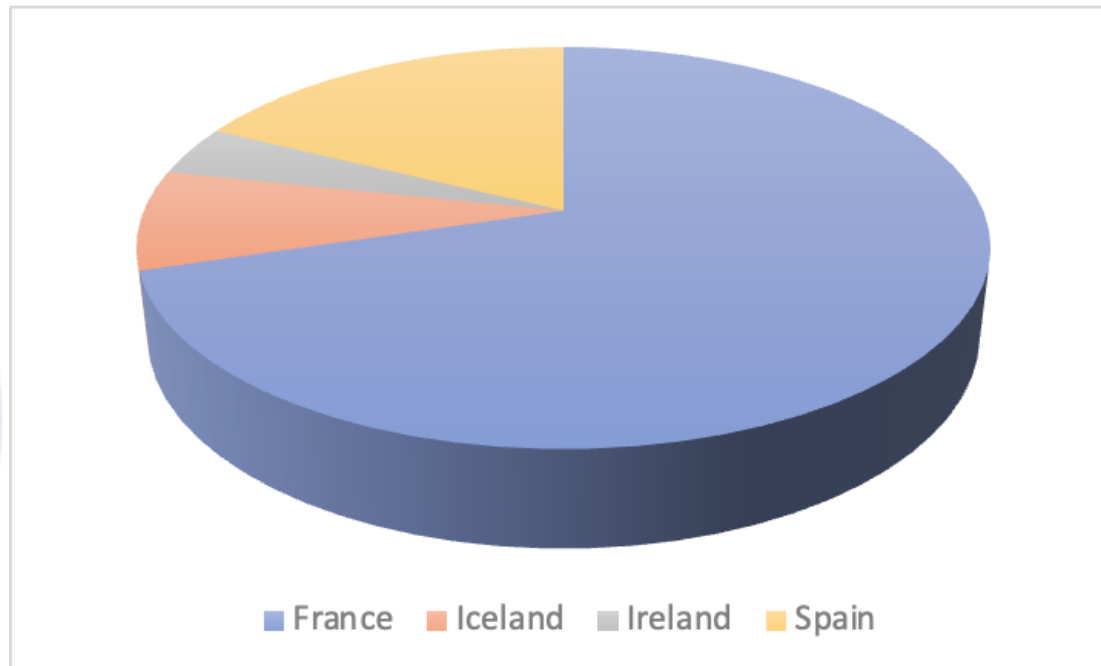
H. tuberculata coccinea





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European Abalone Aquaculture Producers



Aquaculture production: 6 farms

3 hatcheries (France 1, Ireland 1, Iceland 1)

No further development of the activity in the UK



Farms characteristics

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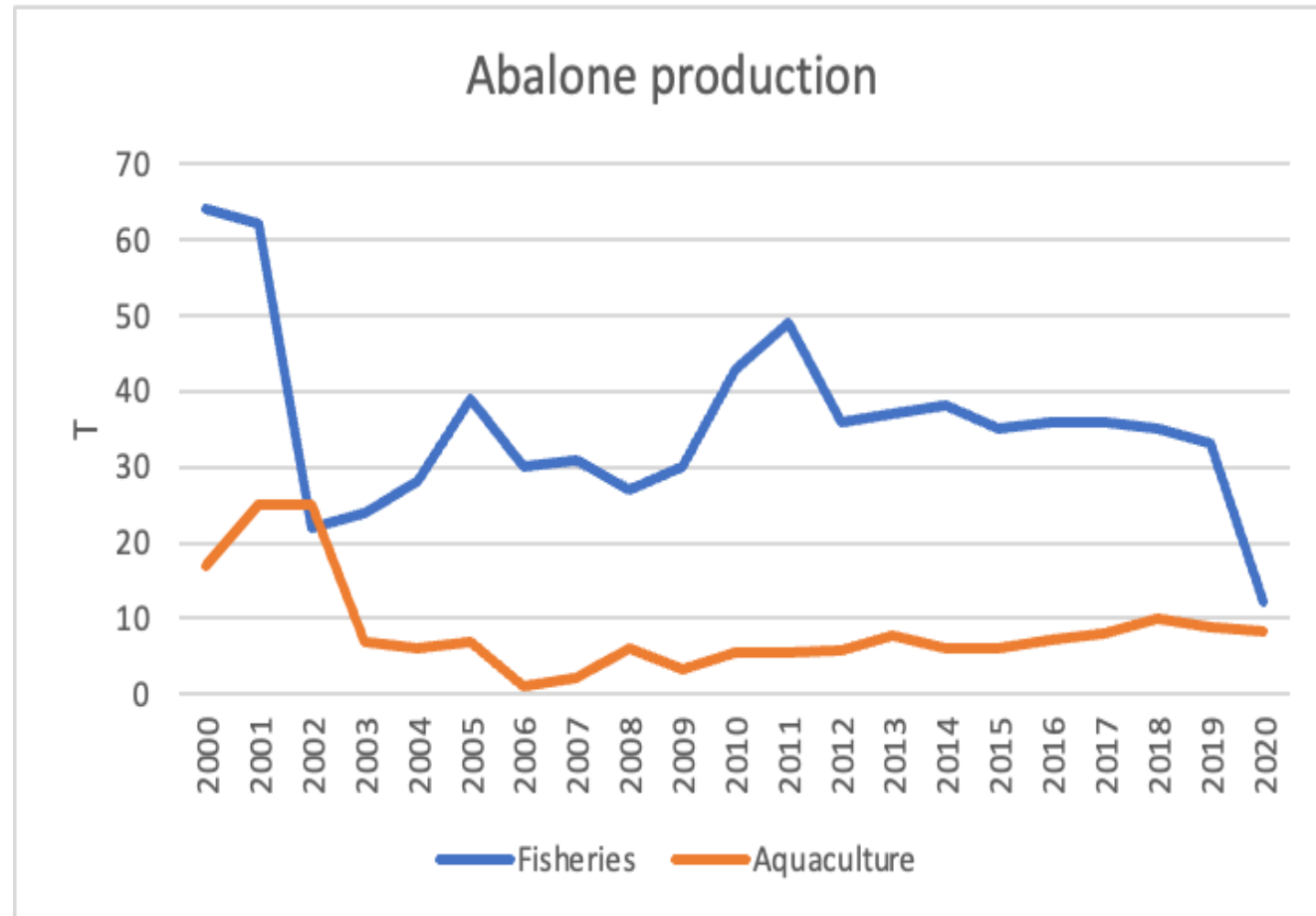
- Size: 200 m² to 5 Ha
- Sea based and land based
- Flow through and recirculated systems
- *SustainCycle* Vertical System
- Feed: formulated diets and macroalgae.
Reduced capacity of feed manufacturers.



Evolution of fisheries and aquaculture production

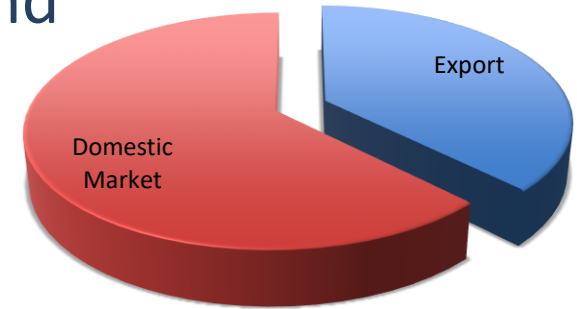
Aquaculture production Stable 10 T

Commercial fisheries France 40T



Product and market characteristics

- Mostly sold fresh
- Gourmet product, appreciated by chefs
- Mostly domestic market and export within Europe
- Price 60-80 €/Kg
- Economic value of the European production (Fisheries+ aquaculture) 3M€
- Commercial size:
 - First choice 6-8 cm
 - Second choice 4-6 cm
 - Exceptionally 8-10 cm

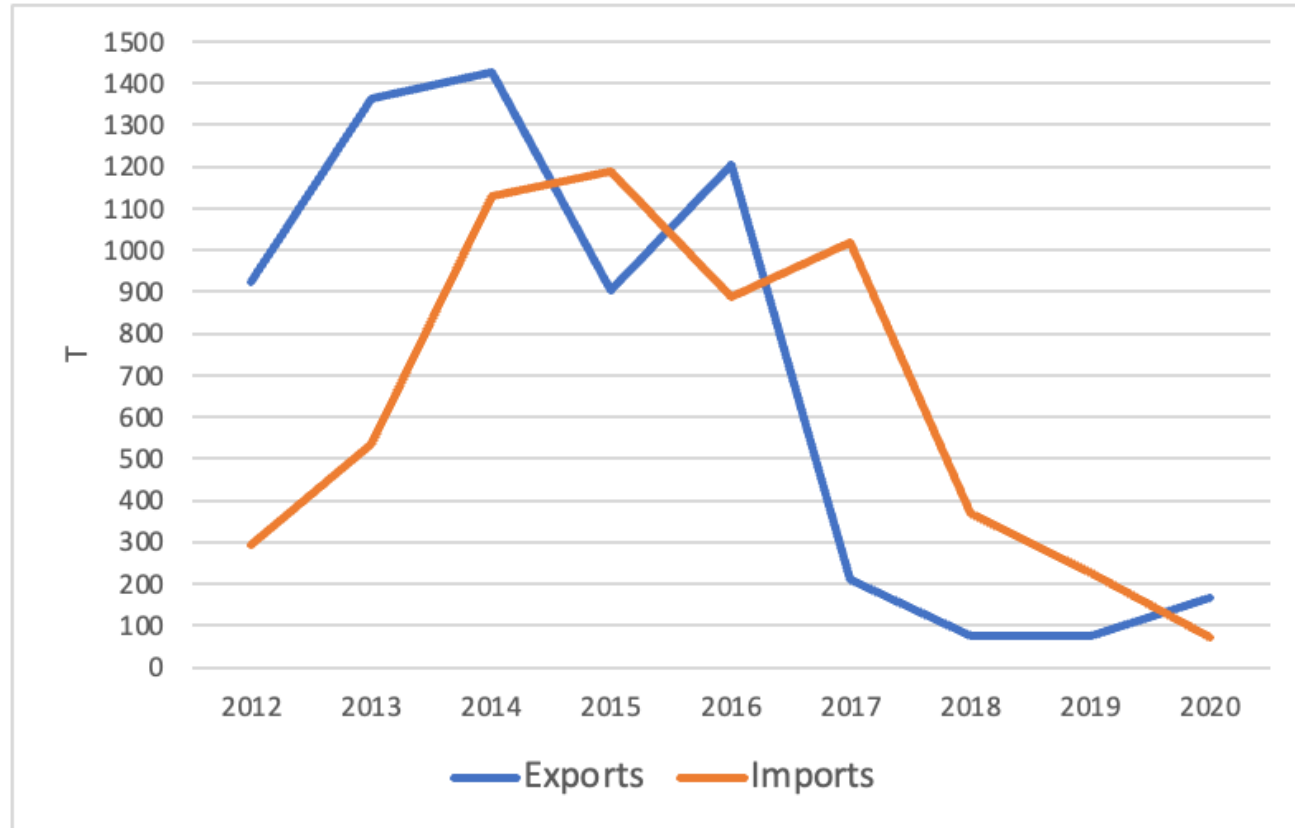


Abalone importation and exportation in Europe



200-1000T
Dried, frozen,
fresh

1-5M€ imp
2-8M€ exp



Belgium, Bulgaria, France, Germany, Iceland,
Ireland, Italy, Netherlands, Spain, UK

Product and market characteristics

- Better understanding of the abalone products exchange taking place in Europe
- Indication on the type of product of interest
- Higher demand than production
- Opportunities for domestic market and exportation




European future production perspectives

- Currently, in European countries, abalone production (*H. tuberculata*, *H. discus hannai*, *H. rufescens*) is provided by aquaculture except in France where wild-catch fisheries of *H. tuberculata* represent an important percentage of the production.
- Significant imports and exports of abalone products is taking place in Europe, not based on the European production (Fisheries+ aquaculture)
- Actually the aquaculture production employs around 30 persons in Europe.

European future production perspectives

- European aquaculture production remained at 10 T due to the limited establishment of new production facilities considering the licensing and regulation issues faced by the European aquaculture sector.
- Expected increase in production linked to:
 - Possibilities of expansion of the existing facilities in the coming years considering the development of new ones is challenging due to restriction in licensing issues.
 - Development of Iceland abalone production 3 (2025), 200 (2025), 1000 T (2030), 70-100gr size range.
 - Review of existing policies to facilitate species diversification and production of low trophic species

A close-up photograph of a snail, likely a garden snail, resting on a light-colored, textured surface. The snail's body is dark, and its shell is a reddish-brown color. Two prominent eye stalks with blue tips are visible. A speech bubble is overlaid on the right side of the image, containing the text "Thank you!".

**Thank
you!**