

DTU



Morten Schiøtt

# Surveillance and diagnostics of crustacean diseases in Europe 2022

# Disease situation in EU for crustaceans

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## 2020/689

Approved disease free

Eradication/control program

Farm under surveillance but not in eradication program

Not approved disease free and not under eradication/control program

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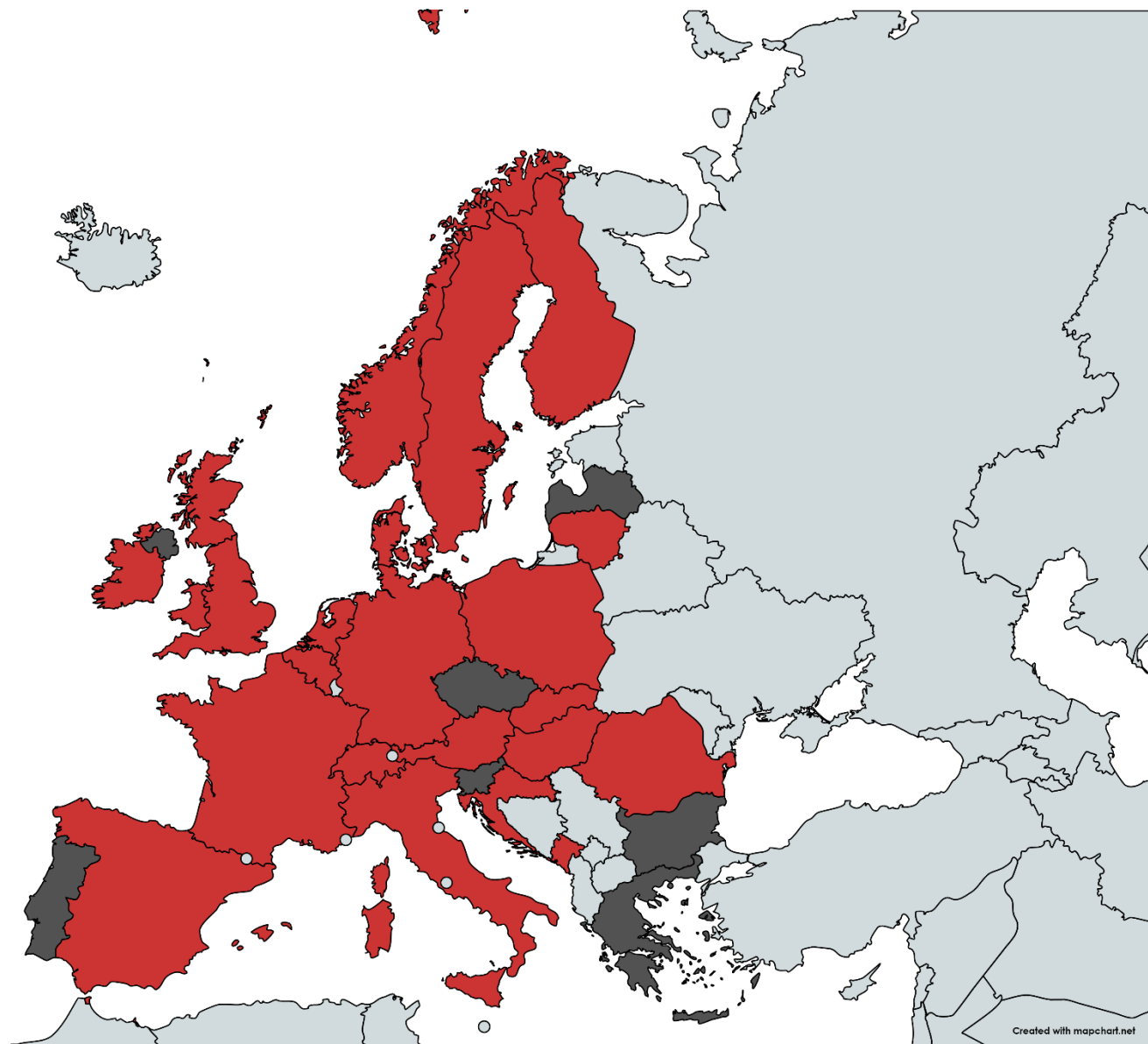
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- 3) Report the number of samples tested for OIE listed crustacean diseases and how many of these gave a positive result.
- 4) Describe the current status of crustacean aquaculture in the country, as well as the strategy used for surveillance of crustacean diseases.

**Thanks to all NRLs that answered the survey!**

# 22 countries have currently answered

■ Answered  
■ Answer pending

■ Answered  
■ Answer pending







# Crustacean farms in Europe

(Some farms may not currently be active, many lobster and crayfish farms produce animals for restocking of wild populations)

Country	Shrimp			Crayfish			Lobsters		
	2021	2020	2019	2021	2020	2019	2021	2020	2019
Spain	1**	9*	30 - 36	2		4			
Germany	6**	11?	8	38	<42	33	5	1	4
France	8								
Belgium	2	2		2	3				
Switzerland	4	3	3	1					
Italy	5	8	11	15	15	23	1	1	
UK - England/Wales	4	4	2	1			5	3	2
Lithuania	2	2	2	1	1				
Norway	2	1		2	1		1	1	
UK – Scotland		1	1						≥1
Netherlands	1	1	1						
Poland				10	10	10			
Finland				5	5	5 – 28			
Denmark				≥3	≥3	≥3			

\*from 2020 only active farms are included; \*\*2021 data from some regions pending

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# Countries with surveillance and diagnostics in 2021

Country	Diagnostics	Diagnostic Samples	Positive tests	Positive Samples
Austria	Aphanomyces	95		
Croatia	Aphanomyces	5	Aphanomyces (wild)	5
Finland	Aphanomyces WSSV	29 5	Aphanomyces (wild)	10
Germany	WSSV Aphanomyces	33 311	Aphanomyces (wild) Vibrio	66 4
Ireland	WSSV Aphanomyces	72 42	Aphanomyces (wild)	39
Italy	WSSV Aphanomyces Thelohania	6 861 23	Aphanomyces (wild) Thelohania	43 20
Montenegro	Aphanomyces	30		
Netherlands	WSSV	1		
Norway	Aphanomyces	11	Aphanomyces (wild)	8
Poland	WSSV	1		
Spain	WSSV	31		
Switzerland	Aphanomyces	25	Aphanomyces (wild)	5
UK - England	WSSV TSV YHV Aphanomyces	7 1 1 5	Aphanomyces (wild)	2

# Conclusions

- Production of farmed crustaceans in Europe is still very low
- Number of shrimp farms relatively stable
- One German farm “Approved disease-free” all others in “Not approved disease free and not under eradication/control program”
- Apart from crayfish plague, disease incidents are very low

# Questions or comments?