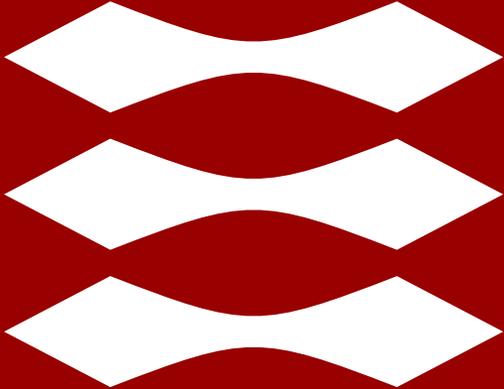


DTU



Morten Schiøtt

# Surveillance and diagnostics of crustacean diseases in Europe 2019/2020

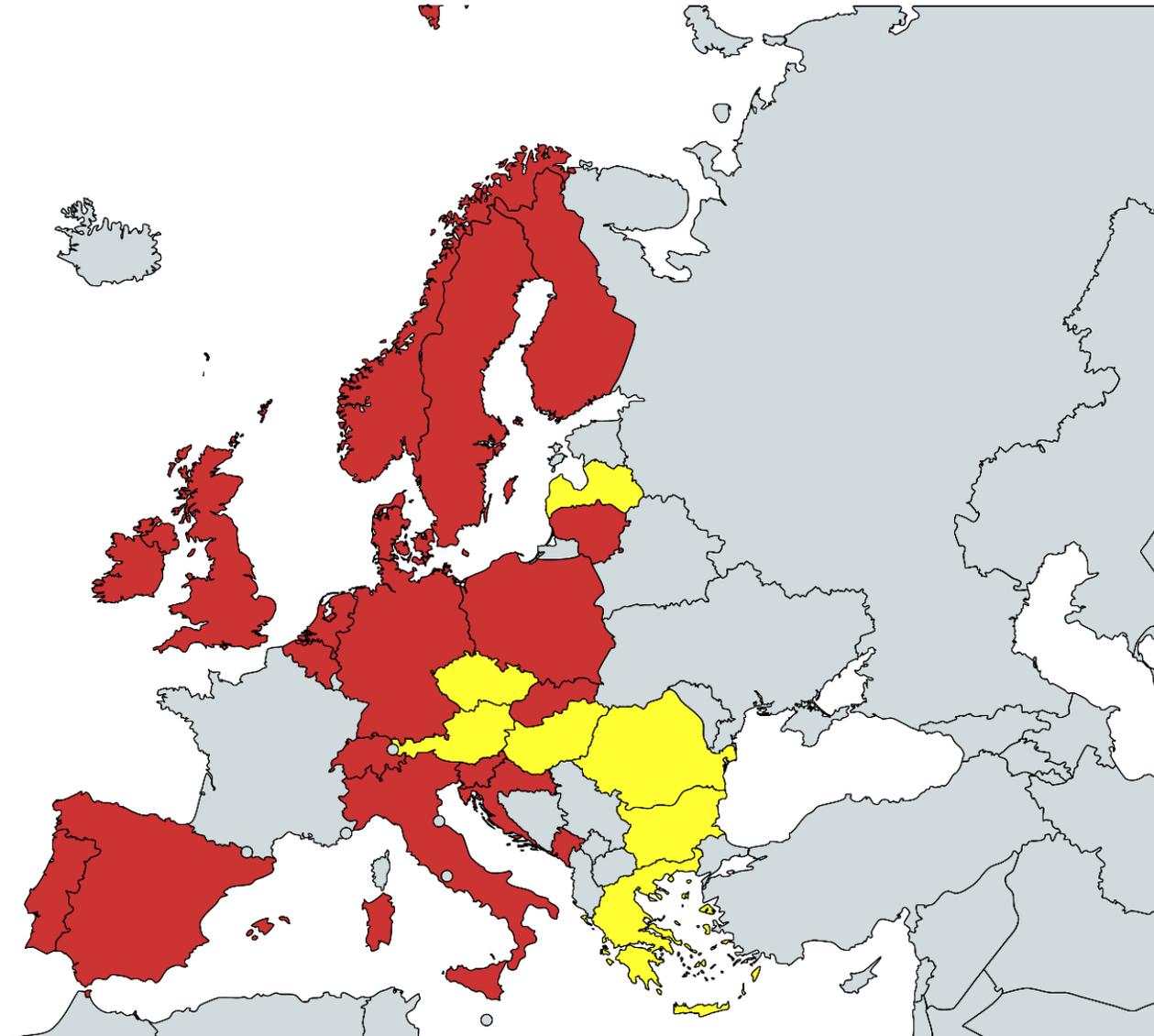
# Disease situation in EU for crustaceans

All NRLs were asked to answer the following questions for their country:

1. What is the current status of crustacean production in your country (which species, how many farms and what is the amount of production)?
2. Are you performing regular disease surveillance on any farms?
3. Has there in 2019 and till now been any incidents of disease in these farms (concerning both listed and non-listed diseases), and how were these incidents addressed?

# 19 NRLs have currently answered

■ Answered  
■ Answer pending



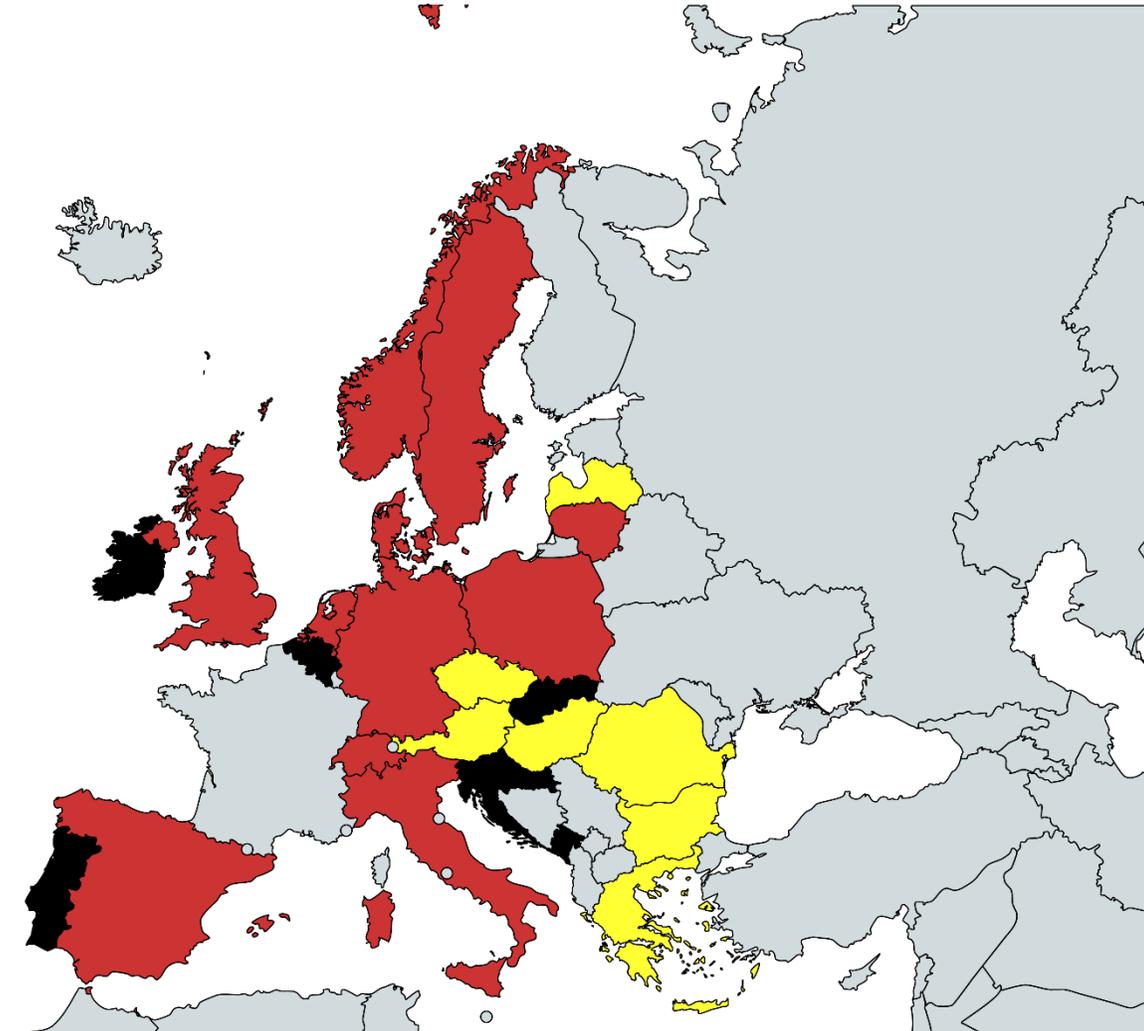
Created with mapchart.net

# Countries with no crustacean farms

(although most countries probably have crayfish farms)

- Belgium
- Portugal
- Slovakia
- Ireland
- Slovenia
- Montenegro
- Croatia

■ Answered  
■ Answer pending  
■ No farms



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# 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	Crabs	Production
Spain	30 - 36	4		4	190 t shrimp
Germany	8	≥33	4	1	>100 t
Switzerland	3				>60 t
Italy	11	23			>2 t
Finland		5 - 28			<1 t
UK - England/Wales	2		2		500 Kg shrimp 20,000 lobsters
Denmark		≥3			~500 kg
Poland		10			<500 Kg
Lithuania	2				>150 Kg
UK - Scotland	≥1		≥1		0 (culled)
Estonia		25*			?
Sweden		1 - 30			-
Netherlands	1 in upstart				-

\* Data taken from fish disease survey

# Countries with surveillance and diagnostics

- UK – England (surveillance for WSSV, diagnostics of IHHNV related to outbreak)
- UK – Scotland (diagnostics of IHHNV related to outbreak)
- Germany (WSSV and crayfish plague)
- Switzerland (WSSV)
- Ireland (surveillance for crayfish plague)
- Montenegro (surveillance for crayfish plague)
- Denmark (ongoing surveillance project for crayfish plague)

# Conclusions

- Production of farmed crustaceans in Europe is still very low
- More and more shrimp farms appear to be installed, but production still low
- Regular diagnostics of listed diseases (WSSV) is rarely performed by NRLs (perhaps done by private companies?)
- Apart from crayfish plague, disease incidents are very low

# Questions or comments?