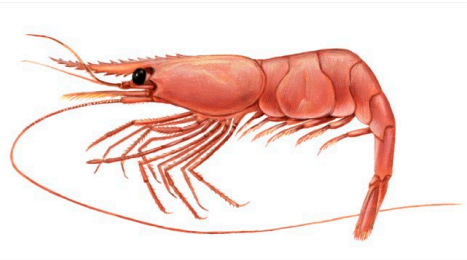


North Atlantic Seafood Forum's shrimp seminar

North Atlantic:



Kasper Teilmann, Partner
GEMBA Seafood Consulting
NASF 2022, June 22

Agenda

 Quotas

 Catch

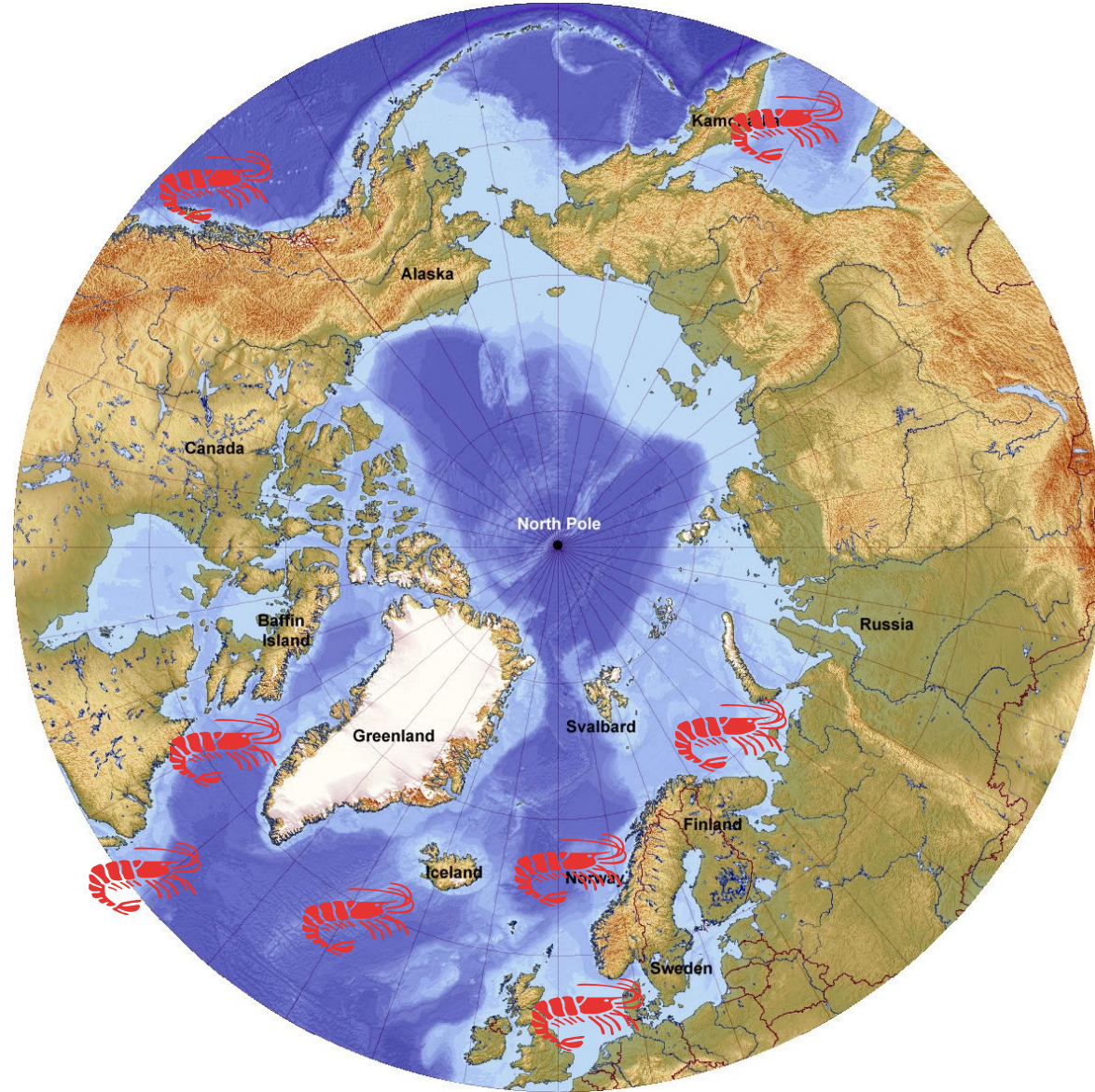
 Production

 Trade



Northern coldwater shrimp catch areas

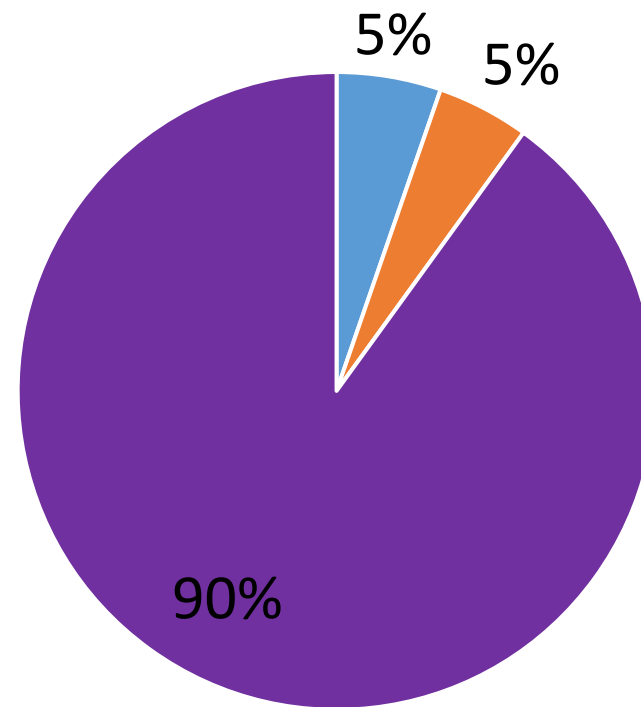
- *Pandalus borealis*
- *Pandalus jordani*
- Mixed species



Catch all areas - 2018, 2019 2020 and estimates for 2021

Area	2018, MT	2019, MT	2020, MT	2021, MT
Pacific, Jordani, US	24,631	17,440	25,842	30,752
North Atlantic, Canada	73,714	71,729	72,190	75,528
North Atlantic, Greenland	94,285	105,500	113,507	114,321
North Atlantic, Iceland	4,478	4,500	2,758	3,999
Barents Sea, Russia	15,000	28,000	22,000	13,000
North Atlantic and Barents Sea, Norway	41,414	43,308	35,597	41,476
North Sea and Baltic Sea, Denmark	3,081	3,000	3,260	3,000
Total	256,603	273,477	275,154	282,076

Global perspective 2021 (approximated numbers)

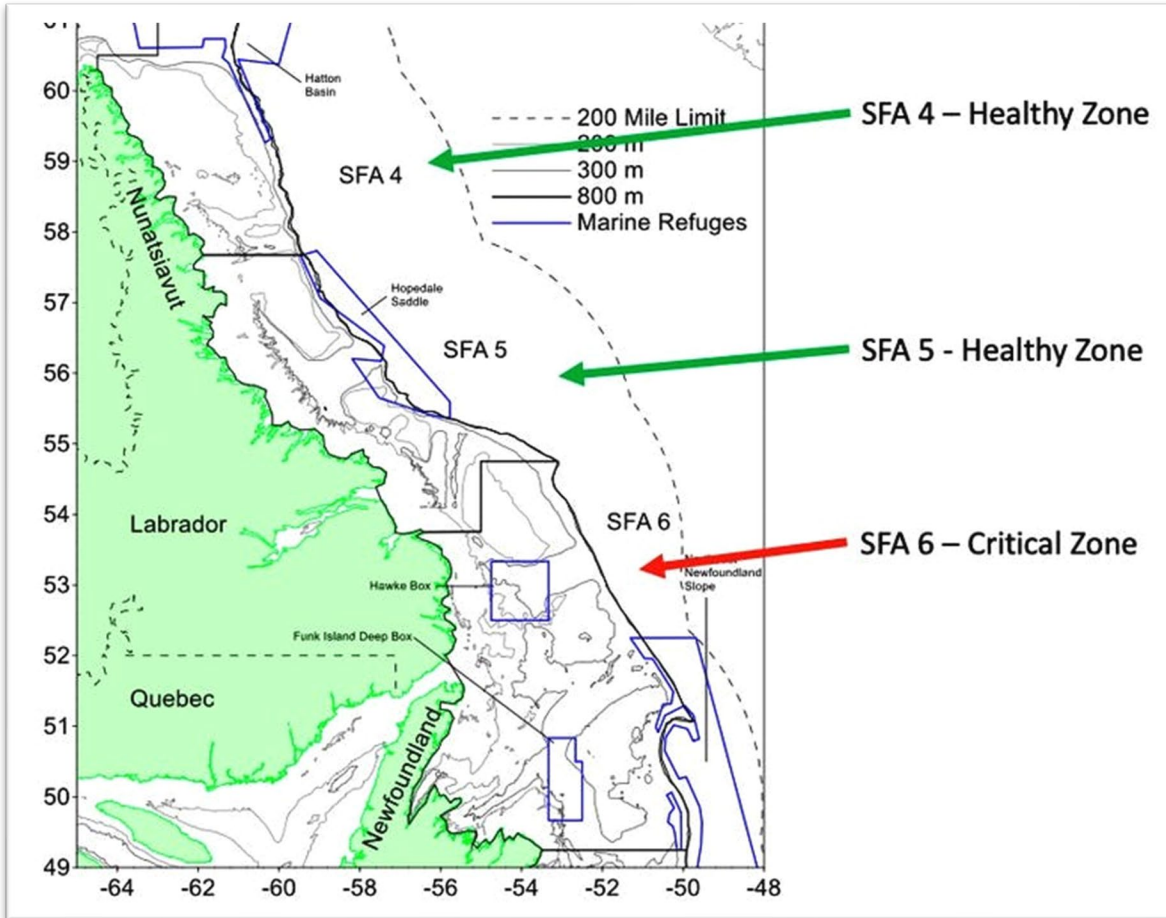


■ Boralis and Jordani

■ Argentinean

■ Farmed

Canada – profile



East Coast shrimp stocks in areas 4 and 5 are healthy, while area 6 is considered critical.

Source: DFO

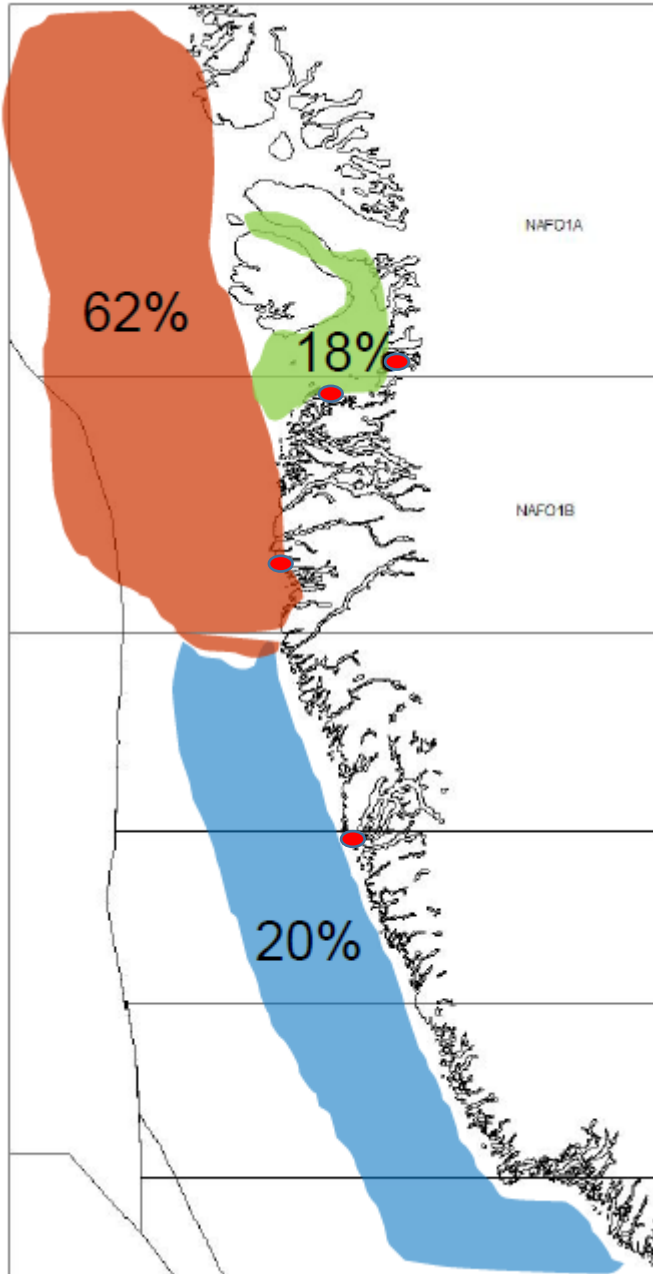
- 238 inshore vessels
- 10 larger offshore vessels
- 12 peeling plants
- TAC for 2022 are not settled yet

Total allowable catch 2021

Area:	Tonnes	%-change
SFA0	TBD	
SFA1	15.937	2%
SFA4	9.957	15%
SFA5	16.080	11%
SFA6	9.534	15%
SFA7	closed	
Total	51.508	

Source: dfo-mpo.gc.ca

Greenland – profile

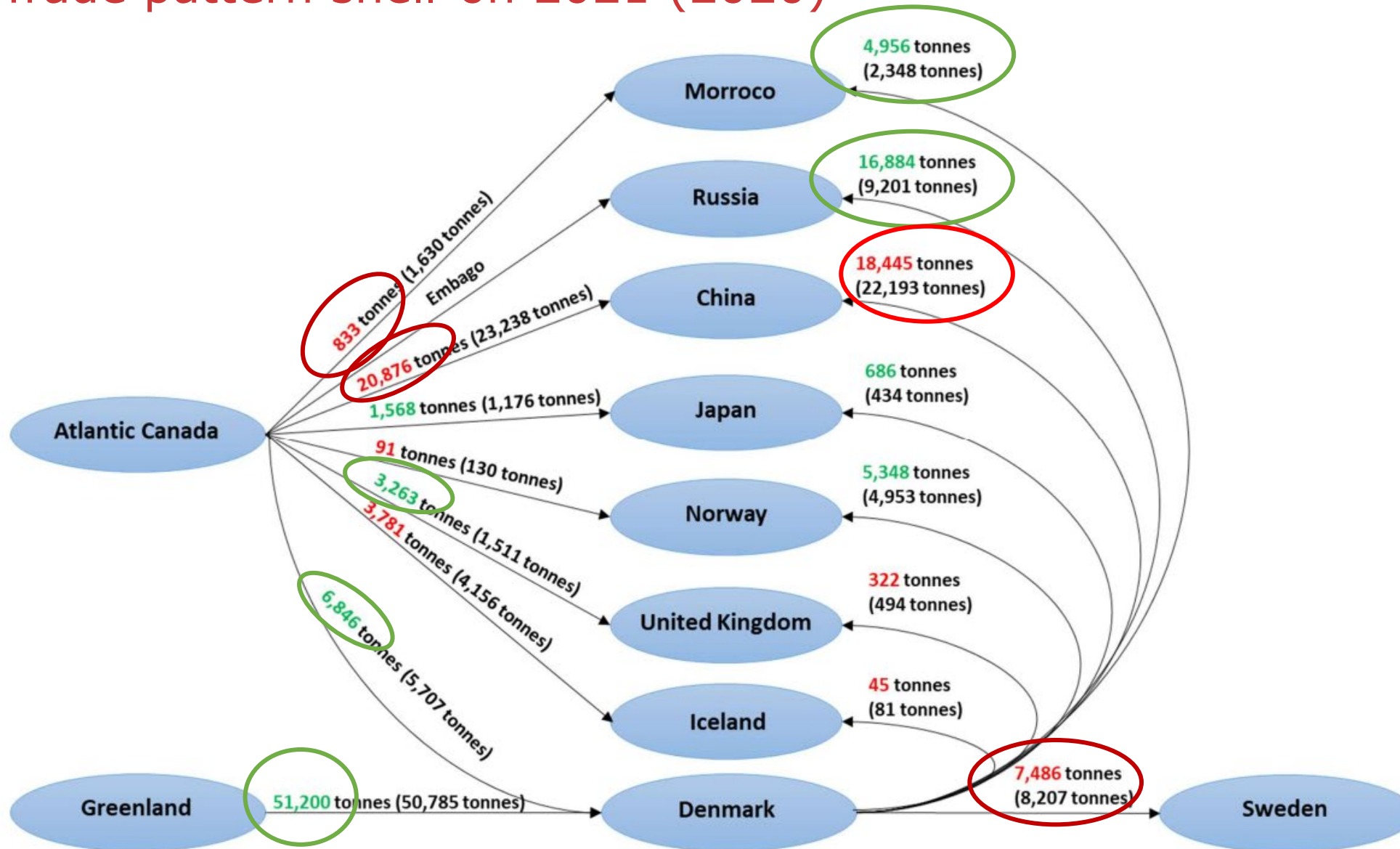


- 16-20 inshore vessels
- Approx. 10 large offshore vessels
- 4 peeling plants

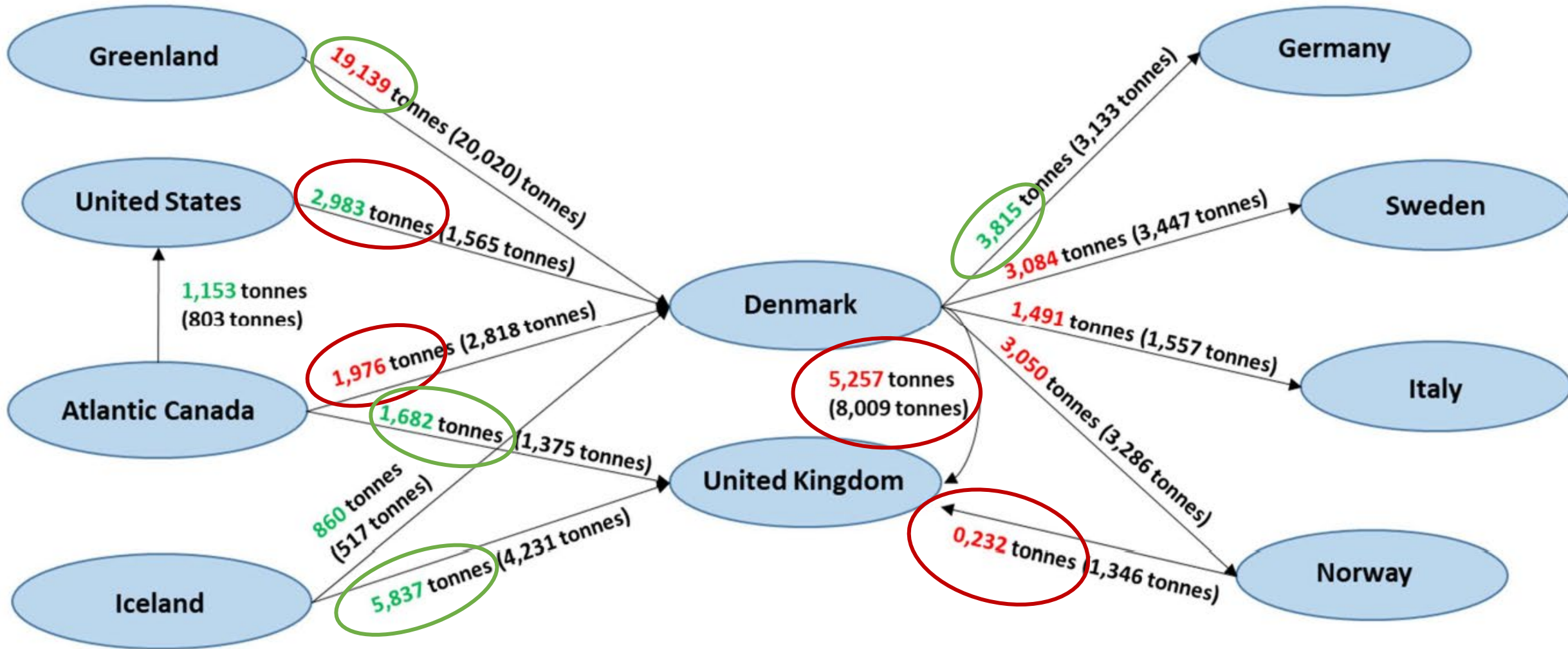
	2016	2017	2018	2019	2020	2021	2022
W Greenland TAC (tonnes)	85,000	90,000	101,250	105,000	110,000	115,000	115,000
%-change to previous year	+16	+6	+13	+4	+5	+5	

Source: Naalakkersuisut, Government of Greenland

Trade pattern shell-on 2021 (2020)



Trade pattern cooked and peeled 2021 (2020)



The Russian and Ukrainian shrimp market

Large shell-on markets

Traditionally Russian catch around 15,000 MT – 2022?

-Fishing hasn't started – certification process

	2018	2019	2020	2021
Russian import*	7.777	5.203	9.257	18.379
Ukrainian import**	2.826	4.107	6.531	8.501
Total	10.603	9.310	15.788	26.880

*Russian import is almost exclusively Greenlandic shrimp

**Ukrainian import is approx. 70% from Canada, 20% from Greenland and 10% from other places

Source: Trademap

How will this shrimp enter the market?

Ukrainian import is starting again

Thank you for your attention



Kasper Teilmann, Partner

GEMBA Seafood Consulting

kat@gemba.dk

m. +45 2870 2580

www.gembaseafood.dk

