



# 2019 EMSA's CleanSeaNet Statistics within HELCOM region

28<sup>th</sup> meeting of the HELCOM Response Group

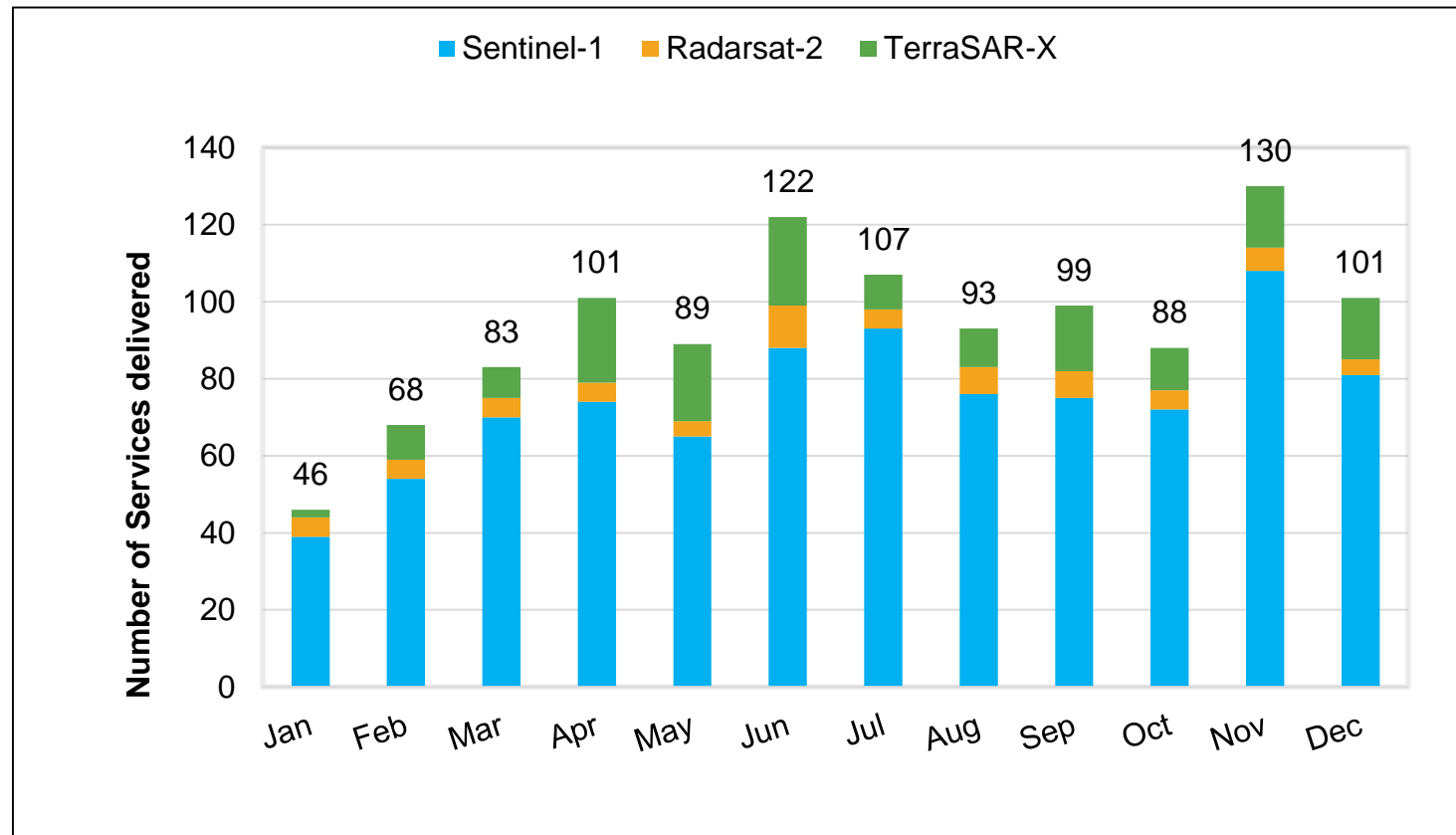
Teresa Cunha - Unit 2.2 Surveillance

Department 2 – Safety, Security and Surveillance

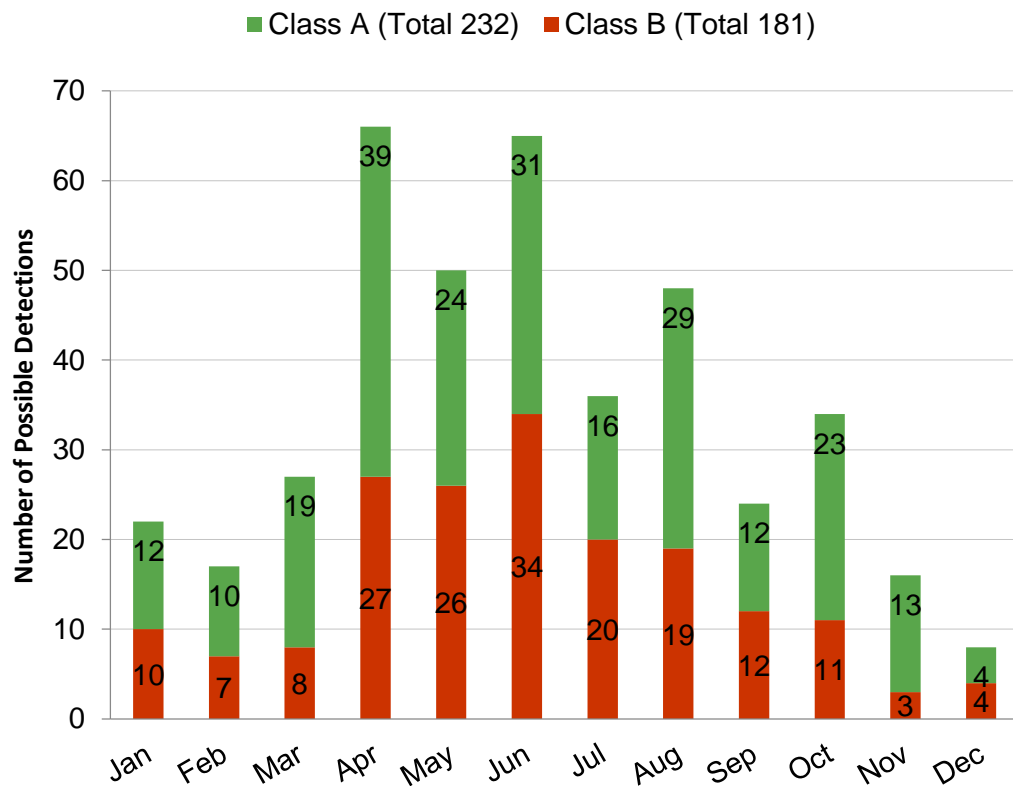
On-line meeting / 3-5 November 2020



During the period from January through December 2019, CSN delivered in total **1127** (807 in 2018) service deliveries to the HELCOM region.



# CleanSeaNet Detections: monthly distribution



**In total 413 (471 in 2018) detections (oil spills) were reported in 2019 of which:**

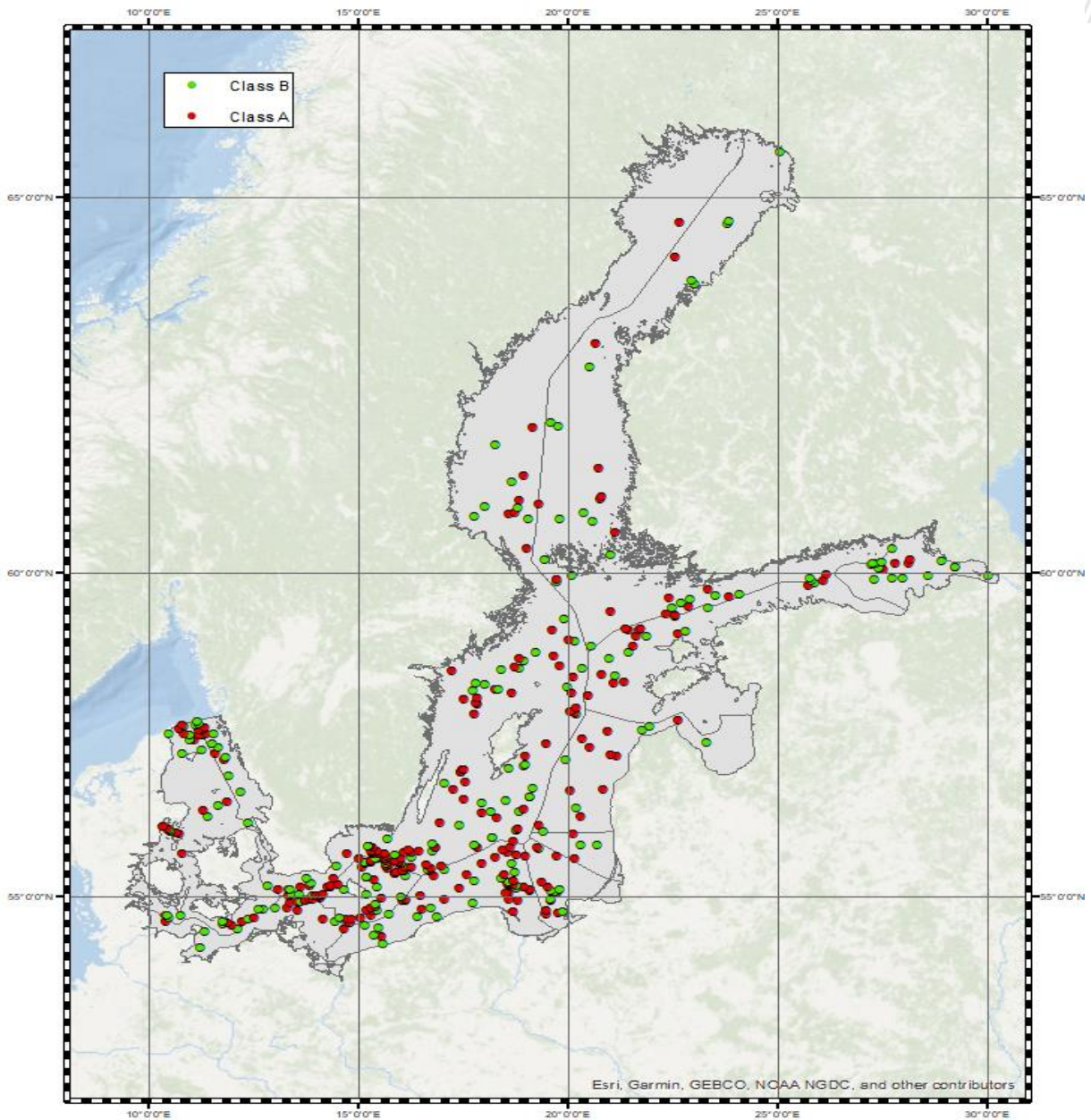
**232** classified as Class A

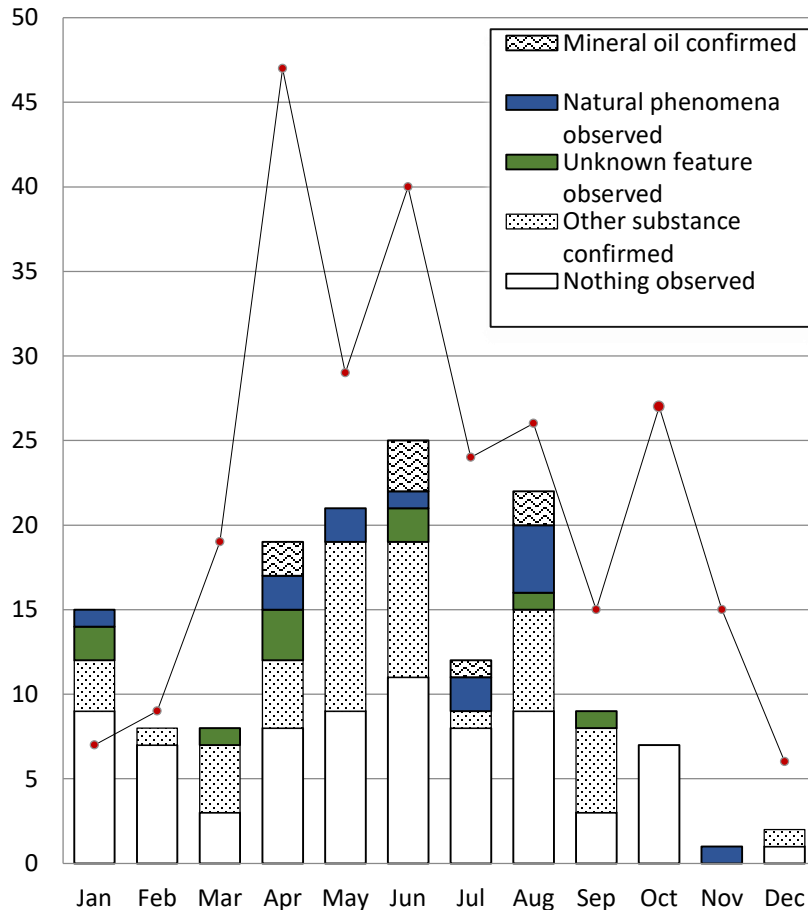
**181** classified as Class B

**Class A** - detection is **probably** a spill (mineral / vegetable / fish oil or a chemical product)

**Class B** - detection is **possibly** a spill (mineral / vegetable / fish oil or a chemical product)

# Spatial distribution of CSN detections 2019





**Out of 413 CSN detections 149 were checked by Coastal States.**

**Of the ones confirmed:**

- ✓ 8 were reported as “Mineral oil confirmed”
- ✓ 43 were reported as “Other substance confirmed”
- ✓ 13 were reported as “Natural phenomena observed”
- ✓ 10 was reported as “Unknown feature observed”
- ✓ 75 nothing was observed

Country Waters	Verified Satellite Detections*						Not Checked or no Feedback
	CSN Detections	Mineral oil confirmed	Natural phenomena observed	Nothing observed	Other substance confirmed	Unknown feature observed	
Denmark	81	2	5	24	5	2	43
Estonia	21	1	2	1	0	0	17
Finland	38	1	1	7	10	1	18
Germany	18	1	0	12	3	0	2
Latvia	16	0	0	3	2	0	11
Lithuania	4	2	0	2	0	0	0
Poland	47	1	0	5	7	2	32
Russia	33	0	0	0	0	0	33
Sweden	155	0	5	21	16	5	108
<b>TOTAL</b>	<b>413</b>	<b>8</b>	<b>13</b>	<b>75</b>	<b>43</b>	<b>10</b>	<b>264</b>

(Source: Feedback provided by Coastal States and stored in the CleanSeaNet database [in February 2020](#).)

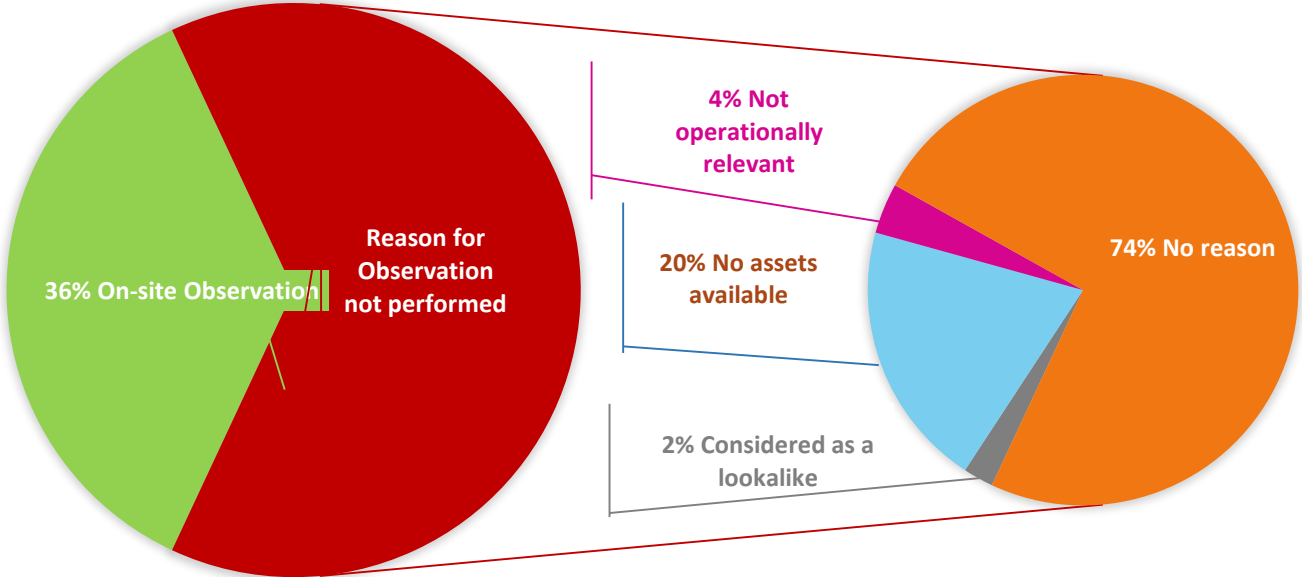
\*The distribution of detections between the countries has been undertaken using the Exclusive Economic Zones published on the HELCOM website (<http://maps.helcom.fi>) and the centre position of the CSN detections. As a consequence, numbers in the table above might be slightly different from figures based on CleanSeaNet Alert Areas and calculated using detection polygons.

# Reasons for no verification 2019

Country Waters	Reason for Observation not performed			No Reason	Not Checked or no Feedback
	Considered as a lookalike	No assets available	Not operationally relevant		
Denmark	6	16	6	15	43
Estonia	-	-	2	15	17
Finland	-	1	-	17	18
Germany	-	2	-	-	2
Latvia	-	-	1	10	11
Lithuania	-	-	-	-	0
Poland	-	32	-	-	32
Russia	-	-	1	32	33
Sweden	-	2	-	106	108
<b>TOTAL</b>	6	53	10	195	264

(Source: Feedback provided by Coastal States and stored in the CleanSeaNet database [in February 2020](#).)

# Reasons for observation not performed



(Source: Feedback provided by Coastal States and stored in the CleanSeaNet database in February 2020.)





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