

# 2016 Cod NS (COD/2A3AX4)

Member States		Belgium	Denmark	France	Germany	The Netherlands	UK	Sweden
Union TAC for 2016 (t)	27930							
Union TAC + uplift 0,0%	27930							
<b>baseline</b>	Initial quota share 2016 (%)	3.56	20.45	4.40	12.97	11.56	46.93	0.14
	Initial quota 2016 (t)	994	5713	1228	3622	3228	13107	38
<b>potential</b>	Final quota 2016 (after banking and borrowing)	1201	6913	1486	2362	1549	15859	46
	Special conditions							382
<b>STECF data</b>	Reported landings 2016 (t)	1102.73	9271.69	395.49	2091	1330	16889	370.15
	Reported discards 2016 (t)	233	477.6	68.55	68	62	8089	15.88
	Discard rates 2016 (%)	17%	5%	15%	3%	4%	32%	4%
	Total catch 2016 (t)	40464	9749	464	2159	1392	24978	386

effect swaps 2016		Belgium	Denmark	France	Germany	The Netherlands	UK	Sweden
Landing STECF / Initial quota		1.11	1.62	0.32	0.58	0.41	1.29	9.74
Landing STECF / Final quota		0.92	1.34	0.27	0.89	0.86	1.06	8.05
Catches STECF / Initial quota share		1.34	1.71	0.38	0.60	0.43	1.91	10.16
Catches STECF / Final quota		1.11	1.41	0.31	0.91	0.90	1.58	8.39
Estimated Surplus/Deficit by Member State		1.11	1.41	0.31	0.91	0.90	1.58	8.39
Estimated Surplus/Deficit by Member State (t)		-135	-2836	1022	203	157	-9119	42

Choke Category 2 (Regional) or 3 (Biological)?		Belgium	Denmark	France	Germany	The Netherlands	UK	Sweden
Indicate:	2	+	+	0	-	-	+	
- Mainly target, by-catch fisheries or both		B	T/B	B	T/B	B	T/B	B
- Main sources of unwanted catches								

Mitigation actions:	Would this action have an economic impact	Reason for using the action	Reason for not using the action	Responsibility*
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Avoidance	Enter avoidance measure beyond existing measures that may reduce the unwanted catch of a species	"Y" for yes, "N" for no, "?" if unknown										
	Closed/Restricted Areas	Y	Y	Y	Y	Y	Y	Y	Y	Experience with the cod recovery plan/emergency closure (not carried out in all MS)		
	Real Time Closures (for juveniles and/or spawning aggregations)	Y	Y	Y	Y	Y	Y	Y	Y	Experience with the cod recovery plan		
	Voluntary avoidance actions	Y	Y	Y	Y	Y	Y	Y	Y			
Selectivity	Measures above regulatory requirements that may reduce the unwanted catch of a species	"Y" for yes, "N" for no, "?" if unknown										
	Size selectivity - Increasing codend mesh size	N	N	N	N	N	N	N	na (Y)			
	- Escape panels	N	N	N	N	N	N	N	na (Y)	In the nephrops fisheries cod is a valuable bycatch		
	Species Selectivity - Sorting devices	Y	Y	N	Y	Y	Y	Y	na (Y)			
Quota	- Trawl modifications e.g. cutaway trawls, raised footrope	Y	Y	Y	Y	Y	Y	Y	Y	der, light, sound, articulated (semi-)rigid grid. Be	More trials are needed, not for the short term	
	- Behavioural response	Y	Y	Y	Y	Y	Y	Y	Y			
	Swapping	Y	Y	Y	Y	Y	Y	Y	Y			
Exemptions	Indicate how much relief exemptions will provide:	"Y" for yes, "N" for no, "?", "0" (0-TAC) or "Little" (Discard Rate >> DM) or "sufficient" (Discard Rate < DM)										
	High survival	N	N	N	N	N	N	N	N	There is a survivability exemption in certain coastal fisheries		
	de minimis (based on single TAC)	Y	Y	Y	Y	Y	Y	Y	Y			
	de minimis (based on combined TACs)	Y	Y	Y	Y	Y	Y	Y	Y		We should be careful that a de minimis doesn't de-incentivise increasing selectivity	

General conclusions:	There are some possibilities in avoidance, selectivity and de minimis. Swapping is very important for some MS (Belgium, UK), which makes it important that this will stay as flexible as possible in the future.						
Estimated reduction of the choke problem after "Other" mitigation actions:	200% increase in TAC?						

Vandamme, Sara:  
 ICES 2015 advice area 7.e-k  
<http://www.ices.dk/sites/pub/Publication%20Reports/Advice/2015/2015/cod-7e-k.pdf>

catch options:  
 Not quantified because of variable discard rates in the recent past.

Table 5.3.10.8 Cod in Divisions VIIe-k. Catch distribution by fleet in 2014 as estimated by ICES:

64 % : otter trawl  
 17% : beam trawl  
 16%: seine  
 0% : gillnets  
 2%: other

**\* Responsibility for this action :**

Individual vessels  
Producer Organisation (PO)  
Member States: avoid chokes  
Regional Member States  
European Commission  
Council of Ministers  
Co-decision