

Annex 1. NIC 2020 assessment results with country per basin

Tables A and B provide results on assessing fulfilment of the NICs from the BSAP 2021 update based on annual air- and waterborne total nitrogen (TN) and total phosphorus (TP) inputs to the Baltic Sea 1995-2020 by evaluating the estimated nutrient inputs in 2020 - the NIC2020 assessment. The NIC2020 assessment is compared with the corresponding results from the NIC2017 assessment (based on 1995-2017 data) where the former NICs were assessed (results from the original NIC2017 assessment).

The tables include the NIC from BSAP 2021 update, the estimated inputs in 2020 (according to PLC guidelines 2022 and Svendsen and Larsen, 2022), the test values 2020 (estimated input + estimated uncertainty), extra reduction by 2020 (colored green) or remaining reduction by 2020 (yellow or red), if there is a remaining reduction by 2020 the percentages of remaining reduction in % of the ceiling (NIC), the results by 2020 if we take into account extra reduction and how the extra reduction are applied, and then also changes in percentage in inputs since reference period to 2020 if changes are statistical significant as last row in each country per basin table.

From the NIC2017 assessment the former NIC (used in the NIC2017 assessment) the estimated inputs in 2017, the test values 2017 (estimated input + estimated uncertainty), extra reduction by 2017 (colored green) or remaining reduction by 2017 (yellow or red), and if there is a remaining reduction by 2017 the percentages of remaining reduction in % of the ceiling (NIC) are included.

In the technical report that will be elaborated later during this year and sent to the Pressure group contacts in early 2023, the tables will be included with further supporting tables and some extra text to explain and evaluate the results.

Abbreviations used in the tables:

BOB:	Bothnian Bay
BOS:	Bothnian Sea
BAP:	Baltic Proper
GUF:	Gulf of Finland
GUR:	Gulf of Riga
DS:	Danish Straits
KAT:	Kattegat
NIC:	Nutrient input ceiling
TN:	Total Nitrogen
TP:	Total phosphorus

All numbers in the tables are in tonnes except for the row with “remaining in % of ceilings”, “remaining in % of ceilings taking into account extra reduction”, and “significant changes since the reference period to 2020” that are in percentages.

Table A. Assessment of nitrogen NICs. Explanation is on first page of the annex.

Belarus TN					BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)							13456		12820		
B: Estimated input 2020							16935		10917		
C: Inputs 2020 including uncertainty (test value)							17629		12546		
Extra reduction by 2020 (A-C)									274		
Remaining reduction to fulfill NIC by 2020							4173				
Remaining in % of ceiling							31				
F: Input ceilings from NIC2017 assessment							7322		6352		
D: Estimate input 2017							16559		12327		
E: Input 2017 including uncertainty (test value)							18182		13526		
Extra reduction by 2017 (F-E)											
Remaining reduction to fulfill NIC by 2017							10861		7175		
Remaining in % of ceiling							148		113		
Significant changes since reference period (%) to 2020											

Czech Republic TN					BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)							3551				
B: Estimated input 2020							3524				
C: Inputs 2020 including uncertainty (test value)							4259				
Extra reduction by 2020 (A-C)											
Remaining reduction to fulfill NIC by 2017							708				
Remaining in % of ceiling							20				
F: Input ceilings from NIC2017 assessment							2693				
D: Estimate input 2017							2740				
E: Input 2017 including uncertainty (test value)							3200				
Extra reduction by 2017 (F-E)											
Remaining reduction to fulfill NIC by 2017							507				
Remaining in % of ceiling							19				
Significant changes since reference period (%) to 2020											

Denmark TN					BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)					280	1148	9025	421	462	28067	28538
B: Estimated input 2020					155	628	8026	272	254	23597	25280
C: Inputs 2020 including uncertainty (test value)					165	662	8339	287	266	25527	26112
Extra reduction by 2020 (A-C)					115	486	686	134	196	2540	2426
Remaining reduction to fulfill NIC by 2020											
Remaining in % of ceiling											
<i>Accounting for extra reduction</i>											
<i>Remaining taking into account extra reduction</i>											
F: Input ceilings from NIC2017 assessment					231	904	7910	334	381	30313	29319
D: Estimate input 2017					151	612	7835	272	246	21079	23615
E: Input 2017 including uncertainty (test value)					157	632	8119	282	253	22747	24707
Extra reduction by 2017 (F-E)					74	272		52	128	7566	4613
Remaining reduction to fulfill NIC by 2017							209				
Remaining in % of ceiling							2,6				
Significant changes since reference period (%) to 2020											

Estonia TN	BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)	113	404	1478	11334	13099	22	24
B: Estimated input 2020	82	288	1518	12219	16047	14	17
C: Inputs 2020 including uncertainty (test value)	87	304	1671	12726	17572	15	18
Extra reduction by 2020 (A-C)	26	100				7	6
Remaining reduction to fulfill NIC by 2020			193	1392	4473		
Remaining in % of ceiling			13	12	34		
Accounting for extra reduction			-2				
Remaining taking into account extra reduction			191				
Remaining in % of ceiling taking into account extra reduction			13				
Extra reduction in DS is used to reduced the remaining reduction requirements in BAP with 2 tons TN							
F: Input ceilings from NIC2017 assessment	95	317	1413	11265	13029	18	20
D: Estimate input 2017	96	338	1766	13604	12726	18	21
E: Input 2017 including uncertainty (test value)	98	346	1840	14183	13501	18	21
Extra reduction by 2017 (F-E)						0	
Remaining reduction to fulfill NIC by 2017	3	29	427	2918	472		1
Remaining in % of ceiling	3,2	9,3	30	26	3,6		6,8
Significant changes since reference period (%) to 2020	-33	-29	-19	-10	23	-35	-33

Finland TN	BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)	35087	28700	1827	20457	295	76	89
B: Estimated input 2020	34298	25581	1237	20293	159	35	46
C: Inputs 2020 including uncertainty (test value)	35642	26917	1284	21315	165	37	48
Extra reduction by 2020 (A-C)		1783	543		130	39	41
Remaining reduction to fulfill NIC by 2020	555			858			
Remaining in % of ceiling	1,6			4,2			
Accounting for extra reduction	-229						
Remaining taking into account extra reduction	326						
Remaining in % of ceiling taking into account extra reduction	0,9						
Extra reduction in BOS is used to reduced the remaining reduction requirements in BOB with 229 tons TN							
F: Input ceilings from NIC2017 assessment	35081	29619	1569	20653	255	64	77
D: Estimate input 2017	34393	24446	1406	21396	180	43	56
E: Input 2017 including uncertainty (test value)	35500	26485	1442	22198	185	45	57
Extra reduction by 2017 (F-E)		3135	127		70	19	20
Remaining reduction to fulfill NIC by 2017	419			1544			
Remaining in % of ceiling	1,2			7,5			
Significant changes since reference period (%) to 2020	-8,1	-12	-48	-20	-48	-52	-51

Germany TN					BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)					947	3920	34105	1645	1747	23647	4661
B: Estimated input 2020					628	2502	34778	1263	1112	18134	3487
C: Inputs 2020 including uncertainty (test value)					641	2553	35612	1288	1133	19314	3543
Extra reduction by 2020 (A-C)					306	1367		357	614	4333	1118
Remaining reduction to fulfill NIC by 2020							1507				
Remaining in % of ceiling							4,4				
Accounting for extra reduction							-660				
Remaining taking into account extra reduction							847				
Remaining in % of ceiling taking into account extra reduction							2,5				
<i>Extra reduction in DS, GUF and GUR is used to reduced the remaining reduction requirements in BAP with 660 tons TN</i>											
F: Input ceilings from NIC2017 assessment					817	3170	27473	1312	1465	21957	3285
D: Estimate input 2017					746	2995	37316	1537	1331	18414	4117
E: Input 2017 including uncertainty (test value)					755	3028	38204	1554	1345	19419	4159
Extra reduction by 2017 (F-E)					62	142			120	2539	
Remaining reduction to fulfill NIC by 2017							10731	242			874
Remaining in % of ceiling							39	18			27
Significant changes since reference period (%) to 2020					-37	-36	-20	-36	-35	-21	-31

Latvia TN					BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)					73	330	6457	246	43074	31	34
B: Estimated input 2020					71	308	11955	277	41735	27	32
C: Inputs 2020 including uncertainty (test value)					73	313	13237	281	44402	27	33
Extra reduction by 2020 (A-C)					0	17				4	1
Remaining reduction to fulfill NIC by 2020							6780	35	1328		
Remaining in % of ceiling							105	14	3,1		
Accounting for extra reduction							-1				
Remaining taking into account extra reduction							6779				
Remaining in % of ceiling taking into account extra reduction							105,0				
<i>Extra reduction in DS is used to compensated for the remaining reduction requirement with 1 tons TN in BAP</i>											
F: Input ceilings from NIC2017 assessment					63	273	6091	183	53898	24	25
D: Estimate input 2017					74	328	10965	300	43255	30	35
E: Input 2017 including uncertainty (test value)					76	333	11631	304	46387	30	36
Extra reduction by 2017 (F-E)									7511		
Remaining reduction to fulfill NIC by 2017					12	60	5540	121		6	11
Remaining in % of ceiling					19	22	91	66		24	43
Significant changes since reference period (%) to 2020					-14	-12	48	-9,5		-14	-13

Lithuania TN	BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)	108	495	25878	305	8820	66	80
B: Estimated input 2020	114	503	51857	363	12868	62	82
C: Inputs 2020 including uncertainty (test value)	117	517	57685	373	14296	64	84
Extra reduction by 2020 (A-C)						2	
Remaining reduction to fulfill NIC by 2020	9	22	31807	68	5476		4
Remaining in % of ceiling	8,8	4,5	123	22	62		5,5
Accounting for extra reduction							-1
Remaining taking into account extra reduction							3
Remaining in % of ceiling taking into account extra reduction							4,2
Extra reduction in DS is used to reduced the remaining reduction requirements in KAT with 1 tons TN							
F: Input ceilings from NIC2017 assessment	110	491	33093	261	5795	54	60
D: Estimate input 2017	115	508	49060	382	9558	66	87
E: Input 2017 including uncertainty (test value)	117	517	53565	389	10303	67	89
Extra reduction by 2017 (F-E)							
Remaining reduction to fulfill NIC by 2017	7	25	20471	128	4509	13	29
Remaining in % of ceiling	6,2	5,1	62	49	78	24	48
Significant changes since reference period (%) to 2020			62		55		

Poland TN	BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)	668	3125	151969	1407	1596	1480	1443
B: Estimated input 2020	556	2468	170361	1317	1248	1125	1210
C: Inputs 2020 including uncertainty (test value)	570	2529	182547	1349	1278	1153	1240
Extra reduction by 2020 (A-C)	98	596		58	318	327	203
Remaining reduction to fulfill NIC by 2020			30578				
Remaining in % of ceiling			20				
Accounting for extra reduction			-333				
Remaining taking into account extra reduction			30245				
Remaining in % of ceiling taking into account extra reduction			20				
Extra reduction in DS, GUF and GUR is used to reduced the remaining reduction requirements in BAP with 33 tons TN							
F: Input ceilings from NIC2017 assessment	644	2802	160857	1166	1361	1125	1106
D: Estimate input 2017	619	2767	191775	1519	1385	1290	1361
E: Input 2017 including uncertainty (test value)	624	2832	195171	1554	1417	1321	1394
Extra reduction by 2017 (F-E)	20						
Remaining reduction to fulfill NIC by 2017		30	34314	388	56	196	288
Remaining in % of ceiling		1,1	21	33	4,1	17	26
Significant changes since reference period (%) to 2020	-25	-25	-11	-25	-25	-26	-25

Russia TN	BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)	839	1993	10317	61503	3296	238	245
B: Estimated input 2020	854	1918	9712	72640	2775	210	238
C: Inputs 2020 including uncertainty (test value)	861	1935	11437	78463	3063	212	240
Extra reduction by 2020 (A-C)		58			233	26	5
Remaining reduction to fulfill NIC by 2020	22		1120	16960			
Remaining in % of ceiling	2,7		11	28			
Accounting for extra reduction			-187				
Remaining taking into account extra reduction			933				
Remaining in % of ceiling taking into account extra reduction			9,0				
Extra reduction in DS and GUR is used to reduced the remaining reduction requirements in BAP with 187 tons TN							
F: Input ceilings from NIC2017 assessment	710	1551	9253	62522	2516	174	174
D: Estimate input 2017	876	1992	13841	63185	3761	233	261
E: Input 2017 including uncertainty (test value)	889	2022	14398	65320	4059	237	265
Extra reduction by 2017 (F-E)							
Remaining reduction to fulfill NIC by 2017	179	471	5145	2798	1543	63	91
Remaining in % of ceiling	25	30	56	4,5	61	36	52
Significant changes since reference period (%) to 2020	-11	-11	-29		-14	-12	-11

Sweden TN	BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)	17718	32633	30690	626	525	6056	32799
B: Estimated input 2020	13859	25800	38523	509	366	6053	28257
C: Inputs 2020 including uncertainty (test value)	14499	26843	40600	515	370	6615	29043
Extra reduction by 2020 (A-C)	3219	5790		111	155		3756
Remaining reduction to fulfill NIC by 2020			9910			559	
Remaining in % of ceiling			32			9,2	
Accounting for extra reduction			-148			-516	
Remaining taking into account extra reduction			9762			43	
Remaining in % of ceiling taking into account extra reduction			32			0,7	
Extra reduction in DS and GUR is used to reduced the remaining reduction requirements in BAP with 148 tons TN, and extra reduction is used to reduce remaining reduction requirements in DS with 516 tons TN							
F: Input ceilings from NIC2017 assessment	17924	33350	30942	502	449	6224	34206
D: Estimate input 2017	15646	25619	37096	507	354	5142	28210
E: Input 2017 including uncertainty (test value)	16273	26605	38513	513	358	5474	29321
Extra reduction by 2017 (F-E)	1652	6745			91	750	4886
Remaining reduction to fulfill NIC by 2017			7571	11			
Remaining in % of ceiling			24	2,2			
Significant changes since reference period (%) to 2020	-26	-22		-33	-30		-20

Other Countries TN					BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)					1375	5008	26947	2986	2188	4933	4502
B: Estimated input 2020					1837	6657	34429	3715	2731	6137	7054
C: Inputs 2020 including uncertainty (test value)					1866	6763	35012	3772	2775	6249	7161
Extra reduction by 2020 (A-C)											
Remaining reduction to fulfill NIC by 2020					491	1755	8065	786	587	1316	2659
<i>Remaining in % of ceiling</i>					36	35	30	26	27	27	59
F: Input ceilings from NIC2017 assessment					1876	6603	33002	3455	2804	5880	5579
D: Estimate input 2017					2174	7859	41181	4340	3129	7790	7615
E: Input 2017 including uncertainty (test value)					2197	7945	41643	4396	3166	7891	7711
Extra reduction by 2017 (F-E)											
Remaining reduction to fulfill NIC by 2017					321	1342	8641	941	362	2011	2132
<i>Remaining in % of ceiling</i>					17	20	26	27	13	34	38
Significant changes since reference period (%) to 2020					-38	-37	-39	-35	-35	-43	-32

Table B. Assessment of phosphorus NICs. Explanation is on first page of the annex.

Belarus TP					BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)							349		407		
B: Estimated input 2020							801		614		
C: Inputs 2020 including uncertainty (test value)							867		655		
Extra reduction by 2020 (A-C)											
Remaining reduction to fulfill NIC by 2020							518		248		
Remaining in % of ceiling							148		61		
F: Input ceilings from NIC2017 assessment							244		797		
D: Estimate input 2017							880		711		
E: Input 2017 including uncertainty (test value)							964		765		
Extra reduction by 2017 (F-E)									31		
Remaining reduction to fulfill NIC by 2017							720				
Remaining in % of ceiling							295				
Significant changes since reference period (%) to 2020							-13				

Czech Republic TP					BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)							57				
B: Estimated input 2020							89				
C: Inputs 2020 including uncertainty (test value)							122				
Extra reduction by 2020 (A-C)											
							65				
Remaining in % of ceiling							114				
0											
F: Input ceilings from NIC2017 assessment							108				
D: Estimate input 2017							258				
E: Input 2017 including uncertainty (test value)							312				
Extra reduction by 2017 (F-E)											
Remaining reduction to fulfill NIC by 2017							204				
Remaining in % of ceiling							189				
Significant changes since reference period (%) to 2020							-41				

Denmark TP					BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)							21			979	815
B: Estimated input 2020							44			643	683
C: Inputs 2020 including uncertainty (test value)							48			694	704
Extra reduction by 2020 (A-C)										285	111
Remaining reduction to fulfill NIC by 2020							26				
Remaining in % of ceiling							125				
Accounting for extra reduction							-90				
Remaining taking into account extra reduction							0				
Remaining in % of ceiling taking into account extra reduction							0				
<i>Extra reduction in DS is used to compensated for the remaining reduction requirement of 26 tons TP in BAP</i>											
F: Input ceilings from NIC2017 assessment							21			1040	829
D: Estimate input 2017							41			769	706
E: Input 2017 including uncertainty (test value)							45			818	726
Extra reduction by 2017 (F-E)										222	103
Remaining reduction to fulfill NIC by 2017							23				
Remaining in % of ceiling							109				
Significant changes since reference period (%) to 2020							-20			-29	-18

Estonia TP					BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)							9	225	185		
B: Estimated input 2020							17	281	233		
C: Inputs 2020 including uncertainty (test value)							20	313	252		
Extra reduction by 2020 (A-C)											
Remaining reduction to fulfill NIC by 2020							11	88	67,0		
Remaining in % of ceiling							117	39	36		
F: Input ceilings from NIC2017 assessment							8	236	239		
D: Estimate input 2017							22	274	210		
E: Input 2017 including uncertainty (test value)							24	317	239		
Extra reduction by 2017 (F-E)											
Remaining reduction to fulfill NIC by 2017							16	81	0,4		
Remaining in % of ceiling							194	34	0,2		
Significant changes since reference period (%) to 2020							-26	-45	-18		

Finland TP					BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)					1683	1246		315			
B: Estimated input 2020					1483	1283		610			
C: Inputs 2020 including uncertainty (test value)					1561	1346		653			
Extra reduction by 2020 (A-C)					122						
Remaining reduction to fulfill NIC by 2020						100		338			
Remaining in % of ceiling						8,0		107			
Accounting for extra reduction						-15					
Remaining taking into account extra reduction						85					
Remaining in % of ceiling taking into account extra reduction						6,8					
<i>Extra reduction in BOB is used to reduced the remaining reduction requirements in BOS with 15 tons TP</i>											
F: Input ceilings from NIC2017 assessment					1668	1255		322			
D: Estimate input 2017					1545	1292		634			
E: Input 2017 including uncertainty (test value)					1608	1357		668			
Extra reduction by 2017 (F-E)					60						
Remaining reduction to fulfill NIC by 2017						103		346			
Remaining in % of ceiling						8,2		107			
Significant changes since reference period (%) to 2020					-18			-17			

Germany TP					BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)							203			401	
B: Estimated input 2020							414			302	
C: Inputs 2020 including uncertainty (test value)							444			332	
Extra reduction by 2020 (A-C)										69,2	
Remaining reduction to fulfill NIC by 2020							241				
Remaining in % of ceiling							119				
Accounting for extra reduction							-22				
Remaining taking into account extra reduction							219				
Remaining in % of ceiling taking into account extra reduction							108				
Extra reduction in DS is used to reduced the remaining reduction requirements in BAP with 22 tons TP											
F: Input ceilings from NIC2017 assessment							101			351	
D: Estimate input 2017							274			324	
E: Input 2017 including uncertainty (test value)							287			350	
Extra reduction by 2017 (F-E)										0,2	
Remaining reduction to fulfill NIC by 2017							186				
Remaining in % of ceiling							184				
Significant changes since reference period (%) to 2020							0			-14	

Latvia TP					BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)							167		1061		
B: Estimated input 2020							214		1198		
C: Inputs 2020 including uncertainty (test value)							278		1316		
Extra reduction by 2020 (A-C)											
Remaining reduction to fulfill NIC by 2020							111		255		
Remaining in % of ceiling							66		24		
F: Input ceilings from NIC2017 assessment							74		541		
D: Estimate input 2017							238		1199		
E: Input 2017 including uncertainty (test value)							290		1337		
Extra reduction by 2017 (F-E)											
Remaining reduction to fulfill NIC by 2017							217		796		
Remaining in % of ceiling							295		147		
Significant changes since reference period (%) to 2020							-50				

Lithuania TP	BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)			703		175		
B: Estimated input 2020			991		7		
C: Inputs 2020 including uncertainty (test value)			1091		74		
Extra reduction by 2020 (A-C)					101		
Remaining reduction to fulfill NIC by 2020			388				
Remaining in % of ceiling			55				
Accounting for extra reduction			-66				
Remaining taking into account extra reduction			322				
Remaining in % of ceiling taking into account extra reduction			46				
Extra reduction in GUR is used to reduced the remaining reduction requirements in BAP with 45 tons TP							
F: Input ceilings from NIC2017 assessment			831		166		
D: Estimate input 2017			984		27		
E: Input 2017 including uncertainty (test value)			1101		97		
Extra reduction by 2017 (F-E)					69		
Remaining reduction to fulfill NIC by 2017			271				
Remaining in % of ceiling			33				
Significant changes since reference period (%) to 2020			-45		-97		

Poland TP	BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)			4198				
B: Estimated input 2020			8167				
C: Inputs 2020 including uncertainty (test value)			8964				
Extra reduction by 2020 (A-C)							
Remaining reduction to fulfill NIC by 2020			4766				
Remaining in % of ceiling			114				
F: Input ceilings from NIC2017 assessment			4309				
D: Estimate input 2017			8742				
E: Input 2017 including uncertainty (test value)			9359				
Extra reduction by 2017 (F-E)							
Remaining reduction to fulfill NIC by 2017			5050				
Remaining in % of ceiling			117				
Significant changes since reference period (%) to 2020			-22				

Russia TP	BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)			242	2909	99		
B: Estimated input 2020			410	3092	106		
C: Inputs 2020 including uncertainty (test value)			607	3919	124		
Extra reduction by 2020 (A-C)							
Remaining reduction to fulfill NIC by 2020			365	1010	25		
Remaining in % of ceiling			151	35	26		
F: Input ceilings from NIC2017 assessment			277	2892	185		
D: Estimate input 2017			692	1841	209		
E: Input 2017 including uncertainty (test value)			754	3174	225		
Extra reduction by 2017 (F-E)							
Remaining reduction to fulfill NIC by 2017			477	282	41		
Remaining in % of ceiling			172	9,8	22,1		
Significant changes since reference period (%) to 2020			-36	-54	-24		

Sweden TP	BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)	811	1133	318			116	753
B: Estimated input 2020	728	729	706			84	679
C: Inputs 2020 including uncertainty (test value)	842	809	728			89	718
Extra reduction by 2020 (A-C)		324				27	35
Remaining reduction to fulfill NIC by 2020	31		410				
Remaining in % of ceiling	3,8		129				
Accounting for extra reduction	-101		-224				
Remaining taking into account extra reduction	0		186				
Remaining in % of ceiling taking into account extra reduction	0		58				
<i>A proportion of extra reduction in BOS is used to compensated for the remaining reduction requirement of 31 tons TP in BOB</i>							
<i>Extra reduction in BOB and DS is used to reduced the remaining reduction requirements in BAP with 224 tons TP</i>							
F: Input ceilings from NIC2017 assessment	826	1125	308			105	740
D: Estimate input 2017	789	760	691			80	735
E: Input 2017 including uncertainty (test value)	870	822	715			85	772
Extra reduction by 2017 (F-E)		303				20	
Remaining reduction to fulfill NIC by 2017	44		407				32
Remaining in % of ceiling			132				4,3
Significant changes since reference period (%) to 2020		-37	-14			-20	

Ukraine TP	BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)			47				
B: Estimated input 2020			159				
C: Inputs 2020 including uncertainty (test value)			178				
Extra reduction by 2020 (A-C)							
Remaining reduction to fulfill NIC by 2020			131				
Remaining in % of ceiling			279				
F: Input ceilings from NIC2017 assessment			33				
D: Estimate input 2017			223				
E: Input 2017 including uncertainty (test value)			241				
Extra reduction by 2017 (F-E)							
Remaining reduction to fulfill NIC by 2017			208				
Remaining in % of ceiling			622				
Significant changes since reference period (%) to 2020			29				