

Annex

Tables by country (or sources) with assessment of progress towards total nitrogen (TN) NIC followed by total phosphorus (TP) NIC by 2022 presented country by basin with the corresponding results from NIC 2020 are also shown. All numbers in the table are in tonnes beside the row with “remaining in % of ceilings”, “remaining in % of ceilings taking into account extra reduction”, and “significant changes since the reference period to 2022/2020” that are in percentages. Only significant percentages changes since the reference period are shown. Colors are used as defined under table 0.3. “-“ no trend.

NITROGEN

Belarus TN	BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)			13,456		12,820		
B: Estimated input 2022			16,812		11,172		
C: Inputs 2022 including uncertainty (test value)			17,469		12,577		
Extra reduction by 2022 (A-C)					243		
Remaining reduction to fulfill NIC by 2022			4,013				
Remaining in % of ceiling			30				
Significant changes since reference period (%) to 2022			-		-		
A : Input ceiling (NIC BSAP2021 update)			13,456		12,820		
D: Estimated input 2020			16,935		10,917		
E: Inputs 2020 including uncertainty (test value)			17,629		12,546		
Extra reduction by 2020 (A-E)					274		
Remaining reduction to fulfill NIC by 2020			4,173				
Remaining in % of ceiling			31				
Significant changes since reference period (%) to 2020			-		-		

Czech Republic TN	BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)			3,551				
B: Estimated input 2022			3,239				
C: Inputs 2022 including uncertainty (test value)			3,891				
Extra reduction by 2022 (A-C)							
Remaining reduction to fulfill NIC by 2020			340				
Remaining in % of ceiling			10				
Significant changes since reference period (%) to 2022			-32				
A : Input ceiling (NIC BSAP2021 update)			3,551				
D: Estimated input 2020			3,524				
E: Inputs 2020 including uncertainty (test value)			4,259				
Extra reduction by 2020 (A-E)							
Remaining reduction to fulfill NIC by 2020			708				
Remaining in % of ceiling			20				
Significant changes since reference period (%) to 2020			-26				
Germany TN	BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)	947	3,920	34,105	1,645	1,747	23,647	4,661
B: Estimated input 2022	540	2,209	32,746	1,089	968	17,444	3,070
C: Inputs 2022 including uncertainty (test value)	557	2,277	33,562	1,123	997	18,534	3,144
Extra reduction by 2022 (A-C)	390	1,643	543	522	750	5,113	1,517
Remaining reduction to fulfill NIC by 2022							
Remaining in % of ceiling							
Significant changes since reference period (%) to 2022	-42	-42	-23	-42	-41	-23	-37
A : Input ceiling (NIC BSAP2021 update)	947	3,920	34,105	1,645	1,747	23,647	4,661
D: Estimated input 2020	628	2,502	34,778	1,263	1,112	18,134	3,487
E: Inputs 2020 including uncertainty (test value)	641	2,553	35,612	1,288	1,133	19,314	3,543
Extra reduction by 2020 (A-E)	306	1,367		357	614	4333	1,118
Remaining reduction to fulfill NIC by 2020			1,507				
Remaining in % of ceiling			4				
Accounting for extra reduction			-660				
Remaining taking into account extra reduction			847				
Remaining in % of ceiling taking into account extra reduction			2				
Extra reduction in DS, GUF and GUR is used to reduce the remaining reduction requirements in BAP with 660 tons TN							
Significant changes since reference period (%) to 2020	-37	-36	-20	-36	-35	-21	-31

Denmark TN	BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)	280	1,148	9,025	421	462	28,067	28,538
B: Estimated input 2022	134	559	7,722	238	224	21,828	24,390
C: Inputs 2022 including uncertainty (test value)	142	589	8,047	251	235	22,786	25,484
Extra reduction by 2022 (A-C)	138	559	978	170	227	5,281	3,054
Remaining reduction to fulfill NIC by 2022							
Remaining in % of ceiling							
Significant changes since reference period (%) to 2022	-54	-53	-38	-53	-52	-25	-25
A : Input ceiling (NIC BSAP2021 update)	280	1,148	9,025	421	462	28,067	28,538
D: Estimated input 2020	155	628	8,026	272	254	23,597	25,280
E: Inputs 2020 including uncertainty (test value)	165	662	8,339	287	266	25,527	26,112
Extra reduction by 2020 (A-E)	115	486	686	134	196	2,540	2,426
Remaining reduction to fulfill NIC by 2020							
Remaining in % of ceiling							
Significant changes since reference period (%) to 2020	-49	-47	-34	-48	-46	-19	-22

Estonia TN	BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)	113	404	1,478	11,334	13,099	22	24
B: Estimated input 2022	72	264	1,993	13,646	15,008	12	15
C: Inputs 2022 including uncertainty (test value)	76	278	2,092	14,240	16,194	13	16
Extra reduction by 2022 (A-C)	37	126				9	8
Remaining reduction to fulfill NIC by 2022			614	2906	3095		
<i>Remaining in % of ceiling</i>			42	26	24		
Accounting for extra reduction			-2				
Remaining taking into account extra reduction			612				
Remaining in % of ceiling taking into account extra reduction			41				
Extra reduction in DS is used to reduce the remaining reduction requirements in BAP with 2 tons TN							
Significant changes since reference period (%) to 2022	-40	-35	-	-	28	-42	-40
A : Input ceiling (NIC BSAP2021 update)	113	404	1,478	11,334	13,099	22	24
D: Estimated input 2020	82	288	1,518	12,219	16,047	14	17
E: Inputs 2020 including uncertainty (test value)	87	304	1,671	12,726	17,572	15	18
Extra reduction by 2020 (A-E)	26	100				7	6
Remaining reduction to fulfill NIC by 2020			193	1,392	4,473		
<i>Remaining in % of ceiling</i>			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 reduce the remaining reduction requirements in BAP with 2 tons TN							
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)	35,087	28,700	1,827	20,457	295	76	89
B: Estimated input 2022	33,977	23,098	1,120	19,298	151	30	41
C: Inputs 2022 including uncertainty (test value)	35,192	25,028	1,163	20,411	157	32	42
Extra reduction by 2022 (A-C)		3,672	664	46	138	44	47
Remaining reduction to fulfill NIC by 2022	105						
<i>Remaining in % of ceiling</i>	0						
Accounting for extra reduction	-472						
Remaining taking into account extra reduction	0						
Remaining in % of ceiling taking into account extra reduction	0,0						
Extra reduction in BOS is used to reduce the remaining reduction requirements in BOB with 472 tons TN							
Significant changes since reference period (%) to 2022	-9	-17	-53	-20	-53	-57	-56
A : Input ceiling (NIC BSAP2021 update)	35,087	28,700	1,827	20,457	295	76	89
D: Estimated input 2020	34,298	25,581	1,237	20,293	159	35	46
E: Inputs 2020 including uncertainty (test value)	35,642	26,917	1,284	21,315	165	37	48
Extra reduction by 2020 (A-E)		1,783	543		130	39	41
Remaining reduction to fulfill NIC by 2020	555			858			
<i>Remaining in % of ceiling</i>	2			4			
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 reduce the remaining reduction requirements in BOB with 229 tons TN							
Significant changes since reference period (%) to 2020	-8	-12	-48	-20	-48	-52	-51

Lithuania TN	BOB	BOS	BAP	GUF	GUR	DS	KA T
A : Input ceiling (NIC BSAP2021 update)	108	495	25,878	305	8,820	66	80
B: Estimated input 2022	101	465	51,963	332	14,504	56	74
C: Inputs 2022 including uncertainty (test value)	106	485	57,161	347	16,051	59	78
Extra reduction by 2022 (A-C)	2	10				7	2
Remaining reduction to fulfill NIC by 2022			31,283	42	7,231		
Remaining in % of ceiling			121	14	82		
Accounting for extra reduction			-2				
Remaining taking into account extra reduction			31,281				
Remaining in % of ceiling taking into account extra reduction			121				
Extra reduction in DS is used to reduce the remaining reduction requirements in BAP with 2 tons TN							
Significant changes since reference period (%) to 2022	-14	-12	63	-12	76	13	-13
A : Input ceiling (NIC BSAP2021 update)	114	503	51,857	363	12868	62	82
D: Estimated input 2020	117	517	57,685	373	14296	64	84
E: Inputs 2020 including uncertainty (test value)						2	
Extra reduction by 2020 (A-E)	9	22	31,807	68	5,476		4
Remaining reduction to fulfill NIC by 2020	9	4	123	22	62		5
Accounting for extra reduction							-1
Remaining taking into account extra reduction							3
Remaining in % of ceiling taking into account extra reduction							4
Extra reduction in DS is used to reduce the remaining reduction requirements in KAT with 1 tons TN							
Significant changes since reference period (%) to 2020	-	-	62	-	55	-	-

Latvia TN	BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)	73	330	6457	246	43,074	31	34
B: Estimated input 2022	66	298	12,077	268	41,471	25	30
C: Inputs 2022 including uncertainty (test value)	68	303	13,439	272	43,922	26	31
Extra reduction by 2022 (A-C)	5	27				5	3
Remaining reduction to fulfill NIC by 2022			6982	26	848		
Remaining in % of ceiling			108	11	2		
Accounting for extra reduction			-1				
Remaining taking into account extra reduction			6,981				
Remaining in % of ceiling taking into account extra reduction			108				
Extra reduction in DS is used to compensate for the remaining reduction requirement with 1 tons TN in BAP							
Significant changes since reference period (%) to 2022	-16	-14	49	-12	-	-17	-15
A : Input ceiling (NIC BSAP2021 update)	73	330	6,457	246	43,074	31	34
D: Estimated input 2020	71	308	11,955	277	41,735	27	32
E: Inputs 2020 including uncertainty (test value)	73	313	13,237	281	44,402	27	33
Extra reduction by 2020 (A-E)	0	17				4	1
Remaining reduction to fulfill NIC by 2020			6,780	35	1,328		
Remaining in % of ceiling			105	14	3		
Accounting for extra reduction			-1				
Remaining taking into account extra reduction			6,779				
Remaining in % of ceiling taking into account extra reduction			105				
Extra reduction in DS is used to compensate for the remaining reduction requirement with 1 tons TN in BAP							
Significant changes since reference period (%) to 2020	-14	-12	48	-10	-	-14	-13

OC = other countries /sources

OC TN	BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)	1,375	5,008	26,947	2,986	2,188	4,933	4,502
B: Estimated input 2022	1,649	6,135	31,102	3,355	2,491	5,431	5,421
C: Inputs 2022 including uncertainty (test value)	1,676	6,237	31,650	3,410	2,532	5,536	5,525
Extra reduction by 2022 (A-C)							
Remaining reduction to fulfill NIC by 2022	301	1,229	4,703	424	344	603	1,023
<i>Remaining in % of ceiling</i>	22	25	17	14	16	12	23
Significant changes since reference period (%) to 2022	-41	-40	-42	-38	-38	-46	-45
A : Input ceiling (NIC BSAP2021 update)	1,375	5,008	26,947	2,986	2,188	4,933	4,502
D: Estimated input 2020	1,837	6,657	34,429	3,715	2,731	6,137	5,954
E: Inputs 2020 including uncertainty (test value)	1,866	6,763	35,012	3,772	2,775	6,249	6,061
Extra reduction by 2020 (A-E)							
Remaining reduction to fulfill NIC by 2020	491	1755	8,065	786	587	1,316	1,559
<i>Remaining in % of ceiling</i>	36	35	30	26	27	27	35

Poland TN	BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)	668	3,125	151,969	1,407	1,596	1,480	1,443
B: Estimated input 2022	483	2,208	169,391	1,140	1,104	981	1,069
C: Inputs 2022 including uncertainty (test value)	498	2,270	180,657	1,173	1,133	1010	1,099
Extra reduction by 2022 (A-C)	170	855		234	463	4,70	344
Remaining reduction to fulfill NIC by 2022			28688				
Remaining in % of ceiling			19				
Accounting for extra reduction			-520				
Remaining taking into account extra reduction			28,168				
Remaining in % of ceiling taking into account extra reduction			19				
Extra reduction in DS, GUF and GUR is used to reduce the remaining reduction requirements in BAP with 520 tons TN							
Significant changes since reference period (%) to 2022	-32	-31	-9	-32	-31	-32	-32
A : Input ceiling (NIC BSAP2021 update)	668	3,125	151,969	1,407	1,596	1,480	1,443
D: Estimated input 2020	556	2,468	170,361	1,317	1,248	1,125	1,210
E: Inputs 2020 including uncertainty (test value)	570	2,529	182,547	1,349	1,278	1,153	1,240
Extra reduction by 2020 (A-E)	98	596		58	318	327	203
Remaining reduction to fulfill NIC by 2020			30,578				
Remaining in % of ceiling			20				
Accounting for extra reduction			-333				
Remaining taking into account extra reduction			30,245				
Remaining in % of ceiling taking into account extra reduction			20				
Extra reduction in DS, GUF and GUR is used to reduce the remaining reduction requirements in BAP with 33 tons TN							
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	1,993	10,317	61,503	3,296	238	245
B: Estimated input 2022	798	1,814	9,342	73,154	2,666	184	215
C: Inputs 2022 including uncertainty (test value)	802	1,823	11,208	78,373	2,879	185	216
Extra reduction by 2022 (A-C)	37	170			417	53	29
Remaining reduction to fulfill NIC by 2022			891	16,870			
Remaining in % of ceiling	0		8.6	27			
Accounting for extra reduction			-336				
Remaining taking into account extra reduction			555				
Remaining in % of ceiling taking into account extra reduction			5.4				
Extra reduction in DS and GUR is used to reduce the remaining reduction requirements in BAP with 336 tons TN							
Significant changes since reference period (%) to 2022	-25	-24	-34	-	-19	-26	-25
A : Input ceiling (NIC BSAP2021 update)	839	1993	10,317	61,503	3,296	238	245
D: Estimated input 2020	854	1,918	9,712	72,640	2,775	210	238
E: Inputs 2020 including uncertainty (test value)	861	1,935	11,437	78,463	3,063	212	240
Extra reduction by 2020 (A-E)		58			233	26	5
Remaining reduction to fulfill NIC by 2020	22		1,120	16,960			
Remaining in % of ceiling	3		11	28			
Accounting for extra reduction			-187				
Remaining taking into account extra reduction			933				
Remaining in % of ceiling taking into account extra reduction			9				
Extra reduction in DS and GUR is used to reduce the remaining reduction requirements in BAP with 187 tons TN							
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)	17,718	32,633	30,690	626	525	6,056	32,799
B: Estimated input 2022	13,263	25,380	38,347	481	353	6,017	27,541
C: Inputs 2022 including uncertainty (test value)	13,968	26,311	40,297	488	357	6,552	28,257
Extra reduction by 2022 (A-C)	3,750	6,322		138	168		4,542
Remaining reduction to fulfill NIC by 2022			9,607			496	
<i>Remaining in % of ceiling</i>			31			8,2	
Accounting for extra reduction			-165			-623	
Remaining taking into account extra reduction			9,442			0	
Remaining in % of ceiling taking into account extra reduction			31			0	
Extra reduction in DS and GUR reduce the remaining reduction requirements in BAP with 165 tons TN, and extra reduction in KAT							
is used to reduce remaining reduction requirements in DS with 623 tons TN							
Significant changes since reference period (%) to 2022	-31	-24	-	-37	-34		-22
A : Input ceiling (NIC BSAP2021 update)	17,718	32,633	30,690	626	525	6,056	32,799
D: Estimated input 2020	13,859	25,800	38,523	509	366	6,053	28,257
E: Inputs 2020 including uncertainty (test value)	14,499	26,843	40,600	515	370	6,615	29,043
Extra reduction by 2020 (A-E)	3,219	5,790		111	155		3,756
Remaining reduction to fulfill NIC by 2020			9,910			559	
<i>Remaining in % of ceiling</i>			32				
Accounting for extra reduction			-148			-516	
Remaining taking into account extra reduction			9,762			43	
Remaining in % of ceiling taking into account extra reduction			32			1	
Extra reduction in DS and GUR reduce the remaining reduction requirements in BAP with 148 tons TN, and extra reduction in KAT							
Significant changes since reference period (%) to 2020	-26	-22	-	-33	-30	-	-20

Baltic Sea shipping TN	BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)	284	1,141	5,180	675	345	651	701
B: Estimated input 2022	485	1,981	8,628	1,128	641	1,020	985
C: Inputs 2022 including uncertainty (test value)	495	2,024	8,814	1,152	655	1,042	1,006
Extra reduction by 2022 (A-C)							
Remaining reduction to fulfill NIC by 2022	211	883	3,634	477	310	391	305
<i>Remaining in % of ceiling</i>	74	77	70	71	90	60	44
Significant changes since reference period (%) to 2022	-25	-25	-25	-25	-25	-25	-25
A : Input ceiling (NIC BSAP2021 update)	284	1,141	5,180	675	345	651	701
D: Estimated input 2020	487	1,924	8,335	1,069	622	1,002	976
E: Inputs 2020 including uncertainty (test value)	502	1,982	8,588	1,102	641	1,032	1,006
Extra reduction by 2020 (A-E)							
Remaining reduction to fulfill NIC by 2020	218	841	3,408	427	296	381	305
<i>Remaining in % of ceiling</i>	77	74	66	63	86	59	43
Significant changes since reference period (%) to 2020	-23	-23	-23	-23	-23	-23	-23
North Sea shipping TN	BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)	131	475	2,427	196	150	729	884
B: Estimated input 2022	272	939	4,770	394	301	1,224	1,377
C: Inputs 2022 including uncertainty (test value)	277	956	4,856	401	306	1,246	1,402
Extra reduction by 2022 (A-C)							
Remaining reduction to fulfill NIC by 2022	146	481	2,429	205	156	517	518
<i>Remaining in % of ceiling</i>	112	101	100	105	104	71	59
Significant changes since reference period (%) to 2022	-26	-26	-26	-26	-26	-26	-26
A : Input ceiling (NIC BSAP2021 update)	131	475	2,427	196	150	729	884
D: Estimated input 2020	285	951	4,838	399	305	1,253	1,395
E: Inputs 2020 including uncertainty (test value)	291	973	4,949	408	312	1,282	1,427
Extra reduction by 2020 (A-E)							
Remaining reduction to fulfill NIC by 2020	160	498	2,522	212	162	553	543
<i>Remaining in % of ceiling</i>	122	105	104	108	108	76	61
Significant changes since reference period (%) to 2020	-27	-27	-27	-27	-27	-27	-27

Ukraine TN	BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)			1,693				
B: Estimated input 2022			3,146				
C: Inputs 2022 including uncertainty (test value)			3,382				
Extra reduction by 2022 (A-C)							
Remaining reduction to fulfill NIC by 2022			1,689				
Remaining in % of ceiling			100				
Significant changes since reference period (%) to 2022			43				
A : Input ceiling (NIC BSAP2021 update)			1,693				
D: Estimated input 2020			3,261				
E: Inputs 2020 including uncertainty (test value)			3,670				
Extra reduction by 2020 (A-E)							
Remaining reduction to fulfill NIC by 2020			1,977				
Remaining in % of ceiling			117				
Significant changes since reference period (%) to 2020			49				

PHOSPHORUS

Belarus TP	BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)			349		407		
B: Estimated input 2022			792		604		
C: Inputs 2022 including uncertainty (test value)			851		644		
Extra reduction by 2022 (A-C)							
Remaining reduction to fulfill NIC by 2022			502		237		
Remaining in % of ceiling			144		58		
Significant changes since reference period (%) to 2022			-14		3		
A : Input ceiling (NIC BSAP2021 update)			349		407		
D: Estimated input 2020			801		614		
E: Inputs 2020 including uncertainty (test value)			867		655		
Extra reduction by 2020 (A-E)							
Remaining reduction to fulfill NIC by 2020			518		248		
Remaining in % of ceiling			148		61		

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 2022			88				
C: Inputs 2022 including uncertainty (test value)			116				
Extra reduction by 2022 (A-C)							
0			59				
Remaining in % of ceiling			104				
Significant changes since reference period (%) to 2022			-42				
A : Input ceiling (NIC BSAP2021 update)			57				
D: Estimated input 2020			89				
E: Inputs 2020 including uncertainty (test value)			122				
Extra reduction by 2020 (A-E)							
0			65				
Remaining in % of ceiling			114				
Significant changes since reference period (%) to 2020			-41				

Germany TP	BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)			203			401	
B: Estimated input 2022			395			321	
C: Inputs 2022 including uncertainty (test value)			424			335	
Extra reduction by 2022 (A-C)						66	
Remaining reduction to fulfill NIC by 2022			221				
Remaining in % of ceiling			109				
Accounting for extra reduction			-21				
Remaining taking into account extra reduction			200				
Remaining in % of ceiling taking into account extra reduction			99				
Extra reduction in DS is used to reduce the remaining reduction requirements in BAP with 21 tons TP							
Significant changes since reference period (%) to 2022			-20			-8	
A : Input ceiling (NIC BSAP2021 update)			203			401	
D: Estimated input 2020			414			302	
E: Inputs 2020 including uncertainty (test value)			444			332	
Extra reduction by 2020 (A-E)						69	
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 reduce the remaining reduction requirements in BAP with 22 tons TP							
Significant changes since reference period (%) to 2020			-			-14	

Denmark TP	BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)			21			979	815
B: Estimated input 2022			43			587	638
C: Inputs 2022 including uncertainty (test value)			46			629	660
Extra reduction by 2022 (A-C)						350	155
Remaining reduction to fulfill NIC by 2022			25				
Remaining in % of ceiling			117				
Accounting for extra reduction			-110				
Remaining taking into account extra reduction			0				
Remaining in % of ceiling taking into account extra reduction			0				
Extra reduction in DS is used to compensate for the remaining reduction requirement of 110 tons TP in BAP							
Significant changes since reference period (%) to 2022			-22			-35	-23
A : Input ceiling (NIC BSAP2021 update)			21			979	815
D: Estimated input 2020			44			643	683
E: Inputs 2020 including uncertainty (test value)			48			694	704
Extra reduction by 2020 (A-E)						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				
Extra reduction in DS is used to compensate for the remaining reduction requirement of 26 tons TP in BAP							
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 2022			21	292	196		
C: Inputs 2022 including uncertainty (test value)			24	323	224		
Extra reduction by 2022 (A-C)							
Remaining reduction to fulfill NIC by 2022			15	98	39		
<i>Remaining in % of ceiling</i>			172	44	21		
Significant changes since reference period (%) to 2022			-23	-44	-27		
A : Input ceiling (NIC BSAP2021 update)			9	225	185		
D: Estimated input 2020			17	281	233		
E: Inputs 2020 including uncertainty (test value)			20	313	252		
Extra reduction by 2020 (A-E)							
Remaining reduction to fulfill NIC by 2020			11	88	67		
<i>Remaining in % of ceiling</i>			117	39	36		
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)	1,683	1,246		315			
B: Estimated input 2022	1,453	1,057		605			
C: Inputs 2022 including uncertainty (test value)	1,524	1,137		646			
Extra reduction by 2022 (A-C)	159	109					
Remaining reduction to fulfill NIC by 2022				331			
Remaining in % of ceiling		0,0		105			
Accounting for extra reduction				-18			
Remaining taking into account extra reduction				313			
Remaining in % of ceiling taking into account extra reduction				99			
Extra reduction in BOS is used to reduce the remaining reduction requirements in GUF with 18 tons TP							
Significant changes since reference period (%) to 2022	-20	-14		-19			
A : Input ceiling (NIC BSAP2021 update)	1,683	1,246		315			
D: Estimated input 2020	1,483	1,283		610			
E: Inputs 2020 including uncertainty (test value)	1,561	1,346		653			
Extra reduction by 2020 (A-E)	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					
Extra reduction in BOB is used to reduce the remaining reduction requirements in BOS with 15 tons TP							
Significant changes since reference period (%) to 2020	-18	-		-17			

Lithuania TP	BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)			703		175		
B: Estimated input 2022			988		73		
C: Inputs 2022 including uncertainty (test value)			1,077		113		
Extra reduction by 2022 (A-C)					62		
Remaining reduction to fulfill NIC by 2022			374				
Remaining in % of ceiling			53				
Accounting for extra reduction			-40				
Remaining taking into account extra reduction			334				
Remaining in % of ceiling taking into account extra reduction			47				
Extra reduction in GUR is used to reduce the remaining reduction requirements in BAP with 40 tons TP							
Significant changes since reference period (%) to 2022			-45		-72		
A : Input ceiling (NIC BSAP2021 update)			703		175		
D: Estimated input 2020			991		7		
E: Inputs 2020 including uncertainty (test value)			1,091		74		
Extra reduction by 2020 (A-E)					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 reduce the remaining reduction requirements in BAP with 45 tons TP							
Significant changes since reference period (%) to 2020			-45		-97		

Latvia TP	BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)			167		1061		
B: Estimated input 2022			278		915		
C: Inputs 2022 including uncertainty (test value)			319		1178		
Extra reduction by 2022 (A-C)							
Remaining reduction to fulfill NIC by 2022			152		117		
Remaining in % of ceiling			91		11		
Significant changes since reference period (%) to 2022			-35		-38		
A : Input ceiling (NIC BSAP2021 update)			167		1061		
D: Estimated input 2020			214		1198		
E: Inputs 2020 including uncertainty (test value)			278		1316		
Extra reduction by 2020 (A-E)							
Remaining reduction to fulfill NIC by 2020			111		255		
Remaining in % of ceiling			66		24		
Significant changes since reference period (%) to 2020			-50		-		

Poland TP	BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)			4,198				
B: Estimated input 2022			7,385				
C: Inputs 2022 including uncertainty (test value)			8,253				
Extra reduction by 2022 (A-C)							
Remaining reduction to fulfill NIC by 2022			4,055				
Remaining in % of ceiling			97				
Significant changes since reference period (%) to 2022			-28				
A : Input ceiling (NIC BSAP2021 update)			4,198				
D: Estimated input 2020			8,167				
E: Inputs 2020 including uncertainty (test value)			8,964				
Extra reduction by 2020 (A-E)							
Remaining reduction to fulfill NIC by 2020			4,766				
Remaining in % of ceiling			114				
Significant changes since reference period (%) to 2020			-22				

Russia TP	BOB	BOS	BAP	GUF	GUR	DS	KAT
A : Input ceiling (NIC BSAP2021 update)			242	2,909	99		
B: Estimated input 2022			375	3,166	98		
C: Inputs 2022 including uncertainty (test value)			540	3,889	115		
Extra reduction by 2022 (A-C)							
Remaining reduction to fulfill NIC by 2022			298	980	16		
Remaining in % of ceiling			123	34	16		
Significant changes since reference period (%) to 2022			-41	-53	-29		
A : Input ceiling (NIC BSAP2021 update)			242	2,909	99		
D: Estimated input 2020			410	3,092	106		
E: Inputs 2020 including uncertainty (test value)			607	3,919	124		
Extra reduction by 2020 (A-E)							
Remaining reduction to fulfill NIC by 2020			365	1,010	25		
Remaining in % of ceiling			151	35	26		
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	1,133	318			116	753
B: Estimated input 2022	716	697	651			88	655
C: Inputs 2022 including uncertainty (test value)	811	770	678			92	689
Extra reduction by 2022 (A-C)	0	363				24	64
Remaining reduction to fulfill NIC by 2022			360				
Remaining in % of ceiling			113				
Accounting for extra reduction			-249				
Remaining taking into account extra reduction			111				
Remaining in % of ceiling taking into account extra reduction			35				
Extra reduction in BOS is used to reduce remaining reduction requirements in BAP with 249 tons TP							
Significant changes since reference period (%) to 2022	-	-40	-20			-16	-12
A : Input ceiling (NIC BSAP2021 update)	811	1,133	318			116	753
D: Estimated input 2020	728	729	706			84	679
E: Inputs 2020 including uncertainty (test value)	842	809	728			89	718
Extra reduction by 2020 (A-E)		324				27	35
Remaining reduction to fulfill NIC by 2020	31		410				
Remaining in % of ceiling	4		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				
A proportion of extra reduction in BOS is used to compensate for the remaining reduction requirement of 31 tons TP in BOB							
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 2022	139
C: Inputs 2022 including uncertainty (test value)	149
Extra reduction by 2022 (A-C)	
Remaining reduction to fulfill NIC by 2022	102
<i>Remaining in % of ceiling</i>	216
Significant changes since reference period (%) to 2022	11
A : Input ceiling (NIC BSAP2021 update)	47
D: Estimated input 2020	159
E: Inputs 2020 including uncertainty (test value)	178
Extra reduction by 2020 (A-E)	
Remaining reduction to fulfill NIC by 2020	131
<i>Remaining in % of ceiling</i>	279
Significant changes since reference period (%) to 2020	29