

I. **NAP súhrnná tabuľka – výpočet cieľa**

Riadok	Tabuľka č.		Emisie (Mt CO ₂ eq)
A		Cieľ podľa Kjótskeho protokolu alebo podľa dohody o rozdelení záväzkov (priem. ročné emisie skleníkových plynov 2008-12)	67,507934
B	III	<i>Celkové emisie skleníkových plynov v roku 2003 (vrátane záchytovej)</i>	46,275910
C		Rozdiel +/- (riadok A - riadok B) (záporné číslo znamená potrebu znižovať emisie)	21,232024
D	III	<i>Priemerné ročné projekcie celkových emisií skleníkových plynov v 2008-2012 (scenár "s opatreniami")</i>	62,53
E		Rozdiel +/- (riadok A - riadok D) (záporné číslo znamená potrebu znižovať emisie)	4,98
Redukčné opatrenia (ak sú potrebné)			
F	V	Európska schéma obchodovania [1], [2]	
G	VI	Ďalšie stratégie a opatrenia (iné ako obchodovanie s emisiami), vrátane záchytovej	0,00
H	VII	Vládny nákup v rámci kjótskych flexibilných mechanizmov	0,00
I		Celkové redukčné opatrenia (riadok F + riadok G + riadok H)	0,00

[1] Prosím, uveďte priemerný ročný príspevok opatrenia k zníženiu emisií (ako záporné číslo)

[2] Prosím, uveďte číslo z tabuľky V, riadok L, stĺpec iv mínus priemerné ročné emisie v rokoch 2008 - 2012 zo sektorov v schéme obchodovania podľa scenára "bez opatrení"

Ila NAP Súhrnná tabuľka – základné údaje

Rok		1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	
A	Reálne HDP [1] (mld €2000)	Absolútna hodnota	21,385	20,74615413	20,12639286	19,52514605	18,94186	18,376	19,067	19,784	20,527	21,299	22,1	22,4
		Trendový index 2003=100	84,19	81,68	79,24	76,87	74,57	72,35	75,07	77,89	80,82	83,86	87,01	88,19
B	Emisie [1] (Mt CO ₂) [2]	Absolútna hodnota	58,13	48,61	44,25	41,14	39,12	41,14	41,97	43,26	41,71	40,99	38,52	38,67
		Trendový index 2003=100	154,90	129,52	117,90	109,62	104,25	109,63	111,83	115,27	111,14	109,23	102,64	103,04
C	Uhlíková náročnosť [1] (milióny ton CO ₂ /mld €)	Absolútna hodnota	2,72	2,34	2,20	2,11	2,07	2,24	2,20	2,19	2,03	1,92	1,74	1,73
		Trendový index 2003=100	183,98	158,57	148,79	142,61	139,79	151,54	148,97	148,00	137,52	130,26	117,97	116,84
Rok		2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	average	
A	Reálne HDP [1] (mld €2000)	Absolútna hodnota	23,7	25,4	27,7	30,5	32,269	34,334	36,188	38,034	39,936	41,932	44,029	40,02
		Trendový index 2003=100	93,31	100	109,06	120,08	127,04	135,17	142,47	149,74	157,23	165,09	173,34	157,57
B	Emisie [1] (Mt CO ₂) [2]	Absolútna hodnota	36,70	37,53	38,25	42,25	44,16	45,17	46,21	47,27	48,35	49,09	49,84	48,15
		Trendový index 2003=100	97,80	100	101,91	112,58	117,66	120,36	123,12	125,95	128,85	130,82	132,82	128,31
C	Uhlíková náročnosť [1] (milióny ton CO ₂ /mld €)	Absolútna hodnota	1,55	1,48	1,38	1,39	1,37	1,32	1,28	1,24	1,21	1,17	1,13	1,21
		Trendový index 2003=100	104,81	100,00	93,45	93,76	92,61	89,04	86,42	84,11	81,95	79,24	76,62	81,67

[1] Uvedte zdroje údajov, v prípade potreby pre každý rok samostatne.

[2] Všimnite si, že na rozdiel od vysvetlenia k Tabuľke Ila na strane 34 anglickej verzie umernenia k NAP2, v tomto prípade požadujeme len emisie CO₂ a nie celkové emisie skleníkových plynov.

IIB.

NAP Summary table – Basic data on electricity sector [1]
(Grey fields are filled out automatically)

	Year	2000	2003	2004	2005[3]	2006	2007	2008	2009	2010	2011	2012	Average 2008-2012
A	Total domestic electricity production (TWh)	30,69	31,18	30,57	30,84	31,30	28,45	32,00	31,65	31,80	31,85	31,90	31,84
B	Total Imports (TWh)	5,95	8,63	8,73	8,01	na	na	na	na	na	na	na	NA
	B/a Czech Republic		5,82	6,05	5,21								NA
	B/b Poland		2,73	2,62	2,79								NA
	B/c Ukraine		0,08	0,06	0,01								NA
C	Total Exports (TWh)	8,65	10,88	10,60	11,27	na	na	na	na	na	na	na	NA
	C/a Hungary		9,05	8,55	8,81								NA
	C/b Ukraine		1,29	1,58	1,72								NA
	C/c Czech Republic		0,54	0,46	0,74								NA
	C/d Poland		0,00	0,01									NA
D	Electricity trade balance (TWh, total row B - total row C)	-2,70	-2,25	-1,87	-3,26	na	na	na	na	na	na	na	NA
E	Share of gas in total domestic electricity production (%) [4]		7,68	7,92	7,2	7,67	9,14	16,88	17,06	16,98	16,95	16,93	16,96
F	Share of oil in total domestic electricity production (%)		2,27	2,41	2,4	2,4	2,64	2,34	2,37	2,36	2,35	2,35	2,35
G	Share of coal in total domestic electricity production (%) [5]		20,51	19,96	19	18,21	21,09	20,94	25,91	25,79	25,75	25,71	24,82
H	Share of nuclear energy in total domestic electricity production (%)		57,3	55,7	56,6	56,87	50,62	45	39,49	39,62	39,56	39,5	40,63
I	Share of renewable energy, including biomass, in total domestic electricity production (%) [2] [6]		12,24	14,01	14,8	14,86	16,52	14,84	15,17	15,25	15,38	15,52	15,23

[1] [Ministry of Economy of the Slovak Republic, Energy Department; Slovak Electricity,a.s.: "Forecast of CO2 emissions from thermal power plants"](#)[2] [The cell in row I for the year 2010 should also include \(in footnote\) the target pursuant to Directive 2001/77/EC.](#)

III NAP Summary table – Recent and projected greenhouse gas emissions per common reporting format sector (without taking into account additional policies and measures in Table VI)
 (Grey fields are filled out automatically)
 in Mt CO₂eq

Row ref.	CRF subsector			2003	2004	2005	2008	2009	2010	2011	2012	Average annual projected emissions 2008-2012
A	1.A.1	Energy generation	GHG	13,22	12,25	11,39	17,66	19,57	19,61	19,65	19,70	19,24
B			CO ₂ in ETS	11,30	10,10	9,57	16,43	18,29	18,28	18,27	18,27	17,91
C	1.A.3	Transport	GHG	5,38	5,68	5,65	6,06	6,20	6,35	6,44	6,53	6,32
D	1.A.4.a + b + c	Commercial and institutional, Residential, and Agricultural energy use	GHG	5,45	4,90	5,77	6,07	6,17	6,29	6,37	6,44	6,27
E			CO ₂ in ETS	0,06	0,06	0,07	0,09	0,09	0,09	0,09	0,09	0,09
F	2	Industrial processes	GHG	3,99	4,85	4,18	4,31	4,24	5,17	5,40	5,62	4,95
G			CO ₂ in ETS	1,33	1,36	1,48	2,69	2,76	2,79	2,82	2,86	2,78
I	4	Agriculture	GHG	4,02	3,86	2,77	2,77	2,76	2,76	2,76	2,76	2,76
J	5	Land-Use Change and Forestry	GHG	-4,81	-4,23	1,83	-0,62	-0,67	-0,72	-0,77	-0,83	-0,72
K	6	Waste	GHG	2,22	2,08	2,10	2,48	2,62	2,76	2,76	2,76	2,67
L	1.A.2 + 1.A.4 + 1.A.5 + 1.B + 3 + 7	All other sectors	GHG	16,81	17,39	15,18	21,00	21,12	20,82	21,11	21,16	21,04
M			CO ₂ in ETS	10,75	13,08	14,12	20,13	20,47	20,54	20,61	20,66	20,48
N		Total (A+C+D+F+I+J+K+L)	GHG									62,53
O		Total in ETS (B + E + G + M)	CO ₂ in ETS	23,43	24,60	25,23	39,34	41,60	41,70	41,79	41,87	41,26

IV NAP Summary table – Recent and projected CO₂ emissions in sec
(Grey fields are filled out automatically)

Emissions in Mt CO ₂ eq		i	ii
Year		2003	2004
A	combustion installations total (excluding installations covered under rows B-J)	10,63	10,50
	main activity 1	10,63	10,50
	main activity 2		
	flaring		
	integrated steelworks		
	crackers		
	furnaces		
	main activity n		

B	mineral oil refineries	2,87	2,17
C	coke ovens	0,00	0,00
D	metal ore roasting, sintering, pig iron and steel producing installations	6,70	8,79
E	cement producing installations	1,38	1,35
F	lime producing installations	0,79	0,88
G	glass and glass fibre producing installations	0,17	0,17
H	ceramics producing installations	0,20	0,16
I	pulp, paper and board producing installations	0,70	0,58
J	Total (Σ Rows A and B to I) [2]	23,43	24,60
K	Share of EU ETS CO ₂ in total GHG emissions (%) (Row J / Row N in table III)	50,64%	52,57%

[1] Numbers to be used in last two columns of Table V.

[2] Row J must be equal to 23,43 24,60
Row O in Table III:

[3] Please insert figures equal to the registry data on the surre

2,293	2,29	2,29	2,88	3,01	3,00	3,00	3,00	2,98
0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
9,225	9,91	9,91	12,17	12,21	12,23	12,23	12,23	12,21
1,660	2,35	2,35	2,78	2,89	2,95	3,02	3,07	2,94
0,909	1,10	1,10	1,43	1,47	1,50	1,53	1,56	1,50
0,190	0,25	0,25	0,25	0,25	0,25	0,25	0,25	0,25
0,613	0,28	0,28	1,17	1,17	1,17	1,17	1,17	1,17
0,593	1,05	1,05	1,12	1,12	1,12	1,12	1,12	1,12
25,23	30,48	30,48	39,34	41,60	41,70	41,79	41,87	41,26
51,63%			65,88%	67,07%	66,14%	65,60%	65,29%	65,99%

25,23			39,34	41,60	41,70	41,79	41,87	41,26
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entered amount of allowances (note that this is not the allocation data)

V NAB Summary table – Proposed allocation in relation to first period allocation (without additional policies and measures) in the sectors covered by the EU emissions trading scheme
(Grey fields are filled out automatically)

	I	II	III	IV	V
	2003 actual CO ₂ emissions (Mt CO ₂)	2004 actual CO ₂ emissions (Mt CO ₂)	Average annual allocation 2005 - 2007	Proposed average annual allocation in 2008-2012	Proposed ETS allocation as a percentage of first period ETS allocation
A	10.63	10.50	13.279198	17.269176	130.05%
	combustion installations total (excluding installations covered under rows B-J)				
	10.63	10.50	13.279	17.269	130.05%
	main activity 1				
	0.00	0.00			
	main activity 2				
	0.00	0.00			
	flaring				
	0.00	0.00			
	integrated steelworks				
	0.00	0.00			
	crackers				
	0.00	0.00			
	furnaces				
	0.00	0.00			
	main activity n				
	2.87	2.17	2.291	2.981	130.14%
B	mineral oil refineries				
C	0.00	0.00			
coke ovens					
D	6.70	8.79	9.889	12.215	123.62%
metal ore roasting, sintering, pig iron and steel producing installations					
F	1.38	1.35	1.918	2.300	119.82%
cement producing installations					
G	0.79	0.88	1.100	1.489	136.28%
lime producing installations					
H	0.17	0.17	0.248	0.251	101.14%
glass and glass fibre producing installations					
I	0.20	0.16	0.707	1.825	289.37%
ceramics producing installations					
J	0.70	0.58	1.050	1.117	106.40%
pulp, paper and board producing installations					
L	23.43	24.60	30.481	38.458	129.45%
Total					

VI

NAP Summary table – Reductions expected by policies and measures other than the EU emissions trading scheme and which have not been taken into account for the "with measures" projections presented in Table III (Mt CO₂e)

		i	ii	iii	iv	v	vi	vii	viii	ix
Measures		Under implementation [1]			Adopted [2]			Planned [3]		
		Expected average annual reduction (2008-12)		Full effects expected as from year	Expected average annual reduction (2008-12)		Full effects expected as from year	Expected average annual reduction (2008-12)		Full effects expected as from year
		In ETS sectors	In non-ETS sectors		In ETS sectors	In non-ETS sectors		In ETS sectors	In non-ETS sectors	
A										
B										
C										
D										
E										
F										
G										
H										
I										
...										
X	Subtotal	0,00	0,00		0,00	0,00		0,00	0,00	
	Total (equal to row G in Table I)						0,00			

[1] Implementation is ongoing, and the measure is not taken into account for the "with measures" projections presented in Table III. As regards the year, Member States should indicate the year where the full or a substantial part of the effects can be expected, not the first year of implementation.

[2] The measure has been adopted by the final instance at the relevant local, regional or national level, but it is not yet implemented.

[3] The measure is at least mentioned in a formal government document.

VII

NAP Summary table – Government's planned use of Kyoto units (Mt CO₂e) and status of implementation

(Grey fields are filled out automatically)

		ERUs	CERs	AAUs and others	Total
A	Planned purchase				0,00
	Total 2008-2012				
B	Annual average	0	0	0	0,00
C	Quantity of units already paid for				0,00
D	Quantity of units contracted, but yet unpaid (delivery pending start of UN ITL) [1]				0,00
E	Neither bought nor contracted by date of notification (A - C - D)	0	0	0	0,00
F	Full budget appropriated to first commitment period (2008-12)				0,00
	Currently available for 2006 (M EUR)				
G	Committed for the future (M EUR) [2]				0,00
H	Implied future price M EUR/Mt CO ₂ e ((F+G)/E)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

[1] Units partially paid for should be proportionally distributed between lines C and D

[2] Row G should not include the sums intended to cover payments for units represented in row D

NAP Summary table – Details on new entrants, closures and auctioning

Issues with respect to new entrants	Description of NAP provisions
Does the plan contain a new entrants' reserve?	Yes
What is its size in absolute terms and as a percentage of the total quantity of allowances for the period?	9021109 tonnes CO2 for five-years period, i. e. 4,37%
What use is made of allowances left over in the reserve at the end of the trading period? (cancellation, sold)	Sold
How will new entrants be treated in case the reserve runs out of allowances before the end of the trading period? (reserve replenished, further new entrants buy in the market)	Further new entrants buy in the market
Does the allocation to the new entrant depend on the actual choice of fuel?	Yes
Does the allocation to the new entrant depend on the actual choice of technology?	Yes
Does the allocation to the new entrant depend on the estimated or actual number of operating hours or does the allocation use a standard number of operating hours?	Yes
Auctioning	
Will any allowances be auctioned?	No
What share of the total quantity of allowances will be auctioned?	
Who can participate in the auction?	
What auctioning method will be used?	
When/at what intervals will the auction(s) be held?	
What quantity of allowances will be auctioned each time?	
What use will be made of the revenues?	
Will the auctions be coordinated with any auctions in other Member States?	
Closures	
Do operators have to report to the competent authority when an installation closes, and on what conditions is an installation considered to be closed?	Yes
Does the operator continue to be issued allowances for a closed installation in the remaining years of the trading period? If the reply depends on whether the operator sets up a new entrant installation replacing the closed installation, please briefly describe the provision.	If the permit has withdrawn, the installation is not allocated in subsequent years. If just the operation has ceased and could re-continue without any changes or needs of new permitting procedure, allowances are allocated as in previous years.
What happens to any allowances that were intended for an installation, which will not receive them after closure? (cancellation, fed into a new entrants' reserve, auctioning)	Allowances not allocated to the specific installations for any reasons remain on the account of the Ministry of the Environment as a part of new entrants reserve.

IX

NAP Summary table – Further details on selected new entrants

	Power plant with a rated thermal input exceeding 20 MW	Power plant with a rated thermal input exceeding 20 MW
Maximum capacity of the actual installation	270 MWe	400 MWe
Fuel (s) used	Coal (domestic lignite)	Gas
Forecast number of operating hours/year in the period 2008 to 2012	8760 per year, start as of 2011	4380 hours in 2009, 8760 per year since 2010
Annual allowance allocation in 2008 to 2012	app. 1 500 000	app. 1 200 000 (for full year operation)

X

NAP Summary table - Important assumptions on annual averages

Year	EU Allowance price (in Euro)	Crude oil price (Brent) [1]	Natural gas price [1]	Coal price [1]	Exchange rate [2]	Other
2005						
2006						
2007						
2008						
2009						
2010						
2011						
2012						

[1] Use common market standard and specify, including the currency used; indicate in detail sources of data and methodologies

[2] For those Member States outside the Euro-zone