









MAIN CORINAIR catalogues:

SNAP - EMISSION SOURCE CATEGORIES (385)

POLLUTANTS

FUELS and its parameters

Emission factors

SNAP					
SNAP	Selected Nomenclature for Air Pollution				
SNAP'90/	94 / 97				
	SNAP'97 consist of 11 groups, 74 sub-group 385 elementary positions				
	Each elementary position can be split additionally to different type of technology and fuels				









PTLAE	emission factors database
Collection by F Phare CORINA	Phare National Experts and from AIR databases 90 - 98
Data report in t database.	the form of printed tables and electronic Excel
Collected data: from 10 co for 25 po	untries llutants
Number of reco	ords: 15000

Establishing a Database on Greenhouse Gas Emission Factors Meeting Report : Annex3

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4745	EE	020302		_	natural gas	CO2	55800	q	GJ	_		
4746	BG	020302			natural gas	CO2	55800,0	q	GJ			
4747	SI	020302			natural gas	CO2	56000	q	GJ			
4748	LT	020302			natural gas	CO2	56900	q	GJ			
4749	PL	020302	none residential combustion	301	NATURAL GAS (except liquefie	CO2	55	kq		D		
4750	HU	020302		301	NATURAL GAS (except liquefie	CO2	55	kg				
4751	PL	020302		301	NATURAL GAS (except liquefie	CO2	55	kg		E		
4752	PL	020302	none residential combustion	104	PATENT FUELS (from hard/sub	CO2	98	kg		D		
4753	LT	020302			peat	CO2	102000	g	GJ			
4754	HU	020302	for different types of fuels		residual oil	CO2	10	g	GJ			
4755	HU	020302	for different types of fuels		residual oil	CO2	73,3	g	GJ			
4756	HU	020302	for different types of fuels		residual oil	CO2	76	g	GJ			
4757	PL	020302	none residential combustion	203	RESIDUAL OIL	CO2	76	kg		D		
4758	BG	020302			residual oil	CO2	3,63.104. Cc / LHV	g	GJ		Cc - carbon content [9	%]; LHV - lower
4759	HU	020302		203	RESIDUAL OIL	CO2	73,3	kg				
4760	ΗU	020302		203	RESIDUAL OIL	CO2	76	kg				
4761	PL	020302		203	RESIDUAL OIL	CO2	76	ka		E		
4762	EE	020302			residual oil	CO2	76.6x103	a	GJ			
4763	PL	020302			residual oil	CO2	76000	a	GJ			
4764	LT	020302			residual oil	CO2	77800	a	GJ			
4765	SI	020302			residual oil	CO2	78.0x103	a	GJ			
4766	PL	020302	none residential combustion	103	SUB-BITUMINOUS(17435 kJ/kd	CO2	98	ka		D		
4767	PL	020302		103	SUB-BITUMINOUS(17435 KJ/kd	CO2	98	ka		E		
4768	LT	020302			wood	CO2	102000	a	GJ			
4769	PL	020302			wood	CO2	92000	a	GJ			
4770	PL	020302	none residential combustion	111	WOOD AND SIMILAR WOOD W	CO2	92	ka		D		
4771	ΗU	020302		111	WOOD AND SIMILAR WOOD W	CO2	94.6	ka				
5162	ΗU	020305	Animal husbandry/Eastern Europe	105	BROWN COAL / LIGNITE (GHV	CO2	85.65	ka				
5163	ΗU	020305	PROCESSA	105	BROWN COAL / LIGNITE (GHV	CO2	85,65	ka				
5164	ΗU	020305	Bread from bakeries	303	LIQUEFIED PETROLEUM GASE	CO2	55	ka				
5165	HU	020305	Drivers of grass crops	303	LIQUEFIED PETROLEUM GASE	CO2	55	ka				
5166	HU	020305	Animal husbandry/Eastern Europe	301	NATURAL GAS (except liquefie	CO2	55	ka				
5167	HU	020305	Bread from bakeries	301	NATURAL GAS (except liquefie	CO2	55	ka				
5168	HU	020305	Drvers of grass, crops,	301	NATURAL GAS (except liquefie	CO2	55	ka				
5169	ĻЩ,	020305	PROCESSA	301	NATLIBAL GAS (event liquefie	C02	55	ka			L	
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	SNAF -		SPL	IT	1	-LC-	FUEL NAME		EMISSION -	UNIT	PER	+ UI +	COMMENT
7621 HU	030316					301	NATURAL GAS (except liquefie	CO2	54,94	kg	GJ	D	
7622 BG	030316	electric fu	maces					CO2	0,4	kg	Mg production		
7623 BG	030316	regenerat	tive furnac	ces				CO2	600	kg	Mg production		
7676 HU	030317					108	COKE OVEN COKE FROM BRC	CO2	85,65	kg	GJ		
7677 BG	030317						natural gas	CO2	400	kg	Mg production		
7678 HU	030317						natural gas	CO2	54940	g	GJ	_	
7679 HU	030317					301	NATURAL GAS (except liquefie	CO2	54,94	kg	GJ	D	
7680 BG	030317					_	residal oil	CO2	571	kg	Mg production	_	
7681 HU	030317					000	residal oli	002	73300	g	GJ	_	
7682 HU	030317					203	RESIDUALUIL	002	13,0	кg	GJ	_	Data assure is copinisip
7003 PL	030317					407	COVE OVEN COVE FROM LIVE	002	00	кg	GJ	_	Data source is CORINAIR
7742 LI	030310					201	NATURAL CAR, (overst liquetie	002	54.04	9	00	D	
7743 10	030310					301	INRIGRAL OAS (except induene	002	110000	Ry	GI	0	
7745 80	030318							002	169	y ka	Ma production		
7746 HU	030318							002	54940	ng I	GL	-	
7795 HU	030319					105	BROWN COAL (LIGNITE (GHV	C02	85.65	kn	GJ	D	
7796 HU	030319					100	coal	CO2	85650	а а	GJ		
7797 HU	030319					303	LIQUEFIED PETROLEUM GASE	CO2	55	ka	GJ		
7798 HU	030319						natural gas	CO2	54940	a	GJ		
7799 HU	030319					301	NATURAL GAS (except liquefie	CO2	54,94	kg	GJ	D	
7800 HU	030319						oil	CO2	76000	g	GJ		
7801 HU	030319					203	RESIDUAL OIL	CO2	73,3	kg	GJ	D	
7802 HU	030319					203	RESIDUAL OIL	CO2	76	kg	GJ		
7803 PL	030319					103	SUB-BITUMINOUS(17435 kJ/kg	CO2	99	kg	GJ	E	
7804 HU	030319					111	WOOD AND SIMILAR WOOD W	CO2	94,6	kg	GJ		
7805 BG	030319							CO2	220	kg	Mg production		
7900 PL	030320					107	COKE OVEN COKE FROM HAR	CO2	105	kg	GJ	_	Data source is CORINAIR
7901 HU	030320					303	LIQUEFIED PETROLEUM GASE	CO2	55	kg	GJ	_	
7902 HU	030320						natural gas	CO2	54940	g	GJ	-	
7903 HU	030320					301	NATURAL GAS (except liquefie	CO2	54,94	kg	GJ	D	
7904 HU	030320					000	OII	CO2	73300	g	GJ	-	
7905 HU	030320					203	RESIDUAL UIL	002	/3,3	kg	0.1		Data aguras is CODINATE
7900 PL	030320					103	SOB-BITOMINOUS(17435 KJ/Kg	002	95	Kg	Mg production	-	Data Source IS CORINAIR
	EF3								•				·
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Planned users of Phare Emission Factors database: Reference Centre (national experts) of the countries which are preparing the CORINAIR emission inventory for the first time

There is no need for a special software. Windows environment with MS Office package is enough.

Sources of the data - national EMEP/CORINAIR emission inventory

Quality control:

Sending the db to NE for checking. Review by PTL/AE experts. Sending to ETC/AE for comments. Formal EEA approval for dissemination. Access policy:

To be put on PTL/AE web site in Excel format and on internet webserver after formal approval of the countries and EEA Project Manager and EEA Phare Expert

Working language: English

Problems:

No clear, automatic differentiation was possible between real country specific emission factor and default CORINAIR emission factor. Lack of quality parameter and detail source data

After formal ap	proval
ne Phare count will be available	e at:
	www.ntl.ac.atmotorm.nl
	www.pu-ae.aunoterm.pr

We received the opinion of National Expert that preparation of emission factors database is a very fruitful activity



"Any corporate entity can be seen as subordinate to the larger planet organism, just as mitochondria are subordinate to the cell. Part of the function of a healthy cell is to monitor the productions of its mitochondria, and ration resources according to the needs of the larger organism for those products. From the perspective of the cell, or the larger earth, what goes into and what comes out of the subordinate entity must be closely monitored, while what actually goes on in the sub-entity is of lesser concern. "

citation from Mr Champagne "Gaia Brain: Integration of Human Society and the Biosphere"



