				S4	atuer	eport for										
						-										
					Switz	erland										
Ę	Date of submission:	11 April 200)1													
General information	Format:	Electronic:														
orm	Base year or period*:	1990														
ii i	CRF provided for years:	1999														
mers	Gases covered:	CO ₂	CH_4	N ₂ O H	FCs	PFCs SF ₆	NOx	CO	NMVOCs	SO ₂						
Ğ		V	v	V .	1	I	V	v	V	V						
Territoria Description: A National Inventory Report has not been submitted.																
Language:																
PART I:																
		Provisio	on of infor	rmation for the	latest	reported invento	y year in th	e CRF: 199	9							
		Energy		Industrial Processes		Solvent Use	Ag	riculture	Land-Use Change and Forestry		Waste					
	Sectoral report tables:	1 🗹		2(I) 2(II) 2		3 🗸		4 🗹	5 🗸		6 🗸					
	Sectoral background data tables:	1.A(a)	V	2(I).A-G		3.A-D 🔽	4	A 🗹		* 🗸	6.A 🗹					
		1.A(b)	V	2(II).C,E			4.B			*	6.B 🗹					
		1.A(c)		2(II).F 🔽			4.B			*	6.C 🗹					
Tables		1.A(d)	V				4	C 🗹	5.D*	5.D** 🗹						
E		1.B.1	.B.1 🗹				4	D 🗹								
		1.B.2	V					.E 🗸								
		1.C 🗹					4	.F 🔽								
	Summary tables (emission totals)	Summary 1A		\checkmark		Summary 1B		\checkmark	Summary 2		\checkmark					
	Other tables:	-				Table 7 (Overview)		\checkmark	Table 9 (Completene	ess)						
		Table 10 (Trends) Image: Table 11 (Checklist)														
	Comments:															
10		CO						UEC.								
				CH		N ₂ O		HECS	PFCs		SE					
end	Totals provided for:	 		CH_4		N ₂ O		HFCs	PFCs		SF ₆					
Trends	Totals provided for: Totals provided for years:)				-	99						
Trend	Totals provided for years:	√ 1990-1	1999	1990-1999	I	⊻ 1990-1999	19	☑ 97-1999	✓ 1997-199		√ 1997-1999					
	_	√ 1990-1		1990-1999	I	V	19	✓ 97-1999 Differenc			V					
CO2 Trends	Totals provided for years:	√ 1990-1	1999	1990-1999	I	⊻ 1990-1999	19	✓ 97-1999 Differenc	e more than		Iger-1999 erence is more than 2 per cent					
c02	Totals provided for years:	1990-1	1999 rence appro	I990-1999	I	✓ 1990-1999 (national) approach	19 19	✓ 97-1999 Differenc 2 pe	e more than	If diffe	Iger-1999 erence is more than 2 per cent					
CO ₂	Totals provided for years: Comparison of CO ₂ from fuel combustion:	1990-1	1999 rence appro	2000 1990 1999 1990 1999 1990 1999 1990 1999 1990 1999 19900 1990 1990 1990 1990 1990 1990 1990 1990 1990 1990 1990 1990	I	✓ 1990-1999 (national) approach	PFCs	✓ 97-1999 Differenc 2 pe	e more than	If diffe	Iger-1999 erence is more than 2 per cent					
PFCs, CO ₂	Totals provided for years: Comparison of CO ₂ from fuel combustion: Disaggregation by species	Iggo-1	1999 rence appro	Image: 1990-1999 pach S GCs Image: 100 min.		I990-1999 (national) approach	PFCs	✓ 97-1999 Differenc 2 pe	e more than r cent	If diffe Explanation SF ₆	✓ ✓ 1997-1999 erence is more than 2 per cent provided					
PFCs, CO ₂	Totals provided for years: Comparison of CO2 from fuel combustion. Disaggregation by species. Reporting of Actual and/ or Potential estimates in the consumption of	Iggoria	1999 rence appro HF Lal	vach S Cs 2 Potential		v 1990-1999 (national) approach v Actual	PFCs	Differenc 2 pc 0	e more than r cent Actual	If diffe Explanation SF ₆	I997-1999 erence is more than 2 per cent provided Potential					
CO ₂	Totals provided for years: Comparison of CO2 from fuel combustion: Disaggregation by species: Reporting of Actual and/ or Potential	Iggo-1	1999 rence appro HF Lal	Image: 1990-1999 pach S GCs Image: 100 min.		I990-1999 (national) approach	PFCs	✓ 97-1999 Differenc 2 pe	e more than r cent	If diffe Explanation SF ₆	✓ ✓ 1997-1999 erence is more than 2 per cent provided					
HFCs, PFCs, CO ₂ SF ₆	Totals provided for years: Comparison of CO ₂ from fuel combustion: Disaggregation by species. Reporting of Actual and/ or Potential estimates in the consumption of Halocarbons and SF ₆ :	Iggoria	1999	vach S Potential Potential	Sectoral	v 1990-1999 (national) approach v Actual	PFCs PFCs	Differenc 2 pc 0	e more than r cent Actual	If diffe Explanation SF ₆	I997-1999 erence is more than 2 per cent provided Potential					
PFCs, CO ₂	Totals provided for years: Comparison of CO2 from fuel combustion: Disaggregation by species: Reporting of Actual and/ or Potential estimates in the consumption of Halocarbons and SF6: Used in:	1990-1 Refe	1999 rence appro HF al al bles 1A & 1	vach S Potential Potential		I990-1999 (national) approach Actual	PFCs PFCs		e more than r cent Actual	If diffe Explanation SF ₆	✓ 1997-1999 erence is more than 2 per cent provided □ Potential ✓					
HFCs, PFCs, CO ₂ SF ₆	Totals provided for years: Comparison of CO2 from fuel combustion: Disaggregation by species: Reporting of Actual and/ or Potential estimates in the consumption of Halocarbons and SF6: Used in:	1990-1 Refe	1999 rence appro HF al al bles 1A & 1	Image: state	sectoral	I990-1999 (national) approach Actual Z Sectoral report table	PFCs PFCs		e more than r cent Actual	If diffe Explanation SF ₆	✓ 1997-1999 erence is more than 2 per cent provided □ Potential ✓					
HFCs, PFCs, CO ₂ SF ₆	Totals provided for years: Comparison of CO2 from fuel combustion: Disaggregation by species: Reporting of Actual and/ or Potential estimates in the consumption of Halocarbons and SF6: Used in:	1990-1 Refe	1999 rence appro HF Lal	Image: state	ables.	I990-1999 (national) approach Actual	PFCs P s		e more than r cent Actual	If diffe Explanation SF ₆	✓ 1997-1999 erence is more than 2 per cent provided □ Potential ✓					
HFCs, PFCs, CO ₂ SF ₆	Totals provided for years: Comparison of CO2 from fuel combustion: Disaggregation by species: Reporting of Actual and/ or Potential estimates in the consumption of Halocarbons and SF6: Used in:	1990-1 Refe	1999 rence appro HIF ial oles 1A & 1 ators was 1	✓ 1990-1999 bach S ○CS ✓ ○CS ✓ ○ ✓ ○ ✓ □ ✓ </td <td>ables.</td> <td>Ignorphical approach Actual C Sectoral report table RT II:</td> <td>PFCs P s</td> <td></td> <td>e more than r cent Actual</td> <td>If diffe Explanation SF₆</td> <td>✓ 1997-1999 erence is more than 2 per cent provided ☐ Potential ✓</td>	ables.	Ignorphical approach Actual C Sectoral report table RT II:	PFCs P s		e more than r cent Actual	If diffe Explanation SF ₆	✓ 1997-1999 erence is more than 2 per cent provided ☐ Potential ✓					
HFCs, PFCs, CO ₂ SF ₆	Totals provided for years: Comparison of CO2 from fuel combustion: Disaggregation by species: Reporting of Actual and/ or Potential estimates in the consumption of Halocarbons and SF6: Used in: Comments:	I 1990-1 Refe	1999 rence appro HIF ial oles 1A & 1 ators was 1	✓ 1990-1999 bach S ○CS ✓ ○CS ✓ ○ ✓ ○ ✓ □ ✓ </td <td>ables.</td> <td>Ignorphical approach Actual C Sectoral report table RT II:</td> <td>PFCs P s</td> <td></td> <td>e more than r cent Actual</td> <td>If diffe Explanation SF₆</td> <td>✓ 1997-1999 erence is more than 2 per cent provided ☐ Potential ✓</td>	ables.	Ignorphical approach Actual C Sectoral report table RT II:	PFCs P s		e more than r cent Actual	If diffe Explanation SF ₆	✓ 1997-1999 erence is more than 2 per cent provided ☐ Potential ✓					
HFCs, PFCs, CO ₂ SF ₆	Totals provided for years: Comparison of CO2 from fuel combustion: Disaggregation by species: Reporting of Actual and/ or Potential estimates in the consumption of Halocarbons and SF6; Used in: Comments: Table 8(a) (Recalculated data):	I 1990-1 Refe	1999 rence appro r	✓ 1990-1999 bach S ○CS ✓ ○CS ✓ ○ ✓ ○ ✓ □ ✓ </td <td>ables. PAK ments:</td> <td>Ignorphical approach Actual C Sectoral report table RT II:</td> <td>PFCs C culation</td> <td></td> <td>e more than r cent Actual</td> <td>d data tables</td> <td>✓ 1997-1999 erence is more than 2 per cent provided ☐ Potential ✓</td>	ables. PAK ments:	Ignorphical approach Actual C Sectoral report table RT II:	PFCs C culation		e more than r cent Actual	d data tables	✓ 1997-1999 erence is more than 2 per cent provided ☐ Potential ✓					
HFCs, PFCs, CO ₂ SF ₆	Totals provided for years: Comparison of CO2 from fuel combustion: Disaggregation by species: Reporting of Actual and/ or Potential estimates in the consumption of Halocarbons and SF6; Used in: Comments: Table 8(a) (Recalculated data): Recalculation for years: Recalculated sectors/gases:	 ☑ ☑	1999 rence appro r	Image: symbol with the symbol withe symbol with the symbol with the symbol with the symbol w	ables. PAK ments:	Ightarrow Contract of the second se	PFCs C culation	✓ 77-1999 Differenc 2 pc 0 0 0 0 0 0 0 0 0 0 0 0 0	Image: Sectoral background Land-Use Change a	d data tables	☑ 1997-1999 erence is more than 2 per cent n provided ☑ Potential ☑					
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Indicators HFCs, PFCs, CO ₂	Totals provided for years: Comparison of CO2 from fuel combustion: Disaggregation by species Reporting of Actual and/ or Potential estimates in the consumption of Halocarbons and SF6; Used in: Comments: Table 8(a) (Recalculated data): Recalculation for years: Recalculated sectors/gases: CO2; CH4; N20:	Image: Summary tables of indices of a second secon	1999 rence appro r	Image: Second secon	ables. PAK ments:	Ignored a constraint of the second	PFCs C culation	✓ 77-1999 Differenc 2 pc 2 pc 3 pc 1 pc 2 pc	Image: state	d data tables	☑ 1997-1999 erence is more than 2 per cent n provided ☑ Potential ☑					
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Indicators HFCs, PFCs, CO ₂	Totals provided for years: Comparison of CO2 from fuel combustion: Disaggregation by species Reporting of Actual and/ or Potential estimates in the consumption of Halocarbons and SF6; Used in: Comments: Table 8(a) (Recalculated data): Recalculated sectors/gases: CO2; CH4; N20; HFCs: PFCs: SF6; Table 8(b) (Explanatory information);	<pre>✓ I 1990-1 I 1990-1 Refe: Actu ✓ Summary tab Use of indic: I990-1998 Ener ✓ 1990-1998 CEner ✓ I990-1998 </pre>	IP99	✓ 1990-1999 cs CS Pot=ntial Ø Industrial Proc	esses	Image: sectoral report table Carterian and the sector s	Image: second	✓ T-1999 T-1999 T-1999 T-1999 T-1999 T-1999 T-1999 T-1999 T-199	Image: state	d data tables	☑ 1997-1999 erence is more than 2 per cent provided □ Potential ☑					

LUCF: Land-Use Change and Forestry

* Base year refers to the year 1990, except for those Annex I Parties undergoing the process of transition to a market economy that are allowed to use a base year or a period of years other than 1990, in accordance with the provisions of Article 4.6 of the Convention and decisions 9/CP.2 and 11/CP.4. Information on the base year in the status reports does not reflect or prejudge any decision that may be taken by Parties in relation to the use of 1995 as base year for HFCs, PFCs and SF₆ in accordance with Article 3.8 of the Kyoto Protocol.

** According to the UNFCCC reporting guidelines on annual inventories (FCCC/CP/1999/7), these tables should be filled in only by Parties that use the IPCC default methodology.

Status report for															
Switzerland															
Part III: Provision of CRF tables for years reported															
Years Information gaps															
			Base year***	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	related to reporting*	Comments
		Sectoral report - Table 1											 ✓ 		
		Table 1A(a) Table 1A(b)											✓ ✓		
Energy	SBDT	Table 1A(c)											~		Differences between the reference approach and sectoral (national) approach were explained in the documentation box, although they were less than 2 per cent.
	0	Table 1A(d) Table 1B1											✓ ✓	~	
		Table 1B1											• √	~	
		Table 1C											~		
		Sectoral reports - Table 2(I)											~		
Industrial processes	L	Table 2(11)		L			<u> </u>						✓	✓	
dus	5	Table 2(I). A-G Table 2(II).C, E											✓ ✓	~	
Чд	SBDT	Table 2(II).C, E Table 2(II).F											✓ ✓	↓ ↓	
													•	v	
Solvent use	_	Sectoral report - Table 3											~		This table has been extended for reporting NOx, CO and SQ emissions.
Solv	SBDT	Table 3.A-D											~		
		Sectoral report - Table 4											✓		
		Table 4.A											~		An additional table for reporting detailed livestock population data has been included.
8		Table 4.B(a)											✓ ✓	✓ ✓	
Agriculture		Table 4.B(b) Table 4.C											✓ ✓	*	No data were reported in this table, but indicators used (NO).
tcul	Б	Table 4.D											• •		No data were reported in this table, but indicators used (NO).
Agr	SBD1	Table 4.E											~		No data were reported in this table, but indicators used (NO).
7		Table 4.F											~	~	An additional table has been included for reporting N incorporated with crop residues, dry matter production, NO emissions from crop residues, N fixed per kg crop and N fixed and NO emissions from N fixation.
0	_			_	-	-	-	-	-	_		-			
nge y	H	Sectoral report - Table 5											✓ ✓	✓	
Land-use change and forestry		Table 5.A* * Table 5.B* *											~		Indicator NO reported in documentation box.
for	SBDT	Table 5.C* *													Indicator NO reported in documentation box.
and-	S												~		
L_8	Table 5.D* *												v		No data were reported in this table, but indicators used (NE, NO).
Waste		Sectoral report - Table 6											~		
	E	Table 6 A											~	✓	
	SBDT	Table 6.B											~	✓	
	5	² Table 6.C											~	✓	<u> </u>
	C				1	1	1	1	1			1			
Summary and other tables		ummary 1A ummary 1B											√ √		
		ummary 2 (CO_2 equivalent emissions)			1								• •		
		ummary 3 (Methods/Emission factors)											~		
		able 7 (Overview)											~		
		able 8(a) (Recalculation - ecalculated data)		~	~	~	~	~	~	~	~	~			It was specified that percentage differences between the latest and previous submission for total CO_2 equivalent emissions with and without LUCF do not include HFCs, PFCs and SF ₆ .
	Ex	able 8(b) (Recalculation - xplanatory information)											~		One table 8(b) covering all years 1990 to 1998 for CO ₂ from land- use change and forestry was provided.
s	Ta	able 9 (Completeness)											~		
		able 10 (Trends) able 11 (Checklist)											✓ ✓		Emission estimates for HFCs, PFCs and SF_6 were provided for 199 to 1999 only.
	1a	aute 11 (Checklist)				I	I	I	I				v	1	1

SBDT: Sectoral background data tables

* This column indicates that reporting gaps (blank cells) have been identified in a given table of the CRF. This was due to limited or lack of use of indicators (NO, NE, NA, IE, C, 0). * * According to the UNFCCC reporting guidelines on annual inventories (FCCC/CP/1999/7), these tables should be filled in only by Parties that use the IPCC default methodology. * * * This column is only applicable for those Parties with economies in transition that use a base year other than 1990 according to decisions 9/CP.2 and 11/CP.4.