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Final Report for Contract No 01/45

Introduction

The contract was closed between:

UNIDO, Vienna International Center, A-1220 Vienna, Austria and

CGA Consulting Ltda, Rua Mario Lobo 61, BR-89201-330 Joinville, SC, Brazil.

Its objective is for CGA to supply local services to UNIDO for the identification and execution of projects for the elimination of CFCs, financed by the Multilateral Fund of the Protocol of Montreal. The activities of CGC are governed by ToR, dated 9th February 2001, which is part of the contract.

Overview of current and future projects

In the table below are listed companies and principal activities /occurrences up to the end of 2001.

Company name	Activity, production of...	Project No MP/BRA/...	CFC cons. MT/year	Comments (at the end of Table)
Projects completed in 2001				
Eletrofrio	Com refrig	96/208		(1), (2)
Crios	Rigid PU foam	98/045		(1)
Projects to be cancelled (decision PROZON Jun/01)				
Rubra	Com refrig	97/198		
Panamante	Com refrig	98/046		(3)
Projects now to be completed				
Arpama	Com refrig	99/112	9,2	(4) aug/01
Begel	Com refrig	same	5,4	(4) sept/01
Belliere	Com refrig	same	5,6	(4) sept/01
Genarex	Com refrig	same	6,2	(4) nov/01
Projects now in execution				
Sector	Flex+skin PU	00/106	18,3	(5)
Domnick	Com. Refrig	00/127	1,2	(6)
Ingecold	Com. Refrig	00/128	1,7	(6)
Kalten	Com. Refrig	00/123	8,6	(6) (7)
Klima	Com. Refrig	00/126	5,7	(7)
Metalplan	Com. Refri	00/124	1,9	(6)
Tecnigel	Domest. Refrig	00/130	2,5	(6)

Company name	Activity, production of...	Visited on date	CFC phase out. MT/y	Comments
Projects to be submitted to 34th ExCom, draft project document 2001				
Danica	Rigid PU foam	June 2000	146,6	(8)
Croydon	Domest. refrig	05.04.00	1,3	(9)
EZ Industria	Domest. refrig	10.04.01	8,5	(9)
Hidraumatic	Domest. refrig	10.04.01	2,9	(9)
Menoncin	Com. refrig	13.12.00	9,2	(9)
Unifrio	Com. refrig	14.12.00	11,2	(9)
Project document draft elaborated March/April/01 now for 36th ExCom				
Alvorada	Insul. truck and trailer bodies	27/09/00	6,1	(10)
Argi	Refr road vehic	01/09/97	3,1	(10)
Hornburg	Refr road vehic	01/09/97	4,9	(10)
Ibipora	Insul truck and trailer bodies	26/09/00	8,6	(10)
Luguez	Flex PU foam	13/10/00	9,0	(10)
Project suspended				
Ipla	PE foam		40	Now installed on new site
Visited. Commitment OK. Quest-files with data elaborated				
Busscar	Busses	28/07/2000	25,4	
Ciamont	Rigid PU foam	19/07/00	25,7	
Maksel	Com refrig	17/11/00	1,6	
Movimax	PE foam	22/01/01	150	new 2001
Seral	Com refrig	01/11/00	17	
Stil	Flex PU foam	13/06/00	10	
Therpan	Integr skin PU	28/06/00	2,6	
Companies visited but project not possible				
Uniklima	Com refr	08/02/00		No interest
Brasfilter	Dom refr	08/02/00		No interest
Makooler	Dom refrig	09.02/00		Not eligible
Maxifrio Blum.	Com Refrig	23/08/00	Cf arquivo	No interest
R Camargo	Com refrig	09/02/00		Broke

Company name	Activity, production of...	Visited on date	CFC phase out. MT/y	Comments
Companies visited but project not possible, continuation...				
Arufrio	Com refrig	07/04/00		Broke
Aquagel	Com refr	07/04/00		No interest
Randon	Busses	14/06/00		No interest. Conf. 10/8/01 by Pettini
Joint	Flex PU foam	28/06/00		UNDP
Altari	Refr. vehicles		0,5	Very little CFC
Celuplas	Flex PU foam	11/12/00		No CFC
Termofibra	Rigid PU foam	02/08/00		No CFC
Comil	Busses		No data	No interest
New Companies, last reevaluation Nov/01 – to be visited, see also Alist_4				
Asseptica	Com.refrig		20	
Bonano	PU foam		8	
Bruning Compact	Com. Refrig.		2,3	Questfile
Kit Frigor	Com Refrig.		0,5	Visited, Mr Rocha
Ouro Frio	Refrigeration		2	
Rebello	Refrigeration		2,5	
Ruveen	PU foam		9,5	
Zero Grau	Refrigeration		2,5	

Comments

- (1) Project Conclusion Report was made and signed by Vienna, signed by company and submitted to PROZON, who will sign only after visiting the companies.
- (2) Eletrofrío are still using HCFC-141b in PU, but will make 100% phase out until March/02. PROZON informed. No PCR submitted to PROZON so far says Teresa
- (3) Equipment was transferred to Danica on 30.10.2001. A minute of the proceedings is registered as MEMO_59 on my files.
- (4) Data for PCR collected with Arpama by Mr Almen, with the others by Mr Rocha All sent to Vienna (Akos).

- (5) Saip equipment arrived to company only in Nov/01 and installation will start only on 21.01.2002 (it took time to decide where and how).
- (6) Visited by Pedro Rocha to check/advise. New equipment OK, no CFC
- (7) Production recently moved to other plant and equipment not yet installed. Klima will install in jan/02 and Kalten in march/02. Cannon are after these companies because until installation complete – no money
- (8) Approved but with restriction (Responsibility is with PROZON – revision of Country Program). Danica want at least to start to install the Panamante equipment.
- (9) All five companies in one umbrella project, approved at 34th ExCom, Jul/01
- (10) Projects to be submitted to 36th ExCom, March/02?