















CHAMBRE SYNDICALE DES FABRICANTS DE VERRE PLAT	CHAMBRE SYNDICALE DES VERRERIES TECHNIQUES	CHAMBRE SYNDICALE DES VERRERIES MECANIQUES DE FRANCE
EUROFLOAT	CORNING SAS	ARC INTERNATIONAL
AGC France SAS	KERAGLASS	ARC INTERNATIONAL COOKWARE
INTERPANE GLASS France	OWENS CORNING FIBERGLAS France SA	O-I MANUFACTURING France
RIOGLASS	SAINT GOBAIN ISOVER	DURALEX INTERNATIONAL France SAS
SAINT GOBAIN SULLY	OCV CHAMBERY France	VERALLIA - SAINT GOBAIN EMBALLAGE
SAINT GOBAIN GLASS France	OCV CHAMBERY International	SGD
SAINT GOBAIN SEKURIT France	SAINT GOBAIN QUARTZ SA	TOURRES & CIE – VERRERIES DE GRAVII
		VERRERIE DU LANGUEDOC & CIE
		VERRERIES DE MASNIERES - BORMIOLI
		VOA VERRERIE D'ALBI

	* ± * Institut du Verre	







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An	example of	costs	assoc	iated t	to an	electro	static d	ust
	filter + dry	scrub	ber for	SOx	(lifeti	me 10 y	years)	

<u>The glass production technology</u> : float glass furnace of 700 tonnes/day, producing glass for windows (building and automotive). This furnace is fired with gas.

Total investments (capital + foundation / civil works)	4 699 500	€	
Capital costs / year (including interest rate)	603 206	€/year	
Total operating costs / year (including disposal of the dust)	909 641	€/year	
Total costs / year	1 512 848	€/year	
Initial dust concentration	140	mg/Nm ³	
Dust concentration after filtration	5	mg/Nm ³	
Initial SOx concentration	800	mg/Nm ³	
SOx concentration after filtration	536	mg/Nm ³	
Specific costs	5,92	€/molten tonne of glass	
Specific costs for dust	13,34	€ / kg dust reduced	
Specific costs for SOx	0,66	€ / kg of SOx reduced	
Source : TNO study, 2008		12	













