

**FIDIC
G.A.M. 2003**

**Overview of Engineering
Consultancy**

**In 34 Countries covered
by the FIDIC Annual Survey**

in 2002

December 2002

1- FIDIC Members Associations in the 2002 Survey

AFRICA	3 Countries	73 million Inh.
AMERICA	2 Countries	323 million Inh.
ASIA	8 Countries	2 772 million Inh.
EUROPA	21 Countries	452 million Inh.

**Associations of 34 Countries
Representing 3 620 million Inhabitants**

65 Countries are represented in FIDIC

World population : 6 057 million Inhabitants

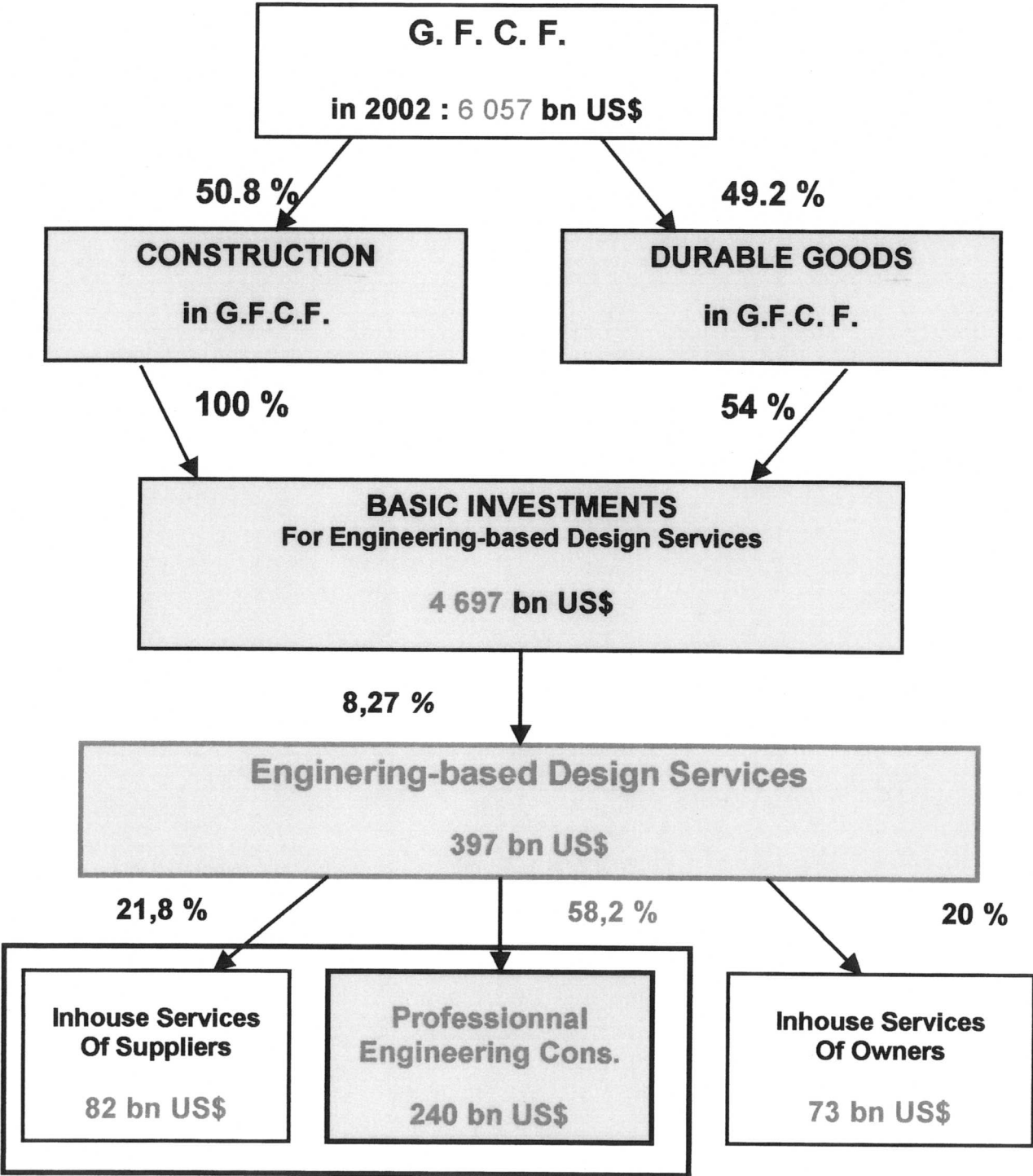
2- Main Economic Indicators for the 34 Countries covered by the Survey

	GDP	GFCF
21 European Countries	9 329 US\$ bn 20 631 US\$/Inh.	1 979 US\$ bn 4 377 US\$/Inh.
2 American Countries	10 838 US\$ bn 33 543 US\$/Inh.	2 269 US\$ bn 7 023 US\$/Inh.
8 Asian Countries	6 476 US\$ bn 2 337 US\$/Inh.	1 787 US\$ bn 645 US\$/Inh.
3 African Countries	126 US\$ bn 1 730 US\$/Inh.	22 US\$ bn 297 US\$/Inh.

Total	26 770 US\$ bn 7 396 US\$/Inh.	6 057 US\$ bn 1 673 US\$/Inh.
World (2002)	32 252 US\$ bn 5 265 US\$/Inh.	6,580 US\$ bn * 1,100 US\$/Inh. *

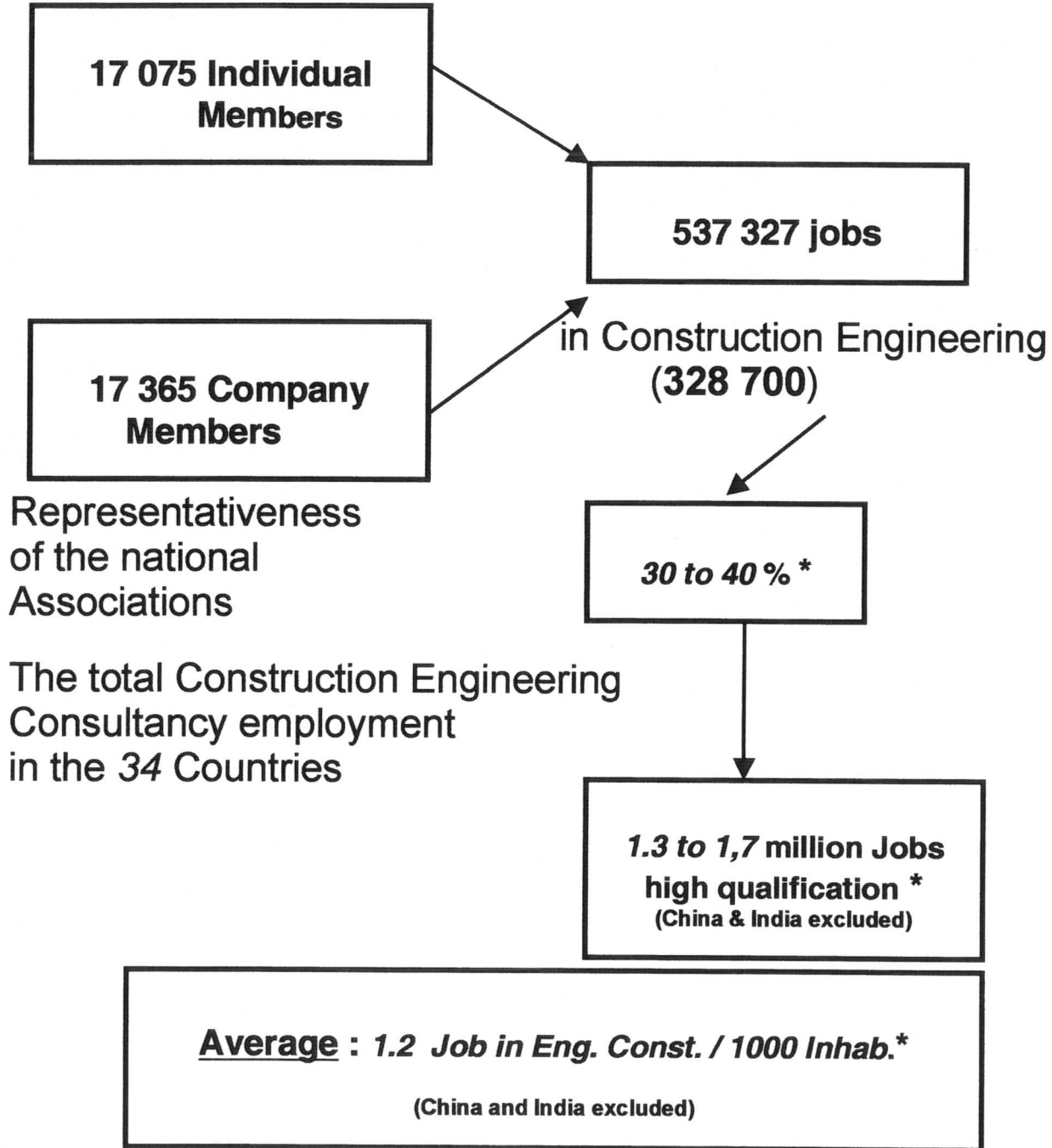
* Value of the 2000 FIDIC Survey

3- Engineering Possibilities from the GFCF



4- FIDIC Information on the Members

in 34 Countries



* China and India excluded - (Syntec estimation)

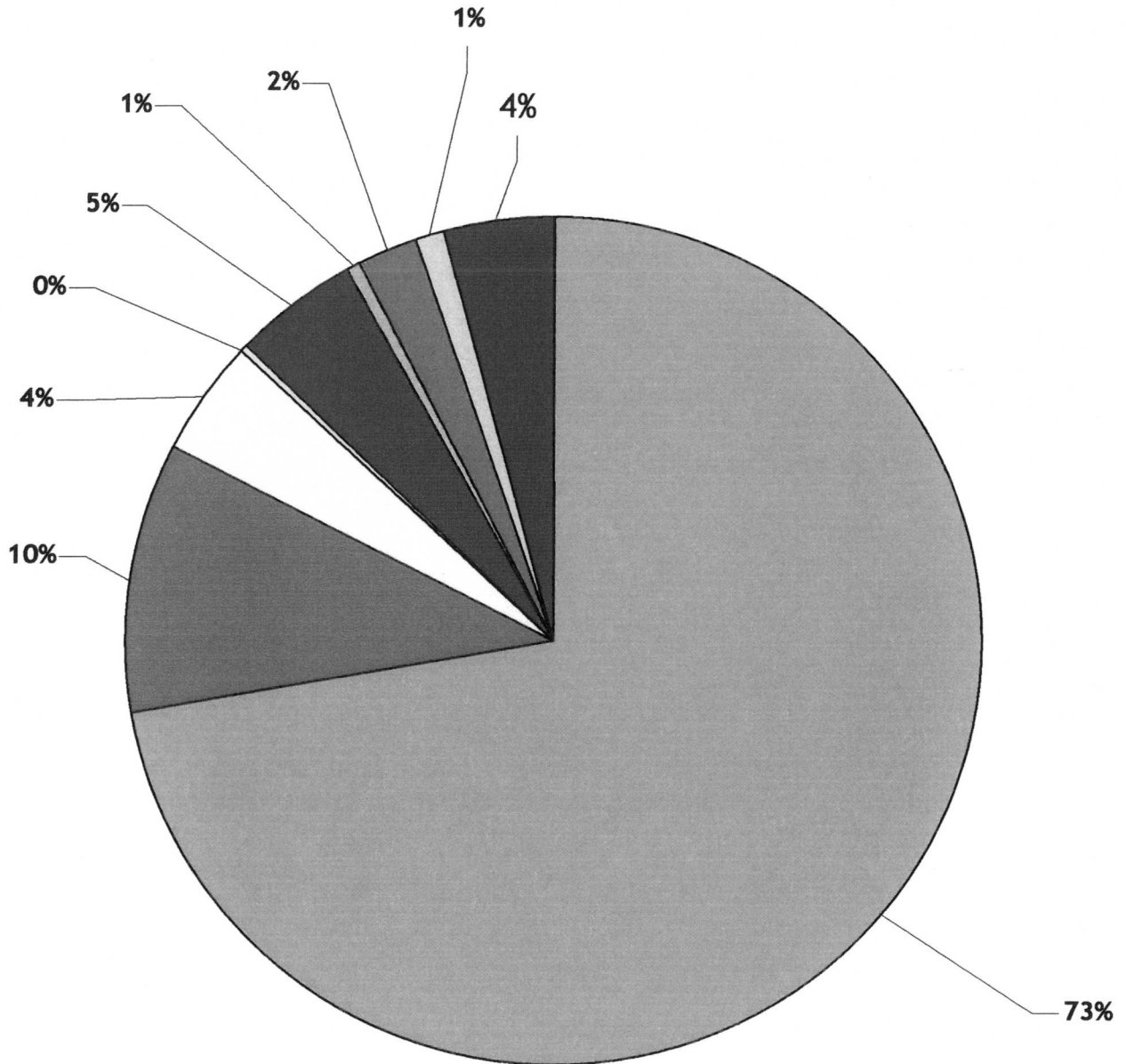
5- Practice of Engineering Consultancy (in 27 Countries)

- **Subject to Legal Restrictions** **15 Countries**
- **Compulsory Registration** **12 Countries**
- **Totally free** **13 Countries**

6- Main Activities of Member Firms

1 - Construction	73.1 %
2 – Goods & Service Production	10.2%
3 – Management Consulting	4.4%
4 – Facilities management	0.3%
5 – Control - Inspection	4.36 %
6 – Information Technology	0.44 %
7 – Training	2.27 %
8 – Architecture	0.77 %
9 – Other	4.29 %

Main Activities of Members Firms



- | | |
|----------------------------------|-------------------------------|
| ■ Construction | ■ Goods & Services Production |
| □ Management consulting | □ Facilities Management |
| ■ Technical Control & Inspection | ■ Information & Technology |
| ■ Training | □ Architecture |
| ■ Other | |

Annexes

Macro-Economic Data

Annex 10.1

Presentation

Annex 10.2

Engineering Sector

Annex 10.3

Members Firm

Annex 10.4

Presentation

Survey on National Associations Activities for FIDIC Members														
Présentation			Macroeconomic data				Domestic Industry			M & E				
Association	Area	Population	IDH	GDP	Growth Rate	GFCF	GFCF/GDP	Construction	(durable goods)	Construction	M & E	Construction	M & E (durable Goods)	Total
	in sq km	(mid 2003)	(6)	(a)	2002/2001	(2002)	(2002)	% of GFCF	billion US\$	in %	% of GFCF	billion US\$	in %	billion US\$
		in millions		billion US\$	in %	billion US\$	in %							
Bostwana	600 370	1,8	572	5,50	1,00	1,10	20,00	50,00	0,55	100,00	50,00	100,00	0,28	0,83
South Africa	1 221 201	45,0	695	113,40	33,20	19,28	17,00	50,00	9,64	100,00	50,00	100,00	9,64	14,46
Uganda	241 038	25,8	444	6,70	7,00	1,21	18,00	50,00	0,60	100,00	50,00	100,00	0,30	0,90
Canada	9 980 000	31,6	940	694,50	3,40	138,90	20,00	56,40	78,34	100,00	43,60	100,00	27,01	105,35
USA	9 373 000	291,5	939	10 143,20	4,20	2 130,07	21,00	41,00	873,33	100,00	59,00	100,00	741,48	1 614,81
Australia	7 692 030	19,7	939	366,20	3,80	87,89	24,00	47,80	42,01	100,00	52,20	100,00	21,79	63,80
Bangladesh	144 000	146,7	478	39,30	6,00	9,04	23,00	40,00	3,62	100,00	60,00	100,00	3,15	6,76
China	9 600 000	1 304,2	726	1 159,00	7,50	228,33	37,00	72,00	308,78	100,00	28,00	100,00	60,04	368,79
China Taipei	36 181	22,6	718	291,00	11,00	69,84	24,00	24,20	16,90	100,00	75,80	100,00	26,47	43,37
India	3 029 000	1 065,5	477	400,60	6,20	96,14	24,00	50,00	48,07	100,00	50,00	100,00	24,04	72,11
Japan	377 800	127,7	933	4 141,40	0,90	1 076,76	26,00	56,00	602,99	100,00	44,00	100,00	208,46	811,45
New-Zeland	268 021	3,9	917	50,20	3,70	10,54	21,00	50,00	5,27	100,00	50,00	100,00	2,64	7,91
Vietnam	330 000	81,4	688	28,60	5,10	7,72	27,00	61,90	4,78	100,00	38,10	100,00	0,29	5,07
Austria	84 000	8,1	926	204,10	1,00	48,98	24,00	58,00	28,41	100,00	42,00	100,00	11,93	40,34
Belgium	30 500	10,3	939	229,60	4,30	50,51	22,00	47,00	23,74	100,00	53,00	100,00	14,19	37,93
Czech Republic	80 000	10,2	849	19,90	-2,30	5,97	30,00	30,10	1,80	100,00	69,90	100,00	2,42	4,22
Denmark	43 000	5,4	926	209,00	2,50	41,80	20,00	46,00	19,23	100,00	54,00	100,00	18,06	37,29
Finland	338 000	5,2	930	120,90	2,00	24,18	20,00	62,50	15,11	100,00	37,00	100,00	20,37	20,37
France	549 000	60,1	928	1 309,80	3,31	275,06	21,00	60,00	165,03	100,00	40,00	100,00	63,81	228,85
Germany	357 000	82,5	925	1 846,10	1,00	424,60	23,00	62,70	266,23	100,00	37,30	100,00	91,86	358,08
Greece	132 000	11,0	885	116,80	3,66	25,70	22,00	68,30	17,55	100,00	31,70	100,00	8,15	22,27
Hungary	93 000	9,9	835	68,70	3,70	16,34	26,70	35,40	6,49	100,00	64,60	100,00	6,87	13,37
Ireland	70	4,0	925	103,30	9,00	23,76	23,00	66,10	15,70	100,00	33,90	100,00	4,67	20,38
Italy	301 340	57,4	913	1 486,00	0,40	292,74	19,70	42,30	123,83	100,00	57,70	100,00	84,46	208,29
Luxembourg	3 000	0,5	925	19,00	5,00	3,99	21,00	56,30	2,25	100,00	43,70	100,00	1,01	3,26
Netherlands	41 000	16,1	935	380,10	0,30	83,62	22,00	54,00	45,16	100,00	46,00	100,00	22,31	67,47
Norway	41 000	4,5	942	200,00	1,00	18,80	9,40	23,50	4,42	100,00	76,50	100,00	1,44	5,86
Poland	312 000	38,6	833	203,20	1,30	52,83	26,00	42,00	22,19	100,00	58,00	100,00	18,08	40,27
Portugal	92 000	10,1	880	109,80	3,50	30,74	28,00	49,40	15,19	100,00	50,60	100,00	9,02	24,21
Slovenia	20 000	2,0	879	21,99	3,20	6,16	28,00	48,30	2,97	100,00	51,70	100,00	1,97	4,95
Spain	504 782	41,1	919	800,00	2,00	208,00	26,00	68,00	141,44	100,00	32,00	100,00	38,60	180,04
Sweden	411 000	8,9	941	209,80	1,20	37,76	18,00	47,50	17,94	100,00	52,50	100,00	11,50	29,44
Switzerland	41 300	7,2	928	247,10	7,00	49,42	20,00	28,00	13,84	100,00	72,00	100,00	16,37	30,21
UK	243 306	59,3	928	1 424,10	7,00	256,34	18,00	51,40	131,76	100,00	48,60	100,00	72,28	204,01
Sub Total Europe	3 717 298	452,2	909	9 329,29	2,65	1 979,31	21,22	54,58	1 080,27	100,00	45,42	100,00	899,04	1 581,09
Sub Total America	19 353 000	323,1	940	10 837,70	3,80	2 288,97	20,94	41,94	951,67	100,00	58,06	100,00	768,49	1 720,16
Sub Total Africa	2 062 609	72,6	570	125,60	13,73	21,58	17,18	50,00	10,79	100,00	50,00	100,00	5,40	16,19
Sub Total Asia	21 477 032	2 771,6	735	6 476,30	5,53	1 786,77	27,59	57,78	1 032,40	100,00	42,22	100,00	346,87	1 379,27
Total	46 609 939	3 619,6	788	26 768,89	6,43	6 056,64	34	3 075,13	2 981,51	100,00	45,98	100,00	1 621,57	4 696,70
Average				4 960,39	3,44	1 082,36	22,63	50,77	768,78	100,00	48,92	100,00	405,39	1 174,18
Weighted Average								50,77	484,11	100,00	49,23	100,00	322,68	806,79

- Notes :
- (a) The Values of GNP are issued from FIDIC Data (Form 1 - Sector Data)
 - 1 The values in *italic* are "Average Value" or result of Calculation
 - 2 The weighted Average values are weighted with FGFC or GNP of each country
 - 3 Basic Investment for Engineering is the addition of 100% investments in Construction and a percentage (given) investments in Durable goods (Machinery & Equipment)
 - 4 GDP = Gross Domestic Product
 - 5 GFCF = Gross Fixed Capital Formation
 - 6 IDH = Human Development Index. The given values (x 1000) are of 2000) (Sources UNPD.org HDI 2002 - valeur 2000)
 - 7 Population values are of UNPD
 - 8 Values on the right side of division are issued from FIDIC Survey earlier than 2003 - last known values

Member Firms

Survey 2003 for Year 2002	Survey on National Associations Activities for FIDIC Members										Activities of Firms									
	National Association Members					National Associations Members Ownership					Number of Employees					% of Activities of Members on National Association in :				
	Individual Members	Firm Members	% of Employees in Firms owned by Management	Private Investors	Government	Total Staff working for Members	Construction	Goods & Serv. Production	Management Consulting	Facilities Management	Control Inspection	Information Technology	Training	Architecture	Others	Member Size in %				
		in %	in %	in %		Number of Empl.	Number of Empl.	Number of Empl.	Number of Empl.	Number of Empl.	Number of Empl.	Number of Empl.	Number of Empl.	Number of Empl.	S	S-M	M-L	L		
Bostwana						468	0	0	0	0	0	0	0	0						
South Africa	9 430	410				9 430		1,9	179	1,1	104		1	58	93	8 740	76	19	5	
Uganda	0	13				230	0	0				0								
Canada	0	595	95	5	0	23 432														
USA	0	5 842	95	5	0	250 000	15	37 500	10	25 000	5	12 500	5	12 500	100	23 432	55	28	17	
Australia	0	281	95	5	0	9 000	10	900	5	450	5	450	2	180	100	900	75	17	4	
Bangladesh	0	26	100	0	0	680	374	20	136	10	68	3	20	7	48	51	30	19		
China	0	305	10	2	88	14 600	5	730	26,6	3 884	12,7	1 854	0	2	292	45	6 526	45	0	
China Taipei	81	39	0	96	4	3 406	35	1 192	25	852	15	511	15	341	0	40	28	32		
India	120	107				6 825	0	6 825												
Japan	186	97	85	15	0	5150	30	1 545	31	1 597	4	206	4	258	26	1 339	30	40	30	
New-Zeland	640	168	99	1	0	6 000	60	1 620	15	405	10	270	5	135	100	6 000	70	20	8	
Vietnam	20	98	0	20	80	2 700	55	2 255	10	410	20	820	10	410	5	135	30	60	10	
Austria	0	1 224	90	10	0	4 100	100	4 100	0	0	0	0	0	0	0	0	70	25	5	
Belgium	0	95	77	13	10	4 100	100	4 100	0	0	0	0	0	0	0	0	0	0		
Czech Republic	0	79	79	21	0	1 705	100	1 705	0	0	0	0	0	0	0	0	0	0		
Denmark	0	350	80	20	0	9 253	57	5 274	20	1 851	9	833	8	740	4	370	0	77	18	4
Finland	0	255	56	41	3	10 162	56,8	5 772	36,7	3 729	0,5	51	0	1,6	0,4	41	4	396	0	10
France	350	1 035	33	33	33	21 623	92,3	19 947	0,75	1 514	7	1 514	0	0	0	0	0	46	32	15
Germany	3 500	3 450	87	12	1	45 000	72,2	32 477	3,26	1 467	6,3	2 835	5	2 250	2,17	977	3,65	1 643	2,43	1 094
Greece	0	220	100	0	0	3300	80	2 640	0	0	0	0	0	0	0	0	0	0	0	
Ireland	27	73	83	12	5	2 730	52	1 420	15	410	7	191	0	10	273	0	6	164	0	10
Hungary	170	104	100	0	0	1 430	80	1 144	20	286	0	0	0	0	0	0	0	0	0	
Italy	0	395	28	36	36	16 850	66	11 121	8	1 348	6	1 011	2	337	10	1 685	1	169	6	1 011
Luxembourg	0	101	77	13	10	1 371	92,48	1 268	3,8	52	2,33	31	0,09	1	0,09	1	11	0	0	
Netherlands	0	216	70	30	0	19 000	60	11 400	10	1 900	5	950	10	1 900	0	0	0	0	0	
Norway	5109	359	83	14	3	5 782	45	2 602	10	578	10	578	3	173	2	116	5	289	5	289
Poland	103	18	75	25	0	585	86	503	0	5	29	2	12	3	18	0	4	23	0	0
Portugal	0	160	77	13	10	1 988	92,48	1 839	3,8	76	2,23	44	0,09	2	1	16	0	0	0	
Slovenia	0	18	35	65	0	629	40	252	20	126	0	0	0,6	12	0,6	12	0	0	0	
Spain	0	225	50	40	10	22 904	45	10 307	6	1 374	4	916	0	10	63	8	50	14	88	0
Sweden	0	300	100	0	0	9 800	100	9 800	0	0	0	0	0	0	0	0	0	0	0	
Switzerland	0	400	100	0	0	5 800	93	5 394	2	116	2	116	0	1	58	0	0	0	0	
UK	0	560	99,6	0,0	0,4	32 348	100	32 348	0	0	0	0	0	0	0	0	0	0	0	
Sub Total Europe	9 259	9 558	75,3	19,0	5,7	220 460	74,5	163 566	8,1	13 885	4,1	9 919	1,1	4 127	5,1	13 813	7,3	4 120	7,6	2 609
Sub Total America	0	6 437	47,5	2,5	0,0	273 432	30,0	150 000	7,5	37 500	2,5	25 000	2,5	12 500	0,0	0	2,5	12 500	0,0	2,5
Sub Total Africa	9 430	423	0,0	0,0	0,0	10 128	66,7	698	0,0	0,6	179	0,4	104	0,0	0	349	0,0	0	0,2	58
Sub Total Asia	1 047	1 121	48,6	17,4	21,5	48 361	41,6	16 606	16,0	7 773	7,7	3 809	0,6	450	6,0	3 100	0,6	450	3,8	1 496
Total	19 736	17 539				552 381	330 870	59 157	38 907	59 157	17 181	29 413	16 604	8 052	47 719	14 948	42,6	24,4	0,8	19,8
Average	658	548	71,2	18,7	10,1	16 247	59,9	10,7	7,0	10,1	3,1	5,3	1,5	8,6	59	23	9	14		
Weighted Average						72,5	10,1	4,4	4,2	4,28										
Notes :	<p>1 The values in <i>italic</i> are "Average Value" or result of Calculation</p> <p>2 The weighted Average Values are weighted with FGFC or GDP of each country</p> <p>3 The Values on the right side of division are issued from FIDIC Survey earlier than 2003 - last known values</p>																			
2 310	3000	450	180	180	180	1 495 277	72,5%	10,1%	4,4%	4,4%	4,7%	4,7%	2,4%	1,0%	4,3%					

12600
176
114000

The Engineering Sector

4700

Survey 2003 for Year 2002	Survey on National Associations Activities for FIDIC Members										Geographical Repartition on Turnover							
	Domestic Market					Engineering Services provided by in-House Investors (rest)					Domestic Consumption Professional Eng. Services		Imports of Eng. Services		Exports of Eng. Services		National Production of Eng. Services	
	Engin. Fees on basic Investments %	Total Domestic Demand (a) in Mio US\$	US\$/Hab.	other Domestic Industries in % of total Demand (2)	in Mio US\$	in % of total Demand (2)	in % of total Demand (2)	in Mio US\$	in % of total Demand	Profess. Engineering in % of total Demand	Domestic Consumption Professional Eng. Services in Mio US\$	Imports of Eng. Services in Mio US\$ (3)	Exports of Eng. Services in Mio US\$ (4)	National Production of Eng. Services in Mio US\$ (5)	National Production of Eng. Services in US\$/Hab (5)			
Bostwana	7,0	58,00	32,49	10,00	5,80	10,00	5,80	10,00	80,00	46,40	0,00	0,00	46,40	46,40	25,99			
South Africa	8,0	1 157,00	25,70	25,00	289,25	27,00	242,97	27,00	54,00	624,78	0,00	0,00	624,78	624,78	13,88			
Uganda	10,0	90,00	3,48	20,00	18,00	30,00	27,00	30,00	50,00	45,00	0,00	0,00	45,00	45,00	1,74			
Canada	8,0	8 428,00	266,71	25,00	2 107,00	21,00	1 769,88	21,00	54,00	4 551,12	0,00	1 992,00	6 543,12	6 543,12	207,06			
USA	8,0	129 185,00	443,17	25,00	32 296,25	21,00	27 126,85	21,00	54,00	69 759,90	0,00	0,00	69 759,90	69 759,90	239,31			
Australia	5,0	3 190,00	161,67	15,00	478,50	20,00	638,00	20,00	65,00	2 073,50	0,00	0,00	2 073,50	2 073,50	105,09			
Bangladesh	15,0	1 014,00	6,91	15,00	152,10	0,00	0,00	0,00	85,00	861,90	480,00	0,00	861,90	381,90	2,60			
China	2,5	9 220,00	7,07	30,00	2 766,00	25,00	2 305,00	25,00	45,00	4 149,00	700,00	230,00	3 679,00	3 679,00	2,82			
China Taipei	5,0	2 169,00	95,97	22,00	477,18	26,00	563,94	26,00	52,00	1 127,88	131,00	136,00	1 132,88	1 132,88	50,13			
India	10,0	7 211,00	6,77	20,00	1 442,20	20,00	1 442,20	20,00	60,00	4 326,60	0,00	0,00	4 326,60	4 326,60	4,06			
Japan	12,0	97 374,00	762,80	15,00	14 606,10	5,00	4 868,70	5,00	80,00	77 899,20	365,00	443,00	77 977,20	77 977,20	610,65			
New-Zeland	10,0	791,00	204,13	30,00	237,30	5,00	39,55	5,00	65,00	514,15	0,00	0,00	514,15	514,15	132,08			
Vietnam	10,0	507,00	6,23	10,00	50,70	10,00	50,70	10,00	80,00	405,60	74,00	4,00	405,60	405,60	4,12			
Austria	5,0	2 017,00	248,52	22,48	453,42	26,38	532,08	26,38	51,14	1 031,49	100,00	100,00	1 031,49	1 031,49	127,09			
Belgium	5,8	2 200,00	213,22	22,48	494,56	48,97	1 077,34	48,97	28,55	628,10	0,00	200,00	828,10	828,10	80,26			
Czech Republic	3,0	127,00	12,41	10,00	12,70	25,00	31,75	25,00	65,00	82,55	60,00	0,00	82,55	22,55	2,20			
Denmark	12,0	4 474,00	834,08	25,00	1 118,50	20,00	894,80	20,00	55,00	2 460,70	50,00	225,00	2 635,70	2 635,70	491,37			
Finland	8,0	1 630,00	313,04	20,00	326,00	25,00	407,50	25,00	55,00	896,50	0,00	300,00	1 196,50	1 196,50	229,79			
France	6,7	15 333,00	254,94	26,00	3 986,58	21,00	3 219,93	21,00	53,00	8 126,49	0,00	3 510,00	11 636,49	11 636,49	193,48			
Germany	10,0	35 808,00	434,16	17,00	6 087,36	23,00	8 235,84	23,00	60,00	21 464,80	0,00	4 380,00	25 864,80	25 864,80	313,60			
Greece	5,0	1 114,00	101,49	35,00	389,90	15,00	167,10	15,00	50,00	557,00	80,00	110,00	587,00	587,00	53,48			
Hungary	1,0	134,00	13,57	30,00	40,20	15,00	20,10	15,00	55,00	73,70	30,00	85,00	128,70	128,70	13,03			
Ireland	4,0	815,00	206,02	17,75	144,66	41,50	338,23	41,50	40,75	332,11	0,00	0,00	332,11	332,11	83,95			
Italy	10,0	20 836,00	362,85	10,00	2 083,60	40,00	8 334,40	40,00	50,00	10 418,00	900,00	1 000,00	10 518,00	10 518,00	183,17			
Luxembourg	5,0	163,00	359,82	22,48	36,64	26,38	43,00	26,38	51,14	83,36	20,00	30,00	93,36	93,36	206,09			
Netherlands	10,0	6 747,00	417,80	34,80	2 347,96	28,60	1 929,64	28,60	36,60	2 469,40	0,00	0,00	2 469,40	2 469,40	152,91			
Norway	8,0	468,00	103,24	10,00	46,80	10,00	46,80	10,00	80,00	375,00	660,00	400,00	115,00	115,00	25,37			
Poland	19,0	7 651,00	198,28	22,00	1 683,22	11,00	841,61	11,00	67,00	5 126,17	8,00	26,00	5 144,17	5 144,17	133,31			
Portugal	5,0	1 211,00	120,35	22,48	272,23	26,38	319,46	26,38	51,14	619,31	80,00	0,00	539,31	539,31	53,60			
Slovenia	11,0	544,00	274,19	36,00	195,84	63,00	342,72	63,00	1,00	5,44	0,40	0,10	5,54	5,54	2,59			
Spain	6,4	11 523,00	280,64	19,40	2 235,46	23,60	2 719,43	23,60	57,00	6 568,11	0,00	600,00	7 168,11	7 168,11	174,58			
Sweden	14,0	4 121,00	464,29	10,00	412,10	10,00	412,10	10,00	80,00	3 296,80	0,00	570,00	3 866,80	3 866,80	435,65			
Switzerland	10,0	3 021,00	421,40	20,00	604,20	30,00	906,30	30,00	50,00	1 510,50	1 330,00	3 040,00	3 220,50	3 220,50	449,23			
UK	8,0	16 321,00	275,46	26,60	4 341,39	23,60	3 851,76	23,60	49,80	8 127,86	0,00	1 500,00	9 627,86	9 627,86	162,49			
Sub Total Europe	7,95	136 258,00	287,42	20,05	27 313,32	25,45	34 671,89	25,45	54,51	74 273,39	3 318,40	16 076,10	87 031,09	87 031,09	192,45			
Sub Total America	6,50	137 613,00	354,94	25,00	34 403,25	21,00	28 898,73	21,00	54,00	74 311,02	0,00	1 992,00	76 303,02	76 303,02	236,16			
Sub Total Africa	8,33	1 305,00	20,56	23,99	313,05	21,13	275,77	21,13	54,88	716,18	0,00	0,00	716,18	716,18	9,86			
Sub Total Asia	8,69	121 476,00	156,44	16,64	20 210,08	8,16	9 908,09	8,16	75,21	91 357,83	1 750,00	813,00	90 420,83	90 420,83	32,62			
Total		396 652,00	82 239,70		82 239,70		73 754,48			240 658,42	5 068,40	18 881,10	254 471,12	254 471,12	70,30			
Average	8,16	11 666,24	233,32	20,73	2 418,81	18,59	2 169,25	18,59	60,67	7 078,19	149,07	555,33	7 484,44	7 484,44	20,30			
Weighted Average	8,51	69 384,64	410,33	21,80	15 281,06	20,04	12 102,36	20,04	58,16	42 001,21	175,31	777,00	42 602,91	42 602,91	269,42			
Notes :			109,58		22,72		20,38			66,49			70,30	70,30				
			396 652,60															

(a) The value of "Total Domestic Demand" is issued from the FIDIC Data (Form I-Sector data)
 (1) The values in *italic* are "Average Value" or result of Calculation
 (2) The weighted Average values are weighted with FGFC or GDP of each country
 (3) National Production = Consumption of National Professional Engineering - Imports of Services + Exports of Services
 (4) The Values on the right side of division are issued from FIDIC Survey earlier than 2003 - lastir known values

Detailed Results Fidic Survey & your Country

Name of your Country
Year of last Informations

Ann.	Total Fidic Survey "2003"	Variables	America 2 Countries	Asia 8 Countries	Africa 3 Countries	Europe 21 Countries	Your Country
Macro Economic Data							
10.2	26 770	GNP in billion US\$ (a)	10 838	6 476	126	9 329	
10.2	3 620	Population in million (a)	323	2 772	73	452	
c	7 396	GNP / Inhab. in US\$	33 543	2 337	1 730	20 631	
10.2	6 057	GFCF in billion US\$ (a)	2 269	1 787	22	1 979	
c	1 673	GFCF / Inhab. in US\$	7 023	645	297	4 377	
10.2	50,8%	Distribution GFCF (%) Construction * (a)	41,9%	57,8%	50,0%	54,6%	
10.2	49,2%	Distribution GFCF (%) Durable Goods * (a)	58,1%	42,2%	50,0%	45,4%	
10.2	54,0%	Basic Investment of Engineering Services (%) Durable Goods * (a)	58,3%	46,0%	50,0%	55,7%	
10.2	4 697	Basic Engineering Investments in billion US\$	1 720	1 379	16	1 581	
10.3	8,51%	% Engineering Fees * (a)	6,5%	8,7%	8,3%	8,0%	
10.3	396 652	Total Domestic Demand Eng. Ser. in Mio US\$ (a)	137 613	121 476	1 305	136 258	
c	109,6	Total Domestic Demand Eng. Ser. / Inhab. (Aver.)	425,9	43,8	18,0	301,3	
10.3	58,2%	% of Production of Professional Eng. Ser. *	54,0%	75,2%	54,0%	54,5%	
10.3	240 658	Domestic Consumption of Professional Eng. Ser. in Mio US\$	74 311	91 358	716	74 273	
10.3	5 068	Imports in Mio US\$ (a)	0	1 750	0	3 318	
10.3	18 881	Exports in Mio US\$ (a)	1 992	813	0	16 076	
c	254 471	National Production of Professional Eng. Ser. in Mio US\$	76 303	90 421	716	87 031	
c	70,3	National Production Eng. Ser. / Inhab. In US\$	236,2	32,6	9,9	192,5	
10.3	82 240	Eng. Ser. Other Domestic Industries in Mio US\$	34 403	20 210	313	27 313	
10.3	73 754	Eng. Ser. In House Investors in Mio US\$	28 899	9 909	276	34 672	
c	20,7%	Eng. Ser. Other Domestic Industries in %	25,0%	16,6%	24,0%	20,0%	
c	30,6%	Eng. Ser. In House Investors in %	21,0%	8,2%	21,1%	25,4%	
10.4	552 381	Members Employees (b)	273 432	48 361	10 128	220 460	
10.4	72,5%	% of their Activities in Construction *	30,0%	41,6%	66,7%	74,5%	
**	1,3 to 1,7 Million	Employement Engineering for Construction **	149 094	17 122	707	158 050	
c	460,7	National Production Eng. Ser. / Employee in US\$	279,1	1 869,7	70,7	394,8	
10.5	6,5	Average T.I.C.P. (value on 10) (a)	8,3	5,1	4,4	7,2	
10.2	788	Average IDH (x 1000 - value on 1000)	909	735	570	909	

Note

- (a) The Values (specially Basic Engineering Investments) are issued from the FIDIC Data (Form I)
(b) The Values are issued from FIDIC Data (Form II)
(**) Syntec Estimation
(*) The Values are weighted Average
The Values in italics are calculated