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SUPPORT

UNITED NATIONS TECHNICAL CO-OPERATION ACTIVITIES

Statistical information for 1986

Report of the Secretary-General

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## INTRODUCTION

1. The tables which follow include a summary of statistics on technical co-operation project activities of the organizational entities of the United Nations and detailed information on the United Nations Department of Technical Co-operation for Development (DTCD). The information was requested in Governing Council decision 79/22, and this report has been prepared in conjunction with two other reports before the thirty-fourth session of the Council, DP/1987/12/Add.3 and DP/1987/59, which contain basic programme data related to work financed by UNDP and information on agency regular budget and non-UNDP extrabudgetary technical co-operation activities. An analysis of the DTCD programme delivery and administrative costs is included in DP/1987/45.
2. Financial data in this document have been derived from the financial statements for the year ending 31 December 1986.
3. As a result of the new status of UNIDO as a specialized agency, the provision of financial data pertaining to its activities has been discontinued.

## PROGRAMME DELIVERY

4. In 1986, the organizational entities of the United Nations delivered a technical co-operation programme of \$232 million, compared with \$198 million in 1985 (excluding UNIDO). This represents a 17 per cent increase in project expenditures.
5. Of this amount, DTCD executed a programme of \$145.9 million. UNDP-financed projects represented \$103.1 million of this total; projects financed by the United Nations Fund for Population Activities (UNFPA) accounted for \$13.2 million; \$21.8 million went for Trust Fund-financed activities; and \$7.8 million was expended under the United Nations regular programme for technical co-operation. In comparison with 1985, budgets increased by \$10.6 million (6.4 per cent) in 1986 to \$175.9 million and the delivery of \$145.9 million was 14.7 per cent above the previous year's total of \$127.2 million. The implementation rate was 83 per cent.
6. On a geographic basis, the DTCD-executed programme in 1986 included expenditures of \$58.7 million in Africa; \$35.9 million in Asia and the Pacific; \$30.4 million in the Middle East, Mediterranean, Europe and Interregional (MEMEI); and \$20.9 million in the Americas. The largest growth was in Africa, where the programme increased by \$13.5 million. Project delivery in Africa remained the largest, and its share of the total delivery increased from 36 per cent to 40 per cent.
7. The distribution of project expenditures by substantive sectors was the following: natural resources and energy, \$74.3 million; development planning, \$26.3 million; statistics, \$15.5 million; public administration and finance, \$14.9 million; population, \$6.4 million; social development, \$4.3 million; United Nations Educational and Training Programme for Southern Africa (UNETPSA),

\$3.1 million; and others, \$1.1 million. Natural resources and energy, which comprised 51 per cent of the DTCD total, remained the largest programme; development planning continued to be the second largest. The largest growth by sector was in natural resources and energy, which increased by \$14.6 million (25 per cent) over the previous year's expenditures.

8. On a component basis, department delivery in 1986 included \$65.3 million for project personnel, \$45.0 million for equipment, \$20.6 million for training, \$9.2 million for sub-contracted services and \$5.8 million for miscellaneous expenses. The component which showed the largest growth was equipment which rose by \$10.3 million. The proportion of total expenditures increased for equipment (up 3.6 per cent), sub-contracts and miscellaneous (both up 0.7 per cent); while that for personnel and training decreased 2.1 per cent and 2.9 per cent respectively.

Table 1. Project expenditures by organizational entities of the United Nations

(Thousands of US dollars)

	<u>Regular programme</u>	<u>UNDP</u>	<u>UNFPA</u>	<u>Trust funds</u>	<u>Total</u>
DTCO	7 809	103 104	13 250	21 778	145 941
Other United Nations	167 <sup>a/</sup>	-	-	22 503 <sup>b/</sup>	22 670
ECA	1 477	4 746	2 772	1 348	10 343
ECE	-	303	380	4	687
ECLAC	624	1 424	1 578	4 498	8 124
ESCWA	709	544	490	245	1 988
ESCAP	813	7 659	1 789	6 441	16 702
UNCHS	543	12 733	-	1 655 <sup>c/</sup>	14 931
UNCTAD	216	7 880	-	2 796	10 892
<b>TOTAL</b>	<u>12 358</u>	<u>138 393</u>	<u>20 259</u>	<u>61 268</u>	<u>232 278</u>

<sup>a/</sup> Comprises \$167,031 for Human Rights Division portion of section 24 of the United Nations regular budget administered in Geneva.

<sup>b/</sup> Comprises technical co-operation expenditure incurred against the following general trust funds: United Nations Fund for Drug Abuse Control, \$15,779,819; United Nations Nationhood Programme for Namibia, \$1,218,514; United Nations Fund for Namibia, \$743,728; Trust Fund for Interest on the Contribution to the United Nations Special Account, \$127,452 credit; African Emergency Trust Fund, \$4,273,638; and Trust Fund for United Nations Centre on Transnational Corporations Technical Co-operation Programme, \$614,668.

<sup>c/</sup> Excludes United Nations Habitat and Human Settlements Foundation (UNHHSF) activities which are reported in a separate document.

Table 2. United Nations regular programme of technical  
co-operation expenditures

(Thousands of US dollars)

A. Sectoral advisory services

Development strategies, policies and planning	1 652
General statistics	1 086
Public administration and finance	1 143
Natural resources	3 670
International trade	216
Population	-
Human settlements	543
Social development	258
Science and technology	-
Human rights	167
	<hr/>
Subtotal	8 735
	<hr/>

B. Regional and subregional advisory services

ECA	1 477
ECE	-
ECLAC	624
ESCWA	709
ESCAP	813
	<hr/>
Subtotal	3 623
	<hr/>
TOTAL	12 358
	<hr/> <hr/>

Table 3. Project expenditures by source of funds

(Thousands of US dollars)

	<u>DTCD</u>	<u>Other United Nations</u>	<u>ECA</u>	<u>ECE</u>	<u>ECLAC</u>	<u>ESCAP</u>	<u>ESCWA</u>	<u>UNCHS</u>	<u>UNCTAD</u>
<b>A. <u>United Nations regular programme of technical co-operation</u></b>									
1. Sectoral advisory services	7 809	167 a/	-	-	-	-	-	543	216
2. Regional and subregional advisory services	-	-	1 477	-	624	813	709	-	-
3. Industrial development	-	-	-	-	-	-	-	-	-
Total A	<u>7 809</u>	<u>167</u>	<u>1 477</u>	<u>-</u>	<u>624</u>	<u>813</u>	<u>709</u>	<u>543</u>	<u>216</u>
<b>B. <u>UNDP</u></b>									
1. Indicative planning figure	100 306	-	4 689	303	1 424	7 659	544	11 915	7 880
2. Special Prog. Resources	271	-	(13)	-	-	-	-	160	-
3. Special Measures Fund for the Least Developed Countries	718	-	70	-	-	-	-	644	-
4. Government cash counterpart contribution	1 809	-	-	-	-	-	-	14	-
5. Special industrial serv.	-	-	-	-	-	-	-	-	-
Total B	<u>103 104</u>	<u>-</u>	<u>4 746</u>	<u>303</u>	<u>1 424</u>	<u>7 659</u>	<u>544</u>	<u>12 733</u>	<u>7 880</u>
<b>C. <u>UNFPA</u></b>	<u>13 250</u>	<u>-</u>	<u>2 772</u>	<u>380</u>	<u>1 578</u>	<u>1 789</u>	<u>490</u>	<u>-</u>	<u>-</u>
<b>D. <u>Trust funds</u></b>									
1. United Nations Educational and Training Programme for South Africa	3 033	-	-	-	-	-	-	-	-
2. United Nations Fund for Namibia d/	45	-	-	-	-	-	-	-	-
3. United Nations in association with other exec. agencies	1 787	-	e/	e/	e/	e/	e/	e/	e/
4. Associate experts	3 695	-	-	-	-	-	-	542	-
5. Recipient Governments and Others	<u>13 218</u>	<u>22 503 b/</u>	<u>1 348</u>	<u>4</u>	<u>4 498</u>	<u>6 441</u>	<u>245</u>	<u>1 113</u>	<u>2 796</u>
Total D	<u>21 778</u>	<u>22 503</u>	<u>1 348</u>	<u>4</u>	<u>4 498</u>	<u>6 441</u>	<u>245</u>	<u>1 655 c/</u>	<u>2 796</u>
Grand Total	<u>145 941</u>	<u>22 670</u>	<u>10 343</u>	<u>687</u>	<u>8 124</u>	<u>16 702</u>	<u>1 988</u>	<u>14 931</u>	<u>10 892</u>

a/ b/ c/ See details in notes to table 1.

d/ Excludes UNDP-administered trust funds for the Nationhood Programme for the Fund for Namibia.

e/ Not available.

**Table 4. Contributions received for financing extrabudgetary technical co-operation activities**

(Thousands of US dollars)

	<u>DTCD</u>	<u>Other United Nations</u>	<u>ECA</u>	<u>ECE</u>	<u>ECLAC</u>	<u>ESCAP</u>	<u>ESCWA</u>	<u>UNCHS</u>	<u>UNCTAD</u>
<b>I. <u>Unilateral and bilateral services</u></b>									
<b>A. Countries</b>									
(i) General contributions	17 184	24 088	2 259	-	6 012	13 477	76	676	1,761
(ii) Unilateral "self-supporting" contrib.	2 159	-	-	-	-	-	-	-	-
<b>B. Non-governmental organizations</b>	6	-	-	-	-	-	-	-	-
<b>II. <u>Multilateral sources</u></b>									
<b>A. United Nations system</b>	143 572	-	8 898	780	3 498	11 014	1 348	15 045	9 966
<b>B. Non-United Nations system</b>	-	-	-	-	-	90	-	-	90
<b>III. <u>Various</u></b>	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<u>162 921</u>	<u>24 088</u>	<u>11 157</u>	<u>780</u>	<u>9 510</u>	<u>24 581</u>	<u>1 424</u>	<u>15 721</u>	<u>11 817</u>



Table 5. DTCD: Project expenditures by field of activity

(Thousands of US dollars)

	<u>Regular programme</u>	<u>UNDP</u>	<u>UNFPA</u>	<u>Trust funds</u>	<u>TOTAL</u>	<u>Percentage of total</u>
Development planning	1 652	20 274	-	4 424	26 350	18.1
Statistics	1 086	6 425	7 482	525	15 518	10.6
Public admin. and finance	1 143	12 822	-	903	14 868	10.2
Natural resources and energy	3 670	58 501	-	12 133	74 304	50.9
International trade	-	-	-	4	4	-
Population	-	105	5 768	555	6 428	4.4
Human settlements	-	-	-	-	-	-
Social development	258	3 887	-	171	4 316	3.0
Science and technology	-	-	-	(9)	(9)	-
Educational and training Programme for Southern Africa	-	-	-	3 080	3 080	2.1
Transnational corporations	-	898	-	(8)	890 a/	0.6
Human rights	-	-	-	-	-	-
Legal affairs	-	180	-	-	180	0.1
Ocean economics	-	12	-	-	12	-
<b>Total</b>	<u><u>7 809</u></u>	<u><u>103 104</u></u>	<u><u>13 250</u></u>	<u><u>21 778</u></u>	<u><u>145 941</u></u>	<u><u>100.0</u></u>

a/ Implemented by the United Nations Centre on Transnational Corporations.

Table 6. DTCD: Project expenditures by region

(Thousands of US dollars)

	<u>Regular Programme</u>	<u>UNDP</u>	<u>UNFPA</u>	<u>Trust funds</u>	<u>TOTAL</u>	<u>Per cent of total</u>
Africa	-	41 560	5 088	12 063	58 711	40.2
Americas	-	18 701	1 002	1 196	20 899	14.3
Arab States	11	14 345	2 063	1 802	18 221	12.5
Asia and the Pacific	-	26 898	3 163	5 858	35 919	24.6
Europe	106	1 165	445	22	1 738	1.2
Interregional	7 692	435	1 387	828	10 342	7.1
Global	-	-	102	9	111	0.1
<b>TOTAL</b>	<b>7 809</b>	<b>103 104</b>	<b>13 250</b>	<b>21 778</b>	<b>145 941</b>	<b>100.0</b>

Table 7. Number of international project personnel  
serving in the field during 1986 a/

	<u>DTCD</u>	<u>ECA</u>	<u>ECE</u>	<u>ECLAC</u>	<u>ESCAP</u>	<u>ESCWA</u>	<u>UNCHS</u>	<u>UNCTAD</u>
UNDP	1 449	35	109	171	27	2	147	203
Regular programme	102	11	-	14	10	10	10	3
Other	319	37	-	86	69	33	48	53
<b>Total</b>	<b>1 870</b>	<b>83</b>	<b>109</b>	<b>271</b>	<b>50</b>	<b>18</b>	<b>205</b>	<b>243</b>

a/ As reported to UNDP.

Table 8. Number of fellowships placed during 1986 a/

	<u>DICD</u>	<u>ECA</u>	<u>ECE</u>	<u>ECLAC</u>	<u>ESCAP</u>	<u>ESCWA</u>	<u>UNCHS</u>	<u>UNCTAD</u>
UNDP	1 819	-	-	26	104	-	61	10
Regular programme	235	-	-	-	46	-	-	-
Other	1 476	-	-	142	92	-	3	-
Total	<u>3 530</u>	<u>-</u>	<u>-</u>	<u>168</u>	<u>242</u>	<u>-</u>	<u>64</u>	<u>10</u>

a/ As reported to UNDP.

Table 9. DTCB: Number of international project personnel serving in the field during 1986, by nationality and by country or area of assignment

Country	By nationality a/			By country of assignment a/			Country	By nationality a/			By country of assignment a/		
	A	B	C	A	B	C		A	B	C	A	B	C
Afghanistan	1		2	12		1	Global						9
Algeria	4	1	1	6			Greece					11	
Angola				4		3	Guatemala	3				8	
Anguilla				2			Guinea					23	
Argentina	23	6	3	29			Guinea-Bissau					21	2
Aruba				2			Guyana	3	1			8	
Australia	9	3					Haiti	1		1		15	2
Austria	3						Honduras	1				35	3
Bahamas				8			Hungary	4					
Bahrain						1	Iceland	6	1				
Bangladesh	4	2	2	55		1	India	56	4	18		74	8
Barbados	3						Indonesia	2		3		4	
Belgium	46		10				Interregional					5	102 39
Belize	1		1	5			Iran, Islamic						
Benin				17		3	Rep. of	3		1		4	
Bermuda				1			Iraq	4		2		14	2
Bhutan				10		1	Ireland	8					
Bolivia	2			41		5	Israel	9	2	1			
Botswana				1		1	Italy	97		1			
Brazil	9		2	1			Jamaica	1				10	
British Virgin Islands				1			Japan	1		17			
Brunei Darussalam				1			Jordan	12	3			11	
Burkina Faso	1			48		4	Kenya	1		3		29	2
Burma	2		2	5			Kuwait					13	
Burundi				16		2	Lao People's Democratic Republic					25	1
Cameroon				10			Lebanon	1		1			
Canada	85	8	5			1	Lesotho					2	1
Cape Verde				10			Liberia	1				6	2
Caribbean				2			Libyan Arab Jamahiriya					9	
Central African Rep.				9			Luxembourg	1					
Chad				13			Madagascar					8	1
Chile	32	2	3	6			Malawi					29	2
China	1		3	16		16	Malaysia			4		5	2
Colombia	13		3	5			Mali	4		1		49	1
Comoros				8			Malta	1					
Congo						1	Mauritania					8	2
Cook Islands							Mauritius					1	
Costa Rica	1		2	4		1	Mexico	3		1		10	
Côte d'Ivoire				6		3	Mongolia						2
Cuba	2			1			Montserrat					1	
Cyprus	1						Morocco	3					9
Czechoslovakia	10						Mozambique					10	1
Dem. People's Rep. of Korea	6						Namibia						1
Democratic Yemen				5		1	Nepal	3		1		1	3
Denmark	4	1	1				Netherlands	83	2	7		1	
Djibouti				10		1	New Zealand	1	1				
Dominican Republic				5			Nicaragua	2				15	2
Ecuador	1			5		3	Niger					34	4
Egypt	36	2	3	14		2	Nigeria	1		4		3	2
El Salvador	2	1	1	20		1	Norway	12		6			
Equatorial Guinea				9		1	Oman	1				2	
Ethiopia	4	2	1	16		2	Pakistan	21	2	10		15	2
Fiji			2				Panama	1				9	3
Finland	6	1	1				Papua New Guinea					1	
France	168	11	13				Paraguay					14	1
Gabon				7			Peru	12	1	3		12	1
Gambia				13		1	Philippines	4	1	10		12	
German Dem. Rep.							Poland	7		1			
Germany, Federal Rep. of	28	2	3				Portugal	10	1				
Ghana	7	1	4	6		2	Qatar					2	

Table 9 (continued)

Country	By nationality a/			By country of assignment a/			Country	By nationality a/			By country of assignment a/		
	A	B	C	A	B	C		A	B	C	A	B	C
Reg. Africa				19			Thailand	1		7	14		
Reg. Americas				22		1	Togo	1		2	9		2
Reg. Arab Bur.				52			Tonga				2		
Reg. Mid. East						1	Trinidad & Tobago			1	6		
Regional Asia				1		108	Trust Ter. Pac.				9		
Republic of Korea	14			4		2	Tunisia	10		2	1		
Romania	4		1	2			Turkey	2	1	2	1		
Rwanda				12		4	Uganda				6		2
Saint Lucia				2		2	Undefined	18		5			
Saint Vincent and the Grenadines		1		6			Union of Soviet Socialist Republics	3	1	2			
Sao Tome and Principe				3			United Arab Emirates				26		1
Saudi Arabia				57			United Kingdom	82	9	25			
Senegal	3			19		1	United Republic of Tanzania				2	19	1
Seychelles						3	United States of America	147	16	39			
Sierra Leone				14		3	Uruguay	4	1	3			
Singapore			1	2			Vanuatu				2		
Solomon Islands				4			Venezuela	5			16		
Somalia				17		6	Viet Nam	5			17		1
Spain	12	1		3		2	Yemen				6		1
Sri Lanka	12		6	3			Yugoslavia	9	2	3			
St. Christ. and Nevis				2			Zaire				13		1
Stateless	3						Zambia			1	2		2
Sudan	13		3	6		3	Zimbabwe				16		2
Suriname			1				Grand total	1 268	96	277	1 449	102	319
Swaziland				3		3							
Sweden	6	2	2										
Switzerland	11		4										
Syrian Arab Republic	3		1			1							

a/ A = UNDP

B = Regular programme

C = Other



Table 10 (continued)

Country	By nationality <sup>a/</sup>			By country of study <sup>a/</sup>			Country	By nationality <sup>a/</sup>			By country of study <sup>a/</sup>			
	A	B	C	A	B	C		A	B	C	A	B	C	
Republic of Korea	11		1				Tonga			1				
Romania	46			3		4	Trinidad and Tobago	1	1				1	2
Rwanda	9	1		4			Tunisia	3		3		13		2
Saint Lucia		3					Turkey	123	1	3				
Saint Vincent and the Grenadines	2						Uganda		1	8				
Sao Tome and Principe			1				Undefined	11		9		6		26
Samoa		2					Union of Soviet Socialist Republics					11	134	75
Saudi Arabia	25			5			United Arab Emirates	3				2		
Senegal	63	2	4	81		2	United Kingdom	3	1	2		196	9	43
Seychelles	2		1			1	United Rep. of Tanzania	13	5	19		5		36
Sierra Leone	20	2	8			3	United States of America			5		409		405
Singapore	1			5			Uruguay					3		
Somalia	7	4	4			1	Venezuela	1				3		
South Africa			760			2	Viet Nam	25	18	7				
Spain				29			Yemen	21	6	5				
Sri Lanka	25		7	5			Yugoslavia	2	3	2		5		
Sudan	13	4	7	8			Zaire	37	2	3				
Swaziland	3	1		2	86		Zambia			11		1		23
Sweden				20		1	Zimbabwe	2	3	8		7		29
Switzerland				46		4	Grand total	1 819	235	1 476	2 063	241	1 514	
Syrian Arab Republic	3	3												
Ter. of Hong Kong				2										
Thailand	1	8	15	17		10								
Togo	3	1	3	1		2								

<sup>a/</sup> A = UNDP

B = Regular programme

C = Other

Table 11. DTCDC: Project reports processed at HeadquartersI. Project terminal reports (28)

ANGOLA:	Institutional Strengthening for Mineral Exploration, 37 pp.
DOMINICAN REPUBLIC:	Exploración Minera en Areas Selectas y Apoyo al Laboratorio, 36 pp.
ETHIOPIA:	Strengthening of the Institute of Geological Survey, Phase IV, 63 pp.
GAMBIA:	Preliminary Investigation of Ground-Water and Experimentation of Pumping Systems, 105 pp.
HAITI:	Evaluation des gites metallifères du Nord, 120 pp.
INDIA:	Coastal Engineering Research Centre and Development of Hydraulic Instrumentation; and Extension of Hydraulic Instrumentation Centre, 55 pp. Applied Earth Sciences Divisions, 52 pp. Extension of the Coastal Engineering Research Centre at the Central Water and Power Research Station, 104 pp. Operational Improvements for Indian Railways, 20 pp. Extension of the Coastal Engineering Research Centre at the Central Water and Power Research Station, 104 pp. Operational Improvements for Indian Railways, 20 pp. Underground Copper Mining, 35 pp. Artificial Recharge Studies, Mehsan Area and Coastal Saurashtra, Gujarat, 40 pp.
INDONESIA:	Beneficiation of Minerals, Indian Bureau of Mines, Nagpur, 27 pp. Formulation of an Economic and Socio-Cultural Development Strategy for the City of Jakarta, Long and Medium Term, 26 pp.
JORDAN:	Strengthening Development Planning Capacities, 43 pp.
LESOTHO:	Technical Support for the Department of Mines and Geology, 67 pp.
MADAGASCAR:	Assistance à l'institut national de géodesie et cartographie, 22 pp.
MALAWI:	Borehole Maintenance, 20 pp.
MOZAMBIQUE:	Strengthening the Ministry of Mineral Resources, 96 pp.
NICARAGUA:	Fortalecimiento del Sistema Nacional de Planificación, 118 pp.
PAKISTAN:	Technical Assistance for Organization and Methods Division, 54 pp.
QATAR:	Assistance in Ground-Water Development and Conservation, 65 pp.
EGYPT-SUDAN:	Mineral Exploration of the Egypt-Sudan Area of Integration, 38 pp.



Table 11 (continued)

<b>RWANDA:</b>	Recherches minières, 51 pp.
<b>SURINAME:</b>	Assistance in Gold Mining, 26 pp.
<b>TURKEY:</b>	Training of and Support for Personnel of State Hydraulic Works Department (DSI), 32 pp. Strengthening DSI Research and Development Capabilities, 18 pp.
<b>ZAMBIA:</b>	Assistance to the Department of Census and Statistics, 24 pp.
<b>ZIMBABWE:</b>	Assistance in Foreign Affairs Training, 140 pp.

## II. Technical reports (6)

<b>CHILE:</b>	Analisis, Evaluación de Inversiones y Capacitación a Nivel Regional, 3 Vols.
<b>COMOROS:</b>	Water Exploration and Development Perspectives of Groundwater Development for Community Water Supply on the Island of Nagazidja, 64 pp.
<b>EGYPT-SUDAN:</b>	Mineral Exploration of the Egypt-Sudan Area of Integration: Geology and Mineral Potential: Preparatory Assistance, 271 pp.
<b>OMAN:</b>	National Community Development Training and Field Activities, 1983-1984, 34 pp.
<b>ST. VINCENT AND THE GRENADINES:</b>	St. Vincent and the Grenadines Development Plan 1986-1988, 285 pp.
<b>TCD/WATER/1</b>	Application of Computer Technology for Water Resources and Development and Management in Developing Countries, 102 pp.

## III. Seminar reports (8)

<b>INTERREGIONAL:</b>	Reproduction of Proceedings: UN Workshop on Microcomputer Software Applications for Energy Planning in Developing Countries, 298 pp. Community-Based Approach to Rural Development, 47 pp. The Role of the Public Sector in the Mobilization of Domestic Financial Resources for Promoting Social and Economic Development in Developing Countries, 168 pp. Interregional Workshop and Statistical Development in the Least Developed, Land-locked and Island Developing Countries Use of Information Technologies in Public Administration: A Guide for Executive Development, 201 pp. Management Development of Senior Administrators, 50 pp. Perfectionnement des cadres supérieurs d'administration, 50 pp. Desarrollo de la Gestión de los Administradores de Categoría Superior, 48 pp.
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Table 11 (continued)

IV. Contractors' reports (11)

BANGLADESH:	Establishment of a Technical Assistance Co-ordination Cell in the External Resources Division, 3 Vols.
CHINA:	Exploration, Development and Utilization of Geothermal Resources in Tianjin, 2 Vols.
GUINEA-BISSAU:	Etude de l'Aménagement due Rio Corubal, 16 Vols.
HONDURAS:	Feasibility Studies for Development Areas within the Aguan River Basin, 10 Vols.
INDIA:	Beneficiation of Minerals, Indian Bureau of Mines, Nagpur, 6 Vols. Feasibility Studies of Mineral Prospects, 2 Vols.
KENYA:	Lake Basin River Catchment Development River Profile Studies, 5 Vols.
MAURITIUS:	Wind Power Evaluation Training and Demonstration Programme, 1 Vol.
MOZAMBIQUE:	Assistance in Petroleum Exploration, 2 Vols.
NICARAGUA:	Manejo del Sistema de Aguas Torreciales para la Cuenca Tributaria sur del lago de Managua, 4 Vols.
SOMALIA:	Strengthening of the Geological Survey, Phase II, 1 Vol.

Table 12. DTCDC: Publications issued in 1986

Water Resources Legislation and Administration in Selected Caribbean Countries, ST/TCD/1, Sales No. 86.II.H.2, E

Energy Sources for Electricity Supply in Developing Countries, ST/TCD/2, Sales No. 86.II.H.12, E, F, S

Use of Demographic Data for Demographic Research, ST/TCD/SER.E/3, Sales No. 86.II.H.1., E, S, A

International Rivers and Lakes Newsletter, two issues

Development Administration Newsletter, two issues

Natural Resources Forum, Vol. 10, Nos. 1-4

Table 13. Investments related to UNDP/DTCD projects by sector and year, 1977-1986 a/

(Thousands of US dollars)

<u>Sector</u>	<u>1977</u>	<u>1978</u>	<u>1979</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>TOTAL</u>
Water	132 600	20 300	141 980	80 540	600	98 401	40 453	65 832	1 988 845	92 166	2 661 171
Mining	179 870	1 580	8 300	31 510	-	32 854	54 117	830 497	269 200	846 530	2 254 458
Energy	42 470	140 940	19 660	105 900	10 160	84 887	518 166	252 596	276 831	151 043	1 602 653
Transport	200 950	117 860	960	21 310	5 750	-	80 120	-	-	374 100	801 050
Water transport	-	1 000	155 600	-	23 700	-	-	-	-	-	108 300
Housing, physical planning	12 150	131 860	176 690	54 820	-	-	-	-	-	-	375 520
Development planning/ cartography	1 340	-	-	10 080	5 020	-	54 478	524 168	282 273	38 421	915 780
Public administration	-	-	-	2 940	-	-	-	-	-	2 000	4 940
Rural development	-	-	7 000	-	-	2 000	896	-	-	50 000	59 896
Tourism	18 500	-	-	-	-	-	-	-	-	-	18 500
<b>Total</b>	<b>587 880</b>	<b>413 540</b>	<b>510 190</b>	<b>307 100</b>	<b>45 230</b>	<b>218 142</b>	<b>748 230</b>	<b>1 673 093</b>	<b>2 817 149</b>	<b>1 554 260</b>	<b>8 870 814</b>

a/ Information provided by UNDP Division of Information Management Services.

Table 14. DTCB: Cost of equipment ordered by country of procurement

(US dollars)

<u>Country</u>	<u>Cost of equipment ordered</u>	<u>Country</u>	<u>Cost of equipment ordered</u>
Afghanistan	15 960	Gambia	41 394
Angola	16 370	German Democratic Republic	477
Argentina	543 538	Germany, Federal Republic of	1 845 050
Australia	189 866	Ghana	2 592
Austria	298 565	Grenada	2 000
Bangladesh	131 006	Guatemala	46 335
Barbados	8 213	Guinea	167 514
Belgium	92 352	Guinea-Bissau	84 830
Benin	42 233	Haiti	59 304
Bhutan	8 100	Honduras	77 124
Bolivia	199 473	India	48 983
Botswana	14 096	Indonesia	19 644
Burkina Faso	641 480	Iraq	4 450
Burma	4 000	Ireland	103 354
Burundi	69 841	Italy	3 781 214
Cameroon	384 019	Jamaica	1 000
Canada	583 776	Japan	1 944 264
Central African Republic	54 889	Jordan	322 161
Chad	191 028	Kenya	34 764
Chile	80 165	Lao People's Democratic Republic	184 462
China	2 500	Lesotho	34 579
Colombia	48 435	Liberia	120 756
Comoros	33 994	Libya	9 687
Congo	3 326	Madagascar	24 810
Costa Rica	10 798	Malawi	204 076
Côte d'Ivoire	18 493	Malaysia	9 599
Cuba	800	Maldives	1 595
Denmark	364 573	Mali	572 405
Djibouti	2 000	Mauritius	1 000
Dominican Republic	4 728	Mauritania	29 263
Egypt	359 967	Mexico	92 891
El Salvador	9 355	Morocco	49 459
Equatorial Guinea	11 767	Mozambique	95 538
Ethiopia	3 000		
Finland	50 174		
France	1 893 915		

Table 14 (continued)

<u>Country</u>	<u>Cost of equipment ordered</u>	<u>Country</u>	<u>Cost of equipment ordered</u>
Nepal	17 489	Saint Vincent and the Grenadines	16 173
Netherlands	1 440 727	Sudan	18 195
New Zealand	6 466	Swaziland	23 777
Nicaragua	112 900	Sweden	2 120 368
Niger	281 015	Switzerland	627 954
Norway	2 814 538		
Pakistan	17 948	Ter. of Hong Kong	549 282
Panama	27 915	Thailand	58 295
Papua New Guinea	8 300	Togo	100 200
Paraguay	88 879	Trinidad and Tobago	22 139
Peru	76 918	Trust Ter. Pac.	8 000
Philippines	27 550	Turkey	75 197
Poland	8 000		
Portugal	16 582	Union of Soviet Socialist Republics	116 000
Puerto Rico	1 488	United Kingdom	3 531 038
Regional Americas	17 783	United Rep. of Tanzania	11 200
Regional Africa	9 320	United States of America	11 555 865
Regional Arab Bur.	10 000	Uruguay	1 755
Regional Asia	235 638		
Regional Middle East	13 076	Venezuela	66 119
Romania	107 255	Viet Nam	25 810
Rwanda	18 927		
Samoa	14 019	Yemen	9 293
Saudi Arabia	24 027		
Senegal	89 846	Zaire	507 001
Sierra Leone	48 829	Zambia	2 461
Solomon Islands	34 072		
Singapore	62 504	Zimbabwe	62 571
Somalia	74 471		
Spain	30 523		
Saint Christopher and Nevis	13 150	GRAND TOTAL	41 662 217

Table 15: DTCO: Cost of sub-contracts by country of sub-contractor

(US dollars)

<u>Country of sub-contractor</u>	<u>Total per country</u>
<u>UNDP funds</u>	
Argentina	3 750
Bangladesh	873 354
Belgium	105 605
Bermuda	122 500
Bolivia	360 495
Brazil	170 000
Burkina Faso	238 800
Canada	1 500 284
Cape Verde	15 200
France	189 473
Germany, Federal Republic of	100 720
Guinea	34 693
Haiti	65 080
Indonesia	7 100
Japan	9 375
Jordan	15 200
Kenya	28 900
Korea	1 560 327
Lao People's Democratic Republic	31 076
Liberia	24 100
Madagascar	161 268
Nepal	3 318
Thailand	114 000
United Kingdom	26 682
United Republic of Tanzania	50 000
United States of America	629 504
Zaire	19 643
<u>UNFPA funds</u>	
France	34 848
Jordan	5 000
Liberia	54 500
Trinidad and Tobago	90 000
United States of America	783 532
<u>Trust funds</u>	
Canada	47 542
Ireland	24 100
Japan	18 580
<b>Total</b>	<b><u><u>7 518 549</u></u></b>

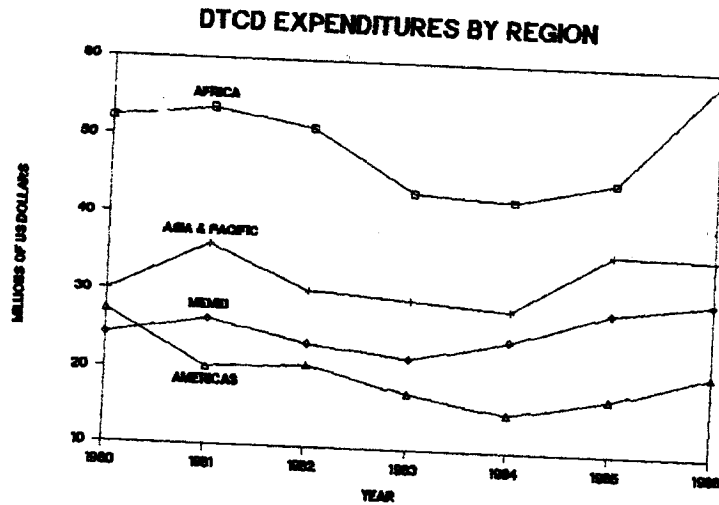
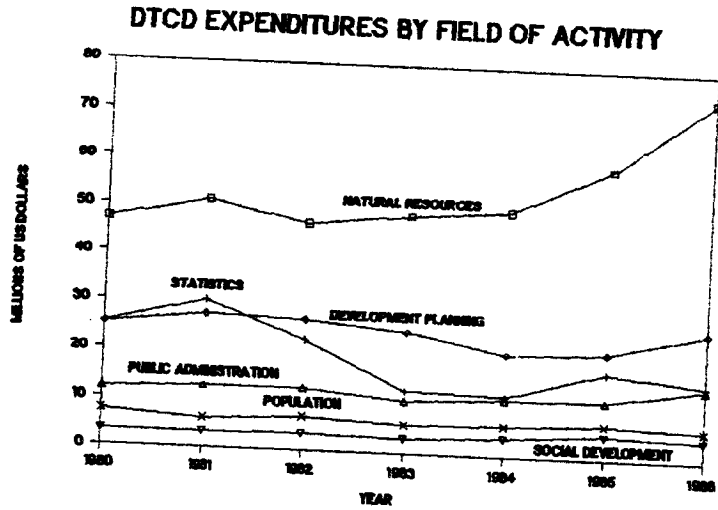
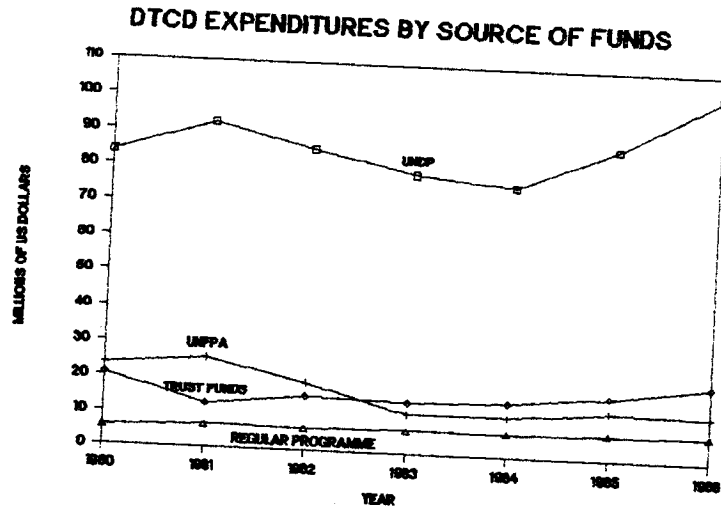
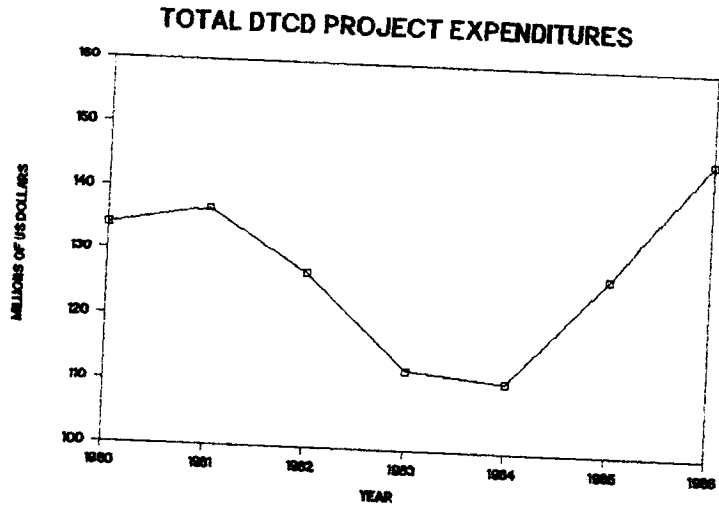


Figure 1. DTCD Project delivery 1980-1986

Figure 2. DTCO use of developing country resources, by project component

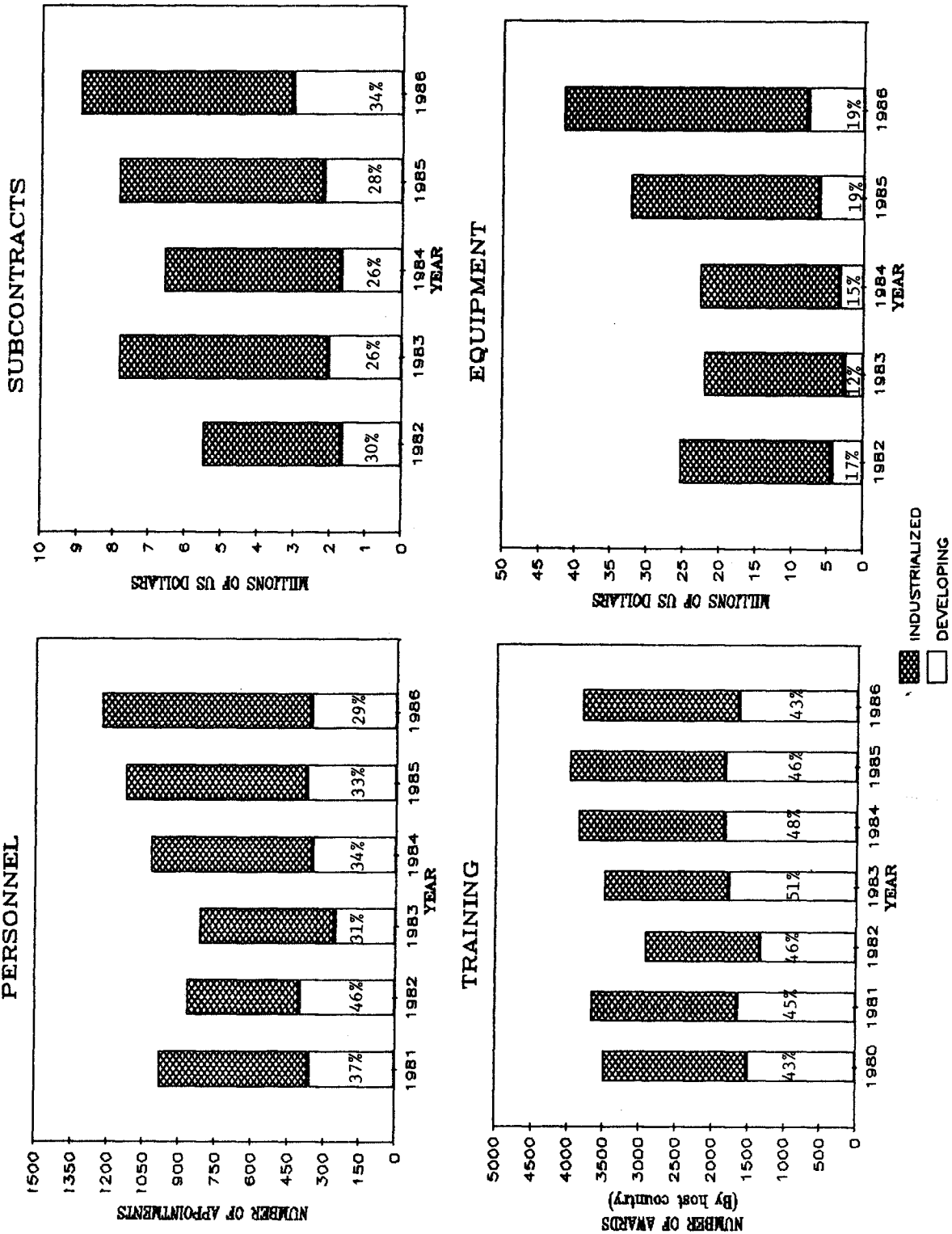




Fig. 3. DTCD: Use of national professionals as project personnel

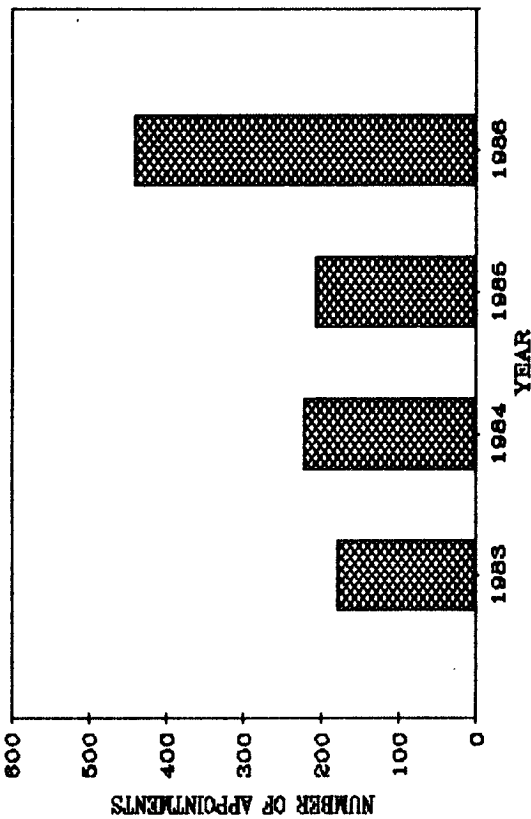


Fig 4. DTCD: Use of national professionals as project personnel: expenditures

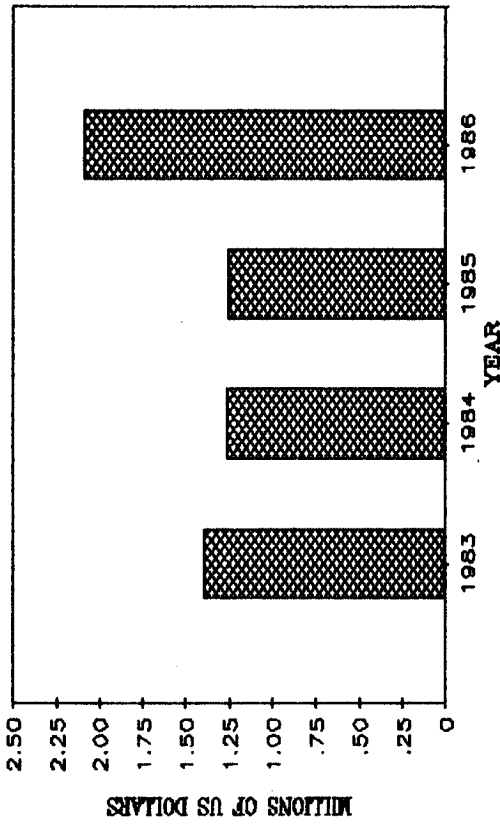


Fig 5. DTCD: Use of consultants in relation to total project personnel

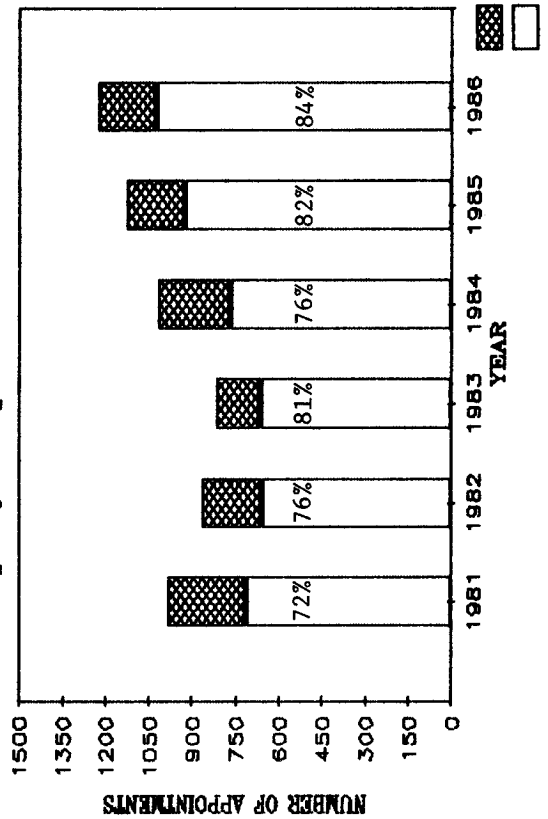


Fig 6. DTCD: Personnel component in relation to total project expenditures

