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8 February 1954

EXPANDED PROGRAMME OF TECHNICAL ASSISTANCE

FOR ECONOMIC DEVELOPMENT

ASSISTANCE TO COUNTRIES AND TERRITORIES IN THE LATIN

AMERICAN REGION DURING 1953

This paper has been prepared by the Secretariat of the Technical Assistance Board, and is distributed for discussion under point 6.a) of the Provisional Agenda.

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EXPANDED PROGRAMME OF TECHNICAL ASSISTANCE
FOR ECONOMIC DEVELOPMENT

Assistance to Countries and Territories in the Latin American Region
During 1953

Information Paper Prepared by the Secretariat of
the Technical Assistance Board

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INTRODUCTION TO REPORT ON PROGRAMME IN LATIN AMERICA 1953OUTLINE OF THE PROGRAMME

The Expanded Programme of Technical Assistance in Latin America during 1953 will probably reach a level not greatly above that of 1952. Total obligations incurred during 1952 amounted to \$4,910,000 while the approved programme for 1953 amounts to \$5,114,327 as at December 1st. This is about 4% above 1952 obligations but the margin will probably be reduced when actual 1953 obligations are available and the effect of the decision of the Technical Assistance Board in August to reduce total 1953 obligations by \$1,800,000 from \$25,300,000 is revealed. Financial details by country are shown in Table I.

This expenditure is devoted mainly to experts and fellowships - predominately for experts; equipment provided under the Expanded Programme is relatively small. During 1953, 546 experts have been approved for assignment to Latin America as compared with 461 provided during 1952. It is not possible at the moment to give precise figures on the number of fellowships to be awarded during 1953 but it will probably exceed the 1952 total by a somewhat smaller margin than that for experts. In any case, it will be noted that the number of experts and fellowships approved for 1953 exceeds the 1952 figure by much more than the total planned 1953^{financial} obligations exceed 1952 obligations. This may be accounted for by several factors including the length of assignments of experts and the duration of fellowships.

Taking into account modifications up to December, the share of the total approved programme devoted to Latin America is slightly below that of 1952 - 25.7% as compared with 26.1%.

A feature of the Programme in Latin America is the relatively high proportion of regional projects. For 1953, 22% of the approved programme is for regional projects as compared with 10% in Asia and the Far East, 11% in the Middle East, 6% in Africa and 9% in Europe. In other words, the proportion devoted to regional projects in the Latin American Programme is at least twice as great as in any other region. The relatively large number of separate countries in the region, many with features in common and grouped geographically, no doubt account to a large extent for the high proportion of regional projects. The Central American

Integration Programme is an example of a regional approach to economic development in several fields at once instead of to a single project in one field. At present, four Specialized Agencies are cooperating in this programme.

FIELD OF ACTIVITY

The following table shows the 1953 Programme in Latin America classified by field of activity. For comparison, the distribution of the total Programme over the same fields is also included. The classification is drawn up irrespective of Agency division and in some fields, such as for example, "Statistics", or "Fundamental Education and Community Development" projects of several Agencies are included.

There are some marked differences between the way in which emphasis is placed in the Programme in Latin America and in the Programme as a whole. Generally speaking, the Latin American Programme places special emphasis on planning, administration and statistics, on technical and vocational training and on social security and welfare. Economic Planning, Public Administration and Statistics together make up 15.1% of the Latin American Programme as compared with 7.6% for the whole Programme, while Technical Education and Training, Vocational Training, and Labour Legislation, Social Security, etc. are all appreciably higher than the average. The relatively prominent position of forestry in Latin America is probably natural enough in view of the large untapped forest resources of the region.

Conversely there are some important fields in which the Latin American Programme is relatively lightly represented. This is particularly so in the industrial field where the Latin American Programme is barely half the average and in the major agricultural fields of crop production, crop protection, land and water use, livestock production and animal disease control, which together make up 8.9%, as compared with 14.3% for the whole Programme. There is little difference in public health as a whole.

<u>Field of Activity</u>	<u>Percentage of Latin American Programme</u>	<u>Percentag of Total Programme</u>
1. Economic Surveys, Surveys of Natural Resources, Meteorology	2.3	2.7
2. Economic Planning and Policy	4.2	1.9
3. Public Administration	5.4	2.4
4. Statistics	5.5	3.3
5. Power Production and Distribution	1.3	1.1
6. Transport and Communications (land and sea)	2.6	2.6
7. Civil Aviation	2.4	4.8
8. Industry -- Manufacturing, Processing, Mining	3.2	5.9
9. Cottage Industries and Handicrafts	1.1	1.0
10. Housing, Building	1.0	0.5
11. Land and Water Use	3.6	5.1
12. Production of Food and Industrial Crops	0.8	2.7
13. Crop Protection (Plant Disease and Pest Control, Crop Storage, etc.)	0.2	1.5
14. Livestock and Livestock Products	2.8	2.2
15. Animal Disease Control	1.5	2.8
16. Farm Machinery and Tools	-	1.2
17. Fisheries	1.7	2.0
18. Forestry	6.4	3.7
19. Agricultural Economics	1.3	1.5
20. Other Agriculture	0.8	2.0
21. Public Health Administration	1.2	1.3
22. Malaria and Insect Control	4.4	3.3
23. Tuberculosis	1.6	4.1
24. Venereal Disease, Yaws	1.3	2.1
25. Other Communicable Diseases	0.3	1.0
26. Maternal and Child Health	1.4	2.7
27. Nursing	0.9	1.6
28. Health Demonstration Areas, Environmental Sanitation, Health Education	2.8	1.6
29. Other Public Health	3.5	1.3
30. Nutrition and Home Economics	2.1	1.5
31. Agricultural Extension	0.6	0.9
32. Fundamental Education, Community Development	6.3	6.2
33. Teacher Training, Primary-Secondary Education	3.1	2.4
34. Technical Education and Training, Vocational Training	10.8	7.2
35. Assistance to Advanced Educational, Research and Training Institutions	4.2	5.8
36. Other Education	1.6	1.6
37. Labour Legislation, Industrial Relations, Social Welfare, Social Security	5.6	2.6
38. Co-operatives	-	1.4
39. Town and Country Planning	0.2	0.5
	<u>100.0</u>	<u>100.0</u>

To sum up in one broad sweep, the elements of planning and administration (including statistics) and education and social security, etc. make up about 47% of the Latin American Programme as compared with 33% for the whole Programme. If this comparison were made simply with the other regions and not the whole Programme, these characteristics of the Latin American Programme would, of course, be much more marked.

COUNTRY PROGRAMMING

During 1953 the Board has paid close attention to the question of programming at the country level with a view to the development of integrated country programmes as required by Economic and Social Council Resolution No. 492 (XVI). It is realized that the value of technical assistance projects depends very greatly on the way in which they fit in with broader development plans and programmes in particular countries. The point at which questions of integration are best decided is obviously in the country itself. The system is gradually evolving around the Resident Representative, who serves as a focal point for the Programme as a whole, and the governmental coordinating committee for technical assistance which establishes the Government priorities and draws up a complete programme in consultation with the Resident Representative and the representative of the Specialized Agencies in the country.

Resident Representatives have so far been appointed to cover Bolivia, Brazil, Colombia, Costa Rica, Ecuador, El Salvador, Guatemala, Haiti, Honduras and Nicaragua. A Special Representative covers Argentina, Paraguay and Uruguay. Most countries have established some kind of coordinating machinery and in several cases very effective committees or Planning Boards are in operation.

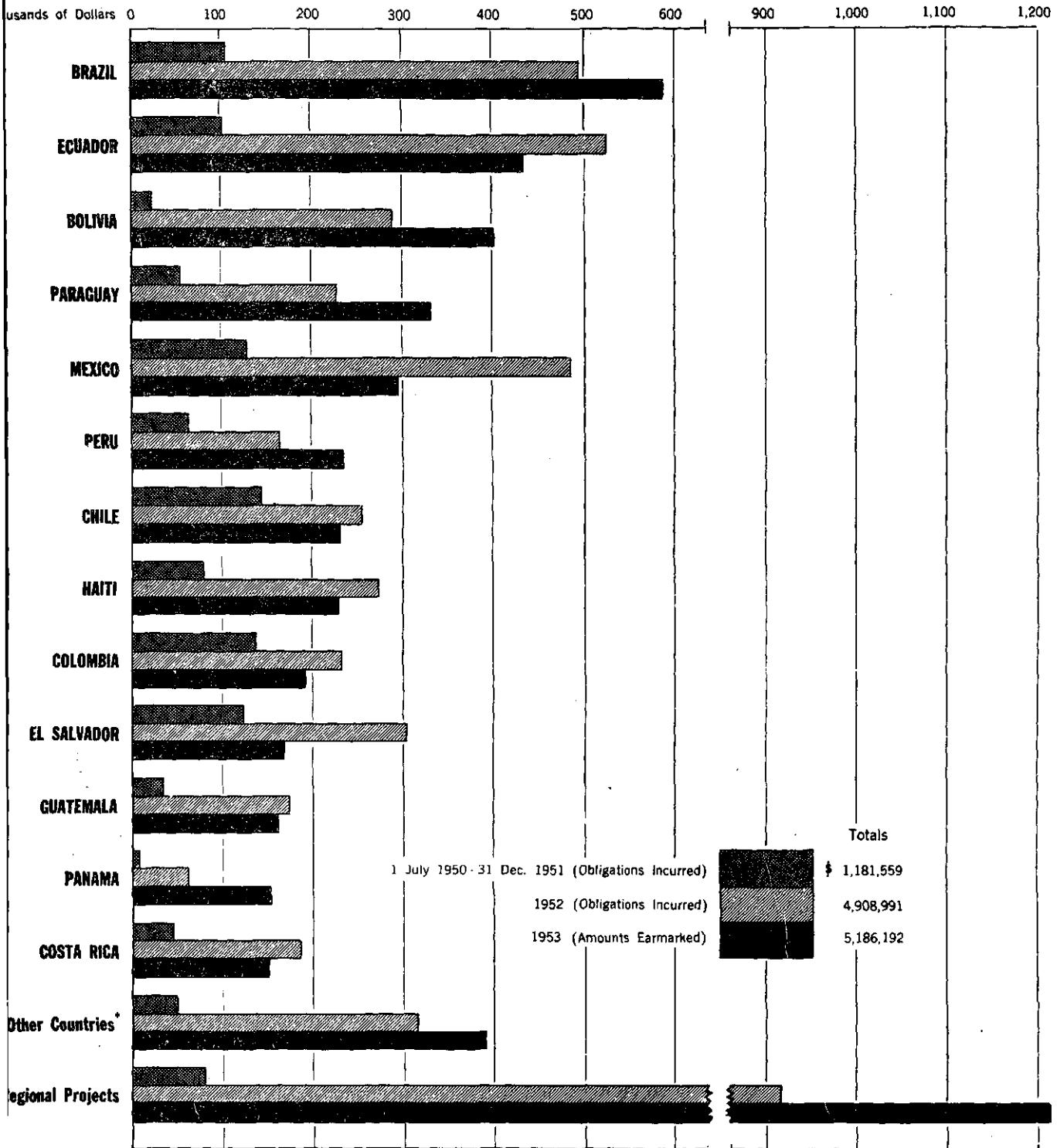
THE PROGRAMME IN DETAIL

The following section lists each project in the 1953 approved Programme. Under each project there is a short description of the work being carried out and an indication of the length of time it has been in operation and whether it is planned to continue it into 1954. The function of each expert is given with his nationality. The latter information is included to give an indication of the wide international character of the Programme.

LATIN AMERICA

Chart 1

Amounts Obligated or Earmarked for Country and Regional Projects
under the Expanded Programme of Technical Assistance
(In U.S. Dollar Equivalents)



* Countries or territories (see Table I) with earmarkings less than \$100,000 for 1953 are grouped together.

LATIN AMERICAAMOUNTS OBLIGATED OR EARMARKED FOR COUNTRY AND REGIONAL PROJECTS
UNDER THE EXPANDED PROGRAMME OF TECHNICAL ASSISTANCE

(in US dollar equivalents)

<u>Country</u>	<u>First Financial Period</u> (1.7.50 - 31.12.51) (Obligations incurred)	<u>Second Financial</u> <u>Period</u> 1952 (Obligations incurred)	<u>Third Financial</u> <u>Period</u> 1953 (Amounts Earmarked ^{1/})
Bolivia	24,977	290,077	401,188
Brazil	106,550	495,262	587,389
British Guiana	-	11,907	34,300
British Honduras	-	-	7,500
Chile	143,488	255,385	231,842
Colombia	138,633	232,712	192,518
Costa Rica	44,821	186,752	151,180
Cuba	4,632	24,306	5,500
Dominican Republic	-	88,984	52,350
Ecuador	102,938	526,490	434,280
El Salvador	123,041	304,099	169,425
Guatemala	35,247	174,526	161,700
Haiti	80,638	272,278	229,836
Honduras	38,011	57,407	65,777
Jamaica	2,193	52,148	71,337
Leeward Islands (U.K.)	-	2,257	-
Mexico	129,604	487,900	294,955
Nicaragua	933	34,700	57,050
Panama	4,611	62,030	152,916
Paraguay	55,147	228,961	331,767
Peru	62,688	165,843	235,840
Puerto Rico	-	4,514	-
St. Lucia Island	890	228	-
Surinam	-	3,136	-
Trinidad	-	4,767	-
Uruguay	-	22,971	72,700
Venezuela	3,314	4,047	27,600
Virgin Islands (US)	-	4,514	-
Regional Projects	79,203	910,790	1,217,242
Totals	1,181,559	4,908,991	5,186,192

^{1/} Amounts earmarked for projects approved by the Board for implementation during 1953. The amounts shown here may not, in all cases, agree with those given in the Fifth Report of the TAB to TAC (E/2433). Since that report was prepared, the Board has agreed to some adjustments resulting from the substitution of some urgent projects requested by governments for others which have had to be postponed or withdrawn. The 1953 earmarkings, as adjusted, for each project are shown on page 10 to 86.

TABLE II
LATIN AMERICA

DISTRIBUTION BY COUNTRY OF ASSIGNMENT AND AGENCY OF EXPERTS PROVIDED
AND APPROVED UNDER THE EXPANDED PROGRAMME 1/

Country	Provided during 1952					Approved for 1953								
	UNTA	ILO	FAO	UNESCO	ICAO	WHO	TOTAL	UNTA	ILO	FAO	UNESCO	ICAO	WHO	TOTAL
Bolivia	17	-	-	3	-	-	20	31	1	-	3	-	-	35
Brazil	1	11	11	12	-	1	36	12	17	20	11	-	-	60
British Guiana	-	-	1	-	-	-	1	1	-	5	-	-	-	6
British Honduras	-	-	-	-	-	-	-	-	-	1	-	-	-	1
Chile	1	-	32	-	-	-	33	1	-	16	-	-	-	17
Colombia	9	1	7	1	-	9	27	9	1	4	-	-	9	23
Costa Rica	-	-	3	7	-	4	14	1	-	2	5	-	6	14
Cuba	5	-	-	-	-	-	5	1	-	-	-	-	-	1
Dominican Republic	1	-	-	-	-	2	3	2	3	1	-	-	2	8
Ecuador	15	2	15	10	-	9	51	25	5	5	7	-	9	51
El Salvador	15	3	5	3	1	7	34	5	2	2	2	2	6	19
Guatemala	4	5	11	7	-	5	32	1	7	2	7	-	-	17
Haiti	10	4	7	5	-	1	27	8	6	8	5	-	-	27
Honduras	-	-	7	-	-	2	9	1	-	7	-	-	1	9
Jamaica	3	-	5	-	-	1	9	7	-	7	-	-	1	15
Mexico	3	-	15	14	2	3	37	-	-	10	6	6	3	25
Nicaragua	-	-	2	-	-	2	4	5	-	3	-	-	-	8
Panama	2	1	5	1	-	3	12	3	-	3	1	-	5	12
Paraguay	5	2	3	-	-	12	22	8	2	3	-	-	18	31
Peru	5	2	3	4	-	10	24	6	1	1	4	-	12	24
Surinam	-	-	1	-	-	-	1	-	-	-	-	-	-	-
Trinidad	-	-	1	-	-	-	1	-	-	-	-	-	-	-
Uruguay	-	-	-	-	-	-	-	-	-	3	2	-	-	5
Venezuela	-	-	-	-	-	-	-	1	1	-	2	-	1	5
Regional Projects	40	17	-	-	2	-	59	98	26	35	11	1	22	133
TOTALS	136	48	134	67	5	71	461	166	72	138	66	9	95	546

1/ In the case of UNTAA, the 1952 figures include experts provided under that Organization's Regular Programme. They also include Resident Representatives and their international staffs who were serviced by UNTAA until September 1952.

LATIN AMERICA

FELLOWSHIPS GRANTED UNDER THE EXPANDED PROGRAMME OF TECHNICAL ASSISTANCE
BY NATIONALITY OF FELLOW AND GRANTING AGENCY

Country of Nationality	1950-1951				1952				1953					
	UN	ILO	FAO	UNESCO	ICAO	WHO	TOT	UN	ILO	FAO	UNESCO	ICAO	WHO	TOT
Argentina	1						1	6						6
Barbados	1	4					5	4	10				6	27
Bolivia	19		10			29		41	25				1	86
Brazil	6	2				8		2						2
British Guiana	2	2				7		9	4					20
Chile	1					8		19	8				5	37
Colombia	5					6		1	11				5	26
Costa Rica	3					3								4
Cuba	26	2				33		58	30	11			5	127
Dominican Republic	2	1				3		5	8	2			3	22
Ecuador	2	1				3		2	10	9			1	30
El Salvador	10					27		25	22	7			2	60
Guatemala						1			6				1	7
Haiti						1							2	3
Honduras						1							1	3
Jamaica						1		1					2	3
Leeward Islands						7		8					4	12
Mexico	6					7		1	6	3			7	28
Neth. West Indies													3	3
Nicaragua								1	5				1	7
Panama								2	6				3	11
Paraguay		3				5		5	9				1	15
Peru		6				17		2	7				2	9
Puerto Rico														2
Surinam	2					2								2
Trinidad	1					1		1						2
Uruguay	3					4		10	4					14
Venezuela	4	3				7		2	5				1	6
Virgin Islands (US)													7	7
Windward Islands														2
Regional Projects														7
TOTALS	94	23	9	37	1	12	176	198	186	48	76	2	54	564

1/ Approved Programme for 1953. UNTAA fellowships are not shown as the Board approved for UNTAA a lump sum of \$500,000 for fellowships for all countries, the number of awards for each country to be determined subsequently by UNTAA.
 2/ Includes fellowships under the Regular Programme. 3/ Includes seminar study grants.
 4/ For the first and second financial periods, the fellowships awarded in connection with the regional projects are included in the individual country totals.

Status of Projects under the Expanded Programme of Technical Assistance for Economic

Development in the Countries or Territories of the Latin American Region as of 30 November, 1953.

The attached statement describes briefly the progress of the projects for the period from 1 January to 30 November, 1953. It covers those projects which the Technical Assistance Board has approved for implementation during 1953 and for which funds have been earmarked (see paragraphs 2392-2854 of the Fifth Report of the Technical Assistance Board to the Technical Assistance Committee of the Economic and Social Council, document E/2433). However, it should be noted that since the Fifth Report was prepared, the Board has approved some adjustments resulting from the substitution of some urgent projects requested by governments for others which had to be postponed or withdrawn. These adjustments are incorporated in this paper so as to bring the information up to the end of November, 1953.

Status of Project: under this column the time the project has been in operation is indicated, starting with the year of initiation (1950, abbreviated as 50, 1951 as 51, etc). When the symbol is ended with "/54", it indicates that the project is expected to continue into 1954 subject to the availability of funds.

Experts on Assignment: under this column, the functions and the nationalities of the experts on assignment from 1 January to 30 November, 1953 are indicated.

Fellowships Awarded: under this column, the number of fellowships awarded is not indicated in respect of UNTAA (see UNTAA Report to ECLA). In the case of other organizations, the figures given here are the cumulative totals of fellowships awarded for the project as of 30 November, 1953.

1953 Earmarkings: Funds earmarked for the direct project costs for 1953.

1953 Conditional Programme: Projects which the Board approved for implementation during 1953 but for which it did not earmark funds. A few projects of this category, as described herein, were implemented by the Participating Organizations concerned when they found the necessary fund from Savings.

1. Economic Development1953 Earmarkings \$115,558: Six experts and equipment

During 1953, UNTAA personnel are continuing to assist the Government in implementing the recommendations of the 1950 Comprehensive Mission sent to Bolivia by the UN and the Specialized Agencies. The Special Representative of the Secretary-General was appointed in February 1952. His duties include advice to the Secretary-General on the selection of candidates for technical consultant and expert posts, liaison between the Secretary-General and the Government on the development of the UN technical assistance programme in Bolivia in general, and advice to the National Coordination and Planning Board on development programmes. He also acts as resident representative of the Technical Assistance Board. Under the revised agreement in May 1953, the UN will set aside \$150,000 over a period of five years for providing the Government with technical equipment or supplies having particular importance for the technical assistance programme. Approximately \$30,000 for equipment will have been spent at 31 December 1953.

2. Public Administration1953 Earmarkings \$89,650: Seven experts

Technical consultants are serving in the various Government ministries, and advising on the drafting of plans and programmes. During 1953, they have assisted, among other things, in the (1) adoption of a new foreign exchange policy; (2) revision of salary and wage systems; (3) introduction of new administrative measures by the Comptroller General; (4) adoption of new methods in budget and tax administration by the Ministry of Finance; (5) study of the Social Security System with recommendation for its improvement including the introduction of new actuarial estimates; and (6) study of problems arising from the nationalization of the mining industry and from the agrarian reform.

3. Agricultural Meteorology (in cooperation with WMO)1953 Earmarkings \$5,020: One expert

The provision of an agricultural climatologist, to advise on the influence of climate on agricultural production and the development of a network of meteorological observation stations, has been postponed until 1954.

In
Operation
(52/53/54)

Special Representative (USA)
Administrative Officer (Cuba)
Secretary (USA)
Secretary (USA)

In
Operation
(52/53/54)

Technical Consultants: (6)
Finance (UK)
Central Bank (USA)
Labour (Belgium)
Social Security (Italy)
Comptroller (France)
Agriculture (Switz.)

To be
Implemented
in 1954

4. Public Finance Administration (tax legislation)

1953 Earmarkings \$5,465: One expert

The expert started on the exploratory stage of his assignment in October 1953. His main work will be advising on the revision of the existing tax legislation with a view to simplification of the tax structure and facilitation of tax collection.

In
Operation
(53/54)

Tax Legislation
(Denmark)

5. Oil Resources Development

1953 Earmarkings \$24,530: Two experts

Since January 1953, the expert has been assisting the National Petroleum Authority in (1) field survey and exploitation; (2) study of stabilization of prices of petroleum products; (3) survey of sales organization and field installation; and (4) establishment of an order of priority for proposed new investments.

In
Operation
(53)

Petroleum Production
(Neth.)

6. Metallurgical Mineral Resources Development

1953 Earmarkings \$43,175: Five experts

The experts on mining cost and mineral production methods with detailed recommendation for improvements, as well as of the possibilities for the expanded exploitation of mineral reserves in Bolivia. The Government also requested them to advise on the reorganization of the Mining Corporation of Bolivia. The expert on mineral smelting has been surveying the possibilities of establishing a tin smelting industry and has been supervising the functioning of small-scale pilot plants in this field. Experts in hydro-metallurgy and field geology for assisting in the development of Bolivia's reserves of zinc, lead, antimony, tungsten, copper and iron are expected to be assigned in December 1953.

In
Operation
(52/53/54)

Mining Cost (Canada)
Mineral Production
(France)
Smelting (Neth.)

7. Machinery Industry (Sugar Mill)

1953 Earmarkings \$14,240: Three experts

Based on the recommendation of the inter-agency Comprehensive Mission to Bolivia in 1950 that the construction cost of a sugar mill is less than the present import cost of sugar for one year, the UNTAA assigned, at the Government's request, two experts during February-April 1953 to assist in the selection of a site and the procurement of machinery for a proposed sugar mill. A third expert, on the installation and operation of sugar mills, is expected to be appointed in December 1953.

In
Operation
(53/54)

Sugar Mill (Neth.)
Sugar Refining
(France)

BOLIVIA - UNTAA PROGRAMME (continued)

Status of Project	Experts on Assignment	Fellowships Awarded
-------------------	-----------------------	---------------------

8. Power Production and Distribution
1953 Earmarkings \$14,545: Two experts
 An electrical engineer requested by the Government on behalf of the Mining Corporation of Bolivia is to be assigned in November 1953. He will advise on electrical installation, maintenance, and the acquisition of new equipment.

9. Hydro-electric Power
1953 Earmarkings \$10,320: One expert
 To assist the Government in the development of hydro-electric power to meet the need of expanding production in mining, agriculture and industry, the expert made, during 1953, extensive surveys of surface water resources in Bolivia and advised on the formulation of hydro-electric development programmes. He is also making studies on the financing of large and medium-scale hydro-electric projects.

10. Transportation and Communication Development
1953 Earmarkings \$2,620: One expert
 The expert completed his assignment in April 1953, in assisting the Government in planning a substantial extension of the country's road system.

11. Public Personnel Management
1953 Earmarkings \$5,465: One expert
 The project, which called for the provision of an expert to assist the Government in establishing an efficient civil service system, and to participate in the organization and operation of a training course in public administration, has been withdrawn from the 1953 programme due to shortage of funds.

12. General Economic Survey
1953 Earmarkings \$4,200: One expert
 The expert started his work in October 1953 to assist the Government in establishing a system of costing in industry particularly as a basis for price control. He is also advising the Minister of Economy on general economic questions related to industry.

To be
 Implemented
 (53/54)

In
 Operation
 (52/53/54)

Completed
 (52/53)

Withdrawn

In
 Operation
 (53)

Hydro-electric
 Power (UK)

Road Building
 (Neth.)

Industrial Costs
 (France)

BOLIVIA - ILO PROGRAMME

13. Organization of Vocational Training and Training Abroad of Bolivian Foreman

1953 Earmarkings \$30,300: One expert and twenty fellowships After carrying out a comprehensive survey, the expert submitted to the Government a preliminary plan for the long-term reorganization of the vocational training and educational system. Pilot committees and centres will be set up as a guide for future development throughout the country to meet the urgent need for skilled manpower. Arrangements are being made for seven to ten worker-trainees to be placed in the Mexican petroleum industry and for three mining foremen to receive training abroad.

In
Operation
(53/54)

Vocational
Training Adviser
(Belgium) 10

BOLIVIA - UNESCO PROGRAMME

14. Teacher Training

1953 Earmarkings \$26,100: Three experts

The experts are currently advising the Ministry of Education on the overall programme for the reorganization and extension of teacher training. They assisted in the reorganization of the curriculum of the Institute Normal Superior of La Paz, to improve the training of teachers in kindergarten, elementary and secondary schools. Pilot and demonstration schools have been established. The experts conducted courses on school organization and teaching methods for principals, rural teachers, and students in various parts of the country.

In
Operation
(52/53/54)

Teacher Training
(Chile) 4

Teacher Training
(Mexico)

Fundamental Edu-
cation (Ecuador)

BRAZIL - UNTAA PROGRAMME

15. School of Public Administration

1953 Earmarkings \$88,220: Nine experts and supplies

This school has been in operation since April 1952 with its directorate, administrative services and equipment provided by the Getulio Vargas Foundation. The UN assistance is to be provided from 1952 to 1956 and consists of a gradually diminishing number of lecturers, a fellowship programme and a travel grant for scholarship holders from other Latin American countries. During 1953, six lecturers, a co-director and one translator-editor were provided under the Expanded Programme, and a travel grant of \$10,000 and five fellowships under the Regular Programme. 125 Brazilian students and 40 students from other Latin American countries

In
Operation
(52/53/54)

Lecturers: (6)
Principles of Public
Administration
(So. Africa)

Organization and
Methods (USA)

Fiscal Administration
(Sweden)

BRAZIL - UNFAA PROGRAMME

Status of Project Experts on Assignment Fellowships Awarded

15. (Continued)
 (continued)
 Personnel Management (USA)
 Co-Director (Brazil) Public Relations (USA)
 Comparative Government (UK)
 Translator/Editor (USA)

received training in the school during the two semesters of 1953, and a similar enrollment is anticipated for 1954. The school has also produced a considerable amount of teaching material in the field of public administration. Three public administration textbooks in Spanish, adapted to the needs of the area, are now in preparation.

16. General Economic Survey
1953 Earmarkings \$2,670: One expert

The expert has completed a four month mission (April-July 1953) in advising the Government on the orientation of the activities of the Economic Development Bank in its initial stage, with special regard to the economic development of the northeastern territory of Brazil. A bank of the Northeast has been organized to finance agricultural and industrial development in this area.

17. Transportation Development

1953 Earmarkings \$5,770: Two experts

Two experts, each on a two-month (March-May 1953) assignment, have made recommendations to the Government for the improvement of traffic circulation and safety measures in the metropolitan area of Rio de Janeiro.

BRAZIL - ILO PROGRAMME

18. Vocational Training

1953 Earmarkings \$176,700: Fifteen experts and nine fellowships

To meet the growing need for skilled workers, ILO continued its programme in 1953 with 13 expert/instructors to assist S.E.N.A.I. in the following fields: General and automobile mechanics, cabinet making, diesel engines, metal heat treatment, industrial education and science teaching methods, occupational classification, off-set printing and photolithography. Curricula and training schedules were developed in all the trade fields covered. A training course with final examinations was successfully conducted for S.E.N.A.I. instructors. A second instructors' training course is at present in progress. The standards in the same fields in many other Latin American countries have also been raised through ILO/S.E.N.A.I. cooperation.

Completed (53)

Completed (53)

In Operation (52/53/54)

Economic Development Adviser (UK)

Traffic Operations (UK)

Traffic Operations (UK)

Vocational Training experts/instructors: (13)
 1 Canada)
 9 France)
 1 Meth.)
 1 Switz.)
 1 UK)

Vocational Selection
of migrants (UK)

In
Operation
(53/54)

19. Vocational Selection of Migrants

1953 Earmarkings \$16,000: Two experts

To ensure that Italian workers selected for emigration to Brazil can be absorbed into the economy of Brazil, an expert has been assisting the Selection Mission in Europe. It has been shown that there is an urgent need for more precise information on employment vacancies in Brazil and on the degree of skill required of immigrants; the need for improvement of pre-selection machinery has been revealed; conditions under which vocational training of prospective migrants in Italy can be successful have also been clearly established by the expert. At the same time, reports from Brazil on suitability of migrants selected have shown the need to link selection operations in Europe with an employment information programme in Brazil. To this end, an expert in the formulation of manpower demands in Brazil will be appointed in November 1953 to assist first in the collection of information on an ad hoc basis and then in the setting up of permanent machinery.

BRAZIL - FAO PROGRAMME

20. Land and Water Use

1953 Earmarkings \$44,000: Five experts

The agricultural development scheme of the Government, especially with respect to the settlement of immigrants into new lands, calls for urgent studies in soil productivity, colonization, land tenure, farm management and irrigation. The colonization expert carried out an extensive survey of land settlement schemes in the Paracatu area, and his successor is currently advising the Government on the organization of existing centres, the planning of new settlements, on housing, transport, and the organization of local trade. The soils expert is assisting the Government in developing improved methods of soil survey and land classification in order to improve the utilization of agricultural land. The land tenure expert is surveying the existing agrarian system in Brazil in collaboration with the National Commission on Agrarian Policy, and is advising the Government on the proposed changes in land tenure. The irrigation expert assisted the Government in the organization of a Dutch settlement in the Parafña area, examined the water requirements of irrigated rice and wheat, and advised on the canal system and irrigation methods.

In
Operation
(52/53/54)

Colonization(Neth.)

Soil Survey (Portugal)

Land Classification
(Argentina)

Land Tenure (Italy)

Irrigation Engineer
(USA)

BRAZIL - FAO PROGRAMME (Continued)

Status of Project	Experts on Assignment	Fellowships Awarded
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In Operation (53/54)	Parasitologist (Australia) Veterinarian (El Salvador)	-
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21. Animal Disease Control
1953 Earmarkings \$24,000: Two experts
Two veterinarians are collaborating with Brazilian technicians in carrying out systematic investigations into the principal cattle diseases and parasites, which are causing serious losses among livestock. One veterinarian is surveying the present incidence of brucellosis, and advising on suitable methods of controlling the disease, and a parasitologist is undertaking similar activities with regard to parasitic diseases of livestock. Their main task is to assist in the practical application of the extensive scientific work already carried out in Brazil.

22. Agricultural Institutions and Services

1953 Earmarkings \$13,200: Two experts

Agricultural extension forms an important part of the Government's development schemes. The extension expert, who has been at work in the country since 1951, continues to assist in the organization of such services and in the training of personnel. Lectures have been given to students in the Parañá area, as a result of which preliminary schemes have been drawn up and the students enabled to conduct the necessary initial surveys. The expert has prepared a working programme for the students of Parañá and Amazonas, and a model extension service is now to be started on a small scale in the northeastern part of the country. At the beginning of the expert's assignment no agricultural extension service existed in Brazil; now, however, the necessary foundation has been laid, and personnel have already received sufficient training to undertake a pilot organization of extension schemes. The rural sociologist provided in 1953 assisted the Government in sociological problems associated with the migration of rural people, and trained rural welfare personnel.

In Operation (51/52/53/54)	Agricultural Extension (Neth.) Rural Sociologist (USA)	2
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23. Agricultural Economics

1953 Earmarkings \$11,688: One expert

To provide the support required by the development agencies in economic and statistical fields, the expert assisted in the training of Government officials, both of central and field staff in the survey and analysis of agricultural problems.

In Operation (52/53/54)	Agricultural Economist (Portugal)	1
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Logging (Australia) 1

Sawmilling (France)

Marketing (UK)

Pine (Australia)

Aerial Survey (Neth.)

In
Operation
(52/53/54)

24. Forestry Development
1953 Earmarkings \$91,397: Ten experts and equipment
During 1952 to 1953 a team of three experts carried out a preliminary survey of the possibilities of forest development in the Amazon Valley, the results of which have shown that general conditions for exploitation and transport of timber are excellent. The mission drew up a series of recommendations for an increase in production to meet rapidly growing national need and to provide the basis of a large scale development. Following this preliminary work, the Government, assisted by FAO, has passed to the second phase and a team of 4 experts is organizing two centres, one for logging and the other for sawmilling, for the demonstration of modern equipment and techniques and for the training of local personnel. The centres for which FAO has supplied equipment to the value of US \$44,000 were designed to bring about immediate improvements in present extraction and milling practices. As a necessary basis for future forest industries and for the forest surveys, a comprehensive inventory is required. The expert in aerial survey methods is assisting in the interpretation of existing data and in drawing plans for extending the forest inventory. In the southern area of the country an expert has been engaged during 1953 on the conservation and rational exploitation of the Parafá pine (araucaria) and is advising both federal and state governments of Parafá, Santa Caterina and Rio Grande do Sul on the necessary measures for the conservation of this species which is one of the principal resources of the area.

25. Nutrition

1953 Earmarkings \$244: Travel cost

The above earmarkings represent a proportion of the travel costs of an FAO nutrition mission to South America.

BRAZIL - UNESCO PROGRAMME

26. Institute Oswaldo Cruz

1953 Earmarkings \$11,100: Two experts and one fellowship

The project calls for the provision of one physical chemist and one organic chemist to work with the Institute Oswaldo Cruz on industrial chemical research and the training of research personnel.

Under
Negotiation

BRAZIL - UNESCO PROGRAMME (continued)

Status of Project	Experts on Assignment	Fellowships Awarded
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27. Brazilian Centre for Physical Research
1953 Earmarkings \$32,800: Three experts

The experts are engaged in pilot studies and in training personnel in the physical research field. The expert in cosmic radiation, during his stay at La Paz to help in establishing a laboratory in cosmic ray research, evolved a theory for evaluating density measurement of cosmic-ray showers.

In	Professors: (3)	3
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Operation (52/53)	Cosmic radiation (Germany)	
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	Nuclear Physics (Italy)	
	Electronics (Neth.)	

28. Technology for Development

1953 Earmarkings \$42,300: Three experts and two fellowships

The expert in cellulose is pursuing his research work on the production of paper cellulose in close contact with the industries concerned, and gives lectures to students of the National Institute of Technology. The expert in electro-magnetic rays is working under the same project in close cooperation with the head of the Electricity Division of the Institute.

In	Paper Cellulose (Austria)	9
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	Electro-Magnetic (UK)	
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29. Geophysical Research

1953 Earmarkings \$10,600: One expert

In cooperation with the National Observatory and the United States Geodetic Survey, the expert has helped in the establishment of the magnetic observatory now being built at Tatuoca Island. Magnetic field work in the central part of Brazil has continued, 15 new stations having been established. The programme of the magnetic branch of the National Observatory has been worked out and training in field observation, analysis of magnetic records, and preparation of reports of magnetic data has been given, with a view to ensuring that the work can be continued after completion of the mission early 1954.

In	Geophysics (UK)	1
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Operation (51/52/53/54)		
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30. Institute of Biophysics

1953 Earmarkings \$8,000: One expert and one fellowship

The expert has been assisting the Institute of Bio-Physics of the University of Brazil and other institutions in the development of the Marine Biological Stations at Cabo Frio and Boa Viagem. New experimental techniques have been introduced. National experts are being trained in applying new methods in their research which will enable them in turn, to put the knowledge acquired to scientific uses in industry.

In	Marine Biology (UK)	1
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Operation (52/53/54)		
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31. Institute of Agricultural Chemistry
1953 Earmarkings \$8,700: One expert
The expert assigned in July 1953 is at present conducting research on medicinal and toxic plants at the Institute of Agricultural Chemistry to develop better uses of the soil and raw materials of Brazil. He will also train the national personnel in modern laboratory technique.

In
Operation
(53/54)

Micro-analysis
(Japan)

32. Science Research (Sao Francisco Valley)
1953 Conditional Programme \$22,300: Four experts
The expert took up his duties in June 1953, and is assisting the Government in surveying and studying the availability and development of mineral resources in the Northeast and Northwest regions of Brazil. He spent the first six weeks working in the Department of Mineral Production, where he studied reports on conditions in the semi-arid zone of Northeastern Brazil, in preparation for his field work which began in August 1953.

In
Operation
(53/54)

Geology Survey
(France)

BRITISH GUIANA - UNTAA PROGRAMME

33. Hydro-electric Power
1953 Earmarkings \$6,700: One expert
There is a need for basic topographical and hydrological data in making use of the great potential water power resources in British Guiana. As a preliminary step in making a general survey of the potentialities of the whole territory, the expert advised the Government during January-April 1953 on the areas to have priority for detailed hydro-electric surveys.

Completed
(53)

Hydro-electric Power
(Neth.)

BRITISH GUIANA - FAO PROGRAMME

34. Animal Production
1953 Earmarkings \$6,700: One expert
A livestock and range management expert is assisting in the necessary experimental work at the government research station to determine whether the large areas of pasture within the country at present unused can be developed to carry large herds of beef cattle.

In
Operation
(53/54)

Range Management
(USA)

BRITISH GUIANA - FAO PROGRAMME (continued)

Status of Project	Experts on Assignment	Fellowships Awarded
In Operation (52/53)	Sawmill (USA)	-

35. Forest Development
1953 Earmarkings \$7,100: One expert
 The expert undertook a survey of existing sawmills and assisted the industry in producing better quality and increased quantities of sawed lumber for domestic and export requirements. He also advised on the organization and maintenance of sawmills and methods of training sawmill operators.

36. Joint FAO/Bank Mission
1953 Earmarkings \$13,800: Three experts
 FAO provided the mission with three experts in 1953 to examine the development potentialities of British Guiana. The agricultural economist studied production potentialities of the principal crops, systems of land tenure, credit and marketing. The general agriculturalist reported on the properties and capacity of the soil, and on existing land use. His observations covered the chief crops and included recommendations for improving rice production, and for increased production of beef cattle.

37. Fisheries Development
1953 Conditional Programme \$2,000: One fellowship
 A fellowship in fish culture has been provided, the holder of which will study pond construction and management, and the stocking and management of inland waters in Brazil, Israel and Indonesia. On his return the Fellow will be concerned with the introduction of suitable techniques in British Guiana.

BRITISH HONDURAS - FAO PROGRAMME

38. Crop Production
1953 Earmarkings \$7,500: One expert
 This project, which was to provide an expert working on the formulation of a programme for increasing rice production has been withdrawn from the 1953 programme.

Completed (53)	Agricultural Economist (Neth.)	-
In Operation (53)	General Agriculturist (France)	1
Withdrawn	Forestry and Lumber Industries (USA)	-

CHILE - UNTAA PROGRAMME

39. Statistics

1953 Earmarkings \$2,990: One expert

Beginning January 1952, the expert has assisted the Government in organizing its 1952 population census and in the processing of the results. He is expected to return to Chile early in 1954 to cooperate in the final stages of the census tabulation.

Partly
Completed
(52/53/54)

Census Statistics
(Peru)

CHILE - ILO PROGRAMME

40. Fellowships

1953 Conditional Programme \$4,600: Two fellowships

Two fellowships, one in the field of migration policy and the other in labor legislation, have been awarded to the officials of the Government.

In
Operation
(53)

2

CHILE - FAO PROGRAMME

41. Land and Water Use

1953 Earmarkings \$27,000: One expert and four fellowships

A farm management expert is acting as technical adviser to the Temuco project with the aim of creating a demonstration farm for the training of government agronomists and extension specialists. Work is being carried out on the farm to double its output within five years by cultivation, crop rotation and dairying. With the assistance of this expert the necessary farm work, which began in September 1952, has already been undertaken and the first stages in the project are being carried out.

In
Operation
(52/53)

Farm Management
(UK)

2

42. Crop Production

1953 Earmarkings \$4,000: Two fellowships

Three fellowships in crop production were awarded in 1953, to supplement the work of the FAO experts in Chile during 1952.

In
Operation
(53)

3

43. Agricultural Institutions and Services

1953 Earmarkings \$11,000: One expert

The Government's agricultural policy, endorsed by the Bank/FAO mission for 1951, seeks to increase the farm area by some 500,000 hectares (1.25 million acres), to improve farm practices on 100,000 hectares

In
Operation
(52/53/54)

Agricultural Ad-
viser (USA)

-

Status of Project Experts on Assignment Fellowships Awarded

(250,000 acres) and carry out an irrigation programme on 200,000 hectares (500,000 acres) making a 14 percent increase in the area under crops. An economic commission has been appointed to study the Bank/FAO report and the FAO agricultural adviser works in close collaboration with the Ministry of Agriculture, assisting in the proposed plan for its reorganization. This expert is also concerned with the implementation of FAO recommendations, such as the potato seed sanitation law now passed by Congress following the work of an FAO expert in 1951 on the control of potato blight.

44. Animal Production.

1953 Earmarkings \$11,200: One expert

The expert is advising the Government on the management of grazing lands and conservation of fodder for scarcity periods. In particular, he has studied range conditions in the province of Magallanes which is one of the largest sheep-producing regions of Latin America. He has visited a large number of farms and has recommended seed trials to be carried out to demonstrate the value of forage produced both as fodder, for erosion control, and to investigate the possibility of re-seeding sites now covered with brush. Considerable interest in re-seeding has been aroused among farmers, many of whom have offered sites for demonstration. The Government has provided funds for seed purchases of suitable species of forage crops.

In Operation (52/53/54) Range Management (USA) 2

45. Agricultural Economics and Statistics

1953 Earmarkings \$13,975: Two experts

The growing urban population has given rise to problems of marketing and distribution of food-stuffs, and assistance is being given by the marketing expert, who has made studies demonstrating the heavy losses incurred in moving livestock long distances from farm to cities, and has stressed the need for facilities at the local level, such as buying and selling co-operatives, combined with better transportation, and the provision of refrigeration facilities. The expert's recommendations covered the establishment of a market news service to inform growers of prices in other areas, refrigerated transport and establishment of proper grading and bagging systems. The implementation of these recommendations will result not only in improved quality for the consumer but in increased supplies, owing to the elimination of waste in transport, and will benefit especially purchasers of perishable foods.

In Operation (51/52/53/54) Agricultural Statistics (Canada) Marketing (USA)

45. (Continued)

To provide the necessary statistical basis for the Government's agricultural development plans, the FAO statistician is assisting in the reorganization of the statistical services and in improvement of methods of calculation of agricultural data. Under the guidance of the expert a Joint Committee, whose members are chosen from the Ministry of Agriculture and the Statistical Office, has been set up with the result that considerable simplification and clarification of the present survey system has been brought about. A project survey of cereal production was carried out in four provinces and, as a result of the expert's work, schedules for cereals, dairying and chacara have been drawn up which will provide a guide for future statistical work.

46. Fisheries Development

1953 Earmarkings \$10,450: Two experts

The biologist has conducted preliminary investigations on the biology of the hake and other important species, the result of which will assist the fishing industry in the improvement of its operation and allow the Government to lend it more effective support. The fisheries economist has worked on the distribution and marketing of fish, and also on the encouragement of fish consumption. The expert has succeeded in setting up five pilot projects for the processing and distribution of fish to consumers, and both the Government and commercial firms have taken action to introduce a regular supply of fish into the national diet.

Biologist (Mexico) 3

Fisheries Economist
(Denmark)

In
Operation
(52/53/54)

47. Forest Development

1953 Earmarkings \$143,227: Eight experts and equipment

The FAO forestry mission has been at work in the country since 1951 assisting the Government in setting up an efficient forest service and administration, and in the introduction of sound conservation and utilization methods as the first step in the development of its valuable timber resources. FAO plans for a draft forest law and for the establishment of a Forestry Department have been approved by the Government.

Mission Chief
(Forest Adviser) (USA)

Forest Management (UK)

Forest Industry (Finland)

Silviculture (France)

Silviculture (USA)

In
Operation
(51/52/53/54)

CHILE - FAO PROGRAMME (continued)
47. (Continued)

In addition to establishment of broad policies, the mission has also carried out short-term studies concerning the management of the deciduous forests of the South and the control of erosion. It has also made recommendations on the modernization of forest industries, and the protection and reforestation of the arid zones in the northern part of the country. Arising from this work the mission has assisted in establishing a national training centre with equipment valued at \$50,000 provided by FAO for the training of personnel in forest administration and in forest industries.

In collaboration with Corporación de Fomento (CORFO) the Mission has also carried out a study of possibilities of forest exploitation, in particular for increased production of pulp and paper and for plywood manufactures. With the cooperation of the University of Santiago, F.A.O. has also assisted the Government in the establishment of a forest university, in which three experts are advising on programmes of instruction for future forest officers.

48. Nutrition

1953 Earmarkings \$8,000: One expert and two fellowships
As part of an over-all programme to assist in the greater production and better utilization of wheat and other staple crops, the expert advised on improving the quality of marketed bread in Chile. The Government has undertaken to finance the operation of a Bakery School and requested FAO's assistance in 1954. Its establishment is expected to lead to the mechanization of the baking industry, as well as to greater nutritive value in the bread, on which the lower-income population largely depends for calories and protein.

COLOMBIA - UNTAA PROGRAMME

49. Building Industries

1953 Earmarkings \$18,700: Three experts
During July-November 1952, an expert in construction methods for low cost housing advised the Inter-American Housing Centre on a method, which was accepted, for the rapid production of plans and complete models in three dimensions. An expert to assist in the financial

Status of Project

Experts on Assignment

Fellowships Awarded

(continued)

Silviculture (UK)

Forest Training (USA)

In Operation
(53/54)

Bakery Technician
(USA)

4

In Operation
(52/53/54)

Low-Cost
Housing
(France)

49. continued

aspects of a housing programme initiated by the National Planning Bureau took up his assignment in November 1953. Equipment totalling \$15,000 for demonstration purposes has been ordered.

50. Public Utilities

1953 Earmarkings \$800: One expert

The expert, requested by the Government upon the recommendation of an IBRD Survey Mission in 1950, completed his assignment in January 1953. He advised the Government on the operation and financing of public utilities. Aside from underlining the need for further development of sources of power, the expert emphasized the improvement of existing power companies. He also studied the public services in Cartagena.

Completed
(51/52/53)

Public Utilities
(Canada)

51. Statistics

1953 Earmarkings \$38,800: Five experts

In
Operation
(51/52/53/54)

Census Consultant
(Canada)

Coordinator (USA)

Industrial Statistics (USA)

The joint UN, ILO and FAO statistical mission that has been assisting the Government on the organization and appraisal of its 1951 census material, is continuing its work through 1953. During the year, assistance was rendered to the Government in establishing a statistical system so that future data on population, industry and agriculture may be scientifically collected and organized. The census consultant advised the National Directorate of Statistics on demographic census and verification of 1951 census results. Another expert recommended various measures in coordination and assisted in the elaboration of appropriate legislation. The expert in industrial statistics has carried out studies in connection with preparation of an industrial directory. This Directory will form a basis for an industrial census which is proposed for 1954.

COLOMBIA - ILO PROGRAMME

52. Cost-of-Living Statistics

1953 Earmarkings \$8,100: One expert and two fellowships

As a part of the UN/ILO/FAO Statistical Mission (see paragraph 51 above) this expert is assisting the National Directorate of Statistics in establishing a national statistical series on the basis of the available cost-of-living indices for various cities and initiating a national consumers' purchase study.

In
Operation
(52/53/54)

Cost-of-living
statistics (Sweden)

COLOMBIA - FAO PROGRAMME

Status of Project	Experts on Assignment	Fellowships Awarded
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53. Animal Production
1953 Earmarkings \$12,100: One expert
 Colombia has a large cattle population and is an important beef-producing country. The expert has been assisting the Government in sheep and cattle breeding, feeding and management since 1951. The existing farm Institutes provide a useful nucleus around which a programme of promoting livestock production can be developed and during 1953, on the expert's recommendation, the Ministry of Agriculture has made plans for the organization of an experimental station concerned with cattle, pigs and poultry. A wool and fabrics exhibition has been organized to travel through the country and stimulate interest in improved sheep management.

In Operation (51/52/53/54)	Livestock Improvement (Austria)	-
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54. Joint Statistical Mission (see paragraph 51 above)
1953 Earmarkings \$22,000: Two experts
 During 1953, the experts assisted in the processing and tabulation of data collected in the 1950 agricultural census, and advised on improvement in current agricultural statistical techniques.

In Operation (51/52/53/54)	Agricultural Statistics (Neth.)	2
	Agricultural Statistics (India)	

55. Agricultural Economics
1953 Earmarkings \$4,468: One expert
 The expert in agricultural economics, who was on a supervisory mission to South America, spent a short period in Colombia.

Completed (53)	Agricultural Economist	-
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COLOMBIA - UNESCO PROGRAMME

56. Special Educational Services
1953 Conditional Project \$5,500: One expert
 This is a project for fundamental education based on the use of radio broadcasting in the rural areas of Colombia. It supplements the work of agricultural extension implemented under the U.S. bilateral programme. The national project of Radio Sutatenza was inaugurated in 1953. Before the end of this year, the Government will install 5,000 additional radio receiving sets, which will make it possible for the "Escuelas radiofónicas" to reach 200,000 rural inhabitants. One of the main tasks of the UNESCO experts is the preparation of reading material, literacy teaching and training of counterpart personnel, not only in the broadcasting services, but also for the

In Operation (53/54)	Text Book (France)	-
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COLOMBIA - UNESCO PROGRAMME

56. continued

effective supervision of rural courses in the field. The expert for the preparation of textbooks started his work in September 1953. The expert in educational broadcasting and the expert in textbook illustration and printing are expected to join the project late 1953 or early 1954.

COLOMBIA - WHO PROGRAMME

57. Insect Control

1953 Earmarkings \$44,600: Five experts

The objectives of this WHO/UNICEF joint programme are the following:

To eradicate Aedes aegypti and control malaria in Colombia by means of the systematic application of residual action insecticides; to control other disease transmitted by insects; to evaluate the results of this campaign by comparing periodically the morbidity and mortality rates of insect-borne disease; and to verify the absence of Aedes aegypti in treated areas. For the first year of operation the area selected was that along the Valle de Cauca. During 1953, the programme was extended to the Valle de Cauca. The experts are currently cooperating with the Cooperative Inter-American Health Service in the control of malaria and yellow-fever in Atlántico, Bolívar and Santander.

In Operation (52/53/54) Insect Control (Brazil)
Insect Control (Brazil)
Insect Control (Brazil)

58. Public Health Administration

1953 Earmarkings \$2,600: One expert

The expert has assisted in an overall assessment of public health activities in Bogotá, and in the rural areas of the municipality during the period November 1952-April 1953. In cooperation with the director of the Municipal Health Department, he conducted a thorough survey of existing facilities and drafted recommendations for the reorganization of that department.

Completed (52/53) Public Health Administration (Brazil)

59. Maternal and Child Health

1953 Earmarkings \$20,150: Three experts and One fellowship

This programme began in 1951 in cooperation with UNICEF. Its objectives are: 1) to provide training for graduate nurses in mid-wifery; 2) to assist the National Health Administration in the best utilization of graduate nurses mid-wives; 3) to create a Maternal and Child Health

In Operation (51/52/53) Nurse Midwife (USA)
(Transferred to WHO Regular Programme) Nurse Midwife (USA)

COLOMBIA - WHO PROGRAMME (continued)

Status of Project	Experts on Assignment	Fellowships Awarded
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59. continued
 Department within the School of Hygiene, providing adequate field training facilities; and 4) to begin demonstration courses for lay mid-wives through established health centres. At the present time, the experts are carrying out this project within the Superior School of Hygiene where ten nurses have been graduated and twenty more are expected to finish the course this year.

COSTA RICA - UNTAA PROGRAMME

60. Hydro-Electric Power
1953 Earmarkings \$6,500: One expert
 The Costa Rican Institute of Electricity is completing studies and plans for the establishment of two new hydro-electric plants which are important for the industrialization of the country. During 1953, two experts were provided for short assignments in advising on the project. A third expert in power distribution is being assigned in November 1953.

In Operation (53/54)	Hydro-electric Power (France)	-
	Hydro-electric Power (France)	-

COSTA RICA - FAO PROGRAMME

61. Agricultural Economics
1953 Earmarkings \$9,000: One expert and one fellowship
 The Government of Costa Rica and the Inter-America Institute of Agricultural Sciences have invited a team of experts to organize a demonstration area in the Upper Reventazon Valley in the most important agricultural area in the country. The FAO farm management expert has conducted a detailed survey in the demonstration area and has carried out training of students in farm management.

Completed (51/52/53)	Farm Management (USA)	3
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62. Fisheries Development
1953 Earmarkings \$250: Travel cost of one expert
 In connection with an investigation into the shrimp resources of Costa Rica, FAO is providing travel costs for a preparatory visit of an expert.

To be implemented (53)	-	-
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COSTA RICA - UNFAA PROGRAMME (continued)

63. Nutrition

1953 Earmarkings \$11,180: One expert and one fellowship

To assist in dealing with malnutrition affecting the health and productive capacity of the population, the expert is assisting in organizing school feeding based on locally produced foods and is training personnel to carry out the work after her departure. Parent-teacher groups, press and radio are being used for the nutrition education campaign, and school and community gardens for vegetable production are being provided in connection with the Servicio Inter-Americano de Cooperación Agrícola (SPICA). Plans have been drawn up for the establishment of nutrition centres in various villages to encourage use of foods in the home and to demonstrate cooking methods. Three of these have already been set up. Studies of dietary deficiency and all local foods whose consumption might be encouraged are being undertaken.

In
Operation
(52/53/54)

1

Nutrition
(Argentina)

COSTA RICA - UNESCO PROGRAMME

64. Education Organization

1953 Earmarkings \$72,750: Five experts

Continuing a long-term programme of education, started in 1951, the UNESCO team is assisting in establishing new education methods and programmes based on the specific needs of the country, training teachers to work in rural communities and for work in fundamental education. Plans prepared during the previous years were put into operation during 1953. The total programme is now divided into five areas of service; rural education, primary education, vocational education, teacher education, and school administration. The pilot projects, initiated by the experts for two demonstration areas with 23 schools, have contributed to the improvement of school facilities as well as the advancement of living conditions in the communities.

In
Operation
(52/52/53/54)

5

Educational Administration (USA)

Primary Education (Puerto Rico)

Vocational Education (Switz.)

Rural Education (Peru)

Teacher Training (Venezuela)

COSTA RICA - WHO PROGRAMME

65. Nursing Education

1953 Earmarkings \$48,500: Five experts and three fellowships

WHO is providing equipment, fellowships and experts to assist in a programme, started in 1951, for the training of nurses and sub-professional

In
Operation
(52/53/54)

2

Nursing Educators (4):
2 (USA)

1 (Portugal)

1 (Chile)

COSTA RICA - WHO PROGRAMME (continued)

Status of Project	Experts on Assignment	Fellowships Awarded
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65. continued
auxiliary workers. During 1953, the experts assisted in the development of a training programme in the San José school of Nursing. An effort was made to establish evaluation methods and to promote a comprehensive record system of reference material for both instructors and students. The experts also assisted in the preparation of working procedures for the Department of Communicable Diseases. Work has been done in developing clinical instruction in psychiatry, while local counterpart personnel have been steadily delegated more responsibility.

66. Environmental Sanitation

1953 Earmarkings \$3,000: One expert

The expert was assigned in August 1953 to advise the Government on the construction of modern abattoirs, improvement of rural abattoirs, meat hygiene practice, administrative organization, and pertinent legislation in this field.

In Operation (53)	Construction of Slaughter- house (Denmark)
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CUBA - UNTAA PROGRAMME

67. Statistics

1953 Earmarkings \$5,500: One expert

Since July 1952, the expert has been assisting the Government through the National Economic Board in the improvement of its statistics on industrial production, consumption and prices. He has surveyed the statistical services of the Government and drawn up a plan for the reorganization of these services. At the Government's request, his services are expected to be extended into 1954.

In Operation (52/53/54)	Economic Statistics (Peru)
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DOMINICAN REPUBLIC - UNTAA PROGRAMME

68. Meteorology (In cooperation with WMO)

1953 Earmarkings \$7,300: Two experts

The project aims at the improvement of the meteorological services in the Dominican Republic. One expert is expected to be assigned in November 1953.

To be imple- mented in 1954

DOMINICAN REPUBLIC - ILO PROGRAMME

69. Social Security

1953 Earmarkings \$26,700: Three experts and two fellowships

The experts have examined the existing social insurance laws and regulations, and the financial and administrative operation of the Dominican Social Insurance Fund. Their reports suggest concrete steps in the legislative and administrative fields. In order to collect reliable statistical data for the actuarial balance sheet of the Fund, a census of persons covered was carried out in October 1953.

In
Operation
(53/54)
Actuary (Ecuador)
Social Security (Ecuador)
Social Security (Ecuador)

DOMINICAN REPUBLIC - FAO PROGRAMME

70. Fisheries Development

1953 Earmarkings \$2,500: One expert

The expert is assisting the Government in promoting a programme for the development of fish culture. During 1953 he conducted a survey of suitable areas of fresh and brackish waters and assisted local technicians in the construction of ponds and in the introduction of suitable fish for stocking.

In
Operation
(53/54)
Fish Culture (China)

DOMINICAN REPUBLIC - WHO PROGRAMME

71. Insect Control

1953 Earmarkings \$15,850: Two experts

The project was initiated in 1952 with equipment and supplies provided by the UNICEF. During 1953, operations against both Aedes aegypti and the carriers of malaria have been expanded. The third cycle of inspection in the Aedes aegypti aspect of the project in Ciudad Trujillo and work in the District of Santo Domingo were started. The control of malaria, principally in the cultivation areas of sugar cane, cacao and coffee, has an important relationship to the economic development of the country.

In
Operation
(52/53/54)
Malariaologist (Brazil)
Sanitarian (Brazil)

ECUADOR - UNTAA PROGRAMME

72. Housing

1953 Earmarkings \$10,800: Three experts

Since 1952, the expert on low-cost housing has been advising the

In
Operations
(52/53/54)
Town Planning (USA)

ECUADOR - UNTAM PROGRAMME (continued)

Status of Project	Experts on Assignment	Fellowships Awarded
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72. continued

Government on the reconstruction of the town of Esmeraldas which had been partially destroyed by fire, and assisting in plans for the establishment of a national housing authority. The design of low-cost, fire-proof, earthquake - resistant and sanitary houses has been successfully demonstrated. Under his guidance, ten city blocks were laid out to demonstrate modern city-planning methods and systems of low-cost housing in tropical towns. The result of this expert's work in Ecuador may provide a case study and pilot project of technical assistance in national housing policy in other countries.

73. Port Development and Road Construction

In Operation (52/53/54)	Port Development and Road Building (USA)
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1953 Earmarkings \$78,200: Seven experts and equipment
The expert assigned in 1952 has presented a full plan for the relocation for the Port of Guayaquil which is now under consideration by the International Bank for Financing. He also advised the Government on the setting up of a Road Construction Corps in Ecuador which would build highways on an economical basis and serve as a pilot project for training national personnel. During the year, the expert devoted a part of his time to assist in the rebuilding of highways in the coastal area after one of the most serious floods Ecuador has ever had.

74. Statistics

In Operation (53/54)	Census Tabulation (Panama)
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1953 Earmarkings \$24,200: Three experts
This project is a continuation of the assistance previously rendered to Ecuador in connection with planning and taking of the 1950 census, the first in the history of the country. In addition to expert assistance, the UN is making statistical tabulation equipment available.

75. Transportation and Equipment Industries

In Operation (52/53)	Wooden Ship-building (Yugoslavia)
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1953 Earmarkings \$7,300: One expert
As part of an industrial training programme undertaken by the Government with the assistance of the UN and Specialized Agencies, the shipbuilding foreman stationed in the boat-yards of the Comite de Vialidad de Guaya, has been organizing demonstration projects and training workmen in the building of small ships for coastwise fishing and trading. His assignment started in September 1952 will end in December 1953.

76. Cottage Industries (ceramics)
1953 Earmarkings \$6,200: One expert
As part of its industrial development programme, the Government is planning to develop its traditional trades and crafts. The expert in ceramics studied the archeological collections and also the methods and techniques now used in the rural centres for the making of pottery and ceramics. He has set up centres, utilizing existing equipment, for the demonstration of and training in improved production techniques.
77. Repair and Similar Industrial Services
1953 Earmarkings \$6,400: One expert
Beginning August 1952, the expert completed his assignment in July 1953, in establishing a training programme in motor vehicle maintenance and repair.
78. Public Finance Administration
1953 Earmarkings \$50,300: Six experts
The mission of public finance and customs experts has been at work in Ecuador since 1950. During 1953, the experts have completed a programme which includes new customs and tariff laws, and regulations; the organization of a National Council of Foreign Trade; and a revised budget law. In July, 1953 the President of the Republic signed Customs and Tariff Laws, based largely on recommendations made by this mission. The experts will now be engaged in advising the Government on the implementation of these laws.
79. Local and Municipal Administration
1953 Earmarkings \$8,300: One expert
The Government has been engaged in a reorganization of its tax and budgetary systems and a similar policy is being extended to the provincial and municipal systems. This expert assisted in the revision of administrative and budgetary procedures on the provincial and municipal levels during January-June 1953.
80. Hydro-electric Power
1953 Earmarkings \$7,900: One expert
Under a UNESCO assignment (see paragraph 71 below), this expert made a survey of power resources in Ecuador and submitted recommendations for a hydro-electric development programme. Upon expiration of his contract with UNESCO

Completed
(53)

Ceramics (USA)

Completed
(52/53)

Auto Repair (USA)

In
Operation
(50/51/52/
53/54)

Customs (Switz.)

Budgetary System (Colombia)

Income Tax Administration
(Venezuela)

Internal Tax System (Dom. Rep.)

Income Tax Reform (Dom. Rep.)

Fiscal Administration (Colomb.)

Completed
(53)

Municipal Finance

(Venezuela)

In
Operation
(52/53)

Hydro-electric Power
(France)

Ecuador - UNTAA Programme

Status of Project Experts on Assignment Fellowships Awarded

80. continued
in March 1953, the expert was transferred to UNTAA in order to enable him to continue his work in this field.

81. Insurance
1953 Earmarkings \$5,000: One expert
An actuarial expert will be appointed in December 1953 to assist the Supervisory Office of Banks, with the support of the Ministry of Economy in the study and reorganization of private insurance systems in Ecuador.

To be im-
plemented
(53)

Ecuador - ILO Programme

82. Vocational Training
1953 Earmarkings \$28,200: Three experts
To assist in the Government's overall industrial development plans, ILO planned to provide three foremen mechanics to make a survey of trade schools in the field of motor mechanics, electrical and machine-shop work and to advise in training of Ecuadorian instructors in these trades. However, due to lack of funds, the appointment of experts has to be postponed into 1954. Only twenty Ecuadorian worker-trainees were sent abroad for training in 1953.

In
Operation
(53/54)

83. Technical Education
1953 Earmarkings \$20,500: Two experts and four fellowships
The Government has been reorganizing the Central Technical College in Quito as a demonstration and training centre for technical education - industrial, commercial and agricultural, and in cooperation with UNESCO, (see paragraph 89 below), the ILO experts assisted the Government in this project from early 1952 to the middle of 1953.

Completed
(52/53)

Educational Adviser
(UK)
Industrial Mechanics
(France)

Ecuador - FAO Programme

84. Animal Production
1953 Earmarkings \$23,460: Two experts
The sheep husbandry expert is carrying on the work begun in 1951 to assist the Government in its programme for the rehabilitation of the industry.

In
Operation
(51/52/53/
54)

Animal Husbandry (USA) -
Dairy Technologist (Czech.)

ECUADOR - FAO PROGRAMME (continued)

84. continued

In a joint project the Government, TCA and FAO are carrying out a cross-breeding programme on two experimental farms. The Ecuadorian Sheep Breeders' Association, which was established with FAO assistance during 1952, is being assisted by the expert with technical advice, and supervision is also being given to the cross-breeding programme being carried out with rams imported from the U.S.A. in 1951. The dairy expert is co-operating with UNICEF in planning and constructing a milk pasteurization plant for the municipality of Quito. He has also assisted in planning the reorganization of the slaughterhouse in Quito.

85. Animal Disease Control

1953 Earmarkings \$11,000: One expert

The provision of a veterinarian to assist the Government in establishing a programme for animal disease control has had to be postponed into 1954 due to lack of funds.

To be implemented in 1954

86. Fisheries Development

1953 Earmarkings \$2,950: One expert

The expert has initiated a biological appraisal of fishery resources along the main coast and the Galapagos area, and made recommendations for their increased exploitation. It is to provide one fellowship in 1954 to follow up the expert's work

In Operation (52/53/54)

Fisheries Biologist (Peru) 1

87. Nutrition

1953 Earmarkings \$4,570: One expert

The nutritionist is assisting the Government to conduct dietary surveys as a guide in planning food production and distribution to correct dietary deficiencies found among certain sections of the population. The expert has also assisted in the preparation of a table of food values and is teaching nutrition and diet-therapy to student nurses.

In Operation (52/53/54)

Nutrition (USA) 4

ECUADOR = UNESCO PROGRAMME

88. University Education

1953 Earmarkings \$9,250: Two experts

Following a joint UNESCO/ILO exploratory mission in 1950, UNESCO agreed to provide, among other assistance, an expert in higher education to advise the Ministry of Education in reorganizing the Central University

Completed (52/53)

University Education and Chief of Mission (USA) 11

ECUADOR - UNESCO PROGRAMME (continued)

Status of Project	Experts on Assignment	Fellowships Awarded
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88. continued at Quito and its affiliated schools. The expert worked through 1952 and completed his assignment in July 1953. During 1953, he was mainly engaged in reorganizing the Institute of Modern Languages of the Central University.

Completed (52/53)	Printing (Neth.)	10
	Electrical Engineering (Switz.)	

89. Technical Education
1953 Earmarkings \$14,500: Two experts
 In cooperation with ILO (see paragraph 83 above), the UNESCO experts assisted in the reorganization of the Central Technical College in Quito, and in setting up training programmes in the fields of electrical engineering and graphic arts. In addition, they have given lectures to students as well as workers.

In Operation (51/52/53/54)	Teacher Training (Uruguay)	-
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90. Primary and Secondary Education
1953 Earmarkings \$31,150: Two experts and two fellowships
 In order to modernise the primary and secondary school systems and adapt them to the needs of training students for participation in the economic development of the country, specialists in primary education, secondary education, and teacher training started assisting the Government in 1951. During 1953, only the teacher training expert remained to carry on the work of this project. His plan was first tried out on an experimental basis in two demonstration schools and later extended to the four demonstration schools of the teacher training colleges.

Completed (52/53)	Hydro-electric (France)	-
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91. Science Research
1953 Earmarkings \$4,000: One expert
 The expert in hydraulic engineering has submitted to the Government recommendations for the establishment of a National Institute of Electricity and a plan providing for the establishment of 100 hydrological stations and 300 meteorological stations. A five year plan of electrical equipment has been evolved to make better use of the country's hydraulic resources. Lectures on the five-year plan and on related subjects have been given at the Quito University. After the expiration of the expert's contract with UNESCO, in March 1953, he continued his work under the UNTAA Programme (see paragraph 80 above).

ECUADOR - WHO PROGRAMME

92. Venereal Disease Control

1953 Earmarkings \$18,000: Two experts

During 1953, the work of mass serological testing and treatment continued following an intensive education campaign. The experts have also devoted much time to giving health instruction to pre-natal cases and providing in-service training to national personnel and the organization of a clinic at Bahia. One fellowship was awarded under the WHO regular programme.

In
Operation
(51/52/53
/54)

Venereologist

Public Health Nurse
(Panama)

93. National Institute of Health

1953 Earmarkings \$38,100: Four experts and one fellowship

The Government in Ecuador has set up an Institute of Health, as part of its programme against communicable diseases, to function as a technical unit and to provide such fundamental requirements for the programme as the training of public health laboratory personnel, preparation of biological products, laboratory services and epidemiological studies of the actual situation of the country in relation to communicable diseases. The WHO expert has been assisting the Institute since 1952 in the orientation and training of national personnel, and the organization of laboratory services.

In
Operation
(52/53/54)

Viruses Specialist
(Italy)

94. Tuberculosis Control and Training Centre

1953 Earmarkings \$24,000: Three experts

The programme for the establishment of a tuberculosis teaching centre in Ecuador and general assistance to the Government in the amplification of all aspects of the tuberculosis control campaign was completed in the first part of 1953. This teaching centre was set up in a building specially constructed by the Government for this purpose, where nationals of Ecuador and a certain number of fellows from neighboring countries received training in tuberculosis control procedures.

Completed
(51/52/53)

Tissue Technician
(USA)

Medical Officer (Argentina)
Nurse (Chile)

EL SALVADOR - UNTAA PROGRAMME

95. General Economic Survey

1953 Earmarkings \$3,600: One expert

To complete the final report of the Comprehensive Mission which was sent in 1951 and 1952 to El Salvador by the UN and the Specialized Agencies,

Completed
(51/52/53)

Chief Economist (USA)

Status of Project	Experts on Assignment	Fellowships Awarded
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EL SALVADOR - UNTAA PROGRAMME (continued)

95. continued

the assignment of the Chief of mission was extended through the first three months of 1953. In addition to the General Economic Report, the final report includes the reports of the seventeen experts who participated in the Mission.

96. Statistics

1953 Earmarkings \$200: One expert

In January 1952, in collaboration with the Government the Comprehensive Mission undertook a sample survey of family income in El Salvador. This data was important for the planning of the programme in housing and in other fields. A consultant was engaged for a two-month period and completed his work in January 1953 in preparing the results for incorporation in the final report of the mission.

97. Highways

1953 Earmarkings \$11,000: Two experts

Upon the recommendation of the Comprehensive Mission, the Government requested the services of two experts - one for the planning of highways, the other for the operation and maintenance of road building equipment. However, due to lack of funds, UNTAA could only provide one expert in highway planning who is expected to take up his assignment in November 1953. He will assist the Government in preparing a five-year highway plan, including the opening of the southern coastal plain by a new system of roads. This project is closely related to the project of a United Nations Central American Transport Mission, which will prepare a plan for an integrated transportation system for the whole of Central America.

To be implemented
(53/54)

Completed
(52/53)

Family Income Survey
(USA)

EL SALVADOR - ILO PROGRAMME

98. General Labour Problems in the San Andres Valley

1953 Earmarkings \$11,200: Two experts

To assist the Government in its development programme in the San Andres Valley, ILO provided an expert in 1952 to develop handicraft industries and co-operatives. Due to lack of funds, the appointment of a second expert in the field of textiles has been postponed into 1954. The expert in

Partly completed
(51/52/
53/54)

Agricultural Labour
Inspector (France)

98. continued
 agricultural labour has completed the first stage of his assignment and has made detailed recommendations concerning regulations of living and working conditions of rural workers, and for the establishment of an inspection service to enforce the regulations.
99. Social Security, Actuarial Estimates
1953 Conditional Project \$4,700: One expert
 The Social Insurance Act of 1949 established the guiding principles by which the economically active population of El Salvador is covered for all contingencies. The ILO actuary who began his assignment in September 1953 is preparing actuarial estimates for the sickness insurance and employment injury insurance for the first stage of the implementation of the law; in addition, the expert is assisting the management of the Social Security Fund.

Actuary (Italy)

In
 Operation
 (53/54)

EL SALVADOR - FAO PROGRAMME

100. Crop Production
1953 Earmarkings \$4,000: One fellowship
 The provision of a fellowship in the field of sugar production to supplement a FAO expert's work in 1952, has been withdrawn from the 1953 programme.

Withdrawn

101. Animal Production
1953 Earmarkings \$6,800: One expert
 Continuing his work from 1952, the expert has assisted the Government during 1953 in the development of the dairy industry to build up a distribution system and increase supplies of hygienic milk to the towns. The expert assisted in carrying out cattle feeding experiments and in the establishment of an experimental station where suitable local products, such as cotton seed oil meal, are utilized. A scheme has been organized for milk recording in farms with a view to establishing a skimmed milk powder plant for fuller utilization of milk supplies.

Dairy Technician
 (Denmark)

In
 Operation
 (52/53/54)

102. Agricultural Economics
1953 Earmarkings \$6,100: One expert
 The expert has investigated factors which affect agricultural production in El Salvador such as land tenure and taxation systems, and has recommended

Agricultural
 Economist (USA)

In
 Operation
 (51/52/53/54)

EL SALVADOR - FAO PROGRAMME (continued)

Status of Project Experts on Assignment Fellowships Awarded

102. continued
1952 Comprehensive Mission and contributed an analysis of agriculture and an outline development plan to the report of the Mission. Under his regular assignment he has carried out a farm management survey of the government demonstration area where he has studied farm organization and techniques on eight hundred farms. From these studies the expert will recommend optimum farm sizes, improved systems of land tenure and techniques of crop and livestock production. In addition the expert is advising the Government on marketing problems and the collection of agricultural statistics.

EL SALVADOR - UNESCO PROGRAMME

103. Primary and Secondary Education

1953 Earmarkings \$11,400: One expert
The expert served with the Comprehensive Mission in 1952, and prepared a report on primary and secondary education. Some of the proposed reforms were carried out on an experimental basis during 1953. Due to a lack of elementary school teachers in the country, the expert has undertaken experiments in three rural schools on the so-called "Pluriclase" system, under which a teacher is able to teach various grades at the same time. This project received support from the Government as well as substantial financial contribution from private citizens in the community. Since the expert's experiment in rural education has met with the approval of the Government, an additional 120 rural schools are expected to be established in 1954.

In Operation (52/53/54) Educational Adviser (Italy) 4

104. Fundamental Education

1953 Earmarkings \$7,800: One expert
One expert in fundamental education and one literacy expert were sent by UNESCO in 1951 to advise the Ministry of Education and to work with WHO experts in the health education demonstration centre in the San Andres Valley. The fundamental education expert continued his assignment in 1953, and has organized a seminar to train a team of national specialists who will undertake a fundamental education project as approved by the Ministry of Education.

In Operation (51/52/53) Fundamental Education (Belgium) 4

EL SALVADOR - ICAO PROGRAMME (continued)

105. Civil Aviation

1953 Earmarkings \$16,900: Two experts

The experts have been working in El Salvador in close collaboration with the Ministries and have undertaken the following activities: A study of the national laws relating to civil aviation, formulation of a draft civil aviation law, a study of the existing facilities at the Ilopango International Airport. In addition, their services were also made available to other countries in the Central American region. The expert in aviation law has participated in conferences held by representatives of various Central American states to secure agreement on a uniform air law and he has also assisted at conferences convened to coordinate and integrate air transport activities in the area. The navigation expert has carried out similar work in his field and he is working in close cooperation with the Point IV experts in Panama.

In
Operation
(53/54)

Aviation Law
(Mexico)

Navigation Facilities
and Services (USA)

EL SALVADOR - WHO PROGRAMME

106. Health Demonstration Area

1953 Earmarkings \$94,425: Six experts and one fellowship

WHO has been conducting a demonstration programme since July 1951 in the San Andres Valley with the cooperation of other agencies. It covers environmental sanitation, maternal and child health, health education of the public, malaria, tuberculosis, venereal disease and other communicable diseases, dental hygiene, laboratory services, nutrition, general medical care and other related services. The project is serving to demonstrate methods and procedures and to provide training for professional and auxiliary personnel who will carry out similar activities in other areas of the country.

In
Operation
(51/52/53/54)

PH Administrator
(Peru)

Engineer (Colombia)

PH Nurse (UK)

PH Nurse (USA)

Statistician (Mexico)

Sanitarian (USA)

GUATEMALA - UNTAA PROGRAMME

107. Personnel Management

1953 Earmarkings \$8,200: One expert

The expert has been advising on the administrative reorganization of the Guatemala Institute of Social Security since May 1952. During 1953, he assisted in the preparation of the budget for the financial period 1953-1954; initiation and installation of a scheme to recover back contributions from employers; and preparation and implementation of a comprehensive plan of administrative organization of the Institute.

In
Operation
(52/53/54)

Public Administration
(Mexico)

GUATEMALA - ILO PROGRAMME

Status of Project	Experts on Assignment	Fellowships Awarded
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- | | | |
|---|--------------------------|--|
| 108. <u>Minimum Wage Regulation</u>
1953 Earmarkings \$4,000: Two fellowships
Two fellowships were to be awarded to enable two officials to continue the work of an expert who assisted during 1952 in the setting up of machinery to regulate minimum wages. However, due to lack of funds, this project has been indefinitely postponed. | To be implemented (52/-) | - |
| 109. <u>Internal Migration of Agricultural Labour</u>
1953 Earmarkings \$9,200: One expert and one fellowship
The expert who began his work in August 1952 has delineated the areas where migratory labour constitutes one of the principal problems, and prepared the necessary legislation for recruitment procedures, and in collaboration with the employment expert (see paragraph 110 below) has made plans for the establishment of a rural employment service to function as a part of the general employment service. His study of internal migratory agricultural workers took into account two main factors, namely, the ethnic composition of the country's population and seasonal employment. | In Operation (52/53/54) | Agricultural Labour (France) |
| 110. <u>Employment Service Organization</u>
1953 Earmarkings \$6,500: One expert
The expert has assisted in the establishment of an employment service, with particular reference to the setting up of an employment information programme and a model employment office. His final report is in preparation. | Completed (52/53) | Employment Service (USA) |
| 111. <u>Labour Statistics</u>
1953 Earmarkings \$3,400: One expert and one fellowship
A fellowship has been awarded to enable a Guatemalan official to carry on the work of a statistical expert who completed his six-month assignment in January 1953. The expert has organized a national survey of employment and wages on the basis of a sample of establishments. | Completed (52/53) | Labour Statistics (Chile) |
| 112. <u>Industrial Safety and Health</u>
1953 Earmarkings \$23,800: Two experts and two fellowships
The industrial safety expert has been engaged since September 1952 in advising the Social Security Institute in the preparation of legislation | In Operation (52/53) | Industrial Safety (Neth.)
Industrial Medicine (Argentina) |

GUATEMALA - ILO PROGRAMME (continued)

112. continued

on the prevention of accidents and in carrying out administrative and field work. It is expected that when the legislation which the expert has advised is approved, the inspection staff will be sufficiently trained to enforce it effectively. The industrial hygiene expert started his work with this Institute in November 1952, carrying out a series of studies concerning occupational diseases that occur in Guatemala, and formulating control measures. Awarding of two fellowships is postponed due to lack of funds.

113. Social Security

1953 Earmarkings \$4,900: Two experts and one fellowship

This project, to assist in the revision of the actuarial basis of the social security system and to advise on the extension of social security coverage, has had to be postponed into 1954.

To be implemented in 1954

114. Labour Inspection

1953 Conditional Project \$5,000: Two fellowships

Two fellowships in the field of labour administration and inspection were granted in 1953 for study in Puerto Rico. One additional fellowship to a social worker specialized in women labour conditions is expected to be awarded in 1954.

In Operation (53/54)

GUATEMALA - FAO PROGRAMME

115. Land and Water Use

1953 Earmarkings \$10,200: One expert

Guatemala is one of the most densely populated countries in Latin America, and the Government's plan for the expansion of agricultural production includes improvements in the existing land tenure system, for which legislation has already been passed. The land reform expert was engaged in appraising the existing agrarian structure and credit system, and advised on the implementation of this legislation. The report of this expert formed part of the material for the FAO Latin American Seminar on Land Problems held in 1953. (See para. 221)

Completed (52/53)

Land Reform (Uruguay)

Status of
ProjectExperts on
AssignmentCompleted
(52/53)Sugar Technologist
(UK)116. Crop Production1953 Earmarkings \$5,500: One expert

The sugar industry has recently undergone a serious decline, and the Government requested the services of a sugar technologist, who has carried out a survey of existing factories and has made recommendations for raising the competitive efficiency of the industry.

GUATEMALA - UNESCO PROGRAMME117. Education for Productivity1953 Earmarkings \$76,000: Seven experts and equipment

In a long-term programme to expand and improve technical education, the UNESCO team of five experts has been working in Guatemala since October 1951. The experts have submitted a national plan for industrial training to the Government. Other activities of the mission included; operation of the first Industrial Teacher Training Summer course in the country, improvement of training programme and shop layouts at Industrial Institute and other schools, preparation of 450 different job sheets and instruction sheets, training of industrial teachers and submission of a plan for financing the development of four additional industrial schools. Training equipment to the value of \$18,000 was provided by UNESCO during 1952/1953.

In
Operation
(51/52/53/54)

Technical Education
and Chief of Mission
(USA)

Machine Shop Practice
(UK)

Carpentry (USA)

Textiles (France)

Electricity (Bolivia)

GUATEMALA - WHO PROGRAMME118. Environmental Sanitation1953 Earmarkings \$13,000: One expert and one fellowship

Due to programme adjustments, this project has been transferred to the WHO Regular Programme. The organization provided a sanitary engineer, assisting in garbage disposal and fly control.

Transferred to
WHO Regular Pro-
gramme (53)

HAITI - UNTIA PROGRAMME119. Public Finance Administration1953 Earmarkings \$8,390: One expert

The expert who began his assignment in September 1952 has been assisting the Government in the organization of the Agricultural and Industrial Credit Bank of Haiti, and advising on the drafting of legislation in the field of cooperatives and in the establishment of local cooperatives.

In
Operation
(52/53/54)

Agricultural Credit
(Belgium)

HAITI - UNIVIA PROGRAMME (continued)

119. continued

After the ratification of this legislation, the expert is expected to assist in the establishment of a National Council of Cooperation to direct the cooperative movement in the country.

120. Small Industries

1953 Earmarkings \$11,320: One expert

The expert started his assignment in December 1952. He has been advising in the established of local industries, such as small fertilizer plants, water-power driven plants to serve rural communities, etc. The expert has established a certain number of pilot plants and has been training local teams in the various processes involved.

In
Operation
(52/53/54)

Small Industries
(USA)

121. Trade Promotion

1953 Earmarkings \$7,640: One expert

The expert on the operation of resort hotels is setting up a hotel management school, as part of a programme to develop tourist trade in the country.

In
Operation
(53)

Hotel Management
(France)

122. Statistics

1953 Earmarkings \$8,715: One expert

During 1953, the expert continued to assist in the organization of statistical services in Haiti, to train national statisticians and to advise officials of the National Institute of Statistics.

In
Operation
(50/51/52/53)

Statistician(France)

123. Public Administration Training Programme

1953 Earmarkings \$6,535: Three experts

Under the Regular Programme, an expert studied the practical possibilities of organizing a public administration training programme designed especially for the intermediate and lower levels of public service. Pending the Government's approval of his report, the appointment of three instructors, as envisaged under the expanded programme, has been postponed.

Completed
(53)

Public Administration
(Belgium)

124. Money and Banking

1953 Earmarkings \$3,340: One expert

The expert, who served under the Regular Programme during 1951/1952 and made, among others, proposals for a banking reform, returned to Haiti in March 1953 for a two-month assignment in the implementation of his recommendations.

Completed
(53)

Monetary and Banking
(USA)

HAITI - ILO PROGRAMME

125. Vocational Training

1953 Earmarkings \$33,500: Three experts and equipment

The expert has assisted the Government in establishing a National Institute of Technology in Port-au-Prince and advised on its programme. Two instructors in building trades and motor vehicle mechanics are expected to be appointed in November 1953. Equipment worth \$23,000 has been ordered and is expected to arrive in Haiti by November 1953.

126. Development of Cottage Industries

1953 Earmarkings \$35,700: Three experts and three fellowships

Three experts in pottery, sisal fibre and copal leaf, and leather tanning ended a six-month assignment in February 1953, during which they assisted in the development of new and improved handicrafts through practical demonstration in the Marbial Valley. At the end of this mission, they organized exhibitions to stimulate public interest. Cooperative organizations had also been organized amongst the students in order to improve the supply of raw materials and the marketing of products. Another expert in leathercraft now in the field is continuing the work performed by the former leathercraft expert.

127. Cooperatives

1953 Conditional Project \$10,200: One expert

One fellowship was granted in 1953. The provision of an expert to advise on the organization and development of the cooperative movement among workers in rural and urban areas has been postponed indefinitely.

HAITI - FAO PROGRAMME

128. Animal Production

1953 Earmarkings \$2,800: One expert

Government plans give high priority to the development of the livestock industry for increasing the supply of animal protein foods. At present there is no organized animal husbandry, the quality of the cattle is poor and considerable losses are suffered from disease. The expert is advising the Government on livestock management and fodder production, but, owing to the fragmentation of holdings, and the small number of cattle kept by individual farmers, problems of livestock improvement are considerable and involve extensive education in modern methods. As a result of extensive

Status of Project

In Operation
(52/53/54)

Vocational Training
(Peru)

In Operation
(52/53/54)

Handicraft (France) 1
Handicrafts (France)
Handicrafts (USA)
Handicrafts (Haiti)

In Operation
(53)

In Operation
(52/53/54)

Livestock (France) -

HAITI - FAO PROGRAMME

128. continued

surveys of the eastern areas, plans are being formulated for a co-operative dairy organization.

129. Agricultural Institution and Services
1953 Earmarkings \$15,300: Two experts

As a result of inadequate storage facilities, considerable damage is done annually to stored grain, and large losses occur. During 1952 an FAO construction specialist prepared three types of storage units built almost entirely from local materials. The work was followed by another expert during December 1952 - February 1953, who has examined the suitability of these three types of units, and has advised the Government on appropriate methods of insect and rodent control for protecting grain storage. The agricultural extension expert is at work on the Marbian project where he is training local personnel in soil conservation techniques to combat the serious erosion on the area. Practical conservation operations are being carried out by groups of farmers and students on selected farms under the expert's supervision. The expert is also concerned with the introduction and distribution of improved seeds and in organizing demonstrations in the project area to introduce cultivation of vegetables to supplement a diet consisting almost wholly of carbohydrates.

In
Operation
(52/53/54)

Crain Storage
(Canada.)
Agricultural Extension
(USA)

130. Fisheries Development

1953 Earmarkings \$15,700: Two experts

At the end of the first two years of the Government's fish culture plan in Haiti, twenty-one ponds have been completed with FAO assistance. Large quantities of young fry (tilapia and carp) are available for distribution to demonstration centres and private fish farms, and for stocking rice fields, canals, rivers and lakes. Fish culture in ponds will provide yields of 1,000 to 2,000 kilograms per hectare per year, thus making available important new supplies of protein in rural areas. The fish culture expert has been assisted by a fish nurseryman, who is in charge of the supervision of fish hatcheries and of the construction of ponds. Local training has been carried out, and two FAO fellows have now returned to work on the project after studying fish culture for some months in Indonesia, Brazil and Surinam.

In
Operation
(51/52/53/54)

Fish Culture (China) 1
Fish Nurseryman (Israel)

HAITI - FAO PROGRAMME (continued)

Status of Project	Experts on Assignment	Fellowships Awarded
In Operation (51/52/53/54)	Forester (Jamaica)	2

131. Forest Development

1953 Earmarkings \$12,376: Two experts

The expert has been at work since 1951 assisting in the reorganization of the forest service and the development of a forest policy. Haiti's 650,000 hectares of forest cover about one-quarter of the land area, as a result of population pressure and lack of protection they are rapidly disappearing and serious soil erosion has resulted. The new forest policy prepared by the expert has now been adopted by the Government and reorganization of the forestry and agricultural services is being carried out. Efforts are also being made to instruct the farming population in the importance of tree-planting and conservation. The Government has now requested him to concentrate his activities on the operations being carried out for the rehabilitation of the Artibonite Valley, and for the protection of the central plateau.

132. Nutrition

1953 Earmarkings \$7,510: One expert

The expert is collaborating with WHO in advising the Government on measures to improve the diet of the population with a view to controlling ill-health and diseases due to malnutrition.

In Nutrition

Operation
(53)

2

HAITI - UNESCO PROGRAMME133. Fundamental Education Training Centre

1953 Earmarkings \$50,300: Four experts and three fellowships

During 1953, the experts in fundamental education and in audio-visual aids working in collaboration with other experts provided by ILO, FAO and WHO, continued to assist in the organization and administration of a long-term fundamental education pilot project directed to economic and social development in the Marbial Valley, started under UNESCO's Regular Programme in 1948. Equipment to the value of \$9,000 is being provided.

In Fundamental Education
(France)

14

Operation
(48/49/50/
51/52/53)

Audio-visual aids
(Canada)

134. Technical Education

1953 Earmarkings \$3,700: One expert

The UNESCO technical education adviser completed his assignment in February 1953, and made recommendations on the improvement of industrial education and extension of rural vocational schools. He also worked closely with fundamental education experts in the Marbial Valley project (see para. 133 above).

Completed
(52/53)

Technical Education
(USA)

-

HONDURAS - UNITAL PROGRAMME

135. Cement Industry

1953 Earmarkings \$6,455: One expert

The expert began his work in August 1953 to advise the National Development Bank on the economic and financial feasibility of establishing a cement factory in Honduras. He has been studying the general economic conditions of the country, the consumption and distribution of cement and the existence of raw materials, the cost of erecting cement factories in several promising locations and the cost of production.

In
Operation
Cement Production
(Denmark)

HONDURAS - FAO PROGRAMME

136. Animal Disease Control

1953 Earmarkings \$19,500: Three experts and three fellowships

To develop a comprehensive programme for the protection of animal health, the veterinary adviser assisted in the organization of a central veterinary office, and a bacteriological laboratory. Two veterinary officers are supervising the work of various departmental offices who are regularly sending in samples, treating diseased animals and carrying out frontier control examinations. A border sanitary control has been established, and regular inspection of slaughterhouses is now carried out.

In
Operation
Veterinary Adviser
(Italy)
Bacteriologist (Italy)
Veterinarian (Switz.)

137. Agricultural Institutions

1953 Earmarkings \$8,000: One expert

Honduras is one of the five Latin American countries which have taken active measures to establish a supervised rural credit scheme to give assistance to small farmers. The FAO expert has assisted in the establishment of a credit scheme in six rural areas where agricultural credit offices have been established. In these zones more than 400 loans have already been made. The expert has taken active part in the organization of the credit offices and the training of national personnel. The Institute for Agricultural Credit, established and assisted by the expert, has now been under the direction of national staff. Following the initial success of the supervised credit programme, on the advice of the expert the Government and the National Bank are considering enlarging the scheme into an institute of rural welfare with branches for land problems, supervised credit and rural community organization. The expert completed his assignment in August 1953.

Completed
(51/52/53)
Agricultural Credit
and Chief of Mission
(Paraguay)

HONDURAS - FAO PROGRAMME - (continued)

Status of Project	Experts on Assignment	Fellowships Awarded
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138. Agricultural Economics1953 Earmarkings \$12,122: Two experts

Since the middle of 1950 Honduras has created two state banks, a central bank and a development bank to assist in its economic development. In view of the importance of agriculture, the Government requested an FAO agricultural economist to outline an appropriate agricultural programme. The expert prepared a comprehensive study containing detailed recommendations which have been officially accepted and whose implementation he is now supervising.

139. Forest Development1953 Earmarkings \$11,000: One expert

Some 64 percent of the total land area of Honduras consists of forests, the lower areas containing tropical hardwoods, while extensive pine forests occupy the higher ground. Following the work of an FAO forester in 1951, the second expert introduced new methods for improving the production of resin in 1952, and is now in the country surveying the present position of timber concessions and recommending measures for national exploitation of forests. He is working in closest cooperation with STIGA for the preparation of a sound forest policy and the establishment of a forest service. He also assists in the Central America Irrigation Scheme.

In Operation	Forester (Neth.)	-
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In Operation	(51/52/53/54)	-
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HONDURAS - WHO PROGRAMME140. Health Education1953 Earmarkings \$8,700: One expert

This project began in May 1952 and continued until April 1953. The expert assisted in organizing and developing a programme of health education. Some progress has been made in introducing health education methods into the rural schools of the country through the Ministry of Education, in cooperation with the Institute of Inter-American Affairs.

Completed	Health Education (USA)	-
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Completed	(52/53)	-
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JAMAICA - UNCTAD PROGRAMME141. Statistics1953 Earmarkings \$8,900: One expert

The expert appointed in August 1952 has been assisting the Jamaica Central Bureau of Statistics in collaboration with other Government Departments,

In Operation	General Statistics (USA)	-
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In Operation	(52/53/54)	-
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JAMAICA - UNTAA PROGRAMME (continued)

141. continued

in the collection, compilation, analysis and publication of statistical information relative to commercial, industrial, social, economic and general activities and condition of the people; and the organization of a coordinated scheme of social and economic statistics and intelligence pertaining to Jamaica and its dependencies. The Bureau has undertaken a number of sample surveys with the assistance of this expert.

142. Water Resources Development

1953 Earmarkings \$17,300: Six experts

During October 1952 - January 1953, a flood control expert made a survey of the principal rivers, particularly the Cobre River, and made

recommendations on measures to prevent flooding of adjacent and low coastal areas during the rainy season. The water and resources development consultant visited Jamaica during January 1953 and advised on a possible programme of multiple development in the Yallahs Valley and other areas. Arising out of the recommendations of these experts, UNTAA will send before the end of 1953 two experts for 2 weeks to prepare with the Jamaican authorities a final programme of work. One hydrogeologist and one hydrometeorologist are expected to be appointed in 1954.

JAMAICA - FAO PROGRAMME

143. Land and Water Use

1953 Earmarkings \$16,762: Three experts

FAO has provided two experts to advise on soil erosion and land use. The first expert, who completed his assignment in April 1953, spent the greater part of his time working with government extension officers, planning farms, advising on contour cultivation and demonstrating methods of terrace construction. The second expert has worked out systematic guides for using soil survey information now available. Preliminary work was done on field trips, using FAO aerial photographs, and training has been given to three members of the Agricultural Chemistry Division in the use of maps, aerial photographs and soil testing equipment. FAO obtained and made available 140 enlargements of aerial photographs taken in 1941-42, which have been of value to the soil surveyors, especially to the Yallahs Valley Authority.

Hydrology Consultant
(USA)

Flood Control (USA)

In
Operation
(52/53/54)

Soil Conservation (USA)

Soil Conservation (USA)

In
Operation
(52/53)

JAMAICA - FAC PROGRAMME (continued)

Status of Project Experts on Assignment Fellowships Awarded

In Operation Rice Production (USA) -

144. Crop Production
1953 Earmarkings \$16,875: Three experts
 In assisting the government's plan to establish rice production on a large scale, in order to reduce the islands dependence on food imports, the expert has been at work since 1952, advising on improved cultivation and mechanization and increased irrigation facilities. Following the expert's advice, several farmers have bought tractors and planned to harvest with combines. The expert also spent considerable time on rice drying and storage problems, as a result of which it is expected that the Government will purchase a drying unit for experimental use on seed. The Agricultural Development Corporation has begun the reclamation of one swamp area recommended by the expert, and one new market has now been set up by the same Corporation at a convenient point where producers can market their paddy shortly after harvesting. The appointment of an expert in pineapple growing has been postponed.

Completed Agricultural Credit (New Zealand) -

145. Agricultural Institutions and Services
1953 Earmarkings \$3,600: One expert
 Lack of adequate credit facilities has prevented a steady extension of agricultural production in many areas, and the FAC credit expert has completed his survey of the situation and has recommended improved credit systems for the primary producers of the country. Owing to frequent hurricane damage the lack of rural credit is particularly disastrous to farmers who consequently lack the means to restart cultivation and repair installations. The expert has been supported in his conclusions by the report of the International Bank commission.

Completed Bacteriologist (USA) -

146. Tuberculosis Control (in cooperation with UNICEF)
1953 Earmarkings \$7,900: One expert
 In order to complete the existing clinical and BCE work carried on in tuberculosis control in Jamaica, a bacteriologist was provided during the period from August 1952 to August 1953 for advising the health authorities on bacteriological diagnosis and case findings, and for training national personnel.

MEXICO - FAO PROGRAMME

147. Animal Production

1953 Earmarkings \$40,600: Four experts

Two experts in range management and one in animal husbandry have assisted the Government during 1953 in improvement of the livestock industry. Preliminary surveys have shown heavy over-grazing in many areas, and a plan has been accepted by the Government for the conservation and improvement of the resources of the State of Tlaxcala with a view to making it a pilot project. Sites have been allocated for irrigated and dry-land pastures and seeds are being provided to the value of \$4,000.

In
Operation
(52/53/54)

Animal Husbandry
(South Africa) 2
Range Management (USA)
Range Management (USA)

148. Forestry

1953 Earmarkings \$41,080: Six experts

A team of five forestry experts has assisted the Government's forestry administration and the technical and economic services of the Banco de Mexico in forest conservation and management, and in the organization of forest industries. In both temperate and tropical regions advice has been given on management and reforestation, and an expert has assisted in the protection of forests against insect infestation. For the development of forest industries in the northern pine forests, the experts organized "unidades forestales" in which rational exploitation is carried out with the maximum conservation of resources. Demonstrations of equipment have been carried out for these organizations. At the request of the Government the experts carried out preliminary research for forest industries and have provided special reports on particular projects such as railway sleepers and the production of tannin.

In
Operation
(51/52/53
/54)

Chief of Mission (UK) 1
Sawmill (Finland)
Forester (France)
Forestry Inventory (Canada)
Entomologist (Italy)

MEXICO - UNESCO PROGRAMME

149. Scientific and Technical Documentation Centre

1953 Earmarkings \$41,000: Four experts and equipment

During 1953, a director and three experts continued to administer the centre set up, with UNESCO assistance, under a project begun in 1951. This centre has become an effective agent in spreading information considered vital to the growth of scientific and technical knowledge in Mexico and also through Latin America region. Towards the end of 1953, the centre is going to be placed under the direction of trained national staff, and UNESCO's assistance in this project is expected to be completed by February 1954.

In
Operation
(51/52/53/54)

Director (Spain) 4
Photographic
Service (USA)
Bibliographical Service
(New Zealand)
Abstracting Service (Spain)

MEXICO - UNESCO PROGRAMME (continued)

Status of Project	Experts on Assignment	Fellowships Awarded
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150. Applied Science Research Institute (University of Mexico)
1953 Earmarkings \$35,600: Two experts and two fellowships
 Three experts in geophysics, hydrology and meteorology are expected to be assigned in late 1953 or early 1954. They will assist the Institute in collecting information on the arid zone regions of Mexico and start research on specific problems such as water development and climatological conditions related to agriculture, which might help to change some of the agricultural and other practices of the country, and also in other countries having the same climatic conditions. In addition, they will be engaged in training research workers.

Under Negotiation
 (53/54)

MEXICO - ICAC PROGRAMME

151. Civil Aviation
1953 Earmarkings \$100,000: Six experts, twenty-five study grants and equipment
 A director and five experts in the various branches of civil aviation assisted in the establishment of a civil aviation training centre designed to provide permanent facilities for students from Mexico and neighbouring countries. This centre began its full activities in May 1953. Over 140 students are now under training at the centre in the different fields of study for ground personnel. About 25 of the students are from Latin American countries outside Mexico. Equipment to the value of \$20,000 is being provided.

In Operation (53/54/)	Director of Centre and Civil Aviation Adviser	1
	Aircraft and engine Maintenance (USA)	
	Aircraft/engine maintenance (Costa Rica)	
	ATC Instructor (USA)	
	Aeronautical Communications (UK)	
	Radio Maintenance	

MEXICO - WHO PROGRAMME

152. Fundamental Education Training Centre
1953 Earmarkings \$22,900: Two experts and one fellowship
 Under this joint UNESCO-WHO project, the expert served in 1953 as adviser to the director in public health education matters at the Centre. He has directed the students in his charge at the centre in field work and initiated a programme of training additional students in public health, personal hygiene and the fundamentals of health education. He is also responsible for the supervision and demonstration work in health education for promoting an over-all programme of community development.

In Operation
 (52/53/54)

Public Health (Peru) 1

MEXICO - WHO PROGRAMME (continued)

153. Rabies Control

1953 Earmarkings \$13,775: One expert

Rabies constitutes a hazard to the majority of the population in Mexico and has hampered farming in some areas. The expert is assisting in the development and implementation of a national rabies control programme, which is of interest not only to Mexico, but to all neighbouring countries. Officials of the USA have cooperated with this programme and requested that active cooperation continue along the border area, with particular reference to wild-life control.

In Rabies Control
(Colombia)

Operation
(transferred to
WHO Regular Programme)
(52/53)

NICARAGUA - UNTAA PROGRAMME

154. Budget Administration

1953 Earmarkings \$9,170: One expert

The expert has just initiated his work to advise on the preparation, presentation and practical application of the budget, and to organize a budget office within the Ministry of Finance.

In Budget Administration
(UK)

Operation
(53/54)

155. Statistics

1953 Earmarkings \$6,300: One expert

The expert in Economic Statistics is advising the Ministry of Economy on the reorganization of the Nicaraguan Statistical System and National Statistical Office, including the preparation of appropriate legislation, the coordination of the work of the various statistical units of the government, the establishment of modern procedures for the statistical office, and the training of national staff. He would also prepare preliminary estimates of national income. This project is closely related to the operation of a Nicaraguan institute for the development of national production established in 1953.

In Economic statistics
(Argentina)

Operation
(53/54)

156. Public Administration Surveys

1953 Earmarkings \$3,800: One expert

This project calls for one expert to advise on the reorganization of the executive branch of the Government, with emphasis on the allocation of functions between departments.

Under Negotiation
(53)

NICARAGUA - UNTAA PROGRAMME (Cont'd.)157. Primary Metal Industries1953 Earmarkings \$3,800: One expert

The provision of an expert to advise on ways to improve the utilization of scrap metals for various industries has been withdrawn from the 1953 programme.

Status of Project

Withdrawn

Experts on Assignment

Fellowships Awarded

158. General Economic Survey1953 Earmarkings \$3,800: One expert

An expert in industrial development was appointed in November 1953 to advise on plans for the organization of an Institute for the Development of Production and on the first development programme to be prepared and executed by this new agency.

In Operation (53)

Industrial Development (U.K.)

159. Customs Administration1953 Conditional Project \$11,600: Two experts

In Operation (53/54)

Customs and Tariff Administration (Uruguay)

The expert has started the preliminary research to adapt the Nicaraguan tariff classification to that adopted as standard by a Committee of the five Central American Republics. He will assist in preparing a new set of tariff duties, in the administrative reform required by the Customs Bureau, in the management of the new system and, eventually, in cooperating in the outlining of policy on foreign trade.

NICARAGUA - FAO PROGRAMME160. Animal Production1953 Earmarkings \$11,100: One expert

A modern milk pasteurization plant has been erected at Managua, and UNICEF has been requested by the Government of Nicaragua to provide a further plant. The FAO expert is advising on improved management and utilization of feed resources and on production and supply of hygienic milk. Under the present methods of cattle management, it is reported that calf mortality is as high as 30 percent but, given sound livestock management, it is believed that production of milk could be increased by some 200 percent.

In Operation (53/54)

Dairy Husbandry (Australia)

161. Animal Disease Control1953 Earmarkings \$10,300: One expert

The expert is advising on slaughterhouse operation and techniques, and is also assisting in developing hygienic processing of livestock products.

In Operation (53)

Veterinarian (Denmark)

NICARAGUA - FAO PROGRAMME (continued)

162. Nutrition

1953 Earmarkings \$8,780: One expert and one fellowship.

A number of UN agencies have studied problems of nutrition in Nicaragua, and in 1950 UNICEF included the country in its school feeding programme. An FAO/WHO team which visited Nicaragua in 1950 reported widespread ill-health and disease resulting from protein deficiency amongst school children. The FAO nutrition expert is working in close collaboration with the Ministry of Health in carrying out a national campaign to improve the diet and to train local teachers and nurses in nutrition work.

In
Operation
(51/52/53)

Nutritionist (Argentina)

PANAMA - UNTAA PROGRAMME

163. Public Administration

1953 Earmarkings \$6,615: One expert

The provision of an expert to undertake a general study of the country's administrative structure and civil service regulations and to assist in a programme of administrative reorganization has been withdrawn from the 1953 programme.

Withdrawn

164. Tax Administration

1953 Earmarkings \$7,700: One expert

One of the recommendations made by the International Bank Mission which visited Panama early in 1952, was that the Government initiate a programme of fiscal reform as a first step towards the economic development of the country. At the Government's request, UNTAA assigned the expert in tax administration in July 1953, advising the Government on the improvement of the present system of administration and collection of internal revenue and on the development of a programme of reform of tax administration and collection.

In
Operation
(53/54)

Tax Administration
(France)

165. National Income Statistics

1953 Earmarkings \$6,700: One expert

Arising out of the recommendations of the International Monetary Fund's general survey, the Government requested an expert in national income statistics. UNTAA provided the expert during October 1952 - September 1953. He has assisted the Director-General of statistics in developing

Completed
(52/53)

National Income
Statistics (Neth.)

... .. procedure of obtaining data and classification, etc.

Experts on
Assignment

Status of
Project

Fellowships
Awarded

PANAMA - FAO PROGRAMME

166. Agricultural Institutions and Services

1953 Earmarkings \$3,571: 1 expert

This covers the supervisory cost of technical staff assigned to the FAO Headquarters Mission in South America.

In Operation
(53)

Technical
Supervisory
Staff

-

167. Agricultural Economics, Marketing and Statistics

1953 Earmarkings \$12,400: 1 expert

The expert is assisting the Office of Statistics of the Government of Panama in establishing improved methods for the regular collection of agricultural statistics. Sample surveys are being carried out and assistance given in the tabulation of census data resulting from Panama's first agricultural census taken in 1950.

In Operation
(52/53)

Agricultural
Statistics
(China)

-

168. Fisheries Development

1953 Earmarkings \$9,300: 1 expert

In order to ensure rational exploitation of fishery resources in the Gulf of Panama, the Government requested a fisheries biologist to undertake a biological survey of the stocks and to advise in the policy of their conservation. The expert has carried out field work during 1953 to tabulate the records of the shrimp industry and has collected data on the biology of the more important commercial species.

In Operation
(52/53/54)

Fisheries
Biology
(USA)

-

169. Animal Disease Control

1953 Earmarkings \$30,200: 2 experts

During 1953 two FAO Veterinarians stationed in Panama were employed on the Central American Foot and Mouth Disease protection project. The experts visited the various countries to advise on effective quarantine measures, discussed procedure in case of outbreaks with local personnel, and gave training in the use of equipment. The establishment of a Regional Commission for the control of FMD in this area was discussed at a meeting held in July 1953 in Mexico City, which was attended by representatives from Colombia, Costa Rica, El Salvador, Guatemala, Honduras, Mexico, Nicaragua and Panama, which considered documentation prepared by the FAO experts.

In Operation
(53/54)

Veterinarian
(Denmark)
Veterinarian
(USA)

-

PANAMA - UNESCO PROGRAMME

170. Primary Education

1953 Earmarkings \$12,050: 1 expert

The expert, appointed in 1951, has been advising the Ministry of Education on the development of audio-visual aids in primary schools and on the organization of educational broadcasting services. On the expert's advice, a Department of Audio-Visual Services within the Ministry of Education has been established. She is currently engaged in assisting the Department in the implementation of various detailed programmes.

In Operation
(51/52/53/54)
Audio-Visual
Aids (Chile)

PANAMA - WHO PROGRAMME

171. Rural Public Health Services

1953 Earmarkings \$64,380: 5 experts, 4 fellowships and equipment

Under this long-term project, which began in August 1952, a team of five public health experts are assisting in the re-organization and co-ordination of public health activities in selected rural areas. During 1953, the plan of operations has been completed. An economic-social and health survey in the Chorrera area was made and the same area was also studied with a view to organizing it as a model unit. X-Ray, laboratory and clinic equipment is being provided to the value of \$19,480.

In Operation
(52/53/54)
PH Officer (USA) 4
PH Engineer (Brazil)
X-Ray Technician (USA)
PH Nurse (USA)
PH Nurse

PARAGUAY - UNTAA PROGRAMME

172. Local and Municipal Administration

1953 Earmarkings \$10,900: 1 expert

The expert, appointed in November 1952, has been assisting the City Authority of Asunción in the organization of municipal administration. During 1953, he has prepared a draft organic law, rules and regulations for the Municipality of Asunción, which is now under consideration by the appropriate legislative bodies. Under the advice of the expert, a training course for municipal employees has been started. New administrative methods for revenue collection, as proposed by the expert, have been introduced, as well as a new system of personnel administration.

In Operation
(52/53/54)
Municipal
Administration
(Ecuador)

PARAGUAY - UNTAA PROGRAMME (Cont'd.)

173. Rural Community Organization
1953 Earmarkings \$7,240: 1 expert
 The expert completed his one year's assignment in August 1953, during which he advised the Government and the Institute of Agrarian Reform on the organization of rural communities, particularly in newly settled areas, and on the establishment of development projects for such areas.
174. Town Planning
1953 Earmarkings \$7,830: 1 expert
 The expert has made a survey of the growing city of Asunción and its surrounding area, and has drawn up a development plan covering such matters as the operation of public utilities and land use.
175. General Economic Surveys
1953 Earmarkings \$19,706: 1 expert and secretary
 The expert who had advised on public administration under the Regular Programme in 1952, served until August 1953 as economic adviser and Chief of the UN Mission, with a special function of advising the Planning Commission for Economic Development in the preparation of short and long-term programmes.
176. Statistics
1953 Earmarkings \$9,290: 1 expert
 The expert was appointed in April 1953 to assist the Ministry of Industry and Commerce in the improvement of industrial and commercial statistics, and to train national personnel in statistical methods.
177. General Economic Surveys
1953 Earmarkings \$9,798: 1 expert
 The expert on price control and rationing, appointed in January 1953, has advised on these goods and supplies which it would be expedient to ration and to place under price control, and has helped in the formulation of procedures and in training national personnel. In addition, he made studies on basic commodities and problems of distribution. During 1954 it is expected that he will be transferred to the project of Small Industries

Completed
(52/53)

Rural Community
Organization
(Neth.)

Completed
(52/53)

Town Planning
(Peru)

In Operation
(52/53/54)

Public Adminis-
tration (Mexico)
Secretary (USA)

In Operation
(53)

Statistician
(USA)

In Operation
(53)

Price Control
(USA)

PARAGUAY - UNTAA PROGRAMME (Cont'd.)

177. (see paragraph 179 below) to carry out a study of the needs and the potentials of the country for the development of cottage industries.

178. Repairs and Similar Industrial Services

1953 Earmarkings \$4,935: 1 expert

The provision of a foreman mechanic to assist in the organization and operation of the maintenance workshops for road building machinery has been withdrawn from the 1953 programme.

Withdrawn

179. Small Industries

1953 Earmarkings \$7,698: 1 expert

The expert, currently engaged in price study (see paragraph 177 above), is expected to be transferred to this project in 1954 for a study of measures to develop factory and cottage industries.

To be
Implemented
in 1954

180. Postal Administration

1953 Earmarkings \$7,160: 1 expert

The expert has just been appointed to assist the Government in the re-organization of the general Post Office Administration, and in training officials for key administrative positions within the Administration.

In Operation
(53/54) Postal Adminis-
tration (Colombia)

PARAGUAY - ILO PROGRAMME

181. Social Security Administration

1953 Earmarkings \$6,100: 1 expert

The expert has advised on the administrative organization of the Institute of Social Welfare, and on problems relating to the extension of social security to rural areas.

Completed
(52/53) Social Security
(Stateless)

182. Social Security (Actuarial and Statistical Services Organization)

1953 Earmarkings \$7,400: 1 expert

The actuary is carrying on the work of another expert who served in 1951-52. He is assisting in the revision of the actuarial estimates of the Paraguayan Social Security System, and in the organization of the actuarial and statistical services of the Institute of Social Welfare. He has worked in close co-operation with the expert noted in paragraph 181 above.

In Operation
(51/52/53) Actuary (Italy)

Status of Project Experts on Assignment Forest Policy (USA) Tropical Silviculture (Finland)

PARAGUAY - FAO PROGRAMME

183. Forest Development 1953 Earmarkings \$25,127: 3 experts Following an FAO Forestry Mission which visited Paraguay in 1951, two Forestry experts have advised the Government on forest policy and silviculture. At present some 60% of Paraguay is under forest, and with good management forest products can pay an increasing part in the country's economy. The forest areas of Paraguay are well located geographically to serve the most densely populated regions of South America in Brazil, Uruguay and the Argentine. A general survey of forestry conditions has been carried out, and the experts have assisted the Government in preparing a forest policy, in drafting legislation, and in the creation of a forestry administration. Advice has also been given on the development and modernization of forest industries. Under the auspices of the FAO expert, a lumberman's association was developed to enable forest industries to maintain direct contacts with government and banking officials.

184. Nutrition 1953 Earmarkings \$243: travel cost The above earmarkings represent a proportion of the travel costs of an FAO nutrition Mission to South America.

PARAGUAY - WHO PROGRAMME

185. Insect Control 1953 Earmarkings \$24,625: 2 experts and 2 fellowships A malarialogist and two sanitary inspectors are assisting in a campaign against malaria and yellow fever. The eradication of the local vector of yellow fever has nearly been accomplished, and a surveillance and maintenance programme is being carried on. A plan for the re-organization of the present anti Aedes Aegypti programme was prepared and approved by the Government. 95 of the 98 localities initially found to be positive were made negative. National personnel were trained to continue the work undertaken in the areas that are negative. UNICEF contributed \$50,000 for supplies for the campaign.

In Operation (51/52/53/54)

In Operation (52/53/54) Malarialogist (Brazil) Sanitary Inspector (Brazil) Sanitary Inspector (Brazil)

PARAGUAY -- WHO PROGRAMME (Cont'd.)

186. Tuberculosis Control
1953 Earmarkings \$48,500: 4 experts, 1 fellowship and equipment
A team of four experts is helping to organize a large-scale tuberculosis control campaign and is training local personnel to carry on the programme. The project involves the setting up of a rural control service, a home nurse visiting service, a service for diagnosis by bacteriology and a training programme, as well as the integration of tuberculosis control with other public health programmes. The experts are preparing a project for re-organization of the Department of Tuberculosis. X-ray and laboratory equipment's being supplied to the value of \$15,000.

In Operation
(52/53/54)

Medical Officer
(Argentina)
Bacteriologist
(Ecuador)
PH Nurse (Chile)
X-Ray Technician
(USA)

1

187. Maternal and Child Health (Asunción-Villarrica)
1953 Earmarkings \$17,000: 2 experts
This team of two experts has been assisting in the organization of maternal and child health clinics in existing and proposed health centres. During 1953, the experts have given technical and administrative supervision to the Villarrica Health Centre and participated in the seminar for Directors of centres and doctors. The course of theory and practice in public health nursing for midwives was concluded. UNICEF has approved \$25,000 for supplies and equipment.

In Operation
(transferred
to WHO Regular
Programme)
(51/52/53)

Medical Officer
(Uruguay)
PH Nurse (USA)

-

188. Venereal Disease Control (Asunción-Villarrica)
1953 Earmarkings \$34,650: 3 experts and supplies
A team of three experts is training local personnel in connection with the carrying out of a nation-wide venereal disease control programme. Work in the urban and rural areas of Itapicará was completed early 1953. A seminar on venereal disease control was organized for doctors. Antibiotics, syringes and certain other supplies are being provided to the value of \$8,450 during 1953.

In Operation
(51/52/53/54)

Venereologist
(Costa Rica)
PH Nurse (Colombia)
Serologist

-

189. Hookworm and Smallpox Control
1953 Earmarkings \$70,300: 5 experts and equipment
A team of five experts has been assisting in the development of a campaign against hookworm and helping to conduct a smallpox vaccination programme. During 1953, training of national personnel continued. The house survey programme and the programme of construction and repairing

In Operation
(51/52/53/54)

PH Adviser (Chile)
Health Educator (Chile)
Sanitary Engineer (Peru)
Sanitary Inspector (Chile)

-

Status of
ProjectExperts on
AssignmentFellowships
AwardedPARAGUAY - WHO PROGRAMME (Cont'd.)

189. of latrines was started in February 1953. Treatment with tetrachloroethylene was initiated in the experimental area to determine the efficacy of the drug and the number of treatments required. Simultaneously, a plan of anti-smallpox vaccination was prepared. Equipment and supplies are being provided to the value of \$29,000 in 1953.

190. Assistance to School of Medicine

1953 Earmarkings \$18,200: 1 expert and 2 fellowships

The expert was appointed in January 1953 to advise on the development of a Department of Hygiene and Preventive Medicine. He is training technical staff and assisting in the preparation of lectures and field demonstrations. A course in entomology was in preparation. The supply of teaching aids, books and periodicals to the value of \$4,500 is being provided.

In Operation Professor of
(53) PH and Preventive
(Transferred Medicine (Spain)
to WHO Regular
Programme).

PERU - UNTAA PROGRAMME

191. General Economic Surveys*

1953 Earmarkings \$8,500: 1 expert

The Province of Cuzco suffered heavily in the earthquake of 1950 and an exploratory mission of the UNTAA, sent at that time to advise on reconstruction of the city, put forward a programme for the economic development of the entire province. The expert in economic and administrative planning has assisted the Board of Reconstruction and Industrial Development in the preparation of a plan of economic development and in the co-ordination of its activities with other Government agencies in this area. He has also made, at the Government's request, a survey of the economic development of the Department of Piura in northern Peru.

In Operation Economic and
(51/52/53/54) Administrative
Planning (France)
Agricultural
Economics (Costa
Rica)

The agricultural economist is advising on the agricultural development of Cuzco, and is finalizing various projects which the Junta intends to implement, particularly, the drainage of the Anta Pampa, the setting up of a frigorifico and a project for the cultivation and processing of quinoa, a high altitude cereal with high protein which could become a valuable resource for Cuzco both for local consumption and for export.

* Project relating to the General Economic and Social Development of Cuzco Province.

PERU - UNTAA PROGRAMME (Cont'd.)

192. Hydro-Electric Power*

1953 Earmarkings \$20,300: 2 experts

The Experts have undertaken a survey of the present and future demand for electric power in the Department of Cuzco, Peru. Their final report includes the selection of a site for a proposed hydro-electric plant, and contains an analysis of production and distribution costs and capital required for the building of the plant and the distribution system. The Junta de Reconstrucción y Fomento Industrial del Cuzco is now taking the necessary steps to implement this project.

Partly
Completed
(52/53)

Hydraulic
Engineer (France)
Hydraulic
Engineer (France)

193. Building Industry*

1953 Earmarkings \$8,900: 1 expert

A cement factory is an immediate necessity for the Cuzco Province to meet the increasing demand for reconstruction and development. An expert, appointed in April 1952, has been making studies of the disposition of materials, cost of production, transportation, and markets of cement in this region. He is expected to design a cement factory and supervise its construction.

In Operation
(52/53)
Cement Pro-
duction (USA)

194. Food Processing Industry*

1953 Earmarkings \$10,700: 1 expert

The provision of an expert to advise on the modernization and expansion of the com processing industry has been withdrawn from the 1953 programme.

Withdrawn

195. Manufacturing Development*

1953 Earmarkings \$6,000: One expert

This project calls for one expert to study the agricultural and industrial resources of the Cuzco Province and to assist in the manufacture of fertilizer.

To be
Implemented
(53)

* Project relating to the General Economic and Social Development of Cuzco Province.

Status of Project

In Operation (51/52/53)

Employment Services (USA)

Experts on Assignment

-

Fellowships Awarded

PERU - ILO PROGRAMME

196. Employment Service Organization 1953 Earmarkings \$13,000: 1 expert

An expert in employment service organization who had advised in this field in Peru during 1951-52 was re-appointed in July 1952 and has made an industrial labour survey of the Lima Callao region, and is assisting in the development of a national employment service by the establishment of one or more model employment offices. A simple occupational classification, based on the ILO international classification structure, was established and a complete job survey was carried out in various industries. Gradually, several companies became interested and started projects of job description, analysis and classification work in their own plants.

PERU - FAO PROGRAMME

197. Joint Mission*

1953 Earmarkings \$3,600: 1 expert

Two experts were assigned to the joint UN/FAO mission in assisting the newly-established Board for the Reconstruction and Industrial Development of Cuzco. The agricultural economist has recommended a system of supervised credit for indigenous communities whose cooperative traditions lend themselves particularly to such a scheme. At a meeting of the Cuzco Stock Raising Society the expert succeeded in forming two committees--one to enlist farmers' support for a drainage scheme in the Pampa and the other to study milk production in the Cuzco area and to explore the possibilities of setting up a milk processing plant offered to Peru by UNICEF. The expert has also outlined a project for an institute for research into agriculture at high altitudes in view of the world wide importance of such studies. He completed his FAO's work in June 1953, and was then engaged by the UNTAA for further assignment (see paragraph 191).

The agricultural adviser also forms part of the joint ILO/FAO Andean Indian Mission, which is described under Regional Projects (see paragraph 216).

* Project relating to the General Economic and Social Development of Cuzco Province.

In Operation (52/53)

Agricultural Economics (Costa Rica)

Agricultural Adviser (Switzerland)

PERU - UNESCO PROGRAMME

198. Primary and Secondary Education

1953 Earmarkings \$22,250: 1 expert and equipment

The Mission started its work in July 1951, with a specialist in educational planning and geography who was sent out to head both projects. For the past two years the expert has been working in close collaboration with the Ministry of Public Instruction, and during 1953, he presented to the Government a plan for the reform of secondary education and teacher training. He assisted, at the same time, in the re-organization of the new Central Normal School. Equipment for technical education and teaching of geography to the total value of \$20,000 is being provided in 1953 and 1954.

In Operation
(51/52/53/54)
Educational
Planning and
Administration
(Portugal)

6

199. Science Teaching (Central Normal School)

1953 Earmarkings \$44,200: 3 experts, 2 fellowships and equipment

Two specialists in physics and chemistry were sent to Peru in September 1951 and January 1952, respectively, and since that time have assisted in expanding and improving the training of science teachers at the Central Normal School and the Polytechnic Institute as well as in the high schools. A specialist in mathematics joined the team in August 1953. Laboratory equipment and books to the value of \$8,000 were provided during 1953.

In Operation
(51/52/53/54)
Professors (3):
Chemistry (Spain)
Physics (France)
Mathematics (Spain)

4

PERU - WHO PROGRAMME

200. Health Education of the Public (ICA Health Centre)

1953 Earmarkings \$7,000: 1 expert

The anthropologist is assisting the ICA Health Department, which serves a rural agricultural area, in the studies of local customs and social structures as they affect health practices, and thereby assisting health personnel to adapt their activities to the conditions of the area and to carry out their programmes to the maximum effectiveness. During 1953, the expert interviewed villagers, midwives and the rural Hygiene Visitors of the Servicio Sanitario, revised the household sanitary survey forms, and administered medical questionnaires. His work resulted in better understanding and easier acceptance of various health programmes by the public.

In Operation
(transferred to
WHO Regular Pro-
gramme) (52/53)
Anthropologist
(USA)

-

201. Assistance to Medical Records Libraries
1953 Earmarkings \$6,400: 1 expert

Completed
(transferred)

to WHO Regular
Programme
(51/52/53)

The expert has organized and developed a training course for personnel of the records departments of hospitals, social security services and the Ministry of public health, with a view to securing reliable statistical data for the diagnosis and treatment of patients and for a study of the diseases of the population as a whole. During 1953, courses in medical science, neurosurgery service classification, medical dictation and languages were given. The one year training programme for medical records librarians was completed in May with 10 graduates.

202. Insect Control
1953 Earmarkings \$9,815: 1 expert

In Operation
(52/53)

Medical Officer
(Brazil)

The expert appointed in December 1952 is assisting in an insect control programme which aims, inter alia, at the control of malaria in Peru's coastal region, the eradication of the yellow fever carrier and the training of personnel. A plan for re-organization of the Viscerotomy Service was submitted to the Government. UNICEF is providing the bulk of the funds needed for the purchase of supplies and equipment.

203. Maternal and Child Health Services
1953 Earmarkings \$33,200: 4 experts and 1 fellowship

In Operation
(52/53/54)

MCH, Adviser
(USA)

Laboratory (USA)
Nurse Educator (USA)

This project is implemented jointly by the WHO and UNICEF and the effort has been to give assistance in 10 coastal and 7 mountainous districts of Peru. MCH activities are being integrated into the general public health services in three adjacent areas which are administered at the local level. In the Lima-Pativilca area major emphasis is on MCH activities while in the Ica and Callao areas the project is on a long-term basis with MCH activities forming a part of the developing general health services. UNICEF has provided equipment and supplies while the WHO experts assist the national director of the project and work with the counterpart staff.

PERU - WHO PROGRAMME (Cont'd.)

204. Public Health Demonstration and Training Centre
1953 Earmarkings \$38,775: 3 experts and 4 fellowships
The experts are assisting in the setting up of a demonstration and training centre in the Province of Callao, comprising environmental sanitation, maternal and child health, and the control of communicable diseases. During 1953, an Advisory Committee for the general programme was formed of members of the community with the representatives of the WHO and UNICEF as ex-officio members. Plans have been made for the re-organization of the anti-venereal dispensary, preventive medicine centre and the school health group. In addition, a veterinary consultant from the WHO regional office assisted in planning a programme for the control of a rabies epidemic in Callao. UNICEF has provided funds for supplies and equipment for this project.

205. Tuberculosis Laboratory Diagnosis

1953 Earmarkings \$3,200: 1 expert

The expert has assisted in organizing a central bacteriological service for the diagnosis of tuberculosis, with equipment provided by UNICEF.

URUGUAY - FAO PROGRAMME

206. Fisheries Development

1953 Earmarkings \$34,900: 3 experts

This project calls for a team composed of a fisheries biologist, a fishery products technologist and a commercial and administrative consultant, to study the nature and extent of fish stocks, the need and scope for experimental work to demonstrate how such stocks should be exploited, and the most suitable governmental administration and commercial organization to undertake this exploitation.

207. Animal Husbandry and Veterinary Science

1953 Earmarkings \$16,000: 4 fellowships

The FAO/International Bank Mission to Uruguay in 1951 recommended improvement in permanent grass land, control of animal disease, improvement of animal husbandry, etc. FAO is to provide 4 fellowships in animal husbandry and veterinary science.

In Operation
(52/53/54)

PH Adviser
(Colombia)

PH Nurse (USA)

Completed
(52/53)

Bacteriologist
(Argentina)

Under
Negotiation

To be
Implemented (53)

Status of Project Experts on Assignment Fellowships Awarded

In Operation Director of Centre (Spain) (53/54)

URUGUAY - UNESCO PROGRAMME

208. Scientific Documentation Centre

1953 Earmarkings \$21,800: 2 experts and 1 fellowship
The expert appointed in October 1953 is serving as the Director of the Bibliographical Centre of the National Library, in establishing scientific and technical documentation services. This centre will serve various branches of the Government, educational institutes, industries and commerce. Another expert in documentation is expected to be assigned in 1954.

VENEZUELA - UNCTA PROGRAMME

209. Housing

1953 Earmarkings \$6,000: 1 expert

This project calls for an expert to assist the UNESCO Fundamental Education Centre in Palo Negro (see paragraph 213) in carrying out a study of the housing situations, as part of a general study of economic and social conditions in the area and to give practical training in the improvement of housing conditions.

VENEZUELA - ILO PROGRAMME

210. Employment Services

1953 Earmarkings \$2,500: 1 fellowship

One fellowship was awarded to an official of the Ministry of Labour for the study of employment services in Canada.

211. Social Security Legislation

1953 Earmarkings \$2,400: 1 expert

Following an ILO Mission in 1951, the expert has carried out two short assignments in 1953, and has advised on the extension and improvement of social security legislation and its implementation.

212. Manpower Survey

1953 Conditional Programme \$13,200: 3 experts

This team of 3 experts started their assignments in October 1953. The broad objectives of the mission will be (1) to assess the manpower resources in terms of quantity, quality and location; (2) to determine what is required in the way of organization, mobility and training of

To be Implemented (53)

Completed (53)

Completed (51/-/53)

In Operation (53/54)

Social Security (Czech.)

Employment Services (USA)

Vocational Training (Chile)
Migration (France)

VENEZUELA - ILO PROGRAMME (Cont'd.)

212. national manpower and recruitment of foreign manpower to meet the country's needs for social and economic development; (3) to assist the Government to establish specific plans, with necessary priorities, for a co-ordinated practical manpower programme growing out of analysis of the above points; and (4) to suggest specific measures needed to carry out each part of the planned programme.

VENEZUELA - UNESCO PROGRAMME

213. Fundamental Education Centre, Palo Negro
1953 Earmarkings \$14,200: 2 experts

Following a visit of an educational adviser in June 1952, a programme has been drawn up to assist a fundamental education centre in Palo Negro designed to raise the standard of living through rural and community development. The centre has received help from the Rural Welfare Council of the Rockefeller Foundation in the field of home economics. An expert in fundamental education will be provided by UNESCO in late 1953 or early 1954 to assist in transforming what is at present a demonstration project into a training centre, and in the production of educational material.

To Be
Implemented in
1954
(52/-/54)

VENEZUELA - WHO PROGRAMME

214. Health Demonstration Area
1953 Earmarkings \$2,500: 1 expert

A short-term consultant has completed a survey mission in connection with a long-term programme of assistance to establish a health demonstration centre in the rural agricultural Tuy Valley. The plans for operation are being developed. A team of 5 public health experts is expected to be appointed in 1954 to implement this project.

First Phase
Completed
(53/54)

PH Consultant

In Operation
(53/54)

REGIONAL - INTER-AGENCY PROGRAMME

215. Economic Integration of the Central American Countries
Participating Organizations: ECLA, UNTAA, ILO, FAO, UNESCO,
ICAO, WHO

With the collaboration of a Working Party composed of one representative each from ECLA, UNTAA and FAO, the Committee of the Ministers of Economy on Economic Cooperation in Central America (Costa Rica, Guatemala, Honduras, Nicaragua and El Salvador) submitted a comprehensive request to the Technical Assistance Board in January 1953 for technical assistance for the development of economic integration and reciprocity in this region. Each of the five governments contributed the sum of \$5,000 toward the local costs (per diem and local travel of the experts) of the 1953 programmes.

UNTAA-1953 Earmarkings \$62,200: 11 experts
During 1953, an industrial economist was assigned to coordinate the assistance being rendered by the UNTAA in the industrial field. Three experts in electric power were appointed for 4-months starting October 1953 to advise on the development of electric power resources. Under its regular programme, UNTAA also provided 3 experts to prepare a programme for a regional Institute of Technological Research. The agency has also cooperated with the FAO in providing experts to assist in the pulp and paper industries as well as the wood products industry, and to advise on agricultural economy in the region. Other experts in textiles, vegetable fats and oils, and transportation are expected to be assigned in 1954.

ILO/UNESCO-Regular Programme

The mission on Technical Training in Industry and Management began its work in Central America in August 1953 after having studied the material available in Mexico. The mission, composed of one ILO expert in vocational training and one UNESCO specialist in technical education, has already visited Costa Rica, Guatemala, Honduras, Nicaragua and El Salvador. At the end of their survey, the experts will prepare a report on the development of technical education and vocational training in this region.

Industrial economist
(UK)
Project officer (HQ Staff)
Electric Power Mission:
Electricity distribution
(France)
Thermo-electricity (France)
Hydro-electricity (France)
Technological Institute Mission
(UNTAA Regular Programme):
Mission Member (Mexico)
Mission Member (Canada)
Mission Member (France)

Technical Training
Mission:
Vocational Training,
ILO (Peru)
Technical Education,
UNESCO (Chile)

REGIONAL - INTER-AGENCY PROGRAMME (Cont'd.)

215. FAO-Regular Programme

The FAO/UNTAA Forestry Mission began its work in Central America in July 1953. The mission, composed of three experts in the fields of forest conservation, forest industries and pulp and paper, is expected to complete its survey and submit a report by the end of 1953.

The FAO Mission on livestock and dairy products started its work in Central America in November 1953 to study present conditions in meat and milk production and make recommendations for greater development.

Forestry Mission:
Forester (Neth.)
Forest Industry
(Finland)
Pulp and Paper
(Finland)

215 A. Central American Advanced School of Public Administration

UNTAA-1953 Earmarkings \$3,500: 1 expert

A preliminary survey was made for the establishment of a Central American Advanced School of Public Administration in Costa Rica and a detailed programme and curriculum was drawn up with the assistance of an expert recruited under the UNTAA Regular Programme. The report was submitted to the Second Meeting of the Ministers of Economy. At present the Director-designate of the School and an administrative assistant are in Costa Rica preparing for its opening in 1954.

Director
(Venezuela)
Administrative
Assistant (USA)

In Operation
(53/54)

215 B. Central American Transport and Seminar

Participating Organizations: ECLA, UNTAA, ICAO

The report of the survey team and seminar was presented to the Second Meeting of the Committee of Ministers of Economy of Central America, which was held in San Jose, Costa Rica, in October. The Committee approved the report, considering it a basic document for transport development in the region. It contains specific recommendations for improving transportation, some related to national considerations only and others to integration of national systems with each other, and includes a large and detailed programme for a Central American road network.

UNTAA-1953 Earmarkings \$25,450: 8 experts, study grants and contractual services

In addition to the experts, UNTAA paid for some expenses of the Seminar participants and costs of the production of reports.

(Roads Consultant (USA)
(Coastal Shipping (Mexico)
(Economic Affairs (Belgium)
(Chief of Mission (Uruguay)
(Transport Economist (UK)
(Inland Waterways (Mexico)
(Roads (Peru)

Completed
(52/53)

Status of
Project

Experts on
Assignment

Fellowships
Awarded

REGIONAL - INTER-AGENCY PROGRAMME (Cont'd.)

215 B. ICAO-1953 Earmarkings \$8,200: 1 expert

ICAO provided this project with one air transport consultant

Air Transport
Consultant

216. Joint Field Mission on Indigenous Population

Participating Organizations: ILO, UNTAA*, FAO*, UNESCO, WHO*, OAS In Operation
Following the recommendations of an inter-agency team which visited (52/53/54)
the Andean Highlands in 1952, a regional programme has been set up
under the direction of ILO to promote the economic and social
integration of the indigenous populations of the Andean Highlands
into their respective national communities based on localized pro-
jects in Bolivia, Ecuador, and Peru, with the Regional Field Office
in Lima.

ILO-1953 Earmarkings \$42,800: 10 experts

Efforts are being directed in the first instance to getting two pro-
jects under way immediately. One of these, known as the Puno-
Tambopata project in Peru, calls for a study of the spontaneous
migration of the indigenous population of the Puno area towards
Arequipa and the coast, and a survey of the possibilities of directing
this migration to the Valley of Tambopata, where the Government has
set aside for this purpose approximately 17,000 hectares of agri-
cultural land. The other project, in Bolivia, envisages the transfer
of a number of Aymara Indians from the Jesus de Machaca area, at the
southern tip of Lake Titicaca, to more favorable land at Tiahuanaco,
where the Government has offered agricultural property for a re-
habilitation scheme.

Regional Field
Office Director
(Bolivia)
Labour Resources
(New Zealand)
Administrative
Officer (Peru)
Secretary (UK)
Project Officer
(ILO HQs Staff)

UNTAA-1953 Earmarkings \$19,800: 3 experts

UNTAA is expected to provide 3 experts in social welfare and anthro-
pology during 1954 as well as financial contribution toward the costs of
the Regional Field Office.

*Chief of Survey
Mission (New Zealand)
*Indigenous Population
(Ecuador)
*Indigenous Population (UK)
Indigenous Labour (Bolivia)

* Four UNTAA experts, an agricultural adviser (Switzerland) from FAO and one WHO expert (Mexico), all assigned to
the 1952 Survey Mission, completed their work early in 1953.

Fundamental
Education (Ecuador)

REGIONAL - INTER-AGENCY PROGRAMME (Cont'd.)

216. UNESCO--1953 Earmarkings \$12,800: 1 expert

This UNESCO expert, a member of the 1952 Andean Highland Survey Mission, has undertaken further studies in Ecuador, during part of 1953. He proceeded to Bolivia in September in order to survey the educational possibilities of the different communities of the Highlands. He will then be assigned to serve as adviser to the Minister of Education, and will finally join the inter-agency team in November. Progress has been made to establish an Audio-Visual Centre in Lima.

217. Regional Seminar on Rural Welfare

Participating Agencies: UNTIA, ILO, FAO, WHO

Sponsored jointly by UNTIA, and the Government of Brazil, in co-operation with several Brazilian organizations, this Seminar was attended by more than a hundred representatives of 17 Latin American countries. It was held for three weeks in January and February 1953, at the National Rural University, Rio de Janeiro. It provided an opportunity for the evaluation of existing technical resources and professional knowledge of rural community services in Latin America, and for the drawing up of practical plans of action to improve existing services. Instruction was given in community organization for rural welfare, the role of government and private organizations in rural welfare programmes and the need for effective personnel at both government and community levels.

UNTIA--1953 Earmarkings \$30,149: 8 experts and travel expenses for participants

In addition to the experts, UNTIA paid for the travel expenses of some 14 participants.

ILO--1953 Earmarkings \$4,000: 2 experts

ILO made available 2 lecturers on rural welfare problems

Completed
(53)

Director (Brazil) --
Assistant to Director
(Brazil)
Social Welfare (Togoland)
Social Welfare (Egypt)
Social Affairs Officer
(Argentina)
Programme Officer (UK)
Community Development (Cuba)
Community Development
(Colombia)

Rural Welfare (Brazil)
Rural Welfare (USA)

REGIONAL - INTER-AGENCY PROGRAMMES (Cont'd.)

217. FAO--1953 Earmarkings \$2,900: 2 experts
FAO participated in this project by making available one lecturer on agricultural aspects of rural welfare.

218. Regional Fundamental Education Training and Production Centre--
(CREFAL) Patzcuaro, Mexico In Operation
(51/52/53/54)

Participating Organizations: UNESCO, UNTAA, ILO, FAO, WHO, OAS
This centre is jointly sponsored by UNESCO, UNTAA, ILO, FAO, WHO, OAS and the Organization of American States, and receives contributions from each of these sources. In addition to the fund allotted under the Expanded Programme. It has continued in 1953 the work begun in 1951 in fulfillment of its dual task of training leaders and producing teaching materials for fundamental education. The first class of 46 students from 9 Latin American countries, graduated in November 1952, will be followed in 1953 by a second graduation of 63 students from 12 countries. The third class of 55 students, admitted in 1953, brings this total current enrollment to 118. Workshop training is concerned not merely with techniques of producing educational material but with the design and use of material suitable for fundamental education. Material produced at the centre is now being tested in practical use with a view to the distribution of samples over a wide area of Latin America and other regions.

UNESCO--1953 Earmarkings \$185,000: 10 experts, 110 study grants and equipment
In addition to the experts, UNESCO is providing maintenance grants for 110 trainees and books and audio-visual equipment.

UNTAA--1953 Earmarkings \$17,100: 2 experts
During 1953, the expert in community development has been advising on community works through self-help methods and training national personnel. The expert in village planning and rural housing has been surveying existing housing conditions, drawing up an action programme for village improvement and training the inhabitants in the use of low-cost local building material.

- (Audio-Visual (France) -
- (Prod.Branch (Uruguay)
- (Asst. Librarian (USA)
- (Training Branch (Colombia)
- (Fundamental Education
- ((Chile)
- (Librarian (USA)
- (Audio-Visual (USA)
- (Programme Officer (USA)
- (Programme Officer
- (Programme Officer
- (Community Development -
- ((Colombia)
- (Housing and Town
- (Planning (Peru)

REGIONAL - INTER-AGENCY PROGRAMMES (Cont'd.)

218. ILO--1953 Earmarkings \$29,400: 3 experts

Following the work of a rural handicrafts expert in 1952, ILO provided 2 experts for this centre during 1953. The expert in textile handicrafts surveyed existing local conditions, assisted in establishing a number of smithies, carpenter's sheds, weaving workshops and embroidery schools, introduced weaving and dyeing techniques and participated in co-operative courses and seminars on general education. The ceramics expert introduced new production methods, engaged in designing and constructing of furnaces and potters wheels, and set up a pottery workshop at Tzintzuntzan. As a result of the work performed by these experts, handicraft units have been opened in several communities of the area.

FAO--1953 Earmarkings \$31,731: 4 experts

FAO participated in this centre by provision of 4 experts in 1953. The agricultural extension experts were concerned with the soil conservation aspects of the agricultural development and animal husbandry. The co-operative expert has participated in this training, and has assisted in the establishment of a consumers' co-operative on the Island of Yumen on the initiative of the inhabitants. Considerable practical work has been carried out in 20 surrounding villages, including the building of sports fields, the improvement of roads and the installation of telephone systems. The home economics training programme includes lectures and demonstrations in nutrition, family feeding, child care and training, elementary nursing and hygiene, home improvements, garment making and home crafts. In addition, students work under the supervision of the FAO home economics expert in conducting community demonstrations of kitchen gardening, canning, the use of soya flour and other local products, and the construction of simple improved stoves. Articles on these home economics programmes are written for use in local and national newspapers and magazines.

219. Expert Working Group on the Iron and Steel Industry in Latin America

Participating Organizations: UNTAA, ECLA

UNTAA--1953 Earmarkings \$5,500: Production cost of Final Report

In October 1952, a meeting of experts from 7 Latin American Countries, Belgium, Canada, France, Western Germany, Norway, Sweden, Switzerland, the United Kingdom and the United States on problems of the iron and steel industry was held in Bogotá under the joint auspices of the Government of Colombia, the UNTAA and the Secretariat of ECLA. The discussions and background papers of this meeting

Textile Handi-

crafts (Czech./France)

Ceramics Handicrafts

(Germany)

Cooperative

Consultant (USA)

Home Economic (USA)

Agricultural

Extension (USA)

Agricultural

Extension (USA)

In Operation
(52/53/54)

219. were considered by the participants to be of exceptionally high technical value, and it is very important for the future development of the industry in under-developed countries that a report of the meeting containing abstracts of these papers be made available to other technicians and economists working in the same field. The printing of a Spanish and English version of this report is to be completed in 1954.

220. Inter-American Centre of Biostatistics
Participating Organizations: WHO, UNTAA
The aim of this long-term project jointly sponsored by UNTAA, WHO and the Government of Chile in co-operation with various other international bodies, is to improve vital and health statistics in the countries in order to obtain a better knowledge of their health and need as a basis for the planning of health and economic programmes. The first course started in March 1953.

In Operation
(52/53/54)

WHO—1953 Earmarkings \$61,000: 8 experts and study grants
The WHO assistant coordinator continued his assignment in 1953. In addition, the Agency provided the services of 2 short-term consultants and visiting lecturers from WHO offices.

Assistant Co-ordinator (USA)
Statistician (Chile)
Consultant (USA)

9

UNTAA—1953 Earmarkings \$38,600: 4 experts and equipment
UNTAA provided, in 1953, 2 experts in addition to equipment and supplies.

Coordinator (Chile)
Vital Statistics (USA)

221. Latin American Seminar on Land Problems
Participating Organizations: FAO, ECLA, ILO, OAS, IBRD
This seminar was organized in response to the requests of various Latin American countries and following a resolution of the Sixth Session of the FAO Conference. Sponsored jointly by FAO and the Brazilian Government, in co-operation with the UN Economic Commission for Latin America, the Organization of American States and the International Bank, the seminar ran for approximately 5 weeks during May and June 1953, in Sao Paulo, Brazil. Forty representatives were sent by 12 governments. Discussions were held on the principal land problems of Latin America—land utilization, land tenure, land policies and the building of a stable agrarian structure.

Completed
(53)

REGIONAL - INTER-AGENCY PROGRAMMES (Cont'd.)

221. FAO--1953 Earmarkings \$85,900: 12 experts and 60 study grants
FAO provided one director and 10 expert/instructors.

Instructor (USA)	Director (Brazil)
Instructor (USA)	Agricultural Officer (El Salvador)
Instructor (Chile)	Land Tenure (Italy)
Instructor (Uruguay)	Land Reform (Mexico)
Lecturer (Chile)	Instructor (Mexico)
	Instructor (USA)

ILO--1953 Earmarkings \$1,100: 1 expert
ILO provided an expert for one month.

REGIONAL - UNTAA PROGRAMME (Also see Inter-Agency programmes, paras. 215 to 221)

222. Inter-American Seminar on National Income Research
1953 Earmarkings \$210: Travel expenses of 1 expert

A regional seminar in national income research was held in Santiago in December 1952-January 1953 under the joint auspices of the Government of Chile, the Pan-American Union and the Inter-American Statistical Institute. One UNTAA lecturer detailed from HQs participated.

Agricultural Labour (Panama)	
Statistician (Neth.)	

REGIONAL - ILO PROGRAMME (Also see Inter-Agency programme paras. 215 to 221)
223. Regional Instructor's Training Centre

1953 Earmarkings \$67,900: 1 expert, 25 study grants and equip. In Operation
As part of its contribution to the Expanded Programme of Technical (52/53/54)

Assistance, the Brazilian Government offered to provide certain training services to other countries through SENAI (National Industrial Apprenticeship Service), which is maintained by Brazilian industry and entrusted by law with the systematic development of apprenticeship training. During 1953, 24 vocational training instructors from 14 different Latin-American countries outside Brazil have enrolled at the SENAI school. The training programmes were developed with the assistance of ILO experts as described in para. 18 above.

Liaison Officer (Puerto Rico)

REGIONAL - ILO PROGRAMME (Cont'd.)

224. Regional Directors' Training Centre

1953 Earmarkings \$87,600: 3 experts and 25 study grants

Twenty-five directors and administrators of vocational schools and training programmes from 15 Latin American countries are meeting in Brazil to study the coordination and workability of vocational training plans and policies and compare different approaches to the subject, with particular reference to the experience in Europe, the United States and Latin America. The course is organized under the joint auspices of ILO and SENAI. An advisory Council (composed of representatives from SENAI, ILO, TAB, Ministries of Labour and Education, Brazilian-American Committee for Industrial Education and Institute of Inter-American Affairs) has been set up to advise the Director (SENAI) and Deputy Director (ILO) of this Centre.

225. Regional Seminar for Social Security Actuaries

1953 Earmarkings \$23,200: 7 experts and 20 study grants

A seminar for actuaries from the social security institutions of various Latin American countries was to be held in Montevideo in the fall of 1953. However, due to programme adjustment, this project has not, thus far, been implemented.

REGIONAL - FAO PROGRAMME (See also Inter-agency programme, paras. 215 to 221)

226. Institute of Nutrition for Central America and Panama (INCAP),

Guatemala

1953 Earmarkings \$12,800: 1 expert and 5 fellowships

The Institute of Nutrition for Central America and Panama was set up in 1949 as a cooperative enterprise by the Governments of Costa Rica, El Salvador, Guatemala, Honduras and Panama and the Pan-American Sanitary Bureau. The services of an FAO nutrition officer were made available from January 1950 to July 1951, and a second officer was appointed from August 1951 to October 1952, when certain laboratory equipment and supplies were provided. The second FAO specialist was mainly concerned with dietary surveys and analyzed, in collaboration with an INCAP nutritionist, the nutrient content of institutional menus prepared for a study of the growth ~~of~~ ^{of} ~~infants~~ ^{infants} ~~of~~ ^{of} ~~protein~~ ^{protein} ~~and~~ ^{and} ~~vitamins~~ ^{vitamins}. ~~her~~ ^{her} ~~assignment~~ ^{assignment} she assisted in the organization of courses and in the training of INCAP

Status of Project

Experts on Assignment	Fellowships Awarded
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In Operation (53/54)	25
Deputy Director (France)	
Vocational Training (France)	
Vocational Training (USA)	

To be Implemented (53)

Nutrition (USA) 12

REGIONAL - FAO PROGRAMME (Cont'd.)

226. students. The expert also worked in Costa Rica, analyzing the data of a cooperative dietary survey carried out in 1950 by IWCAP and the Inter-American Institute of Agricultural Science. The appointment of a nutrition educator, as contemplated in the 1953 programme has been postponed.

227. Caribbean Commission--Agricultural Development

1953 Earmarkings \$8,200: One expert
The provision of an agricultural economist to advise the Central Secretariat of the Commission on the development of agricultural projects and to study the organization of markets in the territories of the Commission is postponed into 1954.

To be Implemented
in 1954

227 A. Caribbean Commission--Home Economics

1953 Earmarkings \$6,000: One expert
In following up FAO's assistance during 1950/51/52, the Caribbean Commission wishes to give increased emphasis to this field of education throughout the territories of the area and to the development of Home Economics Education and Extension through existing schools and institutes. An FAO expert will serve as the associate director for a training course (see para. 225B below) for Home Economics teachers and family welfare workers which is to be held in Puerto Rico in the latter part of 1953, and will remain in the area for an additional period to assist the students of the course in developing programmes in their own countries as well as initiating Home Economics Education and Extension programmes throughout the area.

To be Implemented
(53/54)

227 B. Caribbean Commission--Training Centre on Home Economics

1953 Earmarkings \$18,000: 1 expert, 1 secretary and 20 fellowships
Arising out of a conference on home economics jointly held in 1952 by FAO and the Commission, a training centre for home economics teachers and family welfare workers is being organized. FAO provided this centre with one expert and a secretary.

In Operation
(53)
Associate Director
(Sweden)
Secretary (USA)

Experts on
Assignment

Status of
Project

REGIONAL - FAO PROGRAMME (Cont'd.)
Central American Locust Control
1953 Earmarkings \$11,000: 1 expert

In Operation
(51/52/53/54)

Entomologist
(Spain)
Entomologist
(Greece)

The International Committee for Locust Control, composed of technical representatives from Costa Rica, El Salvador, Guatemala, Honduras, Mexico and Nicaragua was established in 1949. FAO has been appointed permanent technical adviser to the Committee and an FAO entomologist has been working in the region since March 1951. As a result of his work, preventive action can now be taken. Research was undertaken to recognize and define the various phases of the most important migratory species in the region and he will extend his work in defining minor gregarization areas, testing insecticides and advising on preventive control work undertaken by the Committee or individual Governments.

229. Regional Training Centre—Agricultural Extensions

1953 Earmarkings \$19,777: 5 experts and 21 study grants

Completed
(53/54)

Director (Peru)
Administrative
Assistant (Peru)

18

This centre was organized by FAO in cooperation with the Government of Peru, through SCIPA (Servicio Co-operativo Inter-Americano de Producción de Alimentos)—an agricultural development programme sponsored jointly by the Government of Peru and the United States over the last ten years. The Organization of American States (OAS) also gave assistance. The centre was attended by 18 extension workers from 5 Andean countries (Bolivia, Chile, Colombia, Paraguay and Peru), and ran for 12 weeks from 15 May to 8 August 1953. Preparatory training was given for 2 weeks in the principles of agricultural extension, with emphasis on method. Eight weeks were then spent in the field where each trainee was attached to an experienced SCIPA agricultural extension agent. A similar training centre for additional participants from the Andean region is expected to be held in 1954.

230. Regional Training Centre—Production and Distribution of Milk

1953 Earmarkings \$25,000: 7 experts and 50 study grants

Completed
(53)

Assistant Director
(Australia)
Lecturer (UK)
Lecturer (Denmark)
Lecturer (Australia)
Lecturer (Czech.)

UNICEF has 8 projects in Central America aiming at the provision for the population of adequate quantities of hygienic milk. This objective cannot be reached unless milk production is expanded and farm workers are trained to handle the collection and processing of milk efficiently. With this end in view, FAO, in cooperation with

REGIONAL - FAC PROGRAMME (Cont'd.)

230. the Government and with UNICEF, organized a regional training centre on milk production, distribution and utilization in Costa Rica, in August 1953. In conjunction with this project, a seminar was also held on school feeding.

231. Latin American Fisheries Training Centre
1953 Earmarkings \$12,000: 3 Fellowships
This training centre was held at Valparaiso, Chile, from January to March 1952, and was attended by 43 trainees representing the Governments of 7 countries. Lecturers were given on oceanography, fish biology, marine and fresh water fisheries management, fisheries economics, statistics and administration, and techniques of capture and utilization; field trips were made to local fishing villages, to processing plants and by trawler. Three fellowships in this field are being awarded during 1953. A second Centre is expected to be held in Mexico for participants from Mexico, the Central American countries and the Caribbean area in 1954.

232. Argentina Training Course in Pasture and Range Management
1953 Earmarkings \$20,000: 5 experts and supplies
This course, to be run cooperatively with the Inter-American Institute for Agriculture, will provide training for the participants from Argentina, Brazil, Chile, Paraguay and Uruguay, on improvements that can be made and in the most economical manner both in flat-humid regions and in rough watershed lands and dry pastures.

233. Purchase of Grass-Seed in Argentina
1953 Earmarkings \$20,000: Purchase of Grass-seed
FAO is purchasing quality pasture and range grass-seed from Argentina for use in connection with projects already under way in British Guiana, Chile, El Salvador and Mexico.

To be Implemented
(52/53/54)

To be Implemented
(53)

In Operation
(53)

REGIONAL - WHO PROGRAMME (See also Inter-Agency programme, paras. 215 to 221)

Experts on
Assignment

Status of
Project

In Operation
(50/51/52/53/54)

Fellowships
Awarded

Medical Officer
(Argentina)
Sanitarian (Brazil)
Sanitarian (Brazil)

In Operation
(50/51/52/53/54)

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234. Insect Control—Central America and Panama
1953 Earmarkings \$70,810: 5 experts and equipment
A coordinated insect control programme for this area was begun in 1950 under the WHO Regular Programme. It was designed to combat malaria and other insect-borne diseases and prevent the re-introduction of yellow fever. During 1953, a revised plan of operations was developed and individual surveys of the various countries (British Honduras, El Salvador, Honduras and Nicaragua) operations were undertaken. In addition to the supplies and equipment provided by UNICEF, WHO is supplying insecticides, sprayers and vehicles to the value of \$34,650 during 1953.

235. Insect Control—Caribbean Region

1953 Earmarkings \$58,000: 6 experts, 2 fellowships and equipment
The WHO team composed of one technical adviser and 4 sanitarians is assisting in conducting a long-term coordinated insect control programme for the Caribbean area. The UNICEF is a party to the agreements with Jamaica, Grenada, St. Lucia and Surinam and has provided supplies and equipment. During the first part of 1953, Aedes aegypti surveys were carried out in Grenada, Carriacou and Petit Martinique. Training of local staff has continued and anti-larval measures against Aedes aegypti in St. Georges, Grenada were initiated early in the year. The WHO experts also completed surveys which show Bermuda and Grand Cayman to be free of Aedes aegypti. A total of 17 short-term fellowships were awarded for study in the region.

In Operation
(52/53/54)

Medical Officer
(Greece)
3 Sanitarians (UK)
Sanitarian (USA)
Insect Control Adviser
(Puerto Rico)

17

236. Waterworks Training Course

1953 Earmarkings \$17,000: 2 experts and 25 study grants
This project was transferred to and implemented under the WHO Regular Programme. The Agency organized a training course which aimed at provided technical training in public health aspects of food waterworks operation for a group of water plant workers from Central America, Panama and British Honduras. Seventeen trainees attended the first course, which was completed in September 1953.

In Operation
(transferred to
WHO Regular Programme)
(53)

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REGIONAL - WHO PROGRAMME (Cont'd.)

237. Veneral Disease Laboratory and Training Centre

1953 Earmarkings \$14,600: 1 expert and 10 fellowships

The Laboratory serologist appointed in 1952 worked on this project until February 1953. He concluded a trip through Central America and Panama in December 1952 and discussed with the PASB VD consultant in Guatemala the work accomplished in setting up serology evaluation surveys in the countries visited. Results of the Panama and Nicaragua serology evaluation surveys were received. Survey serums were prepared for 10 laboratories in Guatemala. After the departure of this expert in February a revised plan of operations is being considered.

Serologist

In Operation
(transferred to
WHO Regular
Programme)
(52/53)

238. Public Health Administration

1953 Earmarkings \$43,365: 5 experts

WHO appointed 5 regional advisers in 1953 to assist the various Latin American countries in developing health programmes and coordinating technical assistance activities in this field.

In Operation
(53)

5 Regional Advisers

239. Alcoholism Seminar

1953 Earmarkings \$21,650: 2 experts and study grants

This seminar was conducted in Buenos Aires in May 1953 with 24 participants. It dealt with the problem of industrial accidents and occupational health relating to alcoholism in several Latin American countries.

Completed
(53)

Medical Consultant
(USA)
Medical Consultant
(Denmark)

24