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THE DMFAS PROGRAMME

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1. INTRODUCTION

UNCTAD has become, through the DMFAS programme, the major provider of technical cooperation and advisory services in the area of debt management. Since the release of its computer-based debt management system DMFAS 5.0 in 1994, the DMFAS programme has experienced steady growth in demand for the system and related services. At present, approximately 60 countries are collaborating with the programme. Over the last five years, the client base has more than doubled. The importance of the programme is further highlighted by the fact that the public and publicly guaranteed (PPG) long-term debt outstanding and disbursed (DOD) being managed by the DMFAS installations at the end of 1999 amounted to $488 billion and represented more than 30 per cent of the DOD of all developing countries and economies in transition.

The present annual report reviews the activities undertaken by the DMFAS programme in the year 2000. Several events have had significant repercussions on the future outlook of the programme.

UNCTAD X, which took place in Bangkok in February 2000, reconfirmed the importance of technical cooperation as one of the three main functions of UNCTAD together with the secretariat's policy analysis and the work of the intergovernmental machinery. The effectiveness and relevance of UNCTAD's technical cooperation depends on its integration and complementarity with the two other functions. The full realization of effective inter-relationships among the three basic functions of UNCTAD requires greater efforts in the area of technical cooperation. It is also generally accepted that UNCTAD should improve mechanisms for the financial sustainability of certain technical cooperation programmes including the DMFAS programme.

Against the above background, in May 2000, the Development Finance Branch and the DMFAS programme have been merged into a single branch called the Debt and Development Finance Branch, thereby integrating into a single entity the analytical and operational activities of UNCTAD's work on debt. This is a logical and welcome development, as Paris Club activities have been the catalyst for conceiving the DMFAS software in the early 1980s when it became evident that developing countries were lacking an effective debt recording system. The full implications of this integration on the overall work programme and corresponding resource requirements for the new branch are being elaborated further.

At the end of 2000, following a recommendation of the Trade and Development Board, the Secretary-General of UNCTAD established an advisory group for the DMFAS programme. This group is composed of technical representatives of interested member States, including existing and potential donors and beneficiaries, and the UNCTAD secretariat. It advises the Secretary-General on a range of issues affecting the programmes, including options for ensuring their financial sustainability. The first meeting of the DMFAS Advisory Group took place in Geneva on 16 November 2000. At this meeting, the establishment of a DMFAS Trust Fund for the funding of the central activities of the programme over the period 2002–2005 was discussed.

Finally, in December 2000, the United Nations General Assembly, in its resolution on the external debt problem of developing countries (A/RES/55/184) stressed the need to strengthen the institutional capacity of developing countries in debt management. It also called upon the international community to support the efforts toward this end and, in this regard, stressed the importance of initiatives such as the Debt Management and Financial Analysis System (DMFAS) and the debt management capacity-building programme.

2.   DMFAS PROJECT IMPLEMENTATION

Growing number of user countries/institutions

An overview of the status of country projects and their implementation is provided in Table 1. At the end of March 2001, the DMFAS system was installed in fifty-two countries. While six countries are still using the older version 4.1Plus, during 2001 all of these are expected to convert to the latest version. Versions 5.0/5.1/5.2 are presently installed in 60 institutions in 46 countries. Follow-up projects have been finalized or are being prepared for many of the above countries in order to undertake further activities related to the implementation of DMFAS and capacity building for debt management.

Negotiations and project preparations are under way in order to start country projects and to install the system in at least ten new countries, thereby bringing the total number of DMFAS countries to more than sixty. During 2000 and the beginning of 2001, new country/territory projects have been finalized and/or signed for Chad ($99,700), Colombia ($696,113), Gabon ($250,000), Madagascar ($187,455), Mongolia ($469,700), Palestine Authority ($262,618) and Turkmenistan ($215,112). Follow-up country project have been signed or are under negotiation for a large number of DMFAS user countries including Bangladesh ($206,142), Bolivia ($271,539), Burundi ($68,000), Central African Republic ($102,679), Panama ($232,980), Togo ($150,000), Venezuela ($89,250) and Viet Nam ($1,454,906).

Status of country projects and DMFAS implementation

Table 2 provides an overview of the operational status of the DMFAS system in the countries concerned. At the end of 2000, the system was installed and operational in forty-three countries. Of the remaining nine countries, seven were experiencing difficulties (institutional, personnel and/or technical problems) and two had decided to proceed with the development and implementation of their own system.

Within the framework of country projects, installation, training and implementation (e.g. establishment of debt database) of DMFAS is provided by consultants and/or central staff through missions of one to three weeks. In addition, in some projects advisors are fielded for longer periods to provide continued on-site support. During the year 2000, 119 missions to 39 countries have been undertaken by central staff and consultants (see Table 3).

Scope of country project activities

It should be emphasized that DMFAS country projects, in addition to the installation and training in the system, may involve a wide range of activities geared toward the effective use of the system, the building of the database and the establishment of adequate information flows. This includes advisory services related to institutional and organizational matters, study tours and participation in regional and international training seminars.

Another important activity of DMFAS country projects is the integration with other financial administration systems. This has so far been taking place mainly in Latin America. DMFAS user countries building integrated systems are Argentina, Bolivia, Ecuador, El Salvador, Guatemala, Honduras, Lithuania, Nicaragua, Panama, Paraguay and Venezuela. Of these, Argentina completed the development of the integrated system of which DMFAS now is an integral part. The role of the DMFAS programme focuses mainly on providing advisory services to the national teams in the form

of workshops and technical assistance in building the link. This ensures that the maintenance capacity is built and maintained within the country and the future maintenance is thus assured.

It is expected that country projects will increasingly include advisory activities in debt analysis and strategy (with the use of the Debt Sustainability Module or DSM+), as well as in debt rescheduling and conversion such as, for example, assistance in the Paris Club. In addition, in response to demand, new areas of activities will include risk management, domestic debt management and accessing capital markets.

Promotion and collaboration with regional support centres

Wherever possible, the DMFAS programme promotes and participates in regional or sub-regional projects in support of its country activities and seeks collaboration and partnerships with existing regional organizations that wish to support the efforts of their member countries in the area of debt management. An important example is the on-going collaboration with the Macro-economic and Financial Management Institute of Eastern and Southern Africa (MEFMI), which regroups nine countries of this region.

A similar regional initiative for Francophone Africa has recently been launched by the Banque Centrale des Etats d'Afrique de l'Ouest (BCEAO) and the Banque des Etats d'Afrique Centrale. The DMFAS programme is establishing a joint work progamme and will closely collaborate with the activities foreseen in the debt management component of this initiative. An important issue in this respect is the funding for joint activities. Another regional activity is being envisaged in collaboration with the Economic and Social Commission for Western Asia (ESCWA).

3. SYSTEM SUPPORT, MAINTENANCE AND DEVELOPMENT

Emphasis during 2000 rested on three key areas:
- Support, maintenance and distribution of the new version of the DMFAS;
- Capacity-building for DMFAS technical support;
- Development of critical enhancements to the DMFAS.

Support, maintenance and distribution of the new version

Since the release of version 5.2 in early 2000, a major task has been the support, maintenance and distribution of that version.

During 2000, the programme provided comprehensive support on functional and technical matters to beneficiary countries using the new system. The programme's Helpdesk function systematically received, recorded and processed all requests for assistance from users with the aim of solving the reported problems in a timely manner.

With respect to maintenance, as with all software systems, the new version 5.2 required comprehensive maintenance in order to correct, adapt and perfect it. Accordingly, the programme's IT support concentrated on responding rapidly to reports from beneficiaries concerning the functioning of the new version, preparing and distributing updates where necessary.

Regarding distribution, as the new version satisfies many urgent and critical user needs, it is important to ensure that beneficiaries can upgrade as soon as possible. To this end, the IT (Information Technology) team conducted a systematic upgrade programme, converting existing data

to the format of version 5.2 and installing the software of the version. These activities include assistance to the remaining users of version 4.1Plus to migrate to version 5.

Capacity-building for DMFAS technical support

With the objective of improving the capacity of technical support staff in beneficiary countries to support the local DMFAS, the programme organized training activities for IT staff of beneficiary institutions. The main focus was on organizing workshops for the transfer of technical information and expertise in areas critical to providing technical support for the DMFAS, including installing the system, system maintenance, database administration, network maintenance and data sharing. A major component of this training was related to capacity-building for local technical staff on the changes to the structure of the database for version 5.2 and the implications for local modules such as links to integrated financial management systems.

Development of critical enhancements to the DMFAS

In the area of systems development, activities concentrate on enhancing DMFAS in response to the critical needs of beneficiary countries, notably in the area of reporting. In this context, a significant improvement to version 5.2 was the adition of the possibility to export debt statistics effectively and efficiently to Excel, thus improving the ability of the beneficiary country to provide reports in customized formats and to export data to other systems such as accounting and budget systems.

4.   CAPACITY-BUILDING IN DEBT ANALYSIS AND DSM+ ACTIVITIES

In October 1998, UNCTAD concluded a partnership agreement with the World Bank and the Commonwealth Secretariat for the purpose of providing countries that are DMFAS users with an analytical tool for the development of debt strategies and the preparation of debt sustainability analysis. As a result, the DMFAS programme has integrated the Debt Sustainability Module (DSM+) with DMFAS. This link provides the interface to export data from the DMFAS to the DSM+ and thus directly access debt information, avoiding the need to manually re-enter debt data into the DSM+.

The strategy for the dissemination of the DSM+ is an important component of the capacity-building efforts of the DMFAS programme. In making the analytical tool available within the organizational structure responsible for debt management, the DMFAS programme is supporting the improvement and development of new skills. It also promotes the participation of other units, within the institutions responsible for debt management, in the formulation of debt strategies.

The dissemination of the DSM+ is being carried out in coordination with the installation of DMFAS 5.2. The DMFAS-DSM+ integration provides the possibility of using information from the DMFAS database for the preparation of debt sensitivity analysis and more comprehensive debt-balance of payments financing gap analysis.

The capacity-building for debt analysis requires a mix of activities and resources to be delivered through interregional, regional and country projects.

At present, the central activities in Geneva are funded by the UN Development Account. This project became operational on the 1st of February 2000. An international consultant was hired to coordinate and support the delivery of the following main activities, which include the following:

- Further development and maintenance of the DSM+, in close collaboration with the World Bank;
- Design of training curriculum and preparation of training material for DSM+;
- Translation of DSM+ and supporting documentation/training material in French and Spanish.

The consultant participated in the presentation of the features of DSM+ on the Second Inter-Regional Debt Management Conference, that was held in Geneva on April 2000. During the year, workshops and training on DSM+ were organized in El Salvador, Romania and Bolivia.

A training curriculum for the implementation of capacity-building in countries has been prepared. It includes two programmes, according to the type of activity being organized. The first includes seminars, which present a shorter demonstration of the DSM+ features; and the second includes workshops, with a more comprehensive training in the use of DSM+.

The following information and training material was prepared for DSM+ dissemination:
- "Evaluation of the Debt Sustainability Model (DSM+)";
- "Strategy for the Dissemination of the DSM+ and Training Programme";
- DMFAS/DSM+ User Guide: "Exporting Data from DMFAS to DSM+";
- Debt Profile Review (PowerPoint presentation, English and Spanish);
- Debt Strategy Planning (PowerPoint presentation, English and Spanish);
- DSM+ demonstration (PowerPoint presentation, English and Spanish);
- Exporting Data from DMFAS to DSM+ (English and Spanish);
- DSM+ User Guide (being revised, English version);
- DSM+ Training Guide (being revised, English version);
- Development of a Debt Strategy and Debt Sustainability Analysis (case study, draft in English version).

The translation of the front-end screens and reports of the DSM+ will be undertaken in the near future. Some of the training material has been already translated into Spanish. However, the manuals still need to be translated into French and Spanish.

At the end of March 2001, DSM+ was installed in 34 countries (together with DMFAS 5.2). The requests for training are being evaluated and take into account the availability of funding in the DMFAS country budgets. Implementation thus requires coordination with the installation of DMFAS 5.2. It takes into account the following activities:

- Installation and training of DSM+ on DMFAS sites in close coordination with country and regional projects;
- Assist analysts and debt managers, in debt offices in developing countries, in the effective use of the specialized software;
- Strengthen basic debt management skills before debt strategy formulation and development of debt scenarios is undertaken;
- Enhance the ability of analysts and debt managers to effectively contribute to the decision-making process with regard to the management of the external liabilities;
- Increase the awareness of policy makers in developing countries and countries with economies in transition with regard to the links between debt strategy and macro-economic policy-making.

The 4th DSM+ Partnership Meeting was organized by the World Bank in Washington, DC, in September 2000 and was attended by representatives of the Commonwealth Secretariat, UNCTAD

and the World Bank. The Steering Group felt that this meeting represented a milestone in the partnership since significant achievements have been made in moving the DSM+ programme forward. The next meeting of the Steering Group will be held in Geneva in the second half of 2001.

5. TRAINING

The work to improve the training component of the DMFAS programme's services continued throughout 2000. Concrete results of this work include, among other things, the bi-annual inter-regional debt conference in Geneva and the development of a structured training programme in debt management. This programme will continue to be implemented in cooperation with UNDP, UNITAR, regional development banks and other interested institutions. In addition, the DMFAS programme continues to contribute actively to events organized by other capacity-building institutions, such as the Macro-Economic and Financial Management Institute (MEFMI) and the West African Institute for Financial and Economic Management (WAIFEM). A new initiative is also forthcoming in Francophone West Africa.

The main event in the area of training in the year 2000 was UNCTAD's second Inter-regional Debt Management Conference. The overall objective of this Conference (see below) was to take stock of the recent challenges faced by debt managers in the areas of institution building, procedures, financial instruments and information systems.

Also on the inter-regional level, the DMFAS programme, in cooperation with UNITAR, submitted a training programme in debt management to be delivered through the newly established Institute for Trade and Development in Bangkok, Thailand. This proposal is suited for various groups of countries and has a debtor oriented focus. UNCTAD undoubtedly has a key role to play in this respect; other international and bilateral organizations often have a creditor-oriented agenda for training activities since many of them are creditors themselves.

On the regional level, the DMFAS programme continued its close cooperation with MEFMI. In the context of the existing cooperation agreement between the two institutions, UNCTAD and MEFMI delivered a joint debt management workshop in Lusaka in November 2000. The workshop, attended by Angola, Uganda, Zambia and Zimbabwe, was split in a technical and an end-user segment, attended by approximately 15 and 25 participants respectively.

The DMFAS programme also continues to seek close cooperation with other regional institutions. The closest relations so far have been established with WAIFEM where the DMFAS programme regularly provides resource persons and other input to their training events. One such event took place in 2000 where the DMFAS programme provided a resource person for a meeting in Lagos. Also, during 2000 a new collaboration and partnership has been initiated with "Pole Dette" of the BCEAO-BEAC Capacity-building Programme in Francophone Africa.

6.   DOCUMENTATION AND PUBLICATIONS

The following DMFAS documents are currently being updated as needed, in parallel with the software's updates and enhancements.

Documentation for DMFAS users:

- *DMFAS user's guide* (English, French, Spanish, Russian);
- *DMFAS training modules* (English);
- *DSM+ documentation* (English, French, Spanish);
- *DMFAS glossary* (English, French, Spanish);
- *DMFAS database administrators' manual* (English);
- *Installation of DMFAS on an Oracle database* (English);
- *Configuration of workstations and servers for DMFAS* (English);
- *Hardware, software and training requirements* (English, French, Spanish);
- *DMFAS on-line help* (English, French, Spanish): Special emphasis will be given to the updating of existing modules and the development of new ones in order to be able to provide user-countries with an exhaustive on-line help system. The production of modules is based on an internal document, *Guidelines and norms to create the DMFAS on-line help*, which is regularly updated.

General information on DMFAS programme and software:

- *DMFAS brochure* (English only);
- *The DMFAS programme*: *a brief description* (English, French, Spanish, Chinese);
- *UNCTAD's DMFAS in brief* (English, French, Spanish);
- *DMFAS – Technical information note* (English, French, Spanish);
- *DMFAS Newsletter* (English, French, Spanish and tentatively in Russian).

Proceedings of the Inter-regional Debt Management Conference:

This publication is linked to the bi-annual Inter-regional Debt Management Conference. It is a compilation of the presentations made by debt management experts and professionals during the Conference. The last Conference was organized in April 2000 and the publication of proceedings is planned for the end of 2000/beginning of 2001.

Analytical publications of the Debt and Development Finance Branch:

- *Effective Debt Management;*
- *Role of a Debt Office;*
- *Procedures Manual.*

7.   INTER-REGIONAL CONFERENCE

UNCTAD organized its second Inter-regional Debt Management Conference in Geneva from 3 to 5 April 2000. More than 200 participants from 60 countries, as well as approximately 20 international organizations, attended this event.

The overall objective of the Conference was to take stock of the challenges faced by debt managers at the dawn of the new millennium and to propose solutions. At the end of the twentieth century, the world's financial markets saw a number of dramatic events, such as the Asian and Russian debt crises that sent shock waves throughout economies in most parts the globe. Also, eleven European countries agreed to abandon their national currencies for the Euro and Ecuador defaulted on its Brady bonds in October of the same year. These developments had both short- and long-term consequences for debt managers. At the same time, the institutional set-up for effective debt management continued to represent a problem for debt managers all over the world. In addition, important factors also included rapid developments in information technology, as sophisticated integrated computer systems open up new possibilities and challenges that affect the institutions where they are used.

The third Inter-regional Conference will take place in December 2001. As during the preceeding two conferences, the focus will be to analyze recent developments in the area of debt management.

8.   OTHER ACTIVITIES

World Association of Debt Management Offices (WADMO)

In December 1997, during UNCTAD's first Inter-regional Conference on Debt Management, which was cosponsored by UNDP and attended by delegates from 60 countries, a Roundtable was held in order to receive feedback from the participants concerning the topics of the Conference, as well as other issues related to debt management. During this meeting the establishment of a professional association was proposed by representatives of the Bureau of Treasury of the Philippines. Participants agreed that there was great need for regular exchange of experiences, know-how and information about debt management at the international level. The association's main objective would be to offer debt management professionals an international forum to discuss technical matters of common interest and this would be complemented by regional events. UNCTAD has drafted the statutes for such an association, which is referred to as the World Association of Debt Management Offices (WADMO). Its first General Assembly took place on 6 April 2000, immediately after the Inter-regional Conference. As of 31 October 2000, WADMO counted 34 full members and one associate member. A Steering Committee has been set up with elected officials from the Philippines (Presidency of WADMO), Dominican Republic, Gabon, Honduras, Indonesia, Lesotho, Romania and Uganda. The Steering Committee will establish the future work programme for the association. A meeting of the Steering Committee took place in Geneva from 13 to 15 November 2000.

Inter-Agency Task Force on Debt Statistics

The UNCTAD secretariat, through the DMFAS programme, is also a member of the Inter-Agency Task Force on Debt Statistics. This task force is composed of the IMF, the World Bank, the Organization for Economic Cooperation and Development (OECD), EUROSTAT, the Bank for International Settlements (BIS), the European Central Bank, the Paris Club Secretariat and the Commonwealth Secretariat. The main objective of the Task Force, which meets on regular basis, is to review the definition, statistical coverage and methodology for international statistical reporting on external indebtedness.

HIPC Debt Strategy and Analysis Capacity-building Programme

UNCTAD, through the DMFAS programme, is a member of the Steering Committee of the HIPC Debt Strategy and Analysis Capacity-building Programme, which is funded by a number of bilateral donors (Austria, Denmark, Sweden, Switzerland, and United Kingdom) and implemented by Debt Relief International Ltd (DRI), a technical office based in London. The Steering Committee meetings are held twice a year, attended by representatives of bilateral donors, international and regional organizations, as well as representatives of highly indebted poor countries.

9. DMFAS ADVISORY GROUP AND TRUST FUND

In accordance with paragraph 13 of decision 455 (XLV) of the Trade and Development Board, the Working Party on the Medium-term Plan and the Programme Budget at its thirty-third session, in January 1999, reviewed proposals for the financial sustainability of selected UNCTAD technical cooperation programmes, namely ACIS, ASYCUDA and DMFAS.

The Working Party agreed that each of the three programmes made an essential contribution to enhancing institutional capacities and generating economic and financial benefits in developing countries and economies in transition. It also agreed that appropriate arrangements to ensure the programmes' financial sustainability were necessary, based on (i) programme budget resources; (ii) programme support resources; (iii) extra-budgetary resources from donors; and (iv) annual maintenance fees. It was agreed that financial sustainability called for a global and integrated solution, taking into account all four sources of funding.

Although an extensive exchange of views on the matter of maintenance fees took place on several occasions, the Working Party could not reach a decision on this issue.

In September 2000, in its decision 462 (XLVII), the Trade and Development Board recommended to the Secretary-General of UNCTAD that he rapidly establish advisory groups for, among other things, the DMFAS programme. Such groups would be composed of technical representatives of interested member States, including existing and potential donors and beneficiaries, and the UNCTAD secretariat and would advise the Secretary-General on a range of issues affecting these programmes, including options for ensuring their financial sustainability.

The first meeting of the DMFAS Advisory Group took place in Geneva on 16 November 2000. At this meeting, attended by representatives of beneficiaries, donors and the UNCTAD secretariat, a range of issues were discussed, including the activities of the programme and its financial plan for the next three years.

While the financial plan was deemed broadly acceptable by the participants, the shortfalls, especially for 2001, which amounted to $600,000, caused concern. Also, it was noted that the ability to maintain the country installations and to provide continuing technical cooperation services was closely linked to the long-term financial sustainability of DMFAS.

Three possible solutions to resolve the continued cash-flow problems were presented to the participants: reducing the number of central staff; increasing donor contributions; and/or increasing contributions by the beneficiary countries. In view of the present demand for services and the workload of the central staff, it was agreed that staff reduction was not desirable. An increase in contributions from both donors and beneficiaries was therefore considered necessary.

After discussion, it was agreed that:
- A special effort would be made by the bilateral donors to close the financial gap for 2001;
- A replenishable DMFAS Trust Fund to cover the costs of the central programme would be created to cover the period 2002–2005.

The UNCTAD secretariat is pursuing its discussions concerning its funding requirements for 2001 with its major bilateral donors.

Furthermore, in its decision 462 (XLVII) the Trade and Development Board requested the Secretary-General of UNCTAD to consider the establishment of a Debt Management and Financial Analysis System (DMFAS) Trust Fund in order to ensure the financial sustainability of the central operation of the DMFAS programme, as well as the different options and modalities for such a fund, and to report to the Working Party at its next session.

The Secretary-General, having considered this matter, has decided to establish a DMFAS Trust Fund in order to ensure the proper funding of the central operation of the DMFAS programme and its activities, including software development, maintenance and implementation, training in debt management, as well as networking.

The DMFAS Trust Fund will:
- Cover the period from 2002 to 2005, with the possibility of an extension;
- Be replenishable up front by donors, with funds to be co-mingled;
- Include cost-sharing by beneficiaries;
- Be reviewed at mid-term (after two years);
- Be discussed yearly at DMFAS Advisory Group meetings.

The DMFAS Advisory Group will have a supervisory role with regard to the DMFAS Trust Fund. It will be important to seek further participation from existing and potential donor countries, as well as beneficiary countries, through representatives from their capitals.

Appropriate reporting procedures will be established. A detailed annual report will be made available in March of each year and at least two months prior to the Advisory Group meeting so as to enable comments and discussion in advance. The report should highlight the achievements and significant results of the programme, propose operational activities and describe the corresponding needs.

A DMFAS Trust Fund document is being prepared and will be presented to the DMFAS Advisory Group prior to its next meeting scheduled for June 2001.

10. FINANCIAL SITUATION AND FUNDING

The installation of, and training in, the DMFAS are carried out within the framework of technical cooperation projects, which involve a wide range of activities geared toward the effective use of the system and the building of the database, including the establishment of adequate information flows, advisory services related to institutional and organizational matters, and the procurement of computer equipment.

Table 3 provides an overview of the DMFAS country activities from 1998 to 2000. In 2000, total country project expenditures (UNDP-managed and other sources) amounted to $1,256,150. This is slightly lower than in the previous two years, partly due to a decrease in the number of consultant

assignments in the countries concerned. With the large number of new and follow-up projects underway at the end of 2000, this trend is expected to be reversed.

Tables 4 and 5 provide summary and detailed data on the yearly expenditures by source. Since 1996, total yearly expenditures (for country projects and central programme) have remained fairly constant at around $3 million. Also, as can be seen from Table 4, over the last five years the expenditures funded by bilateral donor contributions have decreased, while the expenditures financed by UNCTAD have increased.

Expenditure figures related to UNDP managed projects reflect rather erratic movements. From 1995 to 1997 they showed a clear tendency to decrease, before sharply bouncing back in 1998 and 1999, only to sharply decrease again in 2000. These oscillations are not expected to even-out in the immediate future. Conversely, country and regional project trust fund expenditures have remained fairly constant over the period 1996–2000. As stated above, with the large numbers of new and follow-up projects to be initiated over the next few years, these figures are expected to increase.

Table 6 provides a detailed overview of the expenditures for the central operation of the DMFAS programme in 2000, which totalled $2,325,000. It should be noted that, increasingly, country projects include funding for the personnel component of the central operation of DMFAS. This cost-sharing is funding specific country-related activities, as well as general programme support. In 2000, this cost-sharing amounted to $538,000 (including overheads).

As already indicated, the work on country projects is supported by a central team of 19 professionals, based in Geneva, of whom four are regular UNCTAD staff members. Although the team is partly financed from resources available from overheads and other UN accounts, since 1995, essentially four bilateral donors (the Netherlands, Norway, Sweden and Switzerland) have provided the main source of financial support for the team (see Table 7).

Bilateral donors, who have already provided substantial amounts of financial support, are ready to continue to provide this support on the understanding that UNCTAD will make arrangements to place the programme on a financially secure and less donor-dependent footing. They expect that more permanent financial arrangements will be set up, including formal and standard cost sharing from beneficiary countries. In order to enable the DMFAS programme to continue its activities well into the future, UNCTAD is currently seeking a comprehensive solution that would allow it to achieve greater financial sustainability in the medium-term, thereby avoiding the continuous cash-flow problems which have characterized the central programme's financial situation. The establishment of a DMFAS Advisory Group and Trust Fund is an important development in this regard.

TABLE 1 **STATUS OF DMFAS IMPLEMENTATION**

at end March 2001

Start date of the project	Country/Territory	Government agency *	Version Installed			
			4.1Plus	**5.0**	**5.1**	**5.2**
1984	Togo	National Fund	X			
1985	Haiti	CB			X	
	Pakistan	MoF			X	
	Trinidad and Tobago	CB			X	
	Uganda	CB/MoF			X	
1986	Djibouti	MoF	X			
	Egypt	CB	X			
	Zambia	CB				X
	Zimbabwe	MoF/CB				X
1987	Burundi	MoF	X			
	Philippines	BoT				X
1988	Costa Rica	CB				X
	El Salvador	MoF				X
	Ethiopia	MoF	X			
	Guatemala	MoF			X	
	Honduras	MoF/CB				X
	Indonesia	MoF				X
	Nicaragua	MoF/CB				X
1990	Rwanda	MoF				X
1992	Bangladesh	MoF				X
1993	Bolivia	MoF/CB				X
	Argentina	MoF				X
	Lebanon	MoF/CB				X
	Romania	MoF/CB				X
1994	Belarus	MoF			X	
1995	Central African Republic	MoF	X			
	Mauritania	MoF				X
	Paraguay	MoP/CB				X
	Ukraine	MoF		X		
	Ecuador	MoF/CB				X
1996	Panama	MoE				X
	Kazakhstan	MoF/CB/Exim				X
	Viet Nam	MoF/CB				X
	Dominican Republic	CB				X
	Uzbekistan	MoF			X	
1997	Guinea-Bissau	MoF			X	
	Senegal	MoF		X		
	Sao Tome and Principe	MoF/CB		X		
	Republic of Moldova	MoF/CB				X
	Islamic Republic of Iran	CB				X
	Burkina Faso	MoF				X
1998	Albania	MoF				X
	Côte d'Ivoire	MoF				X
	Georgia	MoF				X
	Jordan	MoF				X
	Peru	MoF		X		
	Sudan	CB				X
	Venezuela	MoF				X
1999	Angola	CB				X
	FYR of Macedonia	CB			X	
	Lithuania	MoF				X
	Yemen	CB				X
2000	Chad	MoF				
	Palestine Authority	MoF				
2001	Colombia	MoF				
	Gabon	MoF				
	Madagascar	CB				
	Mongolia	MoF				
	Turkmenistan	MoF				
Total	**59 countries**		6	4	9	33
Pipelines	Cambodia, Chile, Eritrea, Liberia, Suriname, Syria.					
Interested	Algeria, Bahrein, Equatorial Guinea, Guinea Conakry, Kyrgiz Republic, Russia, Tajikistan, Yugoslavia.					

* CB = Central Bank   MoP = Ministry of Planning   MoF = Ministry of Finance   MoE = Ministry of Economy

TABLE 2 **OPERATIONAL STATUS OF DMFAS IN COUNTRIES**

at end December 2000

Country	Government Agency *	Implementation Stage							Comments
		0	1	2	3	4	5	6	
Albania	MoF		X	X	X	X			
Angola	CB		X						Database being established
Argentina	MoF		X	X	X	X		X	
Bangladesh	MoF		X	X	X				Not for full portfolio of loans
Belarus	MoF		X	X	X	X			
Bolivia	MoF/CB		X	X	X	X		X	New project with MoF
Burkina Faso	MoF		X	X	X	X			
Burundi	MoF		X	X	X	X			4.1Plus in use
Central African Rep	MoF	X							
Chad	MoF								New project being initiated
Costa Rica	CB		X	X	X	X			4.1Plus in MoF
Côte d'Ivoire	MoF		X						
Djibouti	MoF	X							4.1Plus in use
Dominican Republic	CB		X	X	X				
Ecuador	MoF/CB		X	X	X	X		X	
Egypt	CB		X	X	X	X			4.1Plus in use
El Salvador	MoF		X	X	X	X	X		
Ethiopia	MoF		X	X	X				4.1 Plus in use
Georgia	MoF		X	X	X	X			
Guatemala	MoF		X	X	X			X	
Guinea-Bissau	MoF	X							To be reinstalled
Haiti	CB		X	X	X	X			
Honduras	MoF		X	X	X	X		X	
Indonesia	MoF		X	X	X				
Iran	CB		X	X	X				
Jordan	MoF		X	X					
Kazakhstan	MoF/CB/Exim		X	X		X			
Lebanon	MoF/CB		X	X	X	X			
Lithuania	MoF		X	X					Ongoing. Soon stage 4/5
Macedonia	CB		X	X	X	X			
Mauritania	MoF		X	X	X				
Moldova	MoF/CB		X	X	X	X			
Nicaragua	MoF/CB		X	X	X	X		X	
Pakistan	MoF		X	X					
Panama	MoE		X	X	X	X	X	X	
Paraguay	MoF/CB/MoP		X	X	X			X	
Peru	MoF	X							
Philippines	BoT		X	X	X	X			
Romania	MoF/CB		X	X	X	X	X		
Rwanda	MoF		X	X	X	X	X		
Sao Tome and Principe	MoF/CB	X							
Senegal	MoF	X							Server out of order
Sudan	CB		X	X	X				
Togo	MoF	X							4.1 Plus in use
Trinidad and Tobago	CB		X	X					
Uganda	CB/MoF		X	X	X	X	X		
Ukraine	MoF	X							
Uzbekistan	MoF	X							
Venezuela	MoF		X	X	X			X	
Viet Nam	MoF/CB		X	X	X				Valid for both institutions.
Yemen	CB		X						Database being established.
Zambia	CB		X	X	X	X			
Zimbabwe	MoF/CB		X	X	X	X	X		

Stage 0 System installed, but not used
Stage 1 System installed and operational
Stage 2 Database kept up-to-date
Stage 3 System used for monitoring and internal reporting
Stage 4 System used for statistics and external reporting (i.e. WB's DRS)
Stage 5 DSM+ installed and used for analysis and debt policy
Stage 6 DMFAS is, or is being, integrated within IFMS

TABLE 3   OVERVIEW OF DMFAS ACTIVITIES FROM 1998 TO 2000

Country/Territory	Government Agency	Country project expenditures			Number of missions by central staff			Number of weeks of consultants in countries		
		1998	1999	2000	1998	1999	2000	1998	1999	2000
Albania	MoF	126 999	49 806	26 819	2	-	2	17	3	2
Angola	CB		-	269 826	2	-	2	-	-	11
Argentina	MoF	34 363	116 072	70 162	1	-	2	5	-	-
Bangladesh	MoF	21 637	-		-	-	2	3	-	7
Belarus	MoF	21 032	25 365	20 429	-	-	-	-	6	-
Bolivia	MoF/CB	17 107	34 825	-	-	-	2	2	-	6
Burkina Faso	MoF	25 139	29 066	77	1	1	2	4	-	-
Burundi	MoF	-	-	-	-	-	-	-	-	-
Central African Rep	MoF	765	6 202	5 764	-	1	-	-	-	-
Chad	MoF	-	-	-	-	-	-	-	-	-
Colombia*	MoF		-	68 486	-	-	-	-	-	4
Costa Rica	CB	35 917	969	-	-	1	-	6	-	-
Côte d'Ivoire	MoF	-	27 799	10 016	1	-	2	-	6	-
Djibouti	MoF	-	-	-	-	-	-	-	-	-
Dominican Republic	CB	38 124	28 713	18 546	-	1	1	5	4	-
Ecuador	MoF	177 227	34 682	32 466	3	-	2	52	-	1
Egypt	CB	-	-	16 475	-	-	-	-	-	-
El Salvador	MoF	-	96 101	17 874	1	2	3	-	9	-
Ethiopia	MoF	-	11 231	-	1	-	-	-	-	-
Georgia	MoF	53 896	56 260	33 932	1	1	1	-	8	2
Guatemala	MoF/CB	-	115 015	14 823	1	5	-	-	16	4
Guinea-Bissau	MoF	4 502	(1 736)	-	-	-	-	-	-	-
Haiti	CB	-	26 834		-	1	-	-	4	-
Honduras	MoF	-	48 930	16 431	-	2	1	-	3	5
Indonesia	MoF	-	-	127 055	-	-	-	-	-	7
Iran	CB	42 726	36 769	34 279	2	-	2	-	-	2
Jordan	MoF	13 527	5 412	8 382	-	2	-	-	3	3
Kazakhstan	MoF/CB/Exim	42 838	74 464	(3 188)	-	-	-	3	12	-
Lebanon	MoF/CB	-	-	-	1	-	-	-	-	-
Lithuania	MoF	-	28 371	28 638	2	-	-	-	5	4
Macedonia	CB	-	-	21 562	1	-	-	-	5	7
Mauritania	MoF	-	253	-	1	1	-	-	-	-
Mexico*	MoF/NAFIN	8 916	-		-	-	-			
Moldova	MoF/CB	68 330	22 028	15 475	2	1	2	10	3	2
Nicaragua	MoF	49 335	3 345	5 106	1	-	1	8	-	-
Pakistan	MoF	8 508	7 041	-	-	-	-	-	-	-
Palestine Authority	MoF	-	-	68 071	-	-	-			
Panama	MoF	63 507	32 121	8 160	1	2	2	1	4	-
Paraguay	MoF	3 284	3 284	14 082	-	-	-	-	-	-
Peru	MoF	124 644	11 443	49 690	2	-	-	35	-	3
Philippines	BoT	43 311	54 156	544	3	2	-	-	3	1
Romania	MoF/CB	130 345	80 574	28 558	2	2	-	6	-	5
Rwanda	MoF	-	88 304	52 313	2	-	-	-	10	14
Sao Tome and Principe	MoF/CB	24 753	-	(17 214)	1	-	-	-	-	-
Senegal	MoF	23 579	(14 319)	-	-	-	-	-	-	-
Sudan	CB	-	45 975	27 573	-	1	-	-	13	-
Syrian Arab Republic*	CB	-	-	2 215	-	-	2	-	-	-
Togo	National Fund	-	-	44 695	-	-	-	-	-	2
Trinidad and Tobago	CB	-	20 580	-	-	2	-	-	-	-
Uganda	CB/MoF	-	4 149	-	2	-	-	-	-	-
Ukraine	MoF	-	-	-	-	-	-	-	-	-
Uzbekistan	MoF	83 442	-		1	-	-	-	-	-
Venezuela	MoF	134 003	138 793	(339)	3	3	-	22	28	28
Viet Nam	MoF/CB	90 420	112 714	17 622	2	1	-	11	14	5
Yemen	CB	-	32 852	36 149	-	1	-	-	2	1
Zambia	CB	-	-	33 058	-	-	2	-	-	6
Zimbabwe	MoF/CB	-	121	31 538	-	-	2	-	3	1
					-					
Exploratory missions					10	3	10	-	-	-
TOTAL		**1 512 176**	**1 494 564**	**1 256 150**	**53**	**36**	**45**	**190**	**164**	**133**

*Preparatory assistance activities   CB=Central Bank   MoF=Ministry of Finance

TABLE 4

DMFAS PROGRAMME

Summary of yearly expenditures by source

	Cumulative incl. 1994		1995		1996		1997		1998		1999		2000		Cumulative incl. 2000	
	USD	%	USD	%	USD	%	USD	%	USD	%	USD	%	USD	%	USD	%
UNDP managed: (a)																
Interregional projects	3 031	20	247	10	-	0	-	0	-	0	-	0	-	0	3 278	10
Country/regional projects	6 807	44	176	7	331	12	195	6	776	25	794	25	435	14	9 514	29
Total UNDP	**9 838**	**64**	**423**	**18**	**331**	**12**	**195**	**6**	**776**	**25**	**794**	**25**	**435**	**14**	**12 792**	**39**
Other sources: (b)																
Interregional projects	-	0	-	0	-	0	-	0	-	0	28	1	-	0	28	0
Country/regional project trust funds	366	2	476	20	715	25	923	30	736	23	700	22	821	27	4 737	14
Total Other Sources	**366**	**2**	**476**	**20**	**715**	**25**	**923**	**30**	**736**	**23**	**728**	**23**	**821**	**27**	**4 765**	**14**
Bilateral donors:																
Central Programme	2 706	17	1 127	48	1 367	49	1 415	46	974	31	699	22	841	28	9 129	28
Total Donor Countries	**2 706**	**17**	**1 127**	**48**	**1 367**	**49**	**1 415**	**46**	**974**	**31**	**699**	**22**	**841**	**28**	**9 129**	**28**
UNCTAD: (c)																
Central Programme																
Regular budget	2 572	17	327	14	399	14	493	16	435	14	640	21	621	20	5 487	17
Overheads, savings, etc.	-	0	-	0	-	0	57	2	230	7	253	8	213	7	753	2
Development account	-	0	-	0	-	0	-	0	-	0	-	0	113	4	113	0
Total UNCTAD	**2 572**	**17**	**327**	**14**	**399**	**14**	**550**	**18**	**665**	**21**	**893**	**29**	**947**	**31**	**6 353**	**19**
Total	**15 482**	**100**	**2 353**	**100**	**2 812**	**100**	**3 083**	**100**	**3 151**	**100**	**3 114**	**100**	**3 044**	**100**	**33 039**	**100**

(a) Break in the time series: From 1999 onward, figures also include expenditures incurred for projects managed by UNDP but not financed or only partly financed by UNDP. Before 1999, these expenditures were included indistinctively in item "UNDP" or in item "Other sources".

(b) Development banks, bilateral donors, Swiss Trust Fund (Component for country projects), loans, grants, etc.

(c) Estimates of personnel co

TABLE 5   **DMFAS FINANCIAL REPORT**

TABLE 5.A

A. UNDP Country Projects (in US dollars)

Country Projects	Allocation	Expenditures		Unspent budget balance	Comments
UNDP funded/managed*	Total allocation up to 31.12.00	Cumulative (incl. 2000)	2000	as of 31.12.00	
Albania	283 250	216 324	26 819	66 926	
Argentina (2 projects)	1 442 839	1 431 273	70 162	11 566	
Armenia	3 850	2 099	-	1 751	
Bangladesh (2 projects)	745 980	745 980	-	-	
Belarus	91 410	97 163	20 429	(5 753)	
Bolivia (2 projects)	108 902	108 902	-	-	
Burundi	119 148	119 148	-	-	
Colombia**	90 950	68 486	68 486	22 464	
Costa Rica	33 000	35 740	-	(2 740)	
Djibouti	140 239	140 239	-	-	
Egypt	926 173	926 173	-	-	
Ethiopia	161 911	161 911	-	-	
Georgia (2 projects)	224 598	109 918	33 932	114 680	
Guatemala	252 120	129 839	14 823	122 282	
Guyana	73 646	73 646	-	-	
Haiti (2 projects)	213 189	213 189	-	-	
Indonesia	450 342	455 096	-	(4 754)	
Lebanon	33 136	33 136	-	-	
Liberia	109 268	109 268	-	-	
FYR of Macedonia	23 222	21 562	21 562	1 660	
Madagascar	144 432	144 432	-	-	
Mexico**	52 051	52 051	-	-	
Moldova (2 projects)	184 070	152 982	15 475	31 088	
Nicaragua	37 000	37 000	-	-	
Pakistan	427 659	427 659	-	-	
Panama	477 400	472 169	8 160	5 231	
Paraguay	272 500	184 392	14 082	88 107	
Peru (2 projects)	104 201	104 201	-	-	
Philippines (2 projects)	519 788	517 851	544	1 938	
Romania	79 750	72 358	22 802	7 392	
Rwanda (3 projects)	413 614	389 842	52 313	23 772	
Sao Tome & Principe	73 984	56 770	(17 214)	17 214	
Syrian Arab Republic**	10 000	2 215	2 215	7 785	
Togo (2 projects)	296 851	181 016	44 695	115 835	
Trinidad and Tobago	75 705	75 705	-	-	
Uganda	213 276	213 276	-	-	
Ukraine	46 284	46 284	-	-	
Uzbekistan	85 429	85 429	-	-	
Venezuela	272 775	272 436	(339)	339	
Viet Nam	221 556	221 556	-	-	
Yemen	261 983	69 001	36 149	192 981	
Zambia	185 755	185 755	-	-	
Zimbabwe	141 580	141 580	-	-	
TOTAL UNDP COUNTRY	**10 124 817**	**9 305 051**	**435 095**	**819 764**	

* This list includes all projects which are managed by UNDP, whether they are UNDP funded or not
Figures generally include overheads, except where they do not apply (I.e. STS projects)

** Preparatory Assistance Projects

TABLE 5.B

B. UNDP Regional Projects (in US dollars)

Regional UNDP	Allocation	Expenditures		Unspent budget balance	Comments
	Total allocation up to 31.12.00	Cumulative (incl. 2000)	2000	as of 31.12.00	
Eastern Europe (a)	44 482	44 482	-	-	
Central America (b)	164 228	164 228	-	-	
TOTAL UNDP					
REGIONAL	**208 710**	**208 710**	**-**	**-**	

TABLE 5.C

C. UNDP Interregional Project (in US dollars)

Interregional UNDP	Allocation	Expenditures		Unspent budget balance	Comments
	Total allocation up to 31.12.00	Cumulative (incl. 2000)	2000	as of 31.12.00	
Interregional (c)	897 885	897 885	-	-	
Interregional (d)	2 373 320	2 380 253	-	(6 933)	
TOTAL UNDP					
INTERREGIONAL	**3 271 205**	**3 278 138**	**-**	**(6 933)**	

(a) Training curriculum for countries in Eastern Europe and the Commonwealth of Independent States.

(b) Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua.

(c) UNDP/UNCTAD/World Bank Joint Programme completed December 1992.

(d) Full-fledged UNDP/UNCTAD/World Bank Joint Programme.

TOTAL UNDP SUMMARY OF EXPENDITURES - Country, Regional and Interregional. (A+B+C)

TOTAL UNDP	13 604 732	12 791 899	435 095	812 831	

TABLE 5.D

D. Other sources (in US dollars)

Country/Territory Projects	Allocation	Expenditures		Unspent budget balance	Source of funds
Other sources*	Total allocation up to 31.12.00	Cumulative (incl. 2000)	2000	as of 31.12.00	
Angola	319 790	269 826	269 826	49 964	G
Bolivia	93 550	84 885	-	8 665	STF
Burkina Faso	185 000	112 587	77	72 413	STF
Burundi	68 000	-	-	68 000	G
Central African Republic	60 000	54 354	5 764	5 646	WB grant
Chad	99 700	-	-	99 700	G
Costa Rica	68 025	57 989	-	10 036	CB
Cote D'Ivoire	37 815	37 815	10 016	-	STF
Dominican Republic	178 540	132 114	18 546	46 426	G
Ecuador (3 projects)	582 310	538 042	32 466	44 268	G, J, IBRD
Egypt	43 500	16 475	16 475	27 025	G
El Salvador	135 374	113 975	17 874	21 399	G
Ethiopia	91 944	91 944	-	-	STF
Guinea Bissau	180 000	76 439	-	103 561	STF
Haiti	40 000	26 834	-	13 166	IDB
Honduras (2 projects)	95 872	95 542	16 431	330	WB/IDF, STF
Indonesia	239 210	127 055	127 055	112 155	AUSAID
Iran (Islamic Republic of)	196 493	195 072	34 279	1 421	WB grant
Jordan	146 432	58 020	8 382	88 412	STF
Kazakhstan (2 projects)	326 964	307 770	(3 188)	19 194	USAID, WB
Lithuania	64 410	57 009	28 638	7 401	G
Mauritania	150 000	143 587	-	6 413	STF
Morocco	4 892	4 892	-	-	G
Nicaragua	180 868	180 868	5 106	-	STF
Pakistan	50 288	50 288	-	-	G
Palestine Authority**	262 618	68 071	68 071	194 547	Norway
Peru	137 106	137 106	49 690	-	STF
Romania	396 844	395 257	5 756	1 587	WB, J
Senegal	61 332	61 332	-	-	STF
Sudan	82 250	73 548	27 573	8 702	AfDB
Trinidad & Tobago	24 750	20 580	-	4 170	G
Uganda	34 914	34 914	-	-	G
Viet Nam (2 projects)	237 046	207 527	17 622	29 519	ADB, STF
Zambia	34 725	33 058	33 058	1 667	G
Zimbabwe	34 495	31 659	31 538	2 836	G
Interregional (DMFAS Bridge)	33 000	28 132	-	4 868	WB
Regional (Africa)	530 652	530 652	-	-	ESAIDARM
Regional (Africa)	310 186	310 186	-	-	NL
To be allocated	446 105	-	-	446 105	STF
TOTAL TRUST FUNDS	**6 265 000**	**4 765 404**	**821 055**	**1 499 596**	

Includes overheads
**First disbursement only*
G - Government
WB - World Bank
ADB - Asian Development Bank
AfDB - African Development Bank
J - Japanese Government
IDB - Inter American Development Bank
IDF - Institutional Development Fund
NL - The Netherlands
ESAIDARM - CTO assigned to the Eastern and Southern African Initiative in Debt and Reserves Management Secretariat.
STF - Swiss Trust Fund

TABLE 5.E

E. Bilateral Support to Central Team (since 1984, in US dollars)

Donor countries*	Allocation	Expenditures		Unspent balance available	
	Total allocation up to 31.12.00	Cumulative (incl. 2000)	2000	as of 31.12.00	
Belgium	172 089	172 089	-	-	(a)
Belgium**	200 664	193 965	230	6 699	(b)
Denmark**	312 226	312 226	-	-	(c)
Finland**	234 405	234 405	-	-	(d)
Finland	343 672	292 863	292 863	50 809	(e)
France	17 717	17 717	-	-	(f)
Germany	268 352	268 352	-	-	(g)
Ireland	63 393	59 180	33 483	4 213	(h)
Italy	900 290	900 290	-	-	(i)
Italy	144 510	144 510	-	-	(j)
Italy	100 000	100 000	-	-	(k)
Norway	225 921	225 921	-	-	(l)
Norway	256 245	256 245	-	-	(m)
Norway**	367 382	367 382	-	-	(n)
Norway	946 044	918 949	208 238	27 095	(o)
The Netherlands	192 764	192 764	-	-	(p)
The Netherlands**	2 179 677	1 922 070	130 926	257 607	(q)
Switzerland**	1 439 139	1 439 139	(1 869)	-	(r)
Sweden	600 000	601 551	17 990	(1 551)	(s)
Sweden	300 000	280 568	159 305	19 432	(t)
United Kingdom	228 459	228 459	-	-	(u)
TOTAL	**9 492 948**	**9 128 645**	**841 166**	**364 303**	

Includes overheads
**Includes interest*

(a) Associate experts (1987–1989)
(b) General programme contribution (1996–2000)
(c) Support assigned to the ESAIDARM countries (1995–1996)
(d) General Programme Contribution (1996–1997)
(e) General Programme Contribution (1999–2000)
(f) Support for debt management missions. BCEAO countries (1994).
(g) Associate experts (1987–1989)
(h) General Programme Contribution (1999–2000)
(i) General programme contribution (1989–1994)
(j) Associate experts (1992–1994)
(k) General programme contribution (1995–1996)
(l) Associate experts (1988–1991)
(m) Associate experts (1992–1995)
(n) General programme contribution and support for debt management missions (1988–1996).
(o) General programme contribution (1995–2000)
(p) General programme contribution (1986–1989)
(q) General programme contribution (1995–2000)
(r) General programme contribution (1995–2000). Excludes country projects financed by the Swiss Trust Fund, listed under "Other sources".
(s) General programme contribution (1995–1998).
(t) General Programme Contribution (1999–2000)
(u) Associate experts (1992–1994)

TABLE 6   EXPENDITURES FOR THE DMFAS PROGRAMME CENTRAL OPERATIONS

	2000 Expenditures US$
Regular budget:	
- personnel	582 755
- travel	28 044
- communication costs	10 000
- office maintenance	pm
Total regular budget	**620 799**
Overheads:	
- personnel	212 514
- travel	-
Total overheads	**212 514**
Development account:	
- personnel	97 870
- travel	15 502
Total development account	**113 372**
Bilateral donor contributions:	
- personnel	575 747
- travel	61 480
- equipment	19 138
- consultancy services	13 000
- conferences, training and seminars	58 829
- others	16 091
- overhead charges	96 757
Total bilateral donor contributions	**841 042**
Cost sharing from beneficiaries/country projects for specific activities and general support:	
- personnel	479 566
- overhead charges*	58 027
Total cost sharing	**537 593**
Grand Total	**2 325 320**

*estimation

TABLE 7

BILATERAL DONORS CONTRIBUTIONS 1995–2001

(in US dollars)

	1995	1996	1997	1998	1999	2000	2001 Pledged	Total
General Programme Support								
Belgium		188,911						**188,911**
Denmark	300,000							**300,000**
Finland		228,378				352,000		**580,378**
Ireland					64,349			**64,349**
Italy	100,000							**100,000**
Netherlands	647,895	602,231		531,802		300,000	250,000	**2,331,928**
Norway	171,225	78,145	225,000	225,000	235,106	303,500	100,000	**1,336,976**
Sweden	300,000		300,000		299,243		300,000	**1,199,243**
Switzerland (Component 1)	378,788	431,034		272,122			100,000	**1,181,944**
Total	**1,897,908**	**1,528,699**	**525,000**	**1,028,924**	**598,698**	**954,500**	**750,000**	**7,283,729**

FIGURE 1

2000 EXPENDITURES FOR THE DMFAS PROGRAMME'S CENTRAL OPERATIONS, BY SOURCE

23%

36%

27%

9%

5%
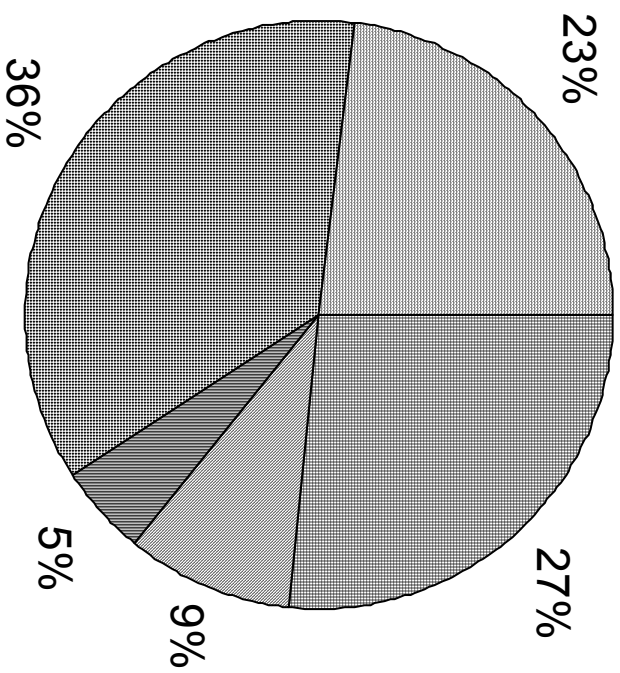
☒ Regular budget

☒ Overheads

☒ Development account

☒ Bilateral donor contributions

☒ Cost sharing

FIGURE 2

Bilateral donors' contributions to the DMFAS Programme's Central Operations 1995–2000

in 000 USD
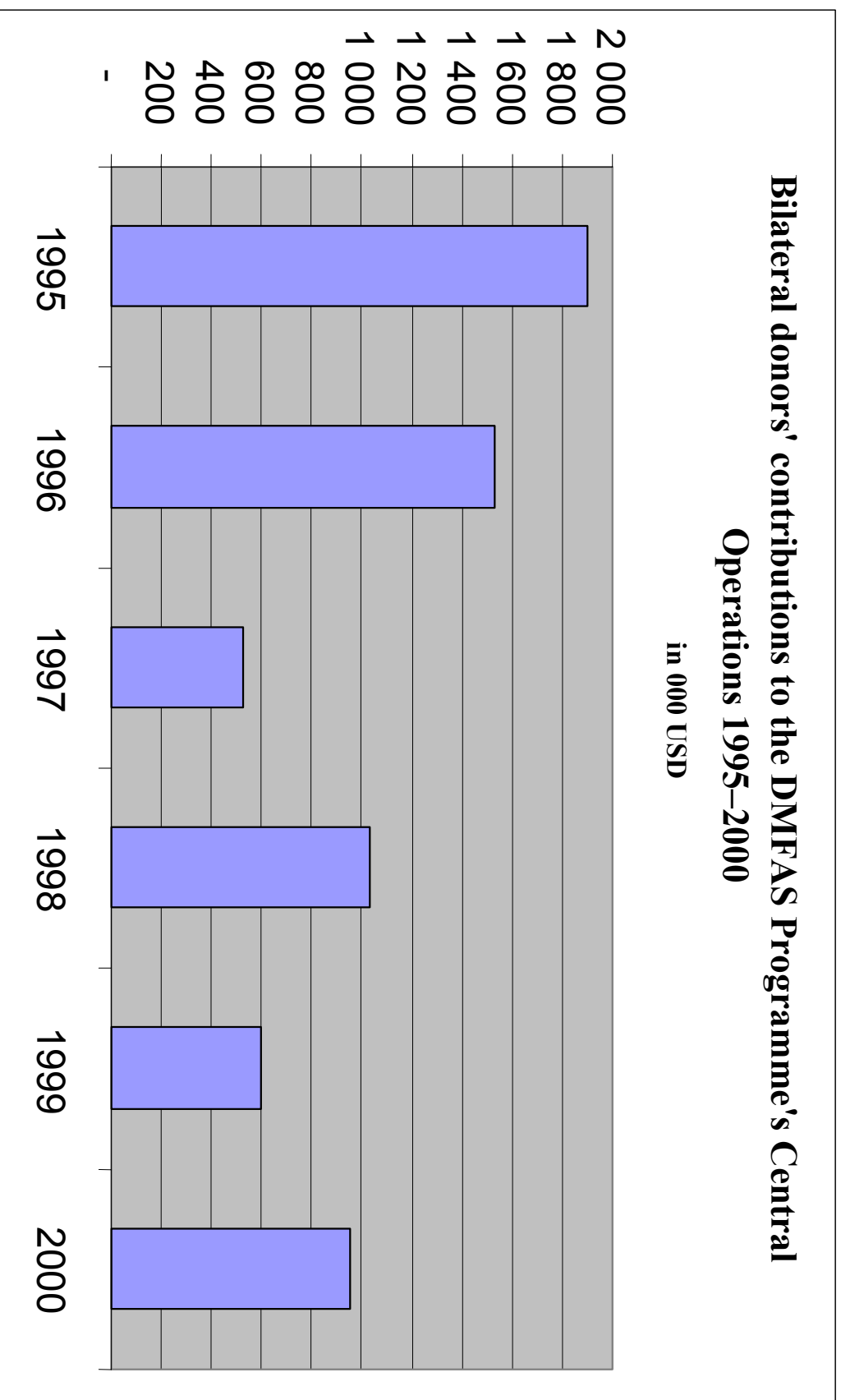
Annex 1

Country information

ALBANIA FACT FILE

DMFAS start date: 1998

DMFAS installation:

- Current installation: 5.2 (May 2000)
- Previous installation: 5.1.2 (1999)

Language: English

Location: Ministry of Finance

Environment: Local area network

Link with other system: No

Future system developments:

Note:

The project, financed by UNDP, not only planned the installation of the DMFAS in the Ministry of Finance and the Bank of Albania, but also addressed institutional changes as well as the creation of a database on grants.

Current project status: closed (2001)

Activities in 2000:

- In spring 2000 the Government of Albania requested an extension of the project, which included training in on-lending and domestic debt, as well as in the Debt Sustainability Model-Plus.

- A mission to the Ministry of Finance took place in May in order to carry out the export of the database on grants to DMFAS 5.2.

Problems encountered:

Planned activities:

ANGOLA FACT FILE

DMFAS start date: 1999

DMFAS installation:

- Current installation: 5.2 (May 2000)
- Previous installation:

Language: English and Spanish

Location: Central Bank

Environment: Local area network

Link with other system: No

Future system developments: A revolving credit module will be developed.

Note:

Before the installation of DMFAS, the Central Bank of Angola was using a custom-made system that had been developed by the Bank itself.

Current project status: active

Activities in 2000:

- UNCTAD posted a resident advisor in Luanda for three months. Terms of reference included to follow up the initial data entry activities and to advise the Government on various debt issues, including the Angola participation in the HIPC initiative.

- In addition, two missions were undertaken by another DMFAS consultant whose main task was to teach the operators how to use the DMFAS system.

Problems encountered:

Planned activities:

- A debt sustainability analysis workshop, to be undertaken in cooperation with MEFMI, was scheduled for late April 2001.

- Also in 2001, UNCTAD will place a chief technical advisor in Luanda for a period of 6 months. Main task will include bringing the data base up-to-date in preparation for the Angolan participation in HIPC initiative.

ARGENTINA FACT FILE

DMFAS start date: 1993

DMFAS installation:

- Current installation: 5.2 (January 2000)

- Previous installation: 5.1 (August 1998)

Language: Spanish

Location: Ministry of Finance

Environment: Local area network

Link with other system: Integration of DMFAS with the integrated financial administration system (SIDIF) and its treasury, accounting and budget modules.

Future system developments:

Note:

The Government has seconded several members of the Ministry of Finance's staff for DMFAS implementation and training in other Latin American countries. In addition, the Government has sponsored the development of the functionalities for handling the Euro in DMFAS 5.2.

Current project status: active

Activities in 2000:

- In January, DMFAS 5.2 was installed in the Ministry of Finance and technical training was provided to local IT staff.

- In December, the Government of Argentina and UNCTAD concluded a new project for the implementation of the DMFAS in five of its provinces. More provinces are expected to join the project in the near future.

  Argentina´s provinces are entitled to contract their own debt independently and are thus adding to the public debt burden of the country.

  The project is designed to assist the provinces in the management of their debt and to centralize debt information in the Ministry of Finance. The project is being executed by the Government, with UNCTAD providing the DMFAS system and assisting on technical matters. In the framework of the project, DMFAS will be enhanced to be able to manage the debt of provinces and to merge their database into one central database in the Ministry of Finance. This way, the Government will be able to obtain information on the indebtedness position of the entire public sector. The Ministry of Finance put several members of its staff at the disposal of the project to install and maintain DMFAS in the provinces.

Problems encountered:

Planned activities:

- Incorporation of a growing number of provinces into the project.

- Adaptation of DMFAS to the needs of the provinces for managing their debt.

- Development of a database in the Ministry of Finance with information coming from the provinces' DMFAS installations.

- Supervision and support missions.

- Organization of workshops.

BANGLADESH FACT FILE

DMFAS start date: 1992

DMFAS installation:

- Current installation: 5.0 (November 1996)
- Previous installation: 4.1Plus (1992)

Language: English

Location: Ministry of Finance (Economic Relations Division)

Environment: Local area network (Novell)

Link with other system: No

Future system developments:

Current project status: active

Activities in 2000:

A one-week mission from UNCTAD was fielded in October to finalize the elaboration of a new comprehensive capacity-building programme in external resource management to be funded by the Government of Norway.

Problems encountered: Institutional delays in the signing of the project document.

Planned activities:

Within the context of the above mentioned new project, a chief technical advisor will be stationed in Dhaka in the second half of the year to commence the planned activities and to prepare the ground-work to welcome the first DMFAS installation mission at the Economic Relations Division of the Ministry of Finance.

BELARUS FACT FILE

DMFAS start date: 1994

DMFAS installation:

- Current installation: 5.1 (June 1999)
- Previous installation: 5.0 (1997)

Language: Russian

Location: Ministry of Finance

Environment: Local area network

Link with other system: No

Future system developments:

Current project status: closed (2001)

Activities in 2000:

- Participation in UNCTAD's Interregional Debt Management Conference in April.
- Purchase of a new server and one computer.

Problems encountered:

Planned activities:

<div align="center">**BOLIVIA FACT FILE**</div>

DMFAS start date: 1993

DMFAS installation:

- Current installation: 5.2 (November 2000)
- Previous installation: 5.1* (July 1998)

Language: Spanish

Location: Central Bank of Bolivia* and Ministry of Finance

Environment: Local area network, remote access by the Ministry of Finance to the Central Bank

Link with other system: No

Future system developments:

The DMFAS will be integrated with the Government's financial administration system in the framework of the ILACO II project.

Current project status: active

Activities in 2000:

- The Ministry of Finance, which is in charge of managing domestic debt, and UNCTAD signed a new project document on the implementation of DMFAS in that institution. A World Bank loan is financing this new project, whose implementation started in November.
- DMFAS 5.2 was installed in the Ministry of Finance and the Central Bank in November.
- A 3 week mission took place at the Ministry of Finance in November/December to provide basic training in DMFAS for entry of domestic debt data.
- A 1 week mission took place at the Central Bank in December to train staff in the use of the new functionalities of DMFAS 5.2.
- During the training missions, a first needs assessment for the adaptation of DMFAS was carried out. The objective is to develop new functionalities to cater for the needs for managing Bolivian domestic debt.

Problems encountered:

Planned activities:

- Mission to the Ministry of Finance to coordinate data entry of domestic debt (April/May 2001).
- Workshop on the integration of DMFAS with the Bolivian Financial Administration System (SIGMA) (May 2001).
- Adaptation of DMFAS as regards domestic debt and bonds functionalities.
- Training in the use of the DMFAS reporting and analysis features.

<div align="center">**BURKINA FASO FACT FILE**</div>

DMFAS start date: 1997

DMFAS installation:

- Current installation: 5.2 (July 2000)
- Previous installation: 5.0 (1998)

Language: French

Location: Ministry of Finance (National Debt Department)

Environment: Local area network

Link with other system: No

Future system developments:

Development of a link with the national budgetary software and the local financial software called *Circuit de la dépense* (Expenditure circuit).

Current project status: active

Activities in 2000:

A two-week mission took place in July to install DMFAS 5.2 and train users in its use.

Problems encountered:

The review of the database, initially scheduled for the end of November 2000, has been postponed to May 2001 because the work was not completed on time.

Planned activities:

Review of the database in May 2001.

BURUNDI FACT FILE

DMFAS start date: 1987

DMFAS installation:

- Current installation: 4.1Plus (1987)
- Previous installation:

Language: French

Location: Ministry of Finance (Treasury Department)

Environment: Single-user platform

Link with other system: No

Future system developments:

Current project status: active

Activities in 2000:

- In August a project document was signed for the installation of DMFAS 5.2 in the Ministry of Finance. It also foresees the data conversion from format 4.1Plus to 5.2 and the training of debt managers.
- A data conversion took place in December.

Problems encountered:

Planned activities:

- Installation of DMFAS 5.2 in April 2000.
- Training in the use of DMFAS 5.2, in Geneva, for 2 officials of the Ministry of Finance.

CENTRAL AFRICAN REPUBLIC FACT FILE

DMFAS start date: 1995

DMFAS installation:

- Current installation: 4.1Plus (February 1996)
- Previous installation:

Language: French

Location: Ministry of Finance (Debt Department)

Environment: Single-user platform

Link with other system: No

Future system developments:

Note:

Further discussions were held between UNCTAD and the Ministry of Finance to elaborate and seek funding for a new DMFAS project in Bangui.

Current project status: active

Activities in 2000:

If no activities in 2000, last mission or activity:

In May 1999, a planning mission was sent to discuss with the Government and interested donors the extension of the previous project. The new project would include the installation of DMFAS 5.2 within the new debt management unit of the Ministry of Finance and an evaluation of the new debt management institutional environment within the country.

Problems encountered:

The implementation of the previous project was delayed owing to the country's social and political events and to the absorption of the previous debt office structure (e.g. CAADE) into the Ministry of Finance.

Planned activities:

Finalization of the elaboration of a new project document during 2001.

CHAD FACT FILE

DMFAS start date: end 2000

DMFAS installation:

- Current installation:

- Previous installation:

Language:

Location:

Environment:

Link with other system: No

Future system developments:

Current project status: active

Activities in 2000:

A project document was signed in August for the installation of DMFAS 5.2 in the Debt Office of the Ministry of Finance and the training of debt managers.

Problems encountered:

Planned activities:

- An installation of DMFAS 5.2 was scheduled for the end of May 2001.

- A training mission was planned in June 2001.

COSTA RICA FACT FILE

DMFAS start date: 1988

DMFAS installation:

- Current installation: 5.2 * (August 2000) and 4.1Plus (1988)
- Previous installation: 5.1* (1999)

Language: Spanish

Location: Central Bank of Costa Rica*, Ministry of Finance and Electricity Institute of Costa Rica (a State enterprise)

Environment: local area network for 5.2, single-user platform for 4.1Plus

Link with other system: No

Future system developments:

A new project, which has been discussed with the Ministry of Finance in the framework of the State Modernization Project, envisages the integration of DMFAS with the Government's Financial Management Systems. However, UNCTAD has received no further feedback form the Ministry of Finance so far.

Current project status: active

Activities in 2000:

Upgrade to DMFAS 5.2 at the Central Bank in August.

Problems encountered:

In the course of a recent restructuring, trained staff were removed from the Division for Management of Actives and Passives. Thus, the division was left without able staff to manage DMFAS. New staff has been assigned to the division, which needs to be trained. The Central Bank has therefore requested a new training mission for 2001.

Planned activities:

A training seminar in DMFAS data entry and reports is scheduled for 2001.

COTE D'IVOIRE FACT FILE

DMFAS start date: 1998

DMFAS installation:

- Current installation: 5.1.2 (February 2000)
- Previous installation: 5.1 (1999)

Language: French

Location: Ministry of Finance

Environment: local area network

Link with other system: No

Future system developments:

The National Debt Division is involved in the implementation of an accounting software, PIAF-CP (Programme Intégré d'Application Financière - Comptabilité Publique) developed by the French Ministry of Cooperation in the framework of its Integrated Financial Applications Programme. A link is planned between this software and DMFAS.

Current project status: active

Activities in 2000:

A two-week mission took place in February to provide advanced training in the use of DMFAS.

Problems encountered:

The debt management has been transferred from the Caisse Autonome d'Amortissement to the Direction Générale de la Comptabilité Publique et du Trésor, Direction de la Dette Publique. The main problem is the lack of commitment of the Director of the Debt Office to the project. The officials in charge of the DMFAS have a status problem due to the transfer. Moreover, the political situation in the country has also had a negative effect.

Planned activities:

A mission to review of the database wad planned for July 2001. The mission will be financed by Côte d'Ivoire since Switzerland decided to close the project.

DJIBOUTI FACT FILE

DMFAS start date: 1986

DMFAS installation:

- Current installation: 4.1Plus (1987)

- Previous installation:

Language: French

Location: Ministry of Finance

Environment: Single-user platform

Link with other system: No

Future system developments:

Current project status: closed

Activities in 2000:

If no activities in 2000, last mission or activity:

In February 1999 a new project proposal was submitted to the Ministry of Finance.

Problems encountered:

Difficulty to find new financing sources to start a new project to install DMFAS last version.

Planned activities:

The Government is seeking financing sources for a new project in order to install DMFAS 5.2.

DOMINICAN REPUBLIC FACT FILE

DMFAS start date: 1996

DMFAS installation:

- Current installation: 5.2 (July 2000)

- Previous installation: 5.1 (1999)

Language: Spanish

Location: Central Bank

Environment: Local area network

Link with other system: No

Future system developments: Integration of DMFAS within the internal accounting system.

Current project status: active

Activities in 2000:

A technical mission took place in July in order to install version 5.2 and to resolve outstanding technical issues, including data inconsistencies, data security and auditing issues.

Problems encountered:

Planned activities:

- Discussions have taken place with the Ministry of Finance where the implementation of DMFAS is being considered.

- Full implementation and training in DSM+ at the Central Bank has been requested.

<u>**ECUADOR FACT FILE**</u>

DMFAS start date: 1995

DMFAS installation:

- Current installation: 5.2 (July 2000)

- Previous installation: 5.1 (1998), 5.0* (1997)

Language: Spanish

Location: Ministry of Finance and Central Bank*

Environment: Local area network

Link with other system: DMFAS has been successfully integrated into the Ecuadorian integrated financial administration system (SIGEF). The interface was developed by technicians from the SIGEF project (MOSTA) and the Ministry of Finance.

Future system developments:

Current project status: closed (December 2000)

Activities in 2000:

DMFAS 5.2 was installed in July and staff trained in its use.

Problems encountered:

The Central Bank and the Ministry of Finance are running 2 databases with partly overlapping information. This resulted in discrepancies of results between the databases. For this reason, the planned integration (replication) of the two databases was not implemented. The resident advisor organized periodic meetings of a workgroup between the two institutions to better coordinate the quality of data.

Planned activities:

EGYPT FACT FILE

DMFAS start date: 1986

DMFAS installation:

- Current installation: 4.1 Plus (January 1990)

- Previous installation: 4.1 (1988)

Language: English

Location: Central Bank

Environment: Single-user platform

Link with other system: No

Future developments:

Note:

Egypt is using a customized version of DMFAS 4.1 and DRES (debt-rescheduling system) which allows the country's special terms for debt-rescheduling to be automatically taken into account.

A document for the new project, financed by the Central Bank of Egypt, was signed in August 1999. Debt data were converted into the new version of the DMFAS.

Current project status: active

Activities in 2000:

If no activities in 2000, last mission or activity:

Preconversion of the database from 4.1 Plus to 5.1 format in November 1999.

Problems encountered:

UNCTAD had to postpone the scheduled mission as it was awaiting nomination of the Database Administrator.

Planned activities:

A DMFAS 5.2 installation mission, planned for the end of 2000, was postponed until the beginning of 2001, at the request of the Central Bank.

EL SALVADOR FACT FILE

DMFAS start date: 1988

DMFAS installation:

- Current installation: 5.2 (May 2000)
- Previous installation: 5.1 (1999)

Language: Spanish

Location: Ministry of Finance

Environment: Local area network

Link with other system: No

Future system developments: the integration of DMFAS with the financial administration system (SAFI) is being considered.

Current project status: active

Activities in 2000:

- DMFAS 5.2 was installed in May and training was provided in its use.

- A project evaluation took place in May and a proposal for an extension of the project to carry out integration with the financial administration system (SAFI) is still pending. El Salvador is financing the project with its own funds through an IDB loan.

- A Debt Sustainability Model-Plus workshop was organized in May with participants from the Central Bank and the Ministry of Finance. During this workshop, simulations were run using data exported from the DMFAS database.

Problems encountered:

Planned activities:

ETHIOPIA FACT FILE

DMFAS start date: 1988

DMFAS installation:

- Current installation: 5.1 (October 1998) and 4.1Plus (1988)
- Previous installation: 4.1Plus (1988)

Language: English

Location: Ministry of Finance (Credit and Investment Department)

Environment: single-user platform

Link with other system: No

Future system developments:

Current project status: active

Activities in 2000:

If no activities in 2000, last mission or activity:

An installation mission was fielded in 1998.

Problems encountered:

Version 5.1 was installed in October 1998 but due to hardware problems, the Ministry of Finance returned to version 4.1 Plus shortly thereafter.

Planned activities:

A project proposal for further DMFAS activities has been received from the Ministry of Finance and handed over to the LDC department for possible funding. The project was presented to donors during the LDC Conference held in Brussels in May 2001.

GEORGIA FACT FILE

DMFAS start date: 1998

DMFAS installation:

- Current installation: 5.2 (May 2000)
- Previous installation: 5.1 (1999)

Language: Russian - English

Location: Ministry of Finance

Environment: Local area network

Link with other system: No

Future system developments: UNCTAD received a request from the Ministry of Finance for a new project aimed at the creation of a database on domestic debt.

Current project status: active

Activities in 2000:

- DMFAS 5.2 and DSM+ were installed in May.
- Initial training was provided in the use of DSM+.

Problems encountered:

Planned activities:

A mission was planned for May 2001 to provide advanced training in the use of the DSM+.

<p style="text-align:center"><u>GUATEMALA FACT FILE</u></p>

DMFAS start date: 1988

DMFAS installation:

- Current installation: 5.1.2 (October 1999)
- Previous installation: 5.1 (1999)

Language: Spanish

Location: Ministry of Finance, Central Bank

Environment: Local area network

Link with other system: No

Future system developments:

In November 1999, UNCTAD organized a workshop on integration with the integrated financial management system, SIAF-SAG. The development of the interface is ongoing and is expected to be finished in 2001.

Note:

The project was implemented in the framework of the SIAF-SAG project, which won the excellence award for World Bank-financed projects in 1999.

Current project status: active

Activities in 2000:

A three-week mission of 2 consultants took place to provide training in DMFAS reporting module.

Problems encountered:

Planned activities:

- Technical mission to validate the interface and to install DMFAS 5.2 in the Ministry of Finance and the Central Bank.

- Upgrade to 5.2 and training in its use.

- A DSM+ workshop devoted to the formulation of debt strategies planned for 2001.

<p style="text-align:center"><u>GUINEA-BISSAU FACT FILE</u></p>

DMFAS start date: 1997

DMFAS installation:

- Current installation: 5.0 (September 1997)
- Previous installation: –

Language: French

Location: Ministry of Finance

Environment: Local area network

Link with other system: No

Future system developments:

Current project status: active

Activities in 2000:

If no activities in 2000, last mission or activity:

In November 1999, a needs assessment mission visited Guinea-Bissau at the request of the Minister of Finance in order to elaborate a project document.

Problems encountered:

Due to armed conflicts, the equipment had to be replaced. The new equipment was purchased in 2000.

Planned activities:

- A DMFAS 5.2 installation mission was scheduled for May 2001.

- A three-week mission to provide training in the use of DMFAS 5.2 was scheduled for the end of May 2001.

<u>**HAITI FACT FILE**</u>

DMFAS start date: 1985

DMFAS installation:

- Current installation: 5.1 (January 1999)
- Previous installation: 4.1Plus (1995)

Language: French

Location: Central Bank

Environment: Local area network

Link with other system: No

Future system developments:

Current project status: active

Activities in 2000:

If no activities in 2000, last mission or activity:

An installation mission was fielded in 1999.

Problems encountered:

Planned activities:

A DMFAS 5.2 installation mission is planned for the end of 2001.

<u>**HONDURAS FACT FILE**</u>

DMFAS start date: 1988

DMFAS installation:

- Current installation: 5.2 (September 2000)
- Previous installation: 5.1.2* (1999)

Language: Spanish

Location: Ministry of Finance* and Central Bank

Environment: Local area network

Link with other system: No

Future developments:

There are plans to integrate DMFAS with an integrated financial administration system which is currently being developed and to link the installations of the Ministry of Finance and the Central Bank in order to have one common database. A project document has been submitted to the Ministry of Finance, who is seeking funds to implement it.

Current project status: closed (December 2000)

Activities in 2000:

DMFAS 5.2 was installed in September and training was provided in its use.

Problems encountered:

Planned activities:

INDONESIA FACT FILE

DMFAS start date: 1988

DMFAS installation:

- Current installation: 5.2 (October 2000)
- Previous installation: 4.1Plus (1988)

Language: English

Location: Ministry of Finance

Environment: Local area network

Link with other system: No

Future system developments:

Current project status: active

Activities in 2000:

Within the framework of a new project at the Ministry of Finance, financed by the Australian Agency for International Development (AusAID), the DMFAS programme undertook two missions to Jakarta in 2000:

- A preparatory mission in April/May meant to set the stage for the implementation of DMFAS 5.2 and to commence training and institutional-building activities;
- A DMFAS installation and training mission in October/November for which a complicated data conversion exercise was completed in Geneva beforehand.

Problems encountered:

Planned activities:

Further implementation of the project activities in 2001, including the finalization of the validation of the newly-installed debt database and the fielding of 2 advanced training missions.

ISLAMIC REPUBLIC OF IRAN FACT FILE

DMFAS start date: 1997

DMFAS installation:

- Current installation: 5.2 (June–July 2000)
- Previous installation: 5.0 (1997)

Language: English

Location: Bank Markazi (Central Bank)

Environment: Local area network – Novell NetWare

Link with other system: No

Future system developments:

Note:

Bank Markazi provided UNCTAD with a set of report formats – called Foreign Documentary Credits (FODOC) – which are specific to the Islamic Republic of Iran. Moreover, UNCTAD worked on the design and implementation of data entry screens for the FODOC which are now fully operational.

Current project status: active

Activities in 2000:

An advanced training mission took place in October in order to train technical staff in database administration and to train end-users in the use of DMFAS reporting facilities.

Problems encountered:

Planned activities:

UNCTAD received a delegation from Iran in Geneva in April–May 2001. The purpose of this visit was to finalize the Iranian specific reports to be added to the DMFAS system.

JORDAN FACT FILE

DMFAS start date: 1998

DMFAS installation:

- Current installation: 5.2 (April 2000)
- Previous installation: 5.1 (1999)

Language: English

Location: Ministry of Finance

Environment: Local area network

Link with other system: No

Future system developments: the creation of a link with the Central Bank is planned.

Current project status: active

Activities in 2000:

Upgrade to DMFAS 5.2 in April.

Problems encountered:

Planned activities:

Study tours.

KAZAKHSTAN FACT FILE

DMFAS start date: 1996

DMFAS installation:

- Current installation: 5.1 (January 1999)
- Previous installation: 5.0 (1996)

Language: Russian

Location: Ministry of Finance, Eximbank and the National Bank

Environment: Wide area network (Windows NT/92)

Link with other system: No

Future system developments:

Note:

A data-sharing procedure linking the three institutions has been implemented using Oracle's snapshot replications. The database is replicated once a day using satellite technology.

Current project status: active

Activities in 2000:

If no activities in 2000, last mission or activity:

A mission was fielded in 1999 to install DMFAS 5.1, to implement the replication procedures and to provide advanced training on new facilities.

Problems encountered:

Planned activities:

LEBANON FACT FILE

DMFAS start date: 1993

DMFAS installation:

- Current installation: 5.1 (October 1998)
- Previous installation: 5.0 (1997)

Language: English

Location: Council for Reconstruction and Development, Ministry of Finance and the Central Bank

Environment: Local area network

Link with other system: No

Future system developments: Data replication between the three institutions through a wide area network (WAN) is being considered.

Note:

An officer from the Central Bank is regularly employed as a consultant to implement DMFAS in neighbouring countries, including the Islamic Republic of Iran, Jordan and Sudan.

Current project status: closed

Activities in 2000:

Purchase of a new server and Oracle 8 at the Central Bank.

Problems encountered:

Planned activities:

Installation of DMFAS 5.2.

LITHUANIA FACT FILE

DMFAS start date: 1999

DMFAS installation:

- Current installation: 5.2 (September 2000)
- Previous installation: 5.1.1 (1999)

Language: English

Location: Ministry of Finance

Environment: Local area network – Novell 5

Link with other system: No

Future system developments: A link with an integrated system is planned.

Current project status : active

Activities in 2000:

A technical training mission was fielded in September in order to train IT department staff how to perform DMFAS database administration tasks.

Problems encountered:

Planned activities:

MAURITANIA FACT FILE

DMFAS start date: 1995

DMFAS installation:

- Current installation: 5.2 (June 2000)
- Previous installation: 5.1.2 (December 1999)

Language: French

Location: Ministry of Finance (Foreign Debt Department)

Environment: Local area network

Link with other system: No

Future system developments:

Current project status: will be closed in 2001

Activities in 2000:

- A two-week mission took place in March to provide training in the use of DMFAS.
- DMFAS 5.2 was installed by the local staff in June.
- A two-week training of DMFAS users took place in June, which was devoted to Paris Club operations.

Problems encountered:

Planned activities:

NICARAGUA FACT FILE

DMFAS start date: 1988

DMFAS installation:

- Current installation: 5.2 (July 2000)
- Previous installation: 5.1 (July 1998)

Language: Spanish

Location: Ministry of Finance and Central Bank

Environment: Local area network (Novell)

Link with other system: No

Future system developments:

The Nicaraguan Financial Administration System (SIGFA) will be interfaced with DMFAS. As a result of the project, the databases of the Ministry of Finance and the Central Bank will be integrated with each other and interfaced with SIGFA, providing the Government with up-to-date information on its public debt and facilitating its

financial management, and the capacity to monitor public debt will be greatly enhanced in both institutions and integration of the DMFAS with the Central Bank's internal accounting system.

Furthermore, it is planned to integrate DMFAS with the Central Bank's internal accounting system. The Government of Switzerland has been funding the project activities in both institutions.

Due to the particularities of Nicaraguan domestic debt instruments, a special module to handle the Nicaraguan bonds and treasury bills needs to be developed.

Note:

- The Ministry is using the DMFAS to manage the domestic debt, while the Central Bank is in charge of managing the country's external debt.

- The Ministry of Finance received the Argentine Integrated Financial Administration System as a donation in 1995, and is currently customizing it.

Current project status: closed

Activities in 2000:

Installation of DMFAS 5.2 in the Ministry of Finance and the Central Bank in July.

Problems encountered:

Planned activities:

PAKISTAN FACT FILE

DMFAS start date: 1985

DMFAS installation:

- Current installation: 5.1 (March 1999)

- Previous installation: 5.0 (1996)

Language: English

Location: Ministry of Finance (Economic Affairs Division)

Environment: Local area network

Link with other system: In 1996 DMFAS was integrated with the Pakistani aid-management system which is used to coordinate the aid programmes of the various donors and to manage more effectively the implementation of aid-funded projects.

Future system developments:

Current project status: closed

Activities in 2000:

If no activities in 2000, last mission or activity:

Installation mission in 1999.

Problems encountered:

Planned activities:

A new project proposal has been prepared for additional activities in Pakistan. The main objective of this proposal is to finalize the computerized debt data base of the MoF. For this purpose, a DMFAS expert will be based in Islamabad for two months. Once an operational data base is in place, UNCTAD would install version 5.2 of the DMFAS system which contains the DSM+ module. A workshop will then be held, teaching Pakistani officials how to operate this model. In late 2001 a follow-up mission would be fielded for one week.

PALESTINE AUTHORITY FACT FILE

DMFAS start date: 2000

DMFAS installation:

- Current installation:
- Previous installation:

Language: English

Location: Ministry of Finance

Environment: Local area network

Link with other system: No

Future system developments:

Current project status: active

Activities in 2000:

A project proposal was signed in 2000. The project, financed by a grant from the Government of Norway, planed for the installation of DMFAS in the Ministry of Finance.

Problems encountered:

Project activities were scheduled to start in October 2000 with the posting of a chief technical advisor in Gaza. However, due to the security situation in the Palestinian territories this posting has to be postponed and the project is currently on hold.

Planned activities:

A debt expert will be hired for three weeks in order to draw up a framework proposal for the structure of the future Palestinian debt office. Once the security situation permits, project activities will re-start and the new proposed structure will be discussed with the Palestinian Authority.

PANAMA FACT FILE

DMFAS start date: 1996

DMFAS installation:

- Current installation: 5.2 (May 2000)
- Previous installation: 5.1 (July 1999)

Language: Spanish

Location: Ministry of Economy and Finance

Environment: Local area network (Novell)

Link with other system: In 1998 a link was established by the Ministry between DMFAS and the Panamanian Integrated Financial Administration System (SIAFPA). SIAFPA is a financial management system, which integrates treasury, budget and accounting activities. The project was financed by the IDB.

Future system developments:

Current project status: active

Activities in 2000:

- DMFAS 5.2 and the Debt Sustainability Model of the World Bank were installed in May 2000.
- A project has been proposed to the Government concerning the integration of the management of domestic debt within the DMFAS Project.

Problems encountered:

Planned activities:

- Initiate the project on the integration of Panama's domestic debt into the debt management activities of the Public Debt Department.

- Workshop on the formulation of debt strategies using DSM+ .

PARAGUAY FACT FILE

DMFAS start date: 1995

DMFAS installation:

- Current installation: 5.2 (September 2000)

- Previous installation: 5.1 (1999)

Language: Spanish

Location: Ministry of Finance

Environment: Wide area network

Link with other system: In 1996 DMFAS was linked to the metropolitan network of the public sector, a wide area network using fiber-optic cables. Several public institutions use various computer systems on the network. DMFAS is one of them, permitting several user-institutions to share a single database without the need for data replication.

Future system developments:

Development of a link for the integration of DMFAS into the integrated public resource management system.

Current project status: active

Activities in 2000:

- UNCTAD sent an upgrade to DMFAS 5.2 and provided technical support in its installation.

- Mission of one Paraguayan official to Geneva to receive training in DMFAS 5.2 and to plan further activities.

Problems encountered:

Planned activities:

- Workshop on the formulation of debt strategies using the DSM+ in April 2001.

- Workshop on the integration of DMFAS with SIIF in May 2001.

PERU FACT FILE

DMFAS start date: 1998

DMFAS installation:

- Current installation: 5.0 (June 1998)

- Previous installation:

Language: Spanish

Location: Ministry of Economics and Finance

Environment: Local area network

Link with other system: No

Future system developments:

Current project status: closed

Activities in 2000:

Evaluation mission to the MEF of an independent consultant.

Problems encountered:

DMFAS 5.0 was installed and the public debt database was established in 1998 and 1999. UNCTAD incorporated several new functionalities ordered by the Peruvian Ministry of Economics and Finance into DMFAS 5.1. This version was supposed to be implemented in May 1999.

However, the Peruvian project coordinators left the MEF in December 1998 and February 1999 respectively. After that date, UNCTAD received no further communication from the MEF and was later informed that MEF had abandoned DMFAS.

UNCTAD sent various communications, which remained unanswered, and also UNCTAD sent an independent consultant to evaluate the project in August 2000. The evaluation mission concluded that the following factors contributed to the failure of the project.

Shortly before completing the project – the database was already built-up – the responsible authorities and officials were changed and the new authorities did not take responsibility for the project.

MEF´s IT department OFINE, promoting the development of its own debt management a system, did not give support to the project. After MEF ended all communications with UNCTAD unilaterally after February 1999, OFINE started in-house development of its own debt management system.

The reasons for the failure were mainly due to a lack of commitment to the project by the management, especially the Direction of the Public Debt Department. Against UNCTAD´s repeated warnings, MEF did not assign regular staff of the public debt department to the project. Most of the project activities were accomplished by temporary contractors, whose departure left the public debt department without the requisite knowledge for using the system.

Planned activities:

None. The project was closed in 2000 and funds were reimbursed to the donors.

PHILIPPINES FACT FILE

DMFAS start date: 1987

DMFAS installation:

- Current installation: 5.2 (December 2000)
- Previous installation: 5.1.2 (1999)

Language: English

Location: Bureau of the Treasury (External Debt Management Division)

Environment: Local area network – Windows NT

Link with other system: No

Future system developments:

Note:

The DMFAS database installed in the Bureau of the Treasury contains over 2,000 loans and 120,000 debt transactions. This validated debt database considerably assists the Bureau in managing its external liabilities: the servicing of these liabilities, managed through the DMFAS, represents $1.7 billion during 2000, which is close to 12.7 per cent of the Government's total expenditure.

Current project status: closed

Activities in 2000:

A one-week mission took place in December in order to install DMFAS 5.2 and to train the Bureau of the Treasury debt officers and technical experts in the use of its new functionalities.

Problems encountered:

Planned activities:

Discussions are ongoing to elaborate a new and more limited project to build upon the success of the previous UNDP-financed one. This extension would finance activities meant to integrate the DMFAS database with the Bureau of Treasury's other financial systems.

REPUBLIC OF MOLDOVA FACT FILE

DMFAS start date: 1997

DMFAS installation:

- Current installation: 5.2 (August 2000)
- Previous installation: 5.1 (August 1998)

Language: Russian and English

Location: Ministry of Finance and Central Bank

Environment: Local area network (UNIX)

Link with other system: No

Future system developments:

Note: A data-sharing procedure linking both institutions has been implemented using Oracle's snapshot replications. The database on private debt is located in the Central Bank.

Current project status: one project closed, one project active.

Activities in 2000:

Installation of DMFAS 5.2 and training mission in its use.

Problems encountered:

Transfer of the supporting platform from UNIX to Novell.

Planned activities:

Technical backstopping mission, June 2001.

ROMANIA FACT FILE

DMFAS start date: 1993

DMFAS installation:

- Current installation: 5.2 (October 2000)
- Previous installation: 5.1.1 (1999)

Language: English

Location: Ministry of Finance and Central Bank

Environment: Wide area network

Link with other system: No

Future system developments:

The Ministry of Finance has shown strong interest to integrate DMFAS with a integrated financial management system.

Note:

A data-sharing procedure linking both institutions has been implemented using Oracle's snapshot replications. A grant module integrated into the DMFAS has been developed.

Current project status: closed

Activities in 2000:

- A technical mission took place in October in order to install DMFAS 5.2 and resolve outstanding technical issues.

- A DSM+ training mission took place from 10 to 19 October to train officials from the Ministry of Finance and the Central Bank.

Problems encountered:

The grant module is not fully implemented.

Planned activities:

There is interest in further DMFAS activities, including grant recording (at the Ministry of Finance), DSM+ and eventually in risk management (at the Central Bank). A new project is being negotiated between the Ministry of Finance and UNDP.

RWANDA FACT FILE

DMFAS start date: 1990

DMFAS installation:

- Current installation: 5.2 (November 2000)

- Previous installation: 5.1.2 (1999)

Language: French

Location: Ministry of Finance and National Bank of Rwanda

Environment: Local area network (Ministry of Finance) – Single user installation (National Bank)

Link with other system: No

Future system developments:

Current project status: active

Activities in 2000:

- Two missions visited Kigali during 1999–2000. During these missions, the database of Rwandan external debt was revised and reestablished in the Ministry of Finance.

- Installation of DMFAS 5.2 in the Ministry of Finance and the National Bank of Rwanda and training in its use.

Problems encountered:

DMFAS activities in Rwanda started in 1991. However, they came to a complete standstill during the fighting in 1994–1995. Activities restarted in 1998, with a project financed by UNDP to install DMFAS 5.2 in the Ministry of Finance, with a possible link to the National Bank of Rwanda. In January 1999, the database was partially recovered by the central team in Geneva and converted to the new DMFAS format.

Planned activities:

Training mission in the use of DSM+ in April 2001 for both institutions.

SAO TOME AND PRINCIPE FACT FILE

DMFAS start date: 1997

DMFAS installation:

- Current installation: 5.0 (1997)

- Previous installation:

Language: French

Location: Ministry of Finance and Central Bank

Environment: Single-user platform (32 bits)

Link with other system: No

Future system developments:

Current project status: closed

Activities in 2000:

If no activities in 2000, last mission or activity:

During the period 1998–1999, two missions were fielded in order to provide advanced training in the DMFAS and to complete the debt database.

Problems encountered:

Resource and institutional problems contributed to the non-achievement of the objectives of the DMFAS project.

Planned activities:

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SENEGAL FACT FILE

</div>

DMFAS start date: 1997

DMFAS installation:

- Current installation: 5.0 (January 1997)

- Previous installation:

Language: French

Location: Ministry of Finance (Debt and Investment Department)

Environment: Local area network

Link with other system: No

Future system developments:

Current project status: closed

Activities in 2000:

If no activities in 2000, last mission or activity:

In 1999, the DMFAS programme provided technical assistance through its Help Desk.

Problems encountered:

The existing equipment is out of order and the concerned authorities are unable to replace it. Switzerland closed the project. Moreover, the Chief of the debt office is not involved in the project.

Planned activities:

<div align="center">

SUDAN FACT FILE

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DMFAS start date: 1998

DMFAS installation:

- Current installation: 5.2 (February 2001)

- Previous installation: 5.1 (1999)

Language: English

Location: Bank of Sudan

Environment: Local area network

Link with other system: No

Future system developments:

Current project status: active

Activities in 2000:

If no activities in 2000, last mission or activity:

A mission was fielded in February 2001 in order to install DMFAS 5.2 and train the Bank of Sudan staff in its use. The mission also took the opportunity to train the IT staff of the Bank in database administration.

Problems encountered:

Planned activities :

The Bank of Sudan prepared a request for funding of further DMFAS activities and presented it to the LDC Conference in Brussels in May 2001.

TOGO FACT FILE

DMFAS start date: 1984

DMFAS installation:

- Current installation: 4.1Plus
- Previous installation: 4 (1986)

Language: French

Location: Fonds National d'Amortissement de la Dette (National Fund for Debt Repayment)

Environment: Single-user platform

Link with other system: No

Future developments:

Note:

The document for a new project planning the installation of DMFAS 5.2, financed by UNDP, was signed in April 1999. Activities were to take place at the end of 2000, once the equipment installed.

Current project status : active

Activities in 2000:

Equipment was installed in the new debt debt office (Ministry of Finance).

Problems encountered:

The debt management transfer from FNADP to the Ministry of Finance caused delay to undertake activities.

Planned activities:

- Mission to install DMFAS 5.2 in the Ministry of Finance planned in April 2001.
- Training mission in the use of DMFAS 5.2 planned in April 2001.
-

THE FORMER YUGOSLAV REPUBLIC OF MACEDONIA FACT FILE

DMFAS start date: 1999

DMFAS installation:

- Current installation: 5.1.2 (October 1999)
- Previous installation:

Language: English

Location: National Bank

Environment: Local area network – Windows NT

Link with other system: No

Future system developments:

Current project status: closed

Activities in 2000:

If no activities in 2000, last mission or activity:

An installation and training mission fielded in 1999.

Problems encountered:

Planned activities:

A new project document financed through cost sharing by the World Bank and UNDP is under negotiation. It is expected that the project will include the installation of workstations in the Ministry of Finance ("read only" access) and DSM+ training.

TRINIDAD AND TOBAGO FACT FILE

DMFAS start date: 1985

DMFAS installation:

- Current installation: 5.1 (June 1999)

- Previous installation: 4.1Plus (March 1994)

Language: English

Location: Central Bank

Environment: Single-user platform

Link with other system: No

Future system developments:

Current project status: active

Activities in 2000:

If no activities in 2000, last mission or activity:

On request from the Ministry of Finance a new project proposal was prepared in March 2001 for the installation of DMFAS 5.2.

Problems encountered:

Planned activities:

UGANDA FACT FILE

DMFAS start date: 1985

DMFAS installation:

- Current installation: 5.1.1* (July 1999) and 5.0

- Previous installation: 5.1* (1998) and 5.0

Language: English

Location: Bank of Uganda* and Ministry of Finance

Environment: Local area network in both institutions.

Link with other system: No

Future system developments: An integrated financial management system is being planned.

Current project status: closed

Activities in 2000:

Staff from both the Bank of Uganda and the Ministry of Finance participated in a workshop in Lusaka in October where technical training as well as end-user training was provided.

The Bank of Uganda received a copy of DMFAS 5.2 and will install it.

Problems encountered:

Planned activities:

The Ministry of Finance has asked UNCTAD for a project proposal to upgrade to version 5.2 in the Treasury Department.

UKRAINE FACT FILE

DMFAS start date: 1995

DMFAS installation:

- Current installation: 5.0 (November 1996)
- Previous installation: 4.1Plus (1995)

Language: English

Location: Ministry of Finance

Environment: Local area network (Windows NT)

Link with other system: No

Future system developments:

Current project status: closed

Activities in 2000:

If no activities in 2000, last mission or activity:

Installation and training mission in 1996.

Problems encountered:

Ukraine stopped using DMFAS as it developed its own local system.

Planned activities:

UZBEKISTAN FACT FILE

DMFAS start date: 1996

DMFAS installation:

- Current installation: 5.1 (September 1998)
- Previous installation:

Language: Russian

Location: Ministry of Finance

Environment: Local area network (Windows NT)

Link with other system: No

Future developments:

Current project status: closed

Activities in 2000:

If no activities in 2000, last mission or activity:

An installation and training mission was fielded in 1998.

Problems encountered:

Planned activities:

VENEZUELA FACT FILE

DMFAS start date: 1998

DMFAS installation:

- Current installation: 5.2 (October 2000)
- Previous installation: 5.1 (October 1998)

Language: Spanish

Location: Ministry of Finance

Environment: Local area network

Link with other system: No

Future system developments:

Current project status : closed (1999)

Activities in 2000:

- The installation of DMFAS in the Ministry of Finance was finalized at the end of 2000. By that time, the complete data on external and domestic public debt was entered into DMFAS.

- A CTA was incorporated into the Public Finance Department for 2 years until the end of 2000.

Problems encountered:

High rotation of staff. A large part of the project (database) was developed by contractors. Therefore, staff had to be constantly retrained.

Planned activities:

- As the project, financed by the World Bank, closed on December 1999 a follow-up project is foreseen for the integration of the DMFAS with the Ministry's financial administration system (SIGECOF).

- A training curriculum has been submitted to the Ministry of Finance, suggesting to organize several workshops on DSM+, data validation and the preparation of a statistical bulletin.

UNCTAD is still awaiting feedback on both proposals.

VIET NAM FACT FILE

DMFAS start date: 1996

DMFAS installation:

- Current installation: 5.2 (November 2000)
- Previous installation: 5.1.2 (1999)

Language: English

Location: Ministry of Finance and State Bank of Viet Nam

Environment: Local area network

Link with other system: No

Future system developments:

Current project status: active

Activities in 2000:

- A second mission under the Swiss-financed project *INT/95/A11 Implementation of DMFAS in the State Bank of Viet Nam (SBV)* took place in July–August 2000.

  The objectives of the mission were to provide advance training to the users of DMFAS within the External Debt Management Division (EDMD) of the Bank's Foreign Exchange Department (FED) and to continue to provide related support to improve the Bank's procedures for the monitoring of external debt of Viet Nam's enterprises.

- Within the context of VIE/93/007, a final tripartite mission also took place in November 2000 to evaluate the success of the debt component of this three year project, financed by Switzerland/IMF and now in its closing phase.

Problems encountered:

Planned activities:

A new comprehensive project – VIE/98/007 Capacity Development for Effective and Sustainable External Debt Management – is now in the final phases of elaboration and commenced within the second half of 2001. This multi-donor project, implemented under the auspices of UNDP Hanoi, is intended to address a broad range of critical debt management issues, including institutional arrangements and debt strategy.

YEMEN FACT FILE

DMFAS start date: 1999

DMFAS installation:

- Current installation: 5.1.2 (October 1999)

- Previous installation:

Language: English

Location: Central Bank

Environment: Local area network

Link with other system: No

Future system developments:

Note:

The DMFAS project for Yemen is a component of a larger UNDP project on "Strengthening Economic and Financial Management", executed by the IMF. The DMFAS component itself is nationally financed, and implementation started in the middle of 1998 with DMFAS training in Geneva of the debt management adviser.

Current project status: active

Activities in 2000:

Technical workshop for the Central Bank IT staff. The purpose was to train the IT staff on the installation and upgrading of DMFAS.

Problems encountered:

Planned activities:

- To create a link with the Ministry of Finance and update the DMFAS system to version 5.2.

- Installation of DMFAS in the Ministry of Finance and the Ministry of Planning and Development.

ZAMBIA FACT FILE

DMFAS start date: 1986

DMFAS installation:

- Current installation: 5.2 (October 2000)
- Previous installation: 5.1 (2000)

Language: English

Location: Ministry of Finance* and Bank of Zambia

Environment: Local area network

Link with other system: No

Future system developments:

Current project status: active

Activities in 2000:

Staff from both the Bank of Zambia and the Ministry of Finance participated in a workshop in Lusaka in October where technical training as well as end-user training was provided. During this meeting, both institutions received an upgrade to version 5.2 of the DMFAS software.

Problems encountered:

Planned activities:

ZIMBABWE FACT FILE

DMFAS start date: 1986

DMFAS installation:

- Current installation: 5.2 (October 2000)
- Previous installation: 5.1 (1999)

Language: English

Location: Ministry of Finance, Economic Planning and Development and the Reserve Bank of Zimbabwe

Environment: Local area network

Link with other system: No

Future system developments:

Current project status: active

Activities in 2000:

Staff from both the Reserve Bank of Zimbabwe and the Ministry of Finance participated in a workshop in Lusaka in October where technical training as well as end-user training was provided. During this meeting, both institutions received an upgrade to version 5.2 of the DMFAS software.

 Problems encountered:

Planned activities:

COLOMBIA FACT FILE

DMFAS start date: 1st March 2001

DMFAS installation:

- Current installation: 5.2

- Previous installation:

Language: Spanish

Location: Ministry of Finance (Directorate of Public Credit)

Environment: Local area network. It is planned to use the Internet version of DMFAS.

Link with other system: No

Future system developments: A link to the Financial Administration System will eventually be developed by the Ministry's staff at a later stage.

Current project status: active

Activities:

In 2000, The Ministry of Finance of Colombia organized a 3 month test implementation of DMFAS in the Directorate of Public Credit (DGCP). The system was installed on 2 servers and around 1,000 users had access to the system. Most of the staff of the Directorate participated in the evaluation, which consisted in entering Colombian debt data, the production of user defined reports and the analysis of Colombian needs for changes to the system. 5 UNCTAD consultants supported the test. In the evaluation of the test run, DGCP's users assigned the DMFAS 3.6 out of 5 possible points and decided that DMFAS was suitable for the DGCP.

The test-run was organized by the Ministry of Finance with the background of a tender for the provision of a debt management system. Several large software companies participated in the tender. The Government decided the tender in favour of the DMFAS system.

On 21 February 2001, UNCTAD signed a frame agreement with the Ministry of Finance. It foresees the implementation of DMFAS in the DGCP after the incorporation of substantive changes to DMFAS according to Colombian needs. The development of important new functionalities will be carried out by UNCTAD in cooperation with local IT staff of the Ministry of Finance. These functionalities are expected to be finalized in the 4th quarter of 2002.

- Needs assessment mission in February 2000.

- Missions of 5 UNCTAD staff and consultants to carry out the test installation of DMFAS, train users and coordinate test activities (June–August).

- Evaluation mission of the test-run in August 2000.

- March 2001: 3 week mission of an analyst and programmer to hold a workshop on the conversion of the Colombian database to the DMFAS format and to produce a top-level design for adaptations of DMFAS.

- April–May 2001: Top Level Design of new functionalities and organization of several workshops in Colombia to foster developments of local modules to the DMFAS.

Planned activities :

- Development of adaptations to the DMFAS.

- Installation of version 6 and training in its use.

- DSM+ workshop.

GABON FACT FILE

Note:

In March 2001 a needs assessment mission visited Libreville at the request of the Ministry of Economy, Finance, Budget and Privatisation in order to elaborate a project document. The objective of the project was to install DMFAS and DSM+ at the Ministry. The project was expected to be signed in June 2001.

MADAGASCAR FACT FILE

DMFAS start date: April 2001

DMFAS installation:

- Planned installation: 5.2 (May 2001)

- Previous installation:

Language: French

Location: Banque Centrale de Madagascar

Environment: Local area network

Link with other system: No.

Future system developments:

Current project status: active

Activities in 2000:

A one-week mission to Antananarivo was fielded in November by the DMFAS Central team to finalize the project document with the Government officials and UNDP.

Planned activities:

A new project financed by UNDP will commence in 2001 with the objectives of installing the DMFAS within the Central Bank of Madagascar and providing debt management training to Government officials.

MONGOLIA FACT FILE

Note:

UNCTAD was notified in March 2001 that it had won the tender for the installation of a debt management system in the Ministry of Finance of Mongolia. Project activities have not yet started.

TURKMENISTAN FACT FILE

DMFAS start date: March 2001

Note: UNDP signed an agreement with the Government of Turkmenistan for the installation of DMFAS 5.2. UNCTAD has been requested by the Government of Turkmenistan to execute this project. Project activities are scheduled to start in June 2001.